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QUEENSTON MINING INC.

LEBEL GOLD PROPERTY

2010-11 Diamond Drill Report

November 2012

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1.0 EXECUTIVE SUMMARY

In April 2010, Queenston Mining Inc. ("QMI" or "the Company") acquired the Lebel Gold Property as a result of the amalgamation with Vault Minerals Inc. The Property hosts the former Bidgood #2 Mine that between the years 1934-1951 produced 165,000 oz. of gold at a recovered grade of 9.2 g/t Au. In addition, several other gold targets exist on the Property and, as such, are identified in this Report.

From May 2010 to December 31, 2011, QMI completed 209 drill holes having 42,909m of coring on the Property. The diamond drill programs were designed with the following anticipated results;

- to develop a near surface gold resource at the former Bidgood #2 / Moffat-Hall Mines, currently labeled the South and North Zones, targeting historic vein trends,
- to develop a near surface gold resource at the Boundary Zone,
- to follow-up explore for gold-copper mineralization within the KQS quartz-feldspar intrusive setting as discovered at Mud Lake and Bidgood #1 Mine vein trends,
- to follow-up on the possible 'Kirkland Main Break' trend at the north edge of Mud Lake.

As a result of the 2010-11 diamond drill initiatives along with historic drilling, on October 17, 2011 QMI announced a National Instrument 43-101 resource on the Bidgood and Boundary areas of the Lebel Gold Property, representing the first resource calculated since the closure of the Bidgood Mine in 1951. In addition and as a result of the 2010-11 drill programs, new gold-veins have been discovered within and to the south and north of the South and North Zones and beyond former mined veins. In regards to the North Zone, 2010-11 drilling has intersected multiple gold veins in preparation for future resource definition drilling.

The highlight of the Mud Lake drill program is provided by the ML11-13 gold intersection of 1.5 g/t over 15.5m that may represent the east projection of the 'Kirkland Main Break' in Lebel Township.

Further exploration recommendations are provided for proposed diamond drilling of the North and South Zones to further develop gold resources. Diamond drilling is also proposed for other Property targets.

2.0 INTRODUCTION

2.1 GLOSSARY AND ABBREVIATIONS

">", "<"	greater than, less than
"AAS"	Atomic Absorption Spectroscopy
"AA"	is an acronym for Atomic Absorption, a technique used to measure metal content subsequent to fire assay
"asl"	above sea level
"ASD"	Analytical Spectral Devices Inc. Fieldspec Pro
"Au"	gold
"C"	degrees Celsius
"cm"	centimetres
"E"	east
"el"	elevation level
"ft."	foot or feet
"g/t Au"	grams per tonne gold
"Goldaur"	Goldaur Resources Inc.
"Goldcorp"	Goldcorp Canada Ltd.
"ha"	Hectare
"KLEGP"	the Kirkland Lake East Gold Project
"KLGC"	the Kirkland Lake Gold Camp
"KLMB"	the Kirkland Lake Main Break
"km"	kilometre
"LLB"	Larder Lake Break
"LLDZ"	Larder Lake Deformation Zone
"m"	metre(s)
"M"	million(s)
"Ma"	millions of years
"mm"	millimetre(s)
"MNDM"	Ontario Ministry of North Development and Mines
"M&SR"	mineral and surface rights
"MR"	mineral rights only
"N"	north
"NE"	northeast
"NI"	National Instrument
"NTS"	National Topographic System
"NW"	northwest
"NSR"	an acronym for net smelter return, which means the amount actually paid to the mine or mill owner from the sale of ore, minerals and other materials or concentrates mined and removed from mineral properties, after deducting certain expenditures as defined in the underlying smelting agreements
"OGS"	Ontario Geological Survey
"oz/T"	troy ounces per short ton
"Placer"	Placer Dome (CLA) Ltd.
"Polymet"	Polymet Resources Inc., in Cobalt Ontario
"Property"	the Lebel Property
"ppb"	parts per billion
"ppm"	parts per million
"Queenston"	Queenston Mining Inc.
"S"	south
"SE"	southeast

“SW”	southwest
“Swastika Lab”	Swastika Laboratories Ltd., in Swastika, Ontario
“t”	tonnes (metric measurement)
“TN”	True North
“tpd”	tonnes per day
“UTM”	Universal Transverse Mercator
“Vault”	Vault Minerals Inc.
“W”	west

3.0 PROPERTY LOCATION, DESCRIPTION AND LAND TENURE

3.1 LEBEL PROPERTY LOCATION

The Property is located in the south central region of Lebel Township, District of Timiskaming, in the eastern part of Northern Ontario, Canada. The geographic centre of the Lebel Property is approximately 48° 09' 47" North Latitude and 79° 54' 49" West Longitude. King Kirkland is located at the western property limit and Kirkland Lake, a historical gold mining town with an approximate population of 10,000, is located approximately 6 km to the west. The Property is approximately 500 km north of Toronto, 200 km north-northeast of Sudbury and 120 km southeast of Timmins.

3.2 LEBEL LAND TENURE DESCRIPTION

The Lebel Property comprises of 31 patented claims with mining and/or surface rights, 3 licences of occupation mining rights only, 3 leases with mining and/or surface rights and 21 unpatented claims that together cover an area of approximately 1,198 ha. Queenston owns 100% interest in the Lebel Property and all the patented claims are in good standing in perpetuity subject to annual Ontario Provincial mining taxes and surface municipal property taxes. Most of the unpatented claims are in good standing until 2015. Queenston has sufficient banked assessment credits to maintain its unpatented mining claims in good standing for many years. The Ontario crown and private interests own the unpatented claims' surface rights. The boundaries of individual claims can be identified in the field by locating claim posts. The claim boundaries have not been surveyed.

There are no current title defects affecting any of the Lebel Property mineral claims. Some of the Lebel claims are subject to Net Smelter Return royalties ranging up to 2%.

The Lebel Property forms part of Queenston's Kirkland Lake East Gold Project or KLEGP and is contiguous with two other Queenston properties; the Pawnee property to the south-west and the Commodore/Morris Kirkland Newstrike Resources Ltd – Queenston joint venture property to the south east.

In March of 2010, Queenston announced an amalgamation of 2236019 Ontario Inc., a wholly owned subsidiary of Queenston, with Vault. The newly amalgamated company continued operating under the name Vault Minerals Inc. as a wholly-owned subsidiary of Queenston.



Figure 1. Regional Location Map

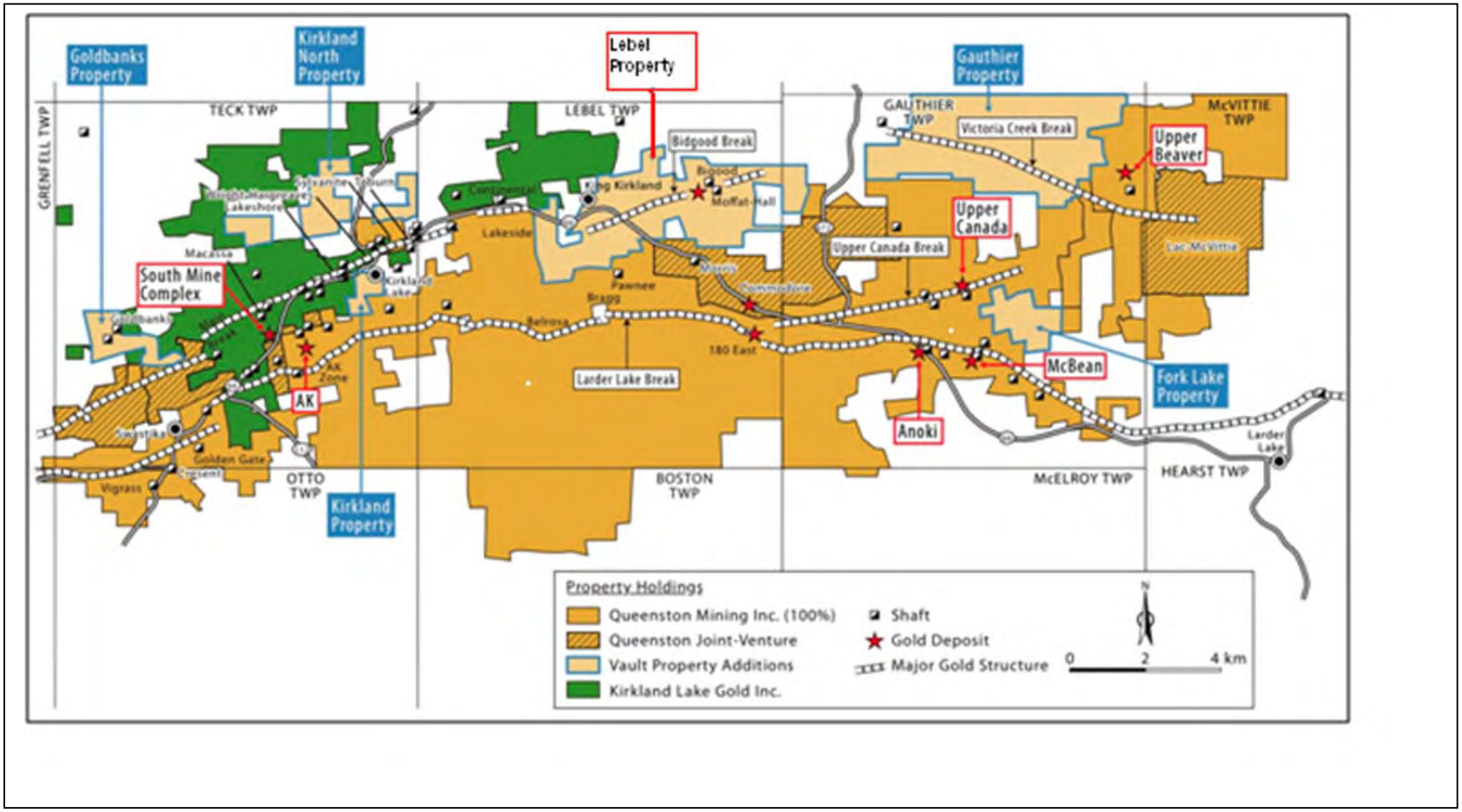


Figure 2. Regional Property Holdings Map

(Note: As of August 30, 2012, Queenston sold its 50% interest in the Teck Township Queenston-Kirkland Lake Gold Joint Venture claims to Kirkland Lake Gold Inc.)

3.2 LAND TENURE

LEBEL PATENTED CLAIM DETAILS						
Claim Block No.#	**No. Of Units**	**Area (ha)**	**Claim Type**	**Tenure Rights**	**Royalty**	**Due Date**
LS6	1	11.89	Patented	M&SR	1.2% NSR	Annual tax
LS221	1	11.29	Patented	M&SR	1.2% NSR	Annual tax
LS272	1	17.11	Patented	MR	None	Annual tax
L2327	1	22.86	Patented	MR	None	Annual tax
L3094	1	13.55	Patented	M&SR	1.2% NSR	Annual tax
L3095	1	12.34	Patented	M&SR	1.2% NSR	Annual tax
L3250	1	15.78	Patented	M&SR	2% NSR	Annual tax
L6781	1	12.14	Patented	M&SR	1.2% NSR	Annual tax
L6796	1	11.41	Patented	M&SR	1.2% NSR	Annual tax
L6872	1	16.59	Patented	MR	2% NSR	Annual tax
L6872/PT6872	1	9.31	License of occupation	MR	2% NSR	Annual tax
L6873	1	24.96	Patented	MR	2% NSR	Annual tax
L6874	1	14.44	Patented	MR	2% NSR	Annual tax
L6874/L14678	1	5.05	License of occupation	MR	2% NSR	Annual tax
L7407	1	14.89	Patented	M&SR	1.2% NSR	Annual tax
L7592	1	10.06	Patented	M&SR	1.2% NSR	Annual tax
L7593	1	12.90	Patented	M&SR	1.2% NSR	Annual tax
L7760	1	12.06	Patented	M&SR	1.2% NSR	Annual tax
L7761	1	16.59	Patented	M&SR	1.2% NSR	Annual tax
L7762	1	8.417	Patented	M&SR	1.2% NSR	Annual tax
L7763	1	16.43	Patented	M&SR	1.2% NSR	Annual tax
L7764	1	15.09	Patented	M&SR	1.2% NSR	Annual tax
L7845/L7848	1	10.31	License of occupation	MR	2% NSR	Annual tax
L7847/L7846	1	19.78	Patented	MR	2% NSR	Annual tax

L7848	1	7.72	Patented	MR	2% NSR	Annual tax
L8005	1	12.58	Patented	M&SR	1.2% NSR	Annual tax
L8006	1	3.39	Patented	M&SR	1.2% NSR	Annual tax
L8027	1	26.50	Patented	M&SR	1.2% NSR	Annual tax
L8086	1	14.32	Patented	M&SR	1.2% NSR	Annual tax
L8935	1	14.44	Patented	M&SR	1.2% NSR	Annual tax
L9031	1	6.23	Patented	M&SR	1.2% NSR	Annual tax
L9882	1	11.21	Patented	M&SR	1.2% NSR	Annual tax
L9886	1	13.43	Patented	M&SR	1.2% NSR	Annual tax
L9891	1	17.68	Patented	M&SR	1.2% NSR	Annual tax
Total	**34**	**462.9**				

Lebel Unpatented Claim Details

Claim Block No.#	No. Of Units	Area (ha)	Assessment Due Before	Royalty	Registered Claim Owner
1211849	1	16	04/06/2015	1.5% NSR	Queenston
1219943	1	16	29/6/2015	1.5% NSR	Queenston
1220018	1	16	29/10/2015	1.5% NSR	Queenston
1220019	2	32	17/10/2015	1.5% NSR	Queenston
1220179	1	16	27/1/2015	1.5% NSR	Queenston
1220180	2	32	27/1/2015	1.5% NSR	Queenston
1221653	1	16	12/02/2015	1.5% NSR	Queenston
1221662	1	16	05/01/2015		Queenston
1222232	1	16	21/7/2015	1.5% NSR	Queenston
1222233	1	16	21/7/2015	1.5% NSR	Queenston
1225271	1	16	25/10/2015	1.5% NSR	Queenston
1225284	1	16	23/6/2015	1.5% NSR	Queenston
1225285	1	16	23/6/2015	1.5% NSR	Queenston
1226845	1	16	14/5/2015	1.5% NSR	Queenston

1226949	2	32	23/6/2015	1.5% NSR	Queenston
1227041	1	16	13/7/2015	1.5% NSR	Queenston
1239090	1	16	12/10/2015	1.5% NSR	Queenston
4202031	1	16	17/3/2015	None	Queenston
4225629	2	32	02/06/2015	None	Queenston
4246816	1	16	06/03/2016	None	Queenston
4263097	1	16	03/06/2013	None	Queenston
Total	**25**	**400**			

LEBEL LEASED CLAIM DETAILS

Claim Block No.#	No. Of Units	Area (ha)	Tenure Rights	Royalty	Due Date
108424/CLM327	10	177.56	M&SR	2% NSR	Annual tax
108389/L72404	1	18.25	M&SR	2% NSR	Annual tax
107430/242832etal	8	139.43	M&SR	2% NSR	Annual tax
107430/242759	0	0	M&SR	2% NSR	Annual tax
107430/242779	0	0	M&SR	2% NSR	Annual tax
107430/242780	0	0	M&SR	2% NSR	Annual tax
107430/242833	0	0	M&SR	2% NSR	Annual tax
107430/242844	0	0	M&SR	2% NSR	Annual tax
107430/401569	0	0	MR	2% NSR	Annual tax
107430/401570	0	0	M&SR	2% NSR	Annual tax
Total	**19**	**335.24**			

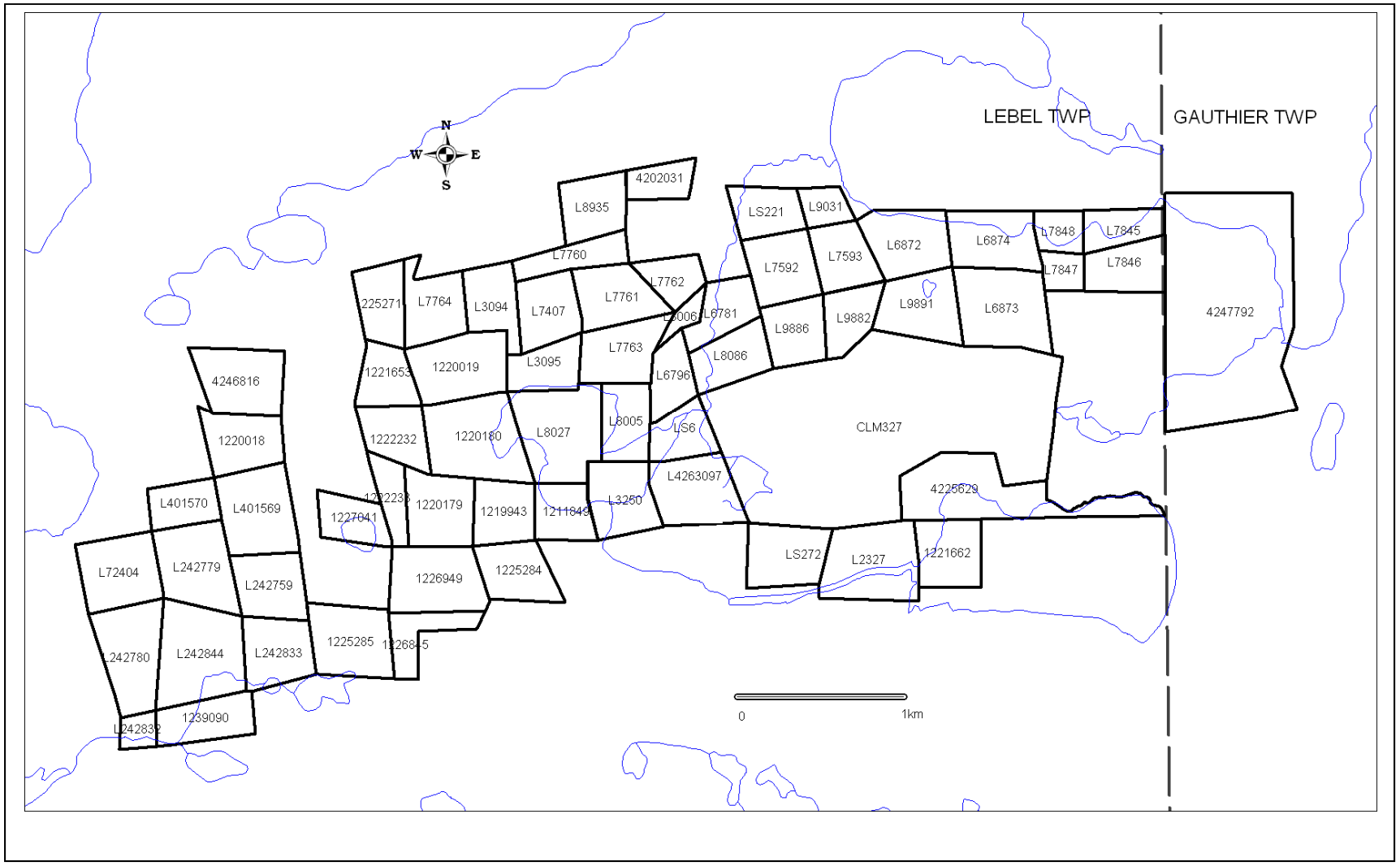


Figure 3. Property Claim Map

4.0 ACCESSIBILITY, CLIMATE, INFRASTRUCTURE AND TERRAIN

4.1 ACCESS

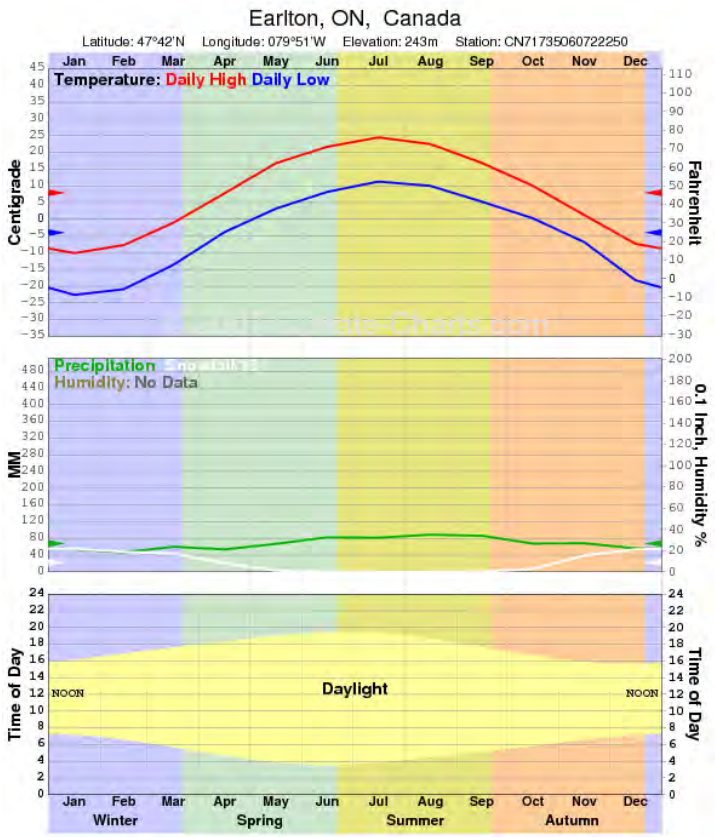
The property can be accessed travelling east from Kirkland Lake on paved Highway 66, which transects the property for approximately 2 km. Secondary and tertiary gravel roads, such as Bidgood, McTavish and Crystal Lake roads accessed from Highway 66 and historic trails, allow access to most locations on the property (see Figure 4.3). The historical road connecting Larder Lake to Kirkland Lake, known as the Larder Lake Road or Government Road, is now a mine-run trail crossing the property from the intersection point of the other roads due east. The property can be operated on a year-round basis.

4.2 CLIMATE

The climate in the region of the properties is that of a moderate northern temperate zone. Temperatures range from +30°C during the summer season and -40°C during the winter. Yearly precipitation averages are in the vicinity of 60 cm of rain and 250 cm of snow. The ground is generally snow covered from mid-November to mid-April.

The climate information presented in Figure 5.2 was taken from the weather station in Earlton, Ontario, located approximately 35 km south of the Lebel Property.

Climate trend data - Earlton, Ontario



(Source: www.climate-charts.com)

4.3 INFRASTRUCTURE

The Property is transected by Bidgood, McTavish and Crystal Lake roads which are, for the most part, maintained year-round and support vehicular travel. Other small trails can be traveled by ATV, snowmobiles or by foot. Telephone and high voltage power lines also transect the Property and nearby, the town of Kirkland Lake is also linked to the Ontario Power grid. An Ontario Northland Railway line also transects the south-western part of the Property and shipping facilities by rail are available at Kirkland Lake.

4.4 TERRAIN

Property elevation is generally 315m (McTavish Lake, south shoreline) to higher plateaus of 348m asl. Overburden cover is predominantly a veneer of glacial till typically ranging from 2 to 10 m thick with some areas of coarse grained, poorly sorted glaciolacustrine, organic swamp and the Bidgood mine tailings. The mine tailings range from 2 to 5m in depth. There is approximately 5 to 20% outcrop exposure on the Property.

5.0 HISTORY AND PREVIOUS EXPLORATION

5.1 EARLY REGIONAL HISTORY

The Kirkland Lake area has a long history of exploration and gold mining dating back to the turn of the 20th Century. Gold was first discovered in the region in 1906, specifically in the Swastika and Larder Lake areas. Production from the Gateford Mine and Swastika Mine began in 1910. Between 1910 and 2003, in excess of 40 million ounces of gold have been produced from 30 mines in the Kirkland Lake Mining District.

In 1911, W.H. Wright discovered gold near the northern end of Kirkland Lake. This led to other discoveries and culminated in the development of seven mines along the Kirkland Lake Main Break between 1912 and 1933; namely the Macassa, Kirkland Minerals, Teck-Hughes, Lakeshore, Wright-Hargreaves, Sylvanite and Toburn Mines.

5.2 PROPERTY HISTORY

The Lebel Gold Property represents of consolidation of eight mineral exploration properties that, until the late 1990's, were developed and explored by various companies and individuals. These properties include the Bidgood (including Bidgood #1 and #2 Mines), Moffat-Hall, Cambro (The Bouzan), Lebel Oro, King Kirkland, Kirkroyale (Kirk Conroyal), Lakeside Kirkland (Queen Lebel) and Gordon Lebel. In the late 1990's Goldaur Resources Inc. and later, Vault Minerals Inc. consolidated these individual properties into what is now known as the Lebel Gold Property. The Property consists of nine shafts, one past-producing mine (Bidgood #2), numerous surface showings and more importantly, a greater than 4 kilometer, linear, major structural system(s) that may be related to the Kirkland Lake Main Break.

A brief historical summary of these major sub-properties are provided.

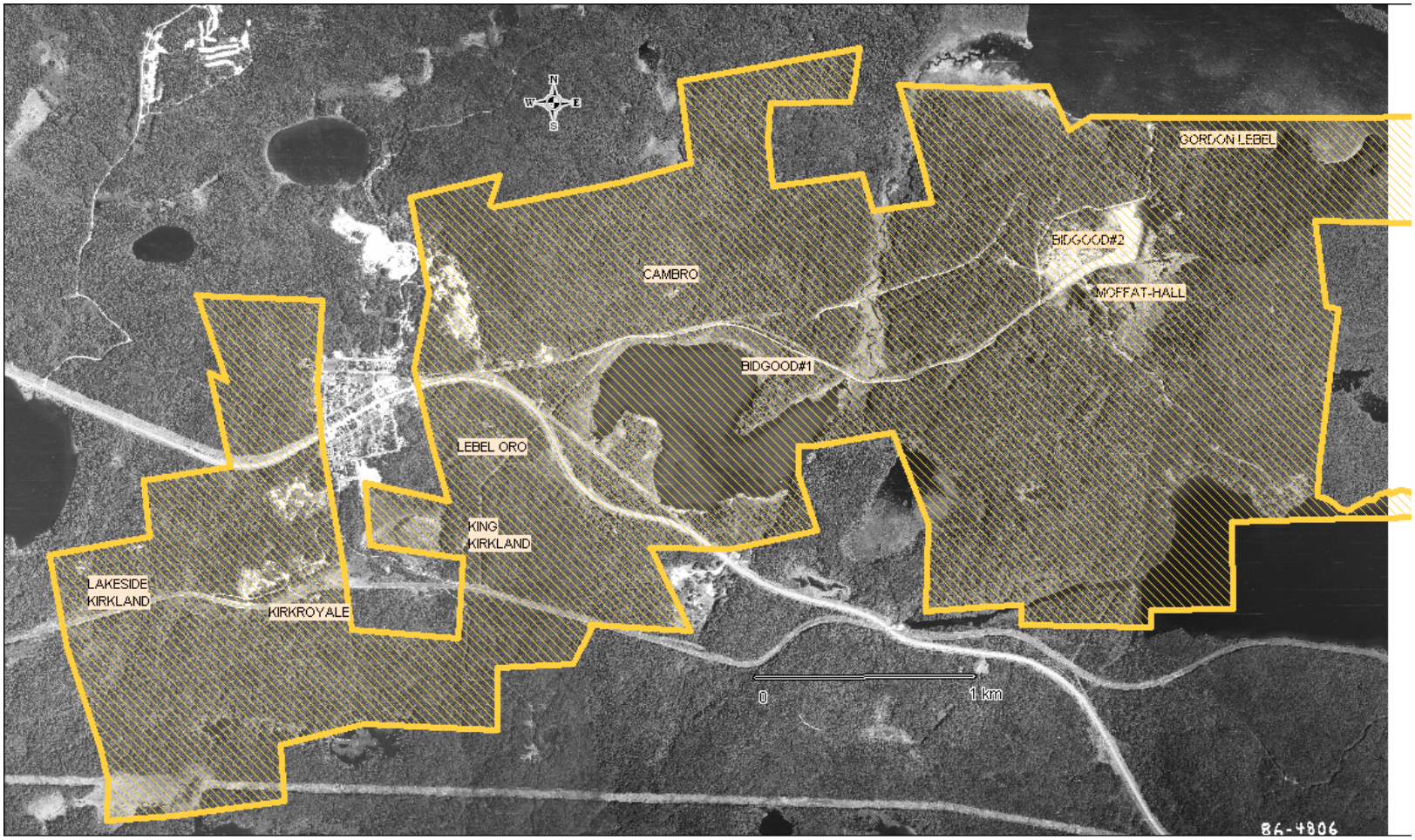


Figure 4. Lebel Sub-Properties

Bidgood #2 Mine

Development of the Bidgood #2 shaft commenced in 1928 following the discovery of free gold and telluride mineralization approximately 61 m west of the shaft. The shaft was developed to 150 m prior to suspending operations in 1931. Development and production operations resumed in 1933 with production coming from fourteen levels between 1934-49, and 1951 (Savage, 1964). A total of 16 levels were developed on 9 main vein sets to a depth of approximately 617 m, from the #2 shaft and from two winzes. A total of approximately 160,000 oz Au and 72,468 oz Ag were produced from 586,367 tons of ore at a recovered grade of 0.26 oz/t or 8.9 g/t Au (Parsons, 1980). Lytton Minerals optioned the property in 1987 and completed tailings sampling and 13 drill holes north and west of the shaft (Lytton Minerals, 1987). A letter recommending additional trenching in 1988 may have been part of this activity (Parsons, 1988). Vault completed an Induced Polarization survey over the property in 2004 that extended south over Moffat-Hall and southwest over Bidgood #1 mine (Walker, 2004).

Moffat-Hall Mine

The Moffat Hall property, current lease CLM327, was originally staked in 1917 and 1918. A 2-compartment shaft was developed to 167 m (550 ft.) in 1931-32. Approximately 853 m (2,800 ft.) of lateral workings were put in at the 150, 300, 425 and 550 foot levels. The mine closed in 1932. Between 1934 and -35, Bidgood Kirkland Gold Mines leased the Moffat-Hall and mined ore via a raise from Bidgood's 500 foot (152 m) level to Moffat Hall's 425 foot (129 m) level. Records show that 16,388 tons at a recovered grade of 0.29 oz/ton Au were extracted. Garfield "Red" Parsons, a key geologist who worked at the Bidgood mine, wrote a report on vein-ore control interpretation as well as mine lithology's and fault structures for both Bidgood and Moffat-Hall. This information is all that remains on record for the underground work. No underground drill hole information is available other than drill strings, underground level plan development and some colour geology available. The drill logs were apparently destroyed.

In 1954 Upper Canada Mines Limited completed trenching and drilled 12 holes on the Lebel Property. In 1967, Consolidated Virginia Mining Corporation carried out line cutting and re-sampled old trenches, followed by a 6 diamond drill hole program. The Moffat Hall property was staked by Mr. O'Connor in 1979 and optioned by the ENR Partnership which was absorbed by Silver Lake Resources Inc. Work done by Silver Lake included line cutting, magnetic, VLF-EM, IP surveys and diamond drilling of 43 holes near the Moffat Hall Mine, Blue Vein and Bidgood Break in 1981. In the late 1980's the property was explored by International Platinum. Later, Goldaur completed a trenching program and 9 diamond drill holes on a variety of targets.

Historical (non 43-101 compliant) high-grade drill intersections and surface channel samples (by Red Parsons) had returned: 124.8 g/t Au over 0.2 m, and 14.1 g/t Au over 1.0 m, while those representing open-pit potential include: 1.0 g/t Au over 36.5 m, 3.3 g/t Au over 10.2 m, and 1.4 g/t Au over 21.3 m.

Earlier drilling by Vault Minerals in 2003 returned 18.8 g/t Au over 0.93 m, 8.8 g/t Au over 1.15 m, and 30.6 g/t Au over 1.3 m, following up on a surface channel sample of 95.1 g/t Au over 2.7 m from the 85-1 (Blue Vein) Zone.

Bidgood #1 Mine

The Bidgood #1 mine was developed on the No. 9 vein, a quartz vein with variable disseminated pyrite, chalcopyrite, malachite, and telluride content. Several associated zones were delineated along a major feldspar porphyry and trachyte contact and grade was reported to be sporadic.

Bidgood Kirkland Gold Mines was incorporated in 1919 to develop the Bidgood #1 mine near Mud Lake and restructuring in 1923 resulted in property expansion and the development of the Bidgood #2 mine in 1928. Between 1919 and 1923, the Bidgood #1 shaft had been sunk to 180 m and 3 levels were opened up to test the No. 9 vein and the "blue vein" (Todd, 1928). The mine was dewatered in 1927 and exploration was carried out for 2 years. Operations were suspended in 1931 as resources apparently were transferred to the Bidgood #2 shaft.

King Kirkland Mine

King Kirkland Gold Mines was incorporated in 1920 following the discovery of a gold bearing vein by R. Montgomery in 1918 (Lovell, 1976). An inclined shaft was sunk on the No. 5 vein and a series of new veins were exposed on two levels from 1919 to 1921, primarily beneath King Lake. Tonopah Mining Company Limited completed additional drifting on the lower level in 1923. King Kirkland Gold Mines was reorganized into KirkKing Gold Mines Limited and the mine was dewatered, sampled and drilled in 1936.

Underground sampling of the 400 ft (122 m) level beneath King Lake delineated 1.0 g/t Au over 36.6 m and high grade zones were also delineated by drilling, including DD#5 from the 400 ft. level reported 10 g/t Au over 2.4 m (0.292 oz/ton Au over 8 feet, 4 feet true width) and DD #11, collared from the same location but with a 100 steeper dip intersected 10.3 g/t Au over 0.6 m (0.30 oz/ton over a core length of 2.0 ft), (Savage, 1964, ref. Craig, 1921 and Gillanders, 1937). Minor trenching and a single drill hole were completed in the 1970's with no reported results. In 1980 the Canadian Nickel Company Ltd. completed ground geophysics and two diamond drill holes near the King Kirkland prospect (Bennet, 1979).

A series of small programs were completed between 1982-94 by several junior companies and private entities. Surface geophysics, stripping, and two diamond drill holes extended the wide, low grade zone northeast of King Lake (K82-2 -1.2 g/t Au over 15.0 m) and higher grade mineralization defined in trenches at surface indicates the higher grade vein arrays may also extend along strike. A new showing, the Cliff Showing, was delineated to the east near the highway and several high grade values ranging up to 13.7 g/t Au over 0.91 m, (0.40 oz/t Au over 3.0 ft) were reported from surface sampling but two diamond drill holes failed to intersect mineralization at depth (Leahy, 1998).

Lebel-Oro Mine

The Lebel-Oro Mine consists of an inclined shaft sunk to 18 m in 1920 then deepened in 1923 to 61 m and opened up on two levels. The mine was dewatered in 1927 followed by 274 m of drifting and 137 m of crosscutting. Nipissing Mining Company optioned the property and completed 3 underground and 3 surface drill holes in 1928. Underground sampling obtained values ranging up to 50.7 g/t Au (1.48 oz/t Au) over 0.23 m (Lovell, 1976, ref. Todd, 1928). The shaft was dewatered a second time in 1936 and several underground and surface diamond drill holes were completed.

Geo-Technical Development completed surface mapping, geophysical surveys, and 8 diamond drill holes in 1948 (Leahy, 1998). New mineralization was intersected in the #3 hole 20.5 g/t Au over 0.43 m (0.60 oz/ton Au over 1.4 feet) and in the #4 hole 6 g/t Au over 0.39 m (0.18 oz/ton Au over 1.3 feet). Two additional sub-parallel zones were delineated immediately north of Lebel-Oro in 1984. A new vein located approximately 91 m (300 ft.) southwest of the Road Cut showing was trenched and sampled and values up to 30.6 g/t Au (0.90 oz/t Au) were reported from grab samples, (Parsons, 1984).

The Road Cut showing, a 20 m wide strongly altered, 050 azimuth trending deformation zone exposed on both sides of Highway 66, was sampled and drill tested. Outcrop and drill sampling failed to obtain high grade values of the road exposures. Sampling of highway fill float reported values ranging up to 10.3 g/t Au (0.30 oz/t Au) but was not sourced.

Kirk Royale Mine

The Kirk Royale shaft was sunk in 1924 and deepened the shaft to 140 m by a reorganized company in 1926. Additional work in 1928 included further deepening the workings via a winze to 340 m and development on two levels. Kirk Royale dewatered the mine in 1937 and completed additional sampling and diamond drilling. Additional drilling was completed in 1950 (1 ddh), and from 1959-63 by G. E. Harrison (10 ddh). T. Martin completed an additional 3 holes from 1971-72 (Lovell, 1976). No economic grades were reported from this activity.

The mine was dewatered, mapped and sampled by A.C.A. Howe International Limited in 1987 on behalf of Canadian Gold and Colray (Reukl, 1987). The work identified significant deformation and alteration along a major intrusive-volcanic contact with a minimum strike length of 76 m. Sampling obtained values ranging up to 5.47 g/t over 0.91m and larger lower grade zones ranging up to 1.83 g/t Au over 7.9 m.

Lakeside-Kirkland Mine

The Lakeside-Kirkland mine was originally developed by Queen Lebel Gold Mines Limited in 1921 that developed a 60 m shaft (No. 1 Shaft) on a quartz carbonate vein in claim L 2924. The Property was optioned to Anglo-Canadian Syndicate in 1923 and the shaft was deepened to 98 m, 180 m of development, and underground drilling.

In 1936 a second shaft was sunk west of the first and in 1938 it was deepened to 175 m and over 70 m of development was completed on two levels. Summary reports do not report grade

data, but indicate development of quartz-carbonate veins with disseminated molybdenite, pyrite, galena, sphalerite, and galena, which is typically associated with alkalic-type gold mineralization.

In 1941, the No. 1 shaft was dewatered, sampled, and drilled by Mining Research Corporation. At least 4 vein bearing zones were defined and underground drill values ranging up to 154.26 g/t Au (4.5 oz/t Au) over 1.5 m were reported (Mineral Research Corporation Limited, 1941). Single drill holes were completed in 1955 and 1962 by C. L. Bolland.

Cambro Shaft

Ontario Geological Survey map 53a (MacLean's) indicates the location of a shaft and a single drill hole extending south to the north shore of Mud Lake. This indicates that the development work was completed prior to his fieldwork in 1936. The shaft is located in a group of claims referred to by Lovell (1976) that originally were owned by Cambro Kirkland Mines Limited and that were sold to Bidgood Kirkland Mines Limited in 1929. Presumably the shaft work was completed prior to that date as there is no record in the Bidgood Mines data of any work on it. Goldaur completed surface sampling of the waste rock pile in 2000 but did not obtain any significant results (Leahy, 2000).

Gordon Lebel

Only two previous exploration programs were located in government assessment files. Gordon-Lebel Mines Ltd. completed 23 drill holes on the property from 1936-37. The results from the surface drilling that included holes ranging in depth from 201 to 1462 ft were not encouraging. The conclusions suggest there is potential at depth and that mineralization within the Bidgood #2 Mine may extend into the Gordon-Lebel property.

An undated report by Savage indicates two drifts on the 2025 ft level (617 m) of the Bidgood #2 mine were extended into the property and "…a small stope was mined out on the Gordon-Lebel property before Bidgood Kirkland Gold Mines closed down in 1949." A second Ontario Department of Mines report by Savage (Savage, 1964i) indicated "The stope was abandoned when the grade became too low."

Pamorex Minerals Inc. performed surface magnetometer and HLEM surveys followed by limited trenching and one diamond drill hole in 1990-91. The work was completed on CTL West target within in a large land package that extended north and east of the Bidgood #2 Mine property across McTavish Lake. A single trench and drill hole were completed on claim # L-6874. No significant values were obtained and no additional work was completed.

Lebel Gold Property – Consolidated Land Package 1997 to 2009

1997-2000:
Goldaur Resources Inc., a private company incorporated in 1997 began to acquire and consolidate property between 1998 to 2000 that would eventually become the Lebel Gold Property.

In 2000, five surface trenches were excavated on the 85-1 and Blue Vein Zones on the Moffat-Hall claim and returned gold values up to 95 g/t Au over 2.7m.

2003-2004:
In 2003, Goldaur merges with Vault Minerals Inc., a publicly listed company.
From November 2003 to January 2004, Vault completes nine NQ drill holes totaling 640 m designed to test the Moffat-Hall 85-1 Zone where 95 g/t Au over 2.7m was returned from surface sampling. All nine drill holes returned anomalous gold mineralization, >1g/t Au. A ground IP survey was completed at Bidgood #2 and at Moffat-Hall in 2004 and interpretation was provided.

2005:
On May 11, 2005 Vault Minerals Inc. enters into an Option Agreement with Placer Dome (CLA) Ltd. and later Goldcorp Canada Ltd. to explore certain claims on the Lebel Gold Property to earn an interest.

In 2005, Placer initiated the first surface exploration program on the consolidated Lebel Gold Property, without the Gordon Lebel, Simpson and some peripheral staked claims. Property scale surface mapping (including detailed structural interpretation), combined whole rock, petrography, ASD analysis, MMI soil and lake sediment sampling programs, as well as preliminary Bidgood Mine zone modeling was undertaken and recommendations for further work provided.

2006:
In the fall of 2006, a property scale drilling program was designed for the Lebel Gold Property consisting of 18 NQ size diamond drill holes (06-LB-001 to -018) totaling 2,786 metres with 1,631 drill core samples taken for Au and multi element ICP analysis. Drilling was completed in the following target areas:

Bidgood #2 Mine, Pipeline North, 85-1 Zone, Porphyry North, Bidgood #1 Mine, King Kirkland Mine

Highlights included 6.9 g/t Au over 1.0 m, 4.4 g/t Au over 2.8 m, 5.2 g/t Au over 1.0 m, and 16.3 g/t Au over 0.5 m.

The program was financed by Goldcorp as part of their earn-in considerations in regards to the Vault – Goldcorp Option Agreement. Analytical, descriptive, and modeling results were

reviewed, plotted in a variety of formats, and interpreted with conclusions and recommendations offered.

Outside of the Goldcorp-Vault Option Agreement, in the summer of 2006 Vault completed a surface mapping, surface line cutting, MMI soil sampling and two trenches on the Gordon Lebel Property. Observations, conclusions and recommendations were provided.

2007:
From May 30 to July 11, 2007 a 2,086 metre diamond drill program was completed from four drill holes LB07-19 to -22. The program was financed by Goldcorp and administered by Vault.

The drill program was designed to test for gold mineralization in epithermal splay & step-over veins spatially related to known shear-fault structures, namely the 85-1, Moffat-Hall, Main Bidgood and North Bidgood. Highlights included intersections of 14.1 g/t Au over 1.0 m, 8.3 g/t Au over 2.6 m, and 11.2 g/t Au over 1.0 m from the immediate mine area.

Recommendations for future exploratory work were provided.

2008:

Between January 19 to May 7, a twenty-drill hole program was completed with 5,236 m cored. Drilling was designed to test the Boundary, Discovery, Bidgood West Fault Array, Mud Lake and King Kirkland Zones. Goldcorp financed 3,859 metres of coring and Vault drilled the remainder on its 100% owned Gordon Lebel property situated along the north-eastern strike extent of several gold-bearing structures, including projected structures from the former producing Bidgood #2 gold mine. Vault's program tested the Boundary Zone, where prospecting identified several strongly-altered, mineralized shear zones, with grades up to 27.9 g/t Au over 0.3 m.

In 2008, drill hole LB08-35 intercepted two broad zones of up to 80% quartz flooding in a porphyry host and that returned 0.52 g/t Au over 17.8 m (456.2 to 474 m) and 0.83 g/t Au over 11.5 m (530 to 541.5 m). Drill hole LB08-36, located 100 m to the northeast of LB08-35, intercepted a shear zone returning 1.47 g/t Au over 3.0 m and may represent a related structural horizon. This shear zone, located under Mud Lake, was targeted due to anomalies delineated by 2005 lake bottom sediment sampling (Placer Dome). It became known as the KQS (Kirkland Quartz Stockwork) Zone. Drill hole LB08-40, located 700 m to the southwest of LB08-35, intersected an 8.7 m breccia zone from 154.5 to 163.2 m having up to 25% pyrite mineralization and returning 0.48 g/t Au over 4.5 m. 2008 drilling also intersected 10.2 grams of gold per tonne (g/t Au) over 1.1 m, 6.7 g/t Au over 1.4 m (within a zone grading 2.0 g/t Au over 13.7 m), and 7.3 g/t Au over 2.1 m (including 18.5 g/t Au over 0.6 m) at the Boundary Zone.

From September 8 to December 31, a diamond drill program was completed consisting of eight diamond drill holes (LB08-43 to -48 and extensions of 06-LB-016 and LB08-36) totaling 2,424 metres. The program was designed to test the KQS Zone at Mud Lake as intersected by drill hole LB08-35. -36 during the previous 2008 spring-summer drill campaign. Drill hole LB08-35 intercepted two broad zones with greater than 80% quartz flooding in a porphyry intrusive that returned 0.52 gAu/t over 17.8 m core length (456.2 to 474 m) and 0.83 gAu/t over 11.5 m core

length (530 to 541.5 m) with sections of fracture controlled pyrite, malachite and chalcopyrite. The hydrothermal system is analogous to quartz veining as intercepted in drill hole LB07-22 from 358.1 to 397.2m located immediately east of the past-producing Bidgood #2 Mine.

An overburden stripping program consisted of three trenches located west of the Bidgood #2 Mine having an aggregate surface cover removal of approximately 2,000 m3. The program was designed to expose the up-dip extension the quartz stockwork section as intersected in LB07-22.

Significant results of the trenching & drill programs are as follows;

At Mud Lake, drill holes LB08-35, 36 and 43 have identified a strong silica core (>80% quartz) within the larger QSZ with the following dimensions & grade:

strike: 510 m
depth: 350 m
width: 17 m (true widths not determined)
gAu/t: 0.46
gAg/t: 2.2
%Cu: 0.10

Surface trench TR08-11 uncovered a narrow fault trending 045 to 052 azimuth with eight grab samples returning an average of 37.9 gAu/t.

July to September 2009:

Between July and September, a four-hole drill program was completed through LB09-49 to -52 totaling 1,767 metres. The drill holes were designed to test the area between the King Kirkland Mine and KQS Zone.

Highlights from the program include drill hole LB09-49 returning up to 2.19 g/t Au over 5.15 m within a wider interval of 9.4 m grading 1.40 g/t Au, drill hole LB09-50 returning 1.12 g/t Au over 5.1 m and 1.91g/t Au over 2.05 m. Drill hole LB09-51 returned 0.92 g/t Au over 8.6 m on a porphyry-basic syenite contact, 300 m from the nearest drill hole, that intersected 11.2 g/t Au over 0.5 m and 5.3 g/t Au over 0.65 m in the previous drill program. Drill hole LB09-52 returned multiple gold anomalous zones, including 0.29 g/t Au over 49.05 m.

On November 17, 2009 Goldcorp allowed to lapse it's option agreement to acquire an interest in Vault's Lebel Gold Property with Vault retaining 100% title, right and interest to the Property. In November, Vault conducted surface stripping, mapping and sampling at 85-1, Blue Vein and Boundary Zones.

December 2009 to April 2010:

A diamond drill program, undertaken and financed by Vault, was designed to test the Boundary, Contact, Blue Vein and Bidgood Zones. A total of 67 drill holes were completed for a total of 5,584 m.

The Blue Vein and Boundary Vein were tested by drilling programs, with most drill holes designed for approximately 8 to 15 m centres, to assist in defining resources. Earlier trench channel samples returned up to 95.1 g/t Au over 2.7 m from the Blue Vein. The Blue Vein zone located 700 m south of the Bidgood Mine consists of at least 3 sub-parallel vein systems that are fault controlled. The BV1 occurs along a syenite-porphyry-wacke contact, while BV2 is completely contained within a porphyry body, at 420 metres west of BV1. Historic drilling (2003) includes intersections of 11.8 g/t Au over 2.8 m, 30.6 g/t Au over 1.3 m, 12.3 g/t Au over 1.1 m, and 18.8 g/t Au over 0.9 m to a depth of 100 m. The November 2009 Blue Vein trench channel samples returned 15.6 g/t Au over 1.8 m along 31 m from BV1 and 6.5 g/t Au over 3.1 m along 58 m on BV2, with sampling returned up to 73.0 g/t Au over 1.0 m. In early 2010, 23 shallow holes were drilled, totaling 1767 m, on BV1 and BV2. Hole BV10-23 on BV1 returned 7.7 g/t Au over 2.8 m (including 31.6 g/t Au over 0.6m), located 10 m west of previously reported hole BV09-04 that intersected 27.8 g/t Au over 1.4 m. On the BV2 area, hole BV10-18 returned 1.0 g/t Au over 32.8 m (including 9.6 g/t Au over 0.95 m) approximately 21 m to 45 m below surface. This intersection is located 90 m from historic (1989) intersection of 12.3 g/t Au over 1.1 m that formed part of a wide anomalous zone where sampling was incomplete. Other Blue vein drilling results include 14.3 g/t Au over 0.5 m (hole BV10-13) and 8.4 g/t Au over 0.85 m (hole BV10-8).

In 2009, surface trenching and chip sampling was undertaken on the Boundary Zone. It returned an average of 5.1 gAu/t across 3.0 m along an 18 m strike length with individual higher grade assays including 42.5 gAu/t over 0.4 m, 41.2 gAu/t over 0.5 m and 16.9 gAu/t over 0.6 m. A total of 32 shallow diamond drill holes (2979 m) targeted the Boundary Zone in late 2009, and into early 2010. The drill program reported 5.3 g/t Au over 5.75 m (within 3.4 g/t Au over 11.35m-hole B09-04) and 15.9 g/t Au over 1.0 m (within 5.5 g/t Au over 3.5m and within 1.7 g/t Au over 14.5 m-hole B09-13B).

At the same time as the Blue vein and Boundary vein were drilled by Vault Minerals, 9 holes totaling 837 metres were also drilled on two other targets, the Contact Zone, located 100 metres south of the Bidgood Mine and the Bidgood West , located 400 metres west of the Bidgood Mine. Results include 13.5 g/t Au over 0.8 m in the West Zone (hole BW10-01), and 2.9 g/t Au over 3.55 m in the Contact Zone (hole BC10-3).

In the winter of 2010, Vault performed a deep IP program over Mud Lake to assist in identifying possible mineralized targets at depth on the KQS Zone.

In April 2010, Vault amalgamated with Queenston and a diamond drill program started shortly thereafter in May 2010. This report is a summary of that drilling, which predominantly focused on targets within the Bidgood #2 Mine footprint and Boundary Zone.

6.0 REGIONAL AND PROPERTY GEOLOGY, MINERALIZATION

6.1 REGIONAL GEOLOGY

The KLGC occurs in the south-western portion of the Abitibi greenstone belt of the Archean Superior Province of the Canadian Shield and the regional geological setting of the Kirkland Lake area is typical of many gold camps located within the Superior Province. The KLGC occurs on the southern limb of the regional Blake River synclinorium, the northern and southern limbs of which are truncated respectively by the Destor-Porcupine Fault ("DPF") and the Cadillac-Larder Lake Break ("LLB") with its associated deformation corridor (the LLDZ). The majority of the historical gold production in the Abitibi Greenstone Belt is spatially associated with these two major regional structures (Queenston, 2001 Annual Report).

In the Kirkland Lake area, the LLB is considered to be a major east-west trending thrust fault that developed along the contact zone between mafic and ultramafic rocks of the Larder Lake Group to the south and mafic volcanic rocks of the Kinojevis Group to the north. Through recent age dating and review by the Ontario Geological Survey, these rocks have recently reclassified as parts of Tisdale Group and the Blake River Group respectively.

Expansion along the LLB created a graben-like basin which was filled with calc-alkaline volcanic and clastic sedimentary rocks of the Timiskaming Group. Later compression of this region created parallel and splay faults in both the Timiskaming and Lower Tisdale Group (Larder Lake Group) rocks along which many of the gold deposits of the KLGC were formed.

Today the LLB represents an unconformity between the Lower Tisdale Group rocks to the south and a 0.6 km to 5 km thick section of Timiskaming Group sedimentary and volcanic rocks to the north. Both the major rock groups in the area have been intruded by gabbroic and mafic-felsic intrusions, the most prominent are the Lebel Stock, Otto Stock, Murdoch Creek Stock and the Round Lake Batholith (Queenston, 2008 Annual Information Report).

The Timmins-Kirkland Lake segment of the Abitibi Greenstone Belt has been divided into nine supracrustal assemblages, as described in Table 1. Assemblages are described in order of increasing age.

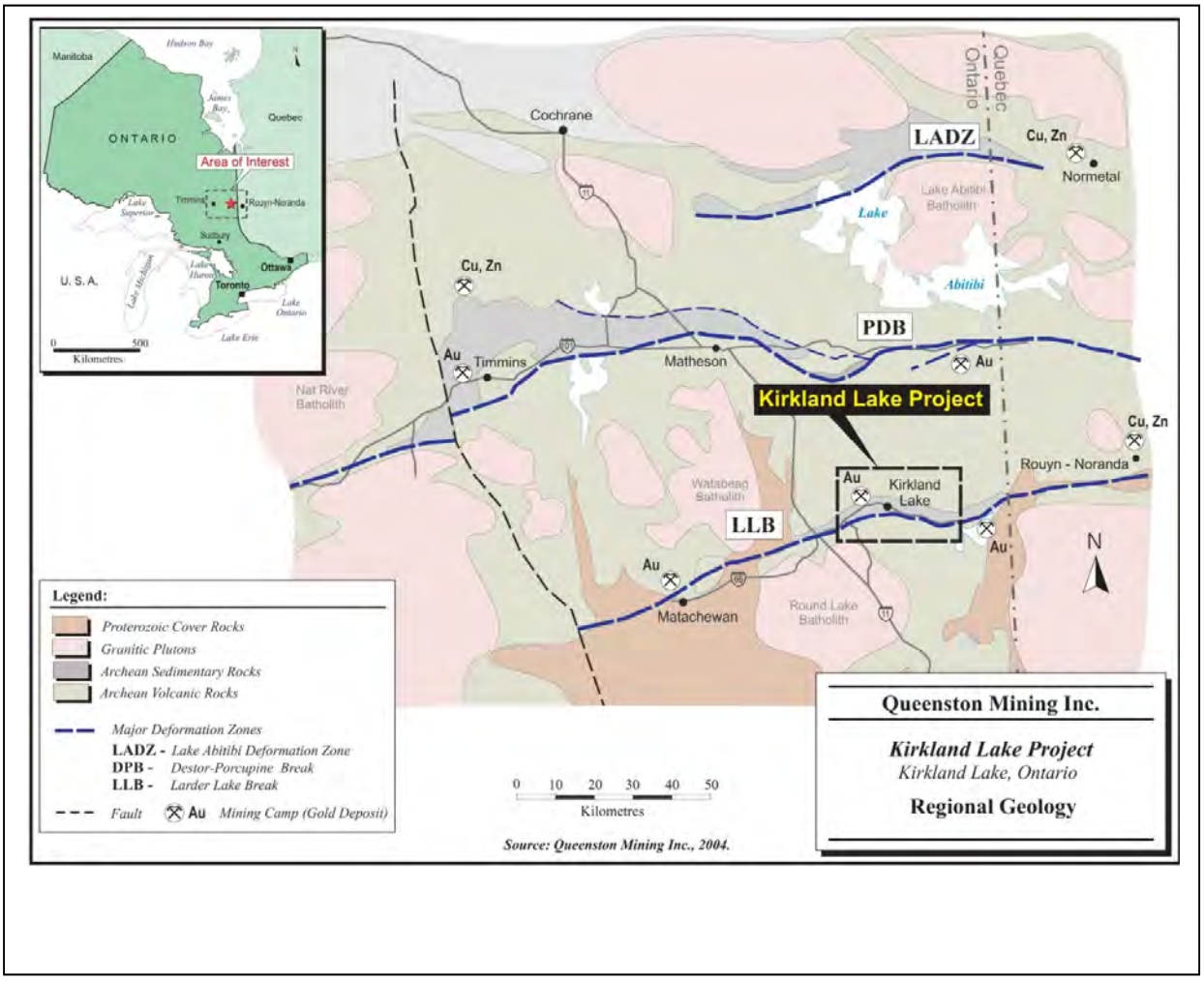
Table 1

SUPRACRUSTAL ASSEMBLAGES OF THE TIMMINS-KIRKLAND LAKE SEGMENT OF THE ABITIBI GREENSTONE BELT (SOURCE: RPA, 2004)

Assemblage	Description
Timiskaming	Contains sedimentary and alkali volcanic rocks including iron formation, such as Upper Canada and Macassa Mines.
Porcupine	Comprises sedimentary and calc-alkalic volcanic rocks including iron formation.
Upper Blake River	Comprised of mostly calc-alkalic volcanic rocks, such as at the Noranda Camp.
Lower Blake River (Kinojevis)	Comprised of mostly tholeiitic basalts, such as at the Holt McDermott Mine.

Upper Tisdale (Gauthier)	Comprised of calc-alkaline felsic to intermediate volcanics exhibiting flow and debris flow characteristics and associated volcaniclastics sediments.
Lower Tisdale (Larder Lake)	Comprised of mostly komatiitic, tholeiitic and calc-alkalic volcanic rocks and iron formation, such as at the Kerr Addison Mine, McBean Mine and Anoki deposits.
Kidd-Munro	Comprised of komatiitic, tholeiitic and calc-alkalic volcanic rocks.
Stoughton-Roquemaure	Comprised of komatiitic, tholeiitic and calc-alkalic volcanic rocks.
Deloro	Comprised of tholeiitic and calc-alkalic volcanic rocks and iron formation
Pacaud	Comprised of komatiitic, tholeiitic and calc-alkalic volcanic rocks.

Precious metal production in the Kirkland Lake Gold Camp has exceeded 40 million ounces (Risto et al, 2008) from 30 mines. Most of the gold production in the area has come from quartz veins associated with the Kirkland Lake Main Break ("KLMB"), which is interpreted to be a splay structure related to the LLB.



(Sourced from Agnerian, 2004)

Figure 5. Regional Geology

6.2 PROPERTY GEOLOGY

The Lebel property covers 7.7 km of the favourable Timiskaming Group of flows, tuffs and sediments with syntectonic dykes, sills and plugs of diorite, syenite and feldspar porphyry along strong structures that are splays off of the Larder Lake Break. The Main Break, the structure that hosts the seven big mines of Kirkland Lake, extends west of Teck township, where it is offset by the Murdock Creek fault. The offset portion is thought by Queenston geologists to extend through the Lebel property where it becomes the host structure for Bidgood ore. The Bidgood mine area hosts gold in dark grey quartz veins with associated molybdenum, massive pyrite veins (replacing magnetite), and locally chalcopyrite. There are at least 24 separate veins, all structurally controlled and all with haloes of further pyrite (+/- sericite, epidote, and leucoxene) that are also gold-bearing. These veins are splays off of two north-eastern trending structures known as the North Break, and the Main Break. The primary host rock is a diorite, and locally diorite breccias, with quartz-feldspar porphyry surrounding it and locally cutting through it as dykes. Basic syenite, and argillite are important hosts elsewhere on the property. The Cadillac-Larder Lake Break, which separates the Timiskaming and Tisdale assemblages in this area is located further south on the Pawnee and Commodore claims.

Lower Blake River (Kinojevis) Assemblage

Mafic Volcanic Flow

Mafic volcanic flows observed in the north end of the property are coarse grained and amphibolitic and may be coarse flows, mafic ash tuff, or amphibolitized flows. The rocks weather a medium grey-green and are medium to dark green on fresh surface.

Timiskaming Assemblage

Polymictic Conglomerate

The basal conglomerate is a polymictic conglomerate that according to MacLean (1956) contains jasper clasts and represents weathering of exposed basement at the onset of deposition of the Timiskaming assemblage. Jasper clasts were found in most of the conglomerate units during the 2005 mapping program.

Polymictic conglomerate varies from clast to matrix supported, and contains up to 50% subangular to subrounded clasts that range in diameter up to 15 cm but typically average about 4 cm. Clast composition is extremely variable but typically includes syenitic intrusion variants, basement lithologies such as mafic volcanic flows, magnetite iron formation, jasper, with reworked tuffaceous material typically as matrix. The rocks typically weather light to medium grey-green but can vary to dark brown due to carbonate alteration and are typically medium grey-green on fresh surfaces, varying with clast content. Primary bedding is readily observable throughout the property and includes graded bedding, coarse to fine conglomerate bedding and conglomerate-wacke bedding. Many conglomerates have a weakly magnetic matrix.

Wacke

Wackes are typically fine grained versions of the polymictic conglomerate and range from coarse, pebbly wacke to fine grained silty wacke. The units weather medium grey-green to grey and are medium grey to grey-green on fresh surfaces. Thin (2-10 mm) laminae are common and graded bedding was observed locally. Most of the wacke units mapped are located along the southwest corner of the property within the LLDZ deformation zone and are typically well altered.

Argillite

One argillite unit is found in the immediate vicinity of the Boundary Zone. It is an aphanitic olive green mudstone with bedding, and commonly with rip-up angular clasts.

Trachyte - massive, porphyritic, amygdaloidal

Trachyte flows are extremely variable due to primary composition that varies from mafic to felsic, and due to superimposed alteration. Trachyte flows weather medium grey and are dark to light grey, green, pink, dark purple and brown on fresh surfaces. Massive flows occasionally contain 2-10 mm bands assumed to be flow banding or flow related textures.

Porphyritic flows can contain up to 60% phenocrysts. Mafic porphyritic flows typically contain up to 25%, 2-5 mm augite, but can also contain up to 15% aegerine or pigeonite that weather recessively. Intermediate to felsic porphyritic flows are mineralogically diverse and contain variable amounts of pseudoleucite (up to 60%), plagioclase (up to 30%), K-feldspar (up to 30%), leucite (up to 7%), and nepheline (up to 7%). Amygaloidal varieties occur locally and contain up to 10%, <10 mm carbonate amygdules. Epidotization, hematization, carbonatization and chloritization of trachyte flows is common. Magnetic varieties are common, but magnetism does not appear to be related to hydrothermal alteration as relatively pristine units as well as altered units are magnetic.

Tuff – ash, crystal

Lapilli to ash tuff units are extremely variable in appearance ranging from grey to buff to purple-grey on weathered surfaces and medium green to grey to dark purple on fresh surfaces. Recessive weathering of the intragranular spaces is not uncommon. Individual beds can contain up to 20% crystals, which can include K-feldspar, plagioclase, and nepheline.

Tuff units typically have a granular texture but lack the micaceous and lithic content of wackes. Massive and bedded tuff varieties were observed with bedding typically ranging from 10-30 cm. Graded bedding was observed locally. Tuff units are variably magnetic.

Mafic Syenite (also basic syenite, lamprophyre)

Several mafic syenite units are indicated on Map 53a (MacLean) within the property. Several were sampled during the 2005 mapping program but only a few approach true mafic syenite by mineralogy or composition. The more mafic syenites typically contain up to 65% K-feldspar and up to 20% augite, weather medium to light grey, and are medium grey on fresh surfaces.

Variations include pink and green tinged varieties due to hematite and chlorite/epidote alteration, respectively. Several units of wide basic syenite have been discovered from drilling in the period 2008-2010; the 1944 government map does not show these units.

Syenite

Several intrusive rocks were mapped in the field as syenite. All weathered medium to light grey and were medium grey with <20% mafic minerals. Subsequent petrographic analysis indicates all are monzonite, comparable to the larger feldspar porphyry (Porphyrite) unit that extends through the south half of the property. Syenite units generally have a red brown to purple-red colour in core, are homogeneous, weakly to moderately magnetic locally, non carbonated and contain up to 5% black xenoliths.

Quartz Porphyry

There are several quartz porphyry intrusions adjacent to the gabbro intrusion at Bidgood #2

Mine, in the Boundary Zone area as well as a few immediately west of the property flanking mafic syenite intrusions that extend into the property. The quartz porphyry intrusions are similar to the feldspar porphyry intrusions elsewhere on the property, they weather light grey and are medium grey on fresh surface with colour variation due to alteration. Plagioclase is the dominant phenocryst, followed by amphibole and potassic feldspar. In core, they are always non magnetic, pale grey to white to light lime green in colour, competent, homogeneous, with 1-3% ubiquitous coarse disseminated pyrite, 1-5% chlorite fractures and consist of 30% anhedral 0.3 cm glassy-greenish quartz phenocrysts.

Bimodal Porphyries

The bimodal porphyries are relatively narrow, dyke-like units that are usually gold-barren, fresh, competent, homogeneous, brown-red to purple in colour, non-magnetic, non-carbonated, with 10% 0.6 cm euhedral feldspar phenocrsts and 30% feldspar 0.3 cm phenocrysts. Underground, lamprophye dykes are similar to the bimodal porphyries in that they are apparently late, having no gold content and having a “damming effect” on the gold-bearing fluids such that gold grades decrease away from them and the contacts are often mineralized.

Diorite

Several types of diorite are historically described on the property. The central stock is far more extensive than the 1944 government map indicates; recent drilling has uncovered its eastern extent at the Boundary Zone. It is the primary host of the Bidgood #2 and Moffat-Hall mines. The four sub-units described are diorite, ilmenitic diorite, epidote diorite, and diorite breccia. The diorite is a fine to medium grained unit that can occasionally grade into gabbroic textures. Feldspar groundmass holds 50% black mafics (chlorite after hornblende), often with alteration products of iron such as epidote, leucoxene, specularite, and on its southern contact, magnetite. It is usually highly magnetic. The ilmenitic and epidote diorites are also historical classifications, but they are intermixed with the other two units. There are variations in epidote content from rare to 3-5%, usually as clots and fracture-filling veins. The diorite breccia is found on the north

half of the stock (and locally on the west side) and consists of 10% -20% rounded breccia fragments up to 0.1 m with resorbed, rounded contacts. It is usually non-magnetic.

Feldspar Porphyry (Porphyrite)

The largest geological unit on the property is the feldspar porphyry, or Porphyrite of MacLean (1944). The rock weathers light grey and is typically medium to light grey on fresh surfaces and the weathering rinds often have an orange tinge due to weathered pyrite and/or ankerite.

The main intrusive body extends from the west end of the property where it is approximately 150 m wide, thickens east of King Kirkland in the Mud Lake area to approximately 1500 m and narrows further east to just under 1000 m at the eastern contact. The width of the main body narrows significantly where it intersects the Long Lake fault and it also has an apophysis that extends northwest along S2 folded stratigraphy. The unit has been grouped into a single, homogenous unit due to the mapping scale but detailed mapping around trenches by previous workers has shown the unit consists of multiple phases. Two separate varieties occur in the Bidgood #1 mine area, including a bimodal porphyry. More massive varieties, although still porphyritic, occur south in the King Kirkland and southwest of Moffat-Hall mine. Previous workers describe relict textures of conglomerate, trachyte, and sediments locally within the large unit, and conglomerate-like textures are present in 2005 Trench 4. However, these are considered roof-pendant type remnant features. Therefore, all occurrences were initially termed feldspar porphyry and subsequently modified by petrographic analysis.

QFP Feldspar Porphyry

The Quartz-Feldspar porphyry is a non-magnetic unit, often occurring as dykes, with 10%-30% anhedral 0.3 cm glassy-greenish quartz phenocrysts plus 10%-30% subhedral pinkish-white feldspar phenocrysts. Plagioclase is the dominant phenocryst. It sometimes contains rare dark grey xenoliths up to 0.6 cm. When altered, they are frequently sericitized.

6.3 MINERALIZATION CHARACTERISTICS

At Bidgood #2 Mine, gold and associated mineralization are found within veins numbered 1 to 21, and at Moffat-Hall are numbered 1 and 2. Subordinate splays are common and are often cited as carrying significantly higher grades. Mineralized veins commonly consist of massive coarse pyrite with local dark grey to dark blue quartz, typically combining for 1.3 cm to 0.3 m widths. Sometimes a calcite vein is intimately associated. Associate minerals but occurring to a lesser extent include silver, molybdenite, chalcopyrite, calaverite+altaite (tellurides), rare galena, tourmaline, and strontianite. For veins in the southern portion of the mine area, host diorite is highly magnetic, with frequent 0.3 cm magnetite veining, and 3-5% epidote. Within this southern area, the diorite is altered proximal to veining with;

- magnetite altering to coarse disseminated and vein pyrite (vein areas are generally non-magnetic, although locally magnetite is part of the mineralization);

- ilmenite altering to a light lavender and cream coloured leucoxene (localized to mineralized areas);
- epidote forming as spots, patches, streaks, stringers (both generally and with increasing percentage proximal to mineralized areas);
- saussuritization having weak to high bleaching plus silicification;
- weak hematization, and chlorite-silica veining forming and grading into the dark grey-blue quartz veins.

Free gold is present usually within the dark grey-blue quartz veins, rarely in pink-orange calcite veins, and also coating molybdenite slips/faults and coating massive pyrite veins. Gold is also found within inclusions in pyrite.

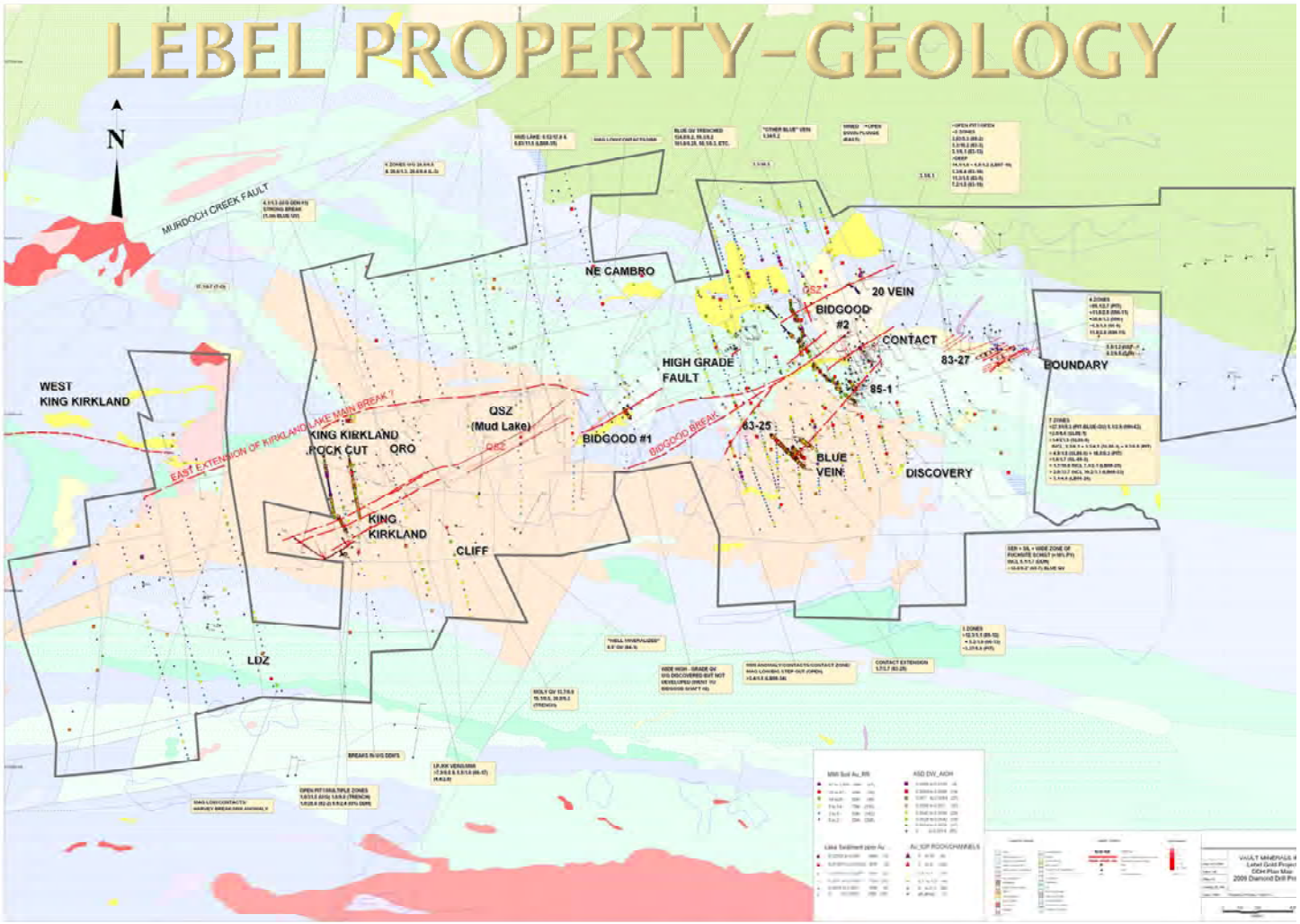


Figure 6. Property Geology

7.0 2010-2011 DIAMOND DRILL PROGRAM

7.1 2010 DIAMOND DRILL PROGRAM

From May to December 31, 2010, 95 drill holes were completed at the Bidgood #2-Moffat-Hall Mine complex for a total of 16,133.55 m. Coring came from drill holes BG10-01 to -33 (including BG10-18B, -18C), BG10-36 to -73, BG10-75 to -80, BG10-86, BG10-90 and BG10-92 to -105.

South Zone

Targets included multiple vein systems that were identified during the development of the production years and included the #1 and #2 Veins at Moffat-Hall and #15, #20, #6, #11 Veins at Bidgood #2 Mine. The target area is now identified as the "South Zone". Drill holes were designed, either collectively or singularly, to define near surface open-pit and deep higher grade potential of known vein trends.

North Zone

Approximately 225 m north of the South Zone and closer to the Bidgood #2 shaft, drill efforts focused on testing strike and plunge extensions of the #1, #2, #3, #12 and #14 Vein systems, now identified as the "North Zone".

Besides testing for known veins, the program also explored for new vein discoveries particularly immediately northwest of Bidgood #1, #2 and #3 Vein horizon.

Diamond Drill Company

In 2010, Cabo Drilling (Ontario) Corp.[1] performed all of the diamond drill activities at Bidgood.

7.2 2011 DIAMOND DRILL PROGRAM

South and North Zones

From March 10 to December 31, 2011, 91 drill holes were completed at the Bidgood #2-Moffat-Hall Mine complex for a total of 20,084.2 m. Coring came from drill holes BG11-34, -34A, 35, BG11-74, BG11-81 to -85, BG11-87 to -89, BG11-91, BG11-106 to -149 (including -112A, -113A, -114A), BG11-152 to -180 (including -153A) and BG11-182. Given that BG11-128 and BG11-139 have already been submitted for assessment work credits[2], only 18,806.2 m will be submitted for assessment work credits from this program.

2011 South Zone drilling was specifically planned to continue testing the Moffat-Hall #1 and #2 Veins and Bidgood #15, #20, #6 and #11 Veins with the intent of developing a near-surface 43-

[1] Cabo Drilling (Ontario) Corp. Box 998, 34 Duncan Avenue North, Kirkland Lake, ON P2N 3L3 Tel: (705) 567-9311

[2] Sutton, M. "Lebel Gold Project, Diamond Drill Report. BG11-128, BG11-139", March, 2012.

101 gold resource. On December 1, 2011 a NI43-101F1 Technical Report[3] for Bidgood South and Boundary Zones was signed and submitted and represented the first resource generated at Bidgood–Moffat-Hall since mine closure in 1951.

In regards to the North Zone, drilling followed up on zones discovered in 2010 mainly #12, #10, #14, #1, #2, and #3. Deep drilling was also initiated below the Bidgood's deepest level (2025 Level) to test the #21, #24 Veins as well as anomalous historical drill gold intercepts from that Level.

Boundary Zone

Between January 25 to March 9, 2011, 9 drill holes were completed for a total of 1,566 m at the Boundary Zone. Drill holes, including BZ11-38 to -46 (and BZ11-35A), were designed to fill in gaps between previous drill holes and to expand the zone along dip and strike. It was anticipated that this drilling would generate a resource at Boundary. As previously provided, on December 1, 2011 a NI43-101F1 Technical Report for Bidgood South and Boundary Zones was signed and submitted.

Mud Lake Zone

From January 12 to April 2, 2011 and June 26 to July 25, 2011, fourteen drill holes were completed at Mud Lake and Bidgood #1 Mine totaling 5,125.35 m. Drill holes ML11-01 to -13 (including ML11-11A) were designed to test King Quartz Stockwork ("KQS") and possible Kirkland Main Break trend as discovered in 2008 with drill hole LB08-35, associated structures on the Mud Lake 'south arm', Bidgood #1 Mine vein systems and deep IP anomalies as provided in a February 2010 survey of the KQS Zone.

Diamond Drill Company

In 2011, Cabo Drilling (Ontario) Corp. performed all of the diamond drill activities at Bidgood, Boundary and at Mud Lake.

[3] P&E Mining Consultants Inc. "Technical Report and Resource Estimate for the Lebel Gold Deposit of the Kirkland Lake Gold Project, Lebel Township, Kirkland Lake." NI43-101F1 Technical Report No 209. Signing Date:December 1, 2011.

7.3 2010 DIAMOND DRILL SUMMARY – BIDGOOD

Hole_ID	Project	East_UTM	North_UTM	Elevation	Azimuth	Dip	Length	Casing (m)	Cap	Logged_By
BG10-01	Bidgood	580796.0	5335479.5	337.0	130.9	-45.9	171.0	21	Y	D.McCormack
BG10-02	Bidgood	580796.2	5335480.9	336.9	122.3	-58.5	263.0	21	Y	D.McCormack
BG10-03	Bidgood	580705.4	5335804.2	339.5	88.8	-68.0	442.4	1.5	Y	D.McCormack
BG10-04	Bidgood	580705.1	5335804.1	339.5	95.0	-71.0	390.0	1.5	Y	M.Sutton
BG10-05	Bidgood	580566.1	5335813.6	330.0	91.0	-65.0	456.0	4.5	Y	R.Zalnieriunas
BG10-06	Bidgood	580796.7	5335480.7	336.9	133.8	-54.0	222.0	18	Y	D.McCormack
BG10-07	Bidgood	580690.7	5335862.4	331.0	89.0	-61.7	525.0	3	Y	M.Sutton
BG10-08	Bidgood	580796.3	5335480.3	336.8	102.5	-50.0	263.0	20	Y	D.McCormack
BG10-09	Bidgood	580896.9	5335401.7	337.9	188.7	-54.0	80.0	6	Y	D.McCormack
BG10-10	Bidgood	580896.2	5335403.1	338.0	140.4	-78.0	102.0	3	Y	D.McCormack
BG10-11	Bidgood	580897.5	5335402.0	338.0	126.8	-39.0	81.0	7.5	Y	D.McCormack
BG10-12	Bidgood	581116.5	5335513.4	333.7	322.1	-63.0	324.0	6.5	Y	M.Sutton
BG10-13	Bidgood	580897.8	5335403.0	337.9	94.1	-40.0	71.0	9	Y	D.McCormack
BG10-14	Bidgood	580908.8	5335425.9	336.8	178.8	-63.0	80.0	3	Y	D.McCormack
BG10-15	Bidgood	580908.1	5335426.7	337.1	90.8	-51.0	81.0	3	Y	D.McCormack
BG10-16	Bidgood	580909.3	5335427.0	337.1	76.1	-42.0	81.0	3	Y	D.McCormack
BG10-17	Bidgood	580705.6	5335804.1	339.5	92.2	-66.0	369.0	1.5	Y	M.Sutton
BG10-18	Bidgood	580705.6	5335804.3	339.5	90.6	-65.0	111.0	28.5	Y	M.Sutton
BG10-18B	Bidgood	580705.0	5335805.0	335.1	83.0	-65.0	15.0	1.5	Y	M.Sutton
BG10-18C	Bidgood	580705.9	5335804.5	339.4	94.2	-65.0	417.0	1.5	Y	M.Sutton
BG10-19	Bidgood	581030.5	5335788.2	332.4	186.7	-74.5	384.0	4.5	Y	M.Sutton
BG10-20	Bidgood	580705.8	5335803.6	339.4	112.9	-66.0	420.0	1.5	Y	M.Sutton

Hole_ID	Project	East_UTM	North_UTM	Elevation	Azimuth	Dip	Length	Casing (m)	Cap	Logged_By
BG10-21	Bidgood	580856.0	5335446.8	334.8	89.0	-64.8	159.0	8.2	Y	D.McCormack
BG10-22	Bidgood	580855.7	5335446.7	334.8	91.7	-70.5	171.0	6.6	Y	D.McCormack /M.Sutton
BG10-23	Bidgood	580911.0	5335418.8	336.6	320.5	-42.0	60.0	4.5	Y	D.McCormack
BG10-24	Bidgood	580974.7	5335413.0	335.2	313.2	-62.0	246.0	4.5	Y	M.Sutton
BG10-25	Bidgood	580858.3	5335431.0	334.5	157.3	-64.8	120.0	7.5	Y	M.Sutton
BG10-26	Bidgood	580896.4	5335402.4	338.0	173.0	-60.0	56.0	6	Y	M.Sutton
BG10-27	Bidgood	580909.6	5335426.8	337.1	132.3	-64.5	54.0	1.5	Y	M.Sutton
BG10-28	Bidgood	580855.0	5335446.2	334.6	159.2	-67.8	159.0	7.5	Y	D.McCormack
BG10-29	Bidgood	580931.8	5335703.0	336.0	176.0	-59.0	162.0	1	Y	M.Sutton
BG10-30	Bidgood	580882.2	5335386.6	336.8	173.4	-42.0	51.6	3	Y	D.McCormack
BG10-31	Bidgood	580936.8	5335432.7	334.8	181.5	-53.0	80.0	7	Y	D.McCormack
BG10-32	Bidgood	580932.6	5335702.6	336.0	117.6	-64.0	162.0	1.5	Y	M.Sutton
BG10-33	Bidgood	580935.7	5335448.3	334.5	207.8	-72.0	80.0	4.5	Y	D.McCormack
BG10-36	Bidgood	580421.8	5335579.1	326.6	98.6	-65.0	462.0	7.5	Y	M.Sutton
BG10-37	Bidgood	580937.3	5335431.9	334.9	102.9	-49.0	80.0	4.5	Y	D.McCormack
BG10-38	Bidgood	580421.8	5335577.5	326.7	80.0	-62.0	438.0	3	Y	M.Sutton
BG10-39	Bidgood	580935.3	5335448.5	334.6	107.0	-62.0	59.0	3	Y	D.McCormack
BG10-40	Bidgood	580934.9	5335448.9	334.6	310.0	-42.0	93.3	3	Y	D.McCormack
BG10-41	Bidgood	580903.2	5335397.3	337.2	307.8	-42.0	50.0	6	Y	D.McCormack
BG10-42	Bidgood	580739.5	5335608.0	338.2	145.6	-56.0	219.0	36	Y	M.Sutton
BG10-43	Bidgood	581030.0	5335786.0	332.6	187.0	-66.1	420.0	4.5	Y	M.Sutton
BG10-44	Bidgood	580825.9	5335773.0	337.4	116.8	-49.0	516.0	3	Y	M.Sutton
BG10-45	Bidgood	580863.7	5335400.6	335.3	182.1	-42.0	80.0	3	Y	D.McCormack
BG10-46	Bidgood	580856.9	5335436.5	334.7	173.3	-51.1	132.0	9	Y	D.McCormack

Hole_ID	Project	East_UTM	North_UTM	Elevation	Azimuth	Dip	Length	Casing (m)	Cap	Logged_By
BG10-47	Bidgood	580857.0	5335436.3	334.7	156.2	-58.9	111.0	9	Y	D.McCormack
BG10-48	Bidgood	580625.8	5335707.3	334.5	95.7	-67.0	270.0	1.5	Y	M.Sutton
BG10-49	Bidgood	580615.8	5335719.5	332.9	102.4	-47.0	186.0	3.7	Y	M.Sutton
BG10-50	Bidgood	580873.2	5335462.3	335.5	110.9	-52.5	131.0	6	Y	D.McCormack
BG10-51	Bidgood	580875.5	5335462.3	335.2	85.6	-49.0	125.0	6	Y	D.McCormack
BG10-52	Bidgood	580747.4	5335724.5	338.6	169.6	-46.5	159.0	6	Y	M.Sutton
BG10-53	Bidgood	580863.2	5335400.4	335.3	185.9	-42.0	80.0	6	Y	D.McCormack
BG10-54	Bidgood	580918.7	5335659.9	336.1	168.2	-59.0	81.0	3	Y	M.Sutton
BG10-55	Bidgood	580917.3	5335659.8	336.0	184.0	-42.0	81.0	3	Y	M.Sutton
BG10-56	Bidgood	580650.1	5335633.8	336.5	136.7	-67.0	348.0	3	Y	R.Zalnieriunas
BG10-57	Bidgood	580917.7	5335660.5	336.0	117.0	-44.0	81.0	3	Y	M.Sutton
BG10-58	Bidgood	580855.8	5335446.6	334.7	103.9	-68.3	136.0	7.5	Y	M.Sutton
BG10-59	Bidgood	580858.4	5335431.9	334.6	131.5	-64.0	120.0	9	Y	M.Sutton
BG10-60	Bidgood	580918.8	5335659.8	336.1	161.3	-45.0	81.0	3	Y	M.Sutton
BG10-61	Bidgood	580871.4	5335572.5	336.8	156.5	-45.0	81.0	16.5	Y	D.McCormack
BG10-62	Bidgood	580913.7	5335557.6	336.2	157.2	-45.0	81.0	27	Y	M.Sutton
BG10-63	Bidgood	580876.8	5335464.8	335.2	19.5	-45.0	48.0	9	Y	M.Sutton
BG10-64	Bidgood	580843.7	5335661.8	337.9	135.3	-45.0	81.0	9.3	Y	M.Sutton
BG10-65	Bidgood	580752.1	5335652.0	338.6	143.3	-45.0	81.0	6	Y	M.Sutton
BG10-66	Bidgood	580654.9	5335662.1	335.8	154.8	-45.0	84.0	7.5	Y	M.Sutton
BG10-67	Bidgood	580876.5	5335463.2	335.2	19.5	-62.6	51.0	6	Y	M.Sutton
BG10-68	Bidgood	580885.2	5335554.4	336.8	190.3	-48.0	90.0	27	Y	M.Sutton
BG10-69	Bidgood	580885.2	5335554.4	336.8	192.0	-52.0	42.0	16.5	Y	M.Sutton
BG10-70	Bidgood	580844.1	5335498.9	336.8	120.0	-59.0	49.0	15	Y	M.Sutton
BG10-71	Bidgood	580872.0	5335462.2	334.8	135.5	-76.2	171.0	4.5	Y	M.Sutton / R.Zalnieriunas

Hole_ID	Project	East_UTM	North_UTM	Elevation	Azimuth	Dip	Length	Casing (m)	Cap	Logged_By
BG10-72	Bidgood	580811.1	5335482.6	336.9	113.2	-44.4	197.0	18.5	Y	M.Sutton/ R.Zalnieriunas
BG10-73	Bidgood	580810.2	5335483.4	336.9	108.2	-47.4	195.0	18.6	Y	M.Sutton
BG10-75	Bidgood	580917.6	5335661.4	336.3	168.8	-66.0	90.0	3	Y	M.Sutton
BG10-76	Bidgood	580811.2	5335482.9	337.0	124.3	-47.1	180.0	21	Y	M.Sutton
BG10-77	Bidgood	580796.8	5335479.6	336.8	136.9	-46.8	200.0	21	Y	D.McCormack
BG10-78	Bidgood	580810.6	5335483.2	336.8	105.6	-47.2	225.0	18.6	Y	M.Sutton
BG10-79	Bidgood	580809.3	5335482.8	336.9	124.2	-57.2	201.0	19.3	Y	M.Sutton
BG10-80	Bidgood	580811.4	5335483.0	337.5	127.0	-47.0	55.3	18	Y	M.Sutton
BG10-86	Bidgood	580809.9	5335484.0	336.8	110.0	-61.4	258.0	16.5	Y	M.Sutton
BG10-90	Bidgood	580810.5	5335482.4	336.8	117.8	-48.5	63.0	21	Y	M.Sutton
BG10-92	Bidgood	580795.5	5335479.9	336.8	131.0	-56.69	251.0	21	Y	D.McCormack
BG10-93	Bidgood	580796.5	5335480.2	336.9	143.5	-55.1	249.0	22	Y	M.Sutton
BG10-94	Bidgood	580796.8	5335479.8	336.9	124.9	-49.4	239.0	21	Y	D.McCormack
BG10-95	Bidgood	580943.4	5335679.3	336.4	101.8	-42.0	90.0	9.6	Y	M.Sutton
BG10-96	Bidgood	580942.4	5335679.5	336.3	103.2	-59.0	65.0	6	Y	M.Sutton
BG10-97	Bidgood	580943.0	5335679.3	336.3	128.8	-42.0	90.0	9	Y	M.Sutton
BG10-98	Bidgood	580942.3	5335679.8	336.3	129.0	-61.0	111.0	4.5	Y	M.Sutton
BG10-99	Bidgood	580747.1	5335728.4	338.7	176.3	-74.0	80.0	3	Y	D.McCormack
BG10-100	Bidgood	580747.0	5335728.8	338.8	163.3	-86.0	80.0	2	Y	D.McCormack

Hole_ID	Project	East_UTM	North_UTM	Elevation	Azimuth	Dip	Length	Casing (m)	Cap	Logged_By
BG10-101	Bidgood	580795.4	5335480.1	336.9	103.7	-62.9	322.0	18	Y	D.McCormack
BG10-102	Bidgood	580745.9	5335724.8	338.4	90.5	-45.0	159.0	3	Y	M.Sutton
BG10-103	Bidgood	580746.0	5335724.0	338.4	91.8	-67.0	176.0	3	Y	M.Sutton
BG10-104	Bidgood	580745.6	5335725.3	338.8	74.8	-45.0	200.0	3	Y	M.Sutton
BG10-105	Bidgood	580744.7	5335725.0	339.0	75.4	-59.0	50.0	3	Y	D.McCormack
Total							16,133			

Notes:
units in metres;
NQ size core

Hole_ID	Start_Date	Finish_Date	Claim #	Country	Province	Twp	NTS	Comments
BG10-01	16-Sep-2010	20-Sep-2010	L9882	Canada	ON	Lebel	32D4	DH Gyro survey - Halliburton corrected to NAD83; DDH Collar Land Survey- Northland Technical
BG10-02	20-Sep-2010	23-Sep-2010	L9882	Canada	ON	Lebel	32D4	DH Gyro survey - Halliburton corrected to NAD83; DDH Collar Land Survey- Northland Technical
BG10-03	18-Jul-2010	22-Sep-2010	L7593	Canada	ON	Lebel	32D4	DDH Collar Land Survey- Northland Technical
BG10-04	22-Sep-2010	27-Sep-2010	L7593	Canada	ON	Lebel	32D4	DDH Collar Land Survey- Northland Technical - No Azimuth
BG10-05	29-Jul-2010	10-Aug-2010	L7593	Canada	ON	Lebel	32D4	DDH Collar Land Survey- Northland Technical; Azm changed as per Mike Sutton
BG10-06	24-Sep-2010	29-Sep-2010	L9882	Canada	ON	Lebel	32D4	DH Gyro survey - Halliburton corrected to NAD83; DDH Collar Land Survey- Northland Technical
BG10-07	10-Aug-2010	18-Aug-2010	L7593	Canada	ON	Lebel	32D4	DDH Collar Land Survey- Northland Technical; Azm changed as per Mike Sutton
BG10-08	30-Sep-2010	6-Oct-2010	L9882	Canada	ON	Lebel	32D4	DDH Collar Land Survey- Northland Technical
BG10-09	17-Oct-2010	19-Oct-2010	CLM327	Canada	ON	Lebel	32D4	DDH Collar Land Survey- Northland Technical
BG10-10	19-Oct-2010	21-Oct-2010	CLM327	Canada	ON	Lebel	32D4	DDH Collar Land Survey- Northland Technical
BG10-11	22-Oct-2010	27-Oct-2010	CLM327	Canada	ON	Lebel	32D4	DDH Collar Land Survey- Northland Technical
BG10-12	20-May-2010	31-May-2010	L9891	Canada	ON	Lebel	32D4	DDH Collar Land Survey- Northland Technical
BG10-13	27-Oct-2010	28-Oct-2010	CLM327	Canada	ON	Lebel	32D4	DDH Collar Land Survey- Northland Technical
BG10-14	13-Oct-2010	14-Oct-2010	CLM327	Canada	ON	Lebel	32D4	DDH Collar Land Survey- Northland Technical
BG10-15	7-Oct-2010	12-Oct-2010	CLM327	Canada	ON	Lebel	32D4	DDH Collar Land Survey- Northland Technical
BG10-16	6-Oct-2010	7-Oct-2010	CLM327	Canada	ON	Lebel	32D4	DDH Collar Land Survey- Northland Technical
BG10-17	28-Sep-2010	4-Oct-2010	L7593	Canada	ON	Lebel	32D4	DDH Collar Land Survey- Northland Technical
BG10-18	4-Oct-2010	5-Oct-2010	L7593	Canada	ON	Lebel	32D4	DDH Collar Land Survey- Northland Technical hole stopped short of target length due to rod jammed
BG10-18B	5-Oct-2010	5-Oct-2010	L7593	Canada	ON	Lebel	32D4	
BG10-18C	5-Oct-2010	13-Oct-2010	L7593	Canada	ON	Lebel	32D4	DDH Collar Land Survey- Northland Technical
BG10-19	28-Oct-2010	1-Nov-2010	L6872	Canada	ON	Lebel	32D4	DH Gyro survey - Halliburton corrected to NAD83; DDH Collar Land Survey- Northland Technical
BG10-20	13-Oct-2010	27-Oct-2010	L7593	Canada	ON	Lebel	32D4	DDH Collar Land Survey- Northland Technical

Hole_ID	Start_Date	Finish_Date	Claim #	Country	Province	Twp	NTS	Comments
BG10-21	11-May-2010	12-May-2010	CLM327	Canada	ON	Lebel	32D4	DH Gyro survey - Halliburton corrected to NAD83; DDH Collar Land Survey- Northland Technical
BG10-22	12-May-2010	13-May-2010	CLM327	Canada	ON	Lebel	32D4	DH Gyro survey - Halliburton corrected to NAD83; DDH Collar Land Survey- Northland Technical
BG10-23	15-Oct-2010	15-Oct-2010	CLM327	Canada	ON	Lebel	32D4	DDH Collar Land Survey- Northland Technical
BG10-24	18-May-2010	20-May-2010	CLM327	Canada	ON	Lebel	32D4	DDH Collar Land Survey- Northland Technical
BG10-25	17-May-2010	18-May-2010	CLM327	Canada	ON	Lebel	32D4	DH Gyro survey - Halliburton corrected to NAD83; DDH Collar Land Survey- Northland Technical
BG10-26	5-May-2010	5-May-2010	CLM327	Canada	ON	Lebel	32D4	DDH Collar Land Survey- Northland Technical
BG10-27	5-May-2010	5-May-2010	CLM327	Canada	ON	Lebel	32D4	DDH Collar Land Survey- Northland Technical
BG10-28	14-May-2010	17-May-2010	CLM327	Canada	ON	Lebel	32D4	DH Gyro survey - Halliburton corrected to NAD83; DDH Collar Land Survey- Northland Technical
BG10-29	15-Jun-2010	23-Jun-2010	L9882	Canada	ON	Lebel	32D4	DDH Collar Land Survey- Northland Technical
BG10-30	30-Oct-2010	1-Nov-2010	CLM327	Canada	ON	Lebel	32D4	DDH Collar Land Survey- Northland Technical
BG10-31	9-Nov-2010	10-Nov-2010	CLM327	Canada	ON	Lebel	32D4	DDH Collar Land Survey- Northland Technical
BG10-32	14-Jun-2010	15-Jun-2010	L9882	Canada	ON	Lebel	32D4	DDH Collar Land Survey- Northland Technical
BG10-33	8-Nov-2010	9-Nov-2010	CLM327	Canada	ON	Lebel	32D4	DDH Collar Land Survey- Northland Technical
BG10-36	26-Aug-2010	20-Sep-2010	L9886	Canada	ON	Lebel	32D4	DDH Collar Land Survey- Northland Technical
BG10-37	10-Nov-2010	11-Nov-2010	CLM327	Canada	ON	Lebel	32D4	DDH Collar Land Survey- Northland Technical
BG10-38	18-Aug-2010	25-Aug-2010	L9886	Canada	ON	Lebel	32D4	DDH Collar Land Survey- Northland Technical
BG10-39	4-Nov-2010	4-Nov-2010	CLM327	Canada	ON	Lebel	32D4	DDH Collar Land Survey- Northland Technical
BG10-40	2-Nov-2010	3-Nov-2010	CLM327	Canada	ON	Lebel	32D4	DDH Collar Land Survey- Northland Technical
BG10-41	1-Nov-2010	2-Nov-2010	CLM327	Canada	ON	Lebel	32D4	DDH Collar Land Survey- Northland Technical
BG10-42	27-Jun-2010	29-Jun-2010	L9882	Canada	ON	Lebel	32D4	DDH Collar Land Survey- Northland Technical
BG10-43	2-Nov-2010	9-Nov-2010	L6872	Canada	ON	Lebel	32D4	DH Gyro survey - Halliburton corrected to NAD83; DDH Collar Land Survey- Northland Technical
BG10-44	9-Nov-2010	18-Nov-2010	L7593	Canada	ON	Lebel	32D4	DDH Collar Land Survey- Northland Technical
BG10-45	11-Nov-2010	15-Nov-2010	CLM327	Canada	ON	Lebel	32D4	DDH Collar Land Survey- Northland Technical
BG10-46	22-Nov-2010	23-Nov-2010	CLM327	Canada	ON	Lebel	32D4	DH Gyro survey - Halliburton corrected to NAD83; DDH Collar Land Survey- Northland Technical

Hole_ID	Start_Date	Finish_Date	Claim #	Country	Province	Twp	NTS	Comments
BG10-47	23-Nov-2010	24-Nov-2010	CLM327	Canada	ON	Lebel	32D4	DH Gyro survey - Halliburton corrected to NAD83; DDH Collar Land Survey- Northland Technical
BG10-48	16-Jun-2010	21-Jun-2010	L7593	Canada	ON	Lebel	32D4	DDH Collar Land Survey- Northland Technical
BG10-49	21-Jun-2010	23-Jun-2010	L7593	Canada	ON	Lebel	32D4	DDH Collar Land Survey- Northland Technical
BG10-50	16-Nov-2010	18-Nov-2010	CLM327	Canada	ON	Lebel	32D4	DDH Collar Land Survey- Northland Technical
BG10-51	18-Nov-2010	22-Nov-2010	CLM327	Canada	ON	Lebel	32D4	DDH Collar Land Survey- Northland Technical
BG10-52	24-Jun-2010	25-Jun-2010	L7593	Canada	ON	Lebel	32D4	DDH Collar Land Survey- Northland Technical
BG10-53	15-Nov-2010	16-Nov-2010	CLM327	Canada	ON	Lebel	32D4	DDH Collar Land Survey- Northland Technical
BG10-54	24-Nov-2010	25-Nov-2010	L9882	Canada	ON	Lebel	32D4	DDH Collar Land Survey- Northland Technical
BG10-55	28-Nov-2010	29-Nov-2010	L9882	Canada	ON	Lebel	32D4	DDH Collar Land Survey- Northland Technical
BG10-56	26-Jul-2010	29-Jul-2010	L9882	Canada	ON	Lebel	32D4	DDH Collar Land Survey- Northland Technical
BG10-57	29-Nov-2010	29-Nov-2010	L9882	Canada	ON	Lebel	32D4	DDH Collar Land Survey- Northland Technical
BG10-58	6-May-2010	11-May-2010	CLM327	Canada	ON	Lebel	32D4	DH Gyro survey - Halliburton corrected to NAD83; DDH Collar Land Survey- Northland Technical
BG10-59	3-May-2010	4-May-2010	CLM327	Canada	ON	Lebel	32D4	DH Gyro survey - Halliburton corrected to NAD83; DDH Collar Land Survey- Northland Technical
BG10-60	10-Jun-2010	10-Jun-2010	L9882	Canada	ON	Lebel	32D4	DDH Collar Land Survey- Northland Technical
BG10-61	3-Jun-2010	4-Jun-2010	L9882	Canada	ON	Lebel	32D4	DDH Collar Land Survey- Northland Technical
BG10-62	6-Jun-2010	6-Jun-2010	L9891	Canada	ON	Lebel	32D4	DDH Collar Land Survey- Northland Technical
BG10-63	31-May-2010	2-Jun-2010	CLM327	Canada	ON	Lebel	32D4	DDH Collar Land Survey- Northland Technical
BG10-64	8-Jun-2010	9-Jun-2010	L9882	Canada	ON	Lebel	32D4	DDH Collar Land Survey- Northland Technical
BG10-65	9-Jun-2010	10-Jun-2010	L9882	Canada	ON	Lebel	32D4	DDH Collar Land Survey- Northland Technical
BG10-66	10-Jun-2010	11-Jun-2010	L9882	Canada	ON	Lebel	32D4	DDH Collar Land Survey- Northland Technical
BG10-67	2-Jun-2010	3-Jun-2010	CLM327	Canada	ON	Lebel	32D4	Casing pulled
BG10-68	7-Jun-2010	8-Jun-2010	L9882	Canada	ON	Lebel	32D4	DDH Collar Land Survey- Northland Technical
BG10-69	8-Jun-2010	8-Jun-2010	L9882	Canada	ON	Lebel	32D4	
BG10-70	30-Jun-2010	30-Jun-2010	L9882	Canada	ON	Lebel	32D4	DDH Collar Land Survey- Northland Technical
BG10-71	1-Jul-2010	4-Jul-2010	CLM327	Canada	ON	Lebel	32D4	DH Gyro survey - Halliburton corrected to NAD83; DDH Collar Land Survey- Northland Technical

Hole_ID	Start_Date	Finish_Date	Claim #	Country	Province	Twp	NTS	Comments
BG10-72	21-Jul-2010	29-Jul-2010	L9882	Canada	ON	Lebel	32D4	DH Gyro survey - Halliburton corrected to NAD83; DDH Collar Land Survey- Northland Technical
BG10-73	5-Jul-2010	7-Jul-2010	L9882	Canada	ON	Lebel	32D4	DH Gyro survey - Halliburton corrected to NAD83; DDH Collar Land Survey- Northland Technical
BG10-75	25-Nov-2010	28-Nov-2010	L9882	Canada	ON	Lebel	32D4	DDH Collar Land Survey- Northland Technical
BG10-76	11-Jul-2010	13-Jul-2010	L9882	Canada	ON	Lebel	32D4	DH Gyro survey - Halliburton corrected to NAD83; DDH Collar Land Survey- Northland Technical
BG10-77	18-Aug-2010	19-Aug-2010	L9882	Canada	ON	Lebel	32D4	DH Gyro survey - Halliburton corrected to NAD83; DDH Collar Land Survey- Northland Technical
BG10-78	30-Jul-2010	10-Aug-2010	L9882	Canada	ON	Lebel	32D4	DH Gyro survey - Halliburton corrected to NAD83; DDH Collar Land Survey- Northland Technical
BG10-79	7-Jul-2010	9-Jul-2010	L9882	Canada	ON	Lebel	32D4	DH Gyro survey - Halliburton corrected to NAD83; DDH Collar Land Survey- Northland Technical
BG10-80	19-Jul-2010	20-Jul-2010	L9882	Canada	ON	Lebel	32D4	Casing pulled
BG10-86	13-Jul-2010	16-Jul-2010	L9882	Canada	ON	Lebel	32D4	DH Gyro survey - Halliburton corrected to NAD83; DDH Collar Land Survey- Northland Technical
BG10-90	20-Jul-2010	21-Jul-2010	L9882	Canada	ON	Lebel	32D4	DH Gyro survey - Halliburton corrected to NAD83; DDH Collar Land Survey- Northland Technical
BG10-92	2-Sep-2010	16-Sep-2010	L9882	Canada	ON	Lebel	32D4	DH Gyro survey - Halliburton corrected to NAD83; DDH Collar Land Survey- Northland Technical
BG10-93	11-Aug-2010	17-Aug-2010	L9882	Canada	ON	Lebel	32D4	DH Gyro survey - Halliburton corrected to NAD83; DDH Collar Land Survey- Northland Technical
BG10-94	20-Aug-2010	25-Aug-2010	L9882	Canada	ON	Lebel	32D4	DH Gyro survey - Halliburton corrected to NAD83; DDH Collar Land Survey- Northland Technical
BG10-95	30-Nov-2010	30-Nov-2010	L9891	Canada	ON	Lebel	32D4	DDH Collar Land Survey- Northland Technical
BG10-96	30-Nov-2010	1-Dec-2010	L9891	Canada	ON	Lebel	32D4	DDH Collar Land Survey- Northland Technical
BG10-97	2-Dec-2010	2-Dec-2010	L9891	Canada	ON	Lebel	32D4	DDH Collar Land Survey- Northland Technical
BG10-98	1-Dec-2010	2-Dec-2010	L9891	Canada	ON	Lebel	32D4	DDH Collar Land Survey- Northland Technical
BG10-99	14-Dec-2010	15-Dec-2010	L7593	Canada	ON	Lebel	32D4	DDH Collar Land Survey- Northland Technical
BG10-100	15-Dec-2010	16-Dec-2010	L7593	Canada	ON	Lebel	32D4	DDH Collar Land Survey- Northland Technical

Hole_ID	Start_Date	Finish_Date	Claim #	Country	Province	Twp	NTS	Comments
BG10-101	25-Aug-2010	2-Sep-2010	L9882	Canada	ON	Lebel	32D4	DH Gyro survey - Halliburton corrected to NAD83; DDH Collar Land Survey- Northland Technical
BG10-102	3-Dec-2010	6-Dec-2010	L7593	Canada	ON	Lebel	32D4	DDH Collar Land Survey- Northland Technical
BG10-103	6-Dec-2010	8-Dec-2010	L7593	Canada	ON	Lebel	32D4	
BG10-104	8-Dec-2010	13-Dec-2010	L7593	Canada	ON	Lebel	32D4	DDH Collar Land Survey- Northland Technical
BG10-105	14-Dec-2010	14-Dec-2010	L7593	Canada	ON	Lebel	32D4	DDH Collar Land Survey- Northland Technical

Notes:
units in metres;
NQ size core;
DH Gyro survey Halliburton means - downhole gyroscope survey by Halliburton, Sperry Drilling Services, 1725 Seymour St, Unit C, North Bay, ON P1B 8G4;
DDH Collar Survey means - diamond drill hole collars land surveyed by Northland Technical Surveys, 4 AlWende Avenue, Box 65, Kirkland Lake, ON P2N 2G9.

7.4 2011 DIAMOND DRILL SUMMARY – BIDGOOD

Hole_ID	Project	East_UTM	North_UTM	Elevation	Azimuth	Dip	Length	Casing (m)	Cap	Logged_By
BG11-34	Bidgood	580952.6	5335487.4	334.3	143.0	-67.0	40.8	6	Y	M.Sutton
BG11-34A	Bidgood	580952.6	5335487.4	334.3	144.8	-67.3	198.0	6	Y	M.Sutton
BG11-35	Bidgood	580885.8	5335336.2	339.5	359.5	-45.0	86.3	3	Y	M.Sutton
BG11-74	Bidgood	580924.0	5335308.0	338.8	302.8	-43.2	342.0	3	Y	M.Sutton
BG11-81	Bidgood	580873.1	5335300.1	337.8	318.7	-45.0	81.0	6	Y	M.Sutton
BG11-82	Bidgood	580880.5	5335293.7	336.5	325.0	-45.0	120.0	4.5	Y	M.Sutton
BG11-83	Bidgood	580926.1	5335309.0	338.9	290.0	-47.0	219.0	3	Y	M.Sutton
BG11-84	Bidgood	580925.0	5335308.7	338.8	270.0	-44.0	291.0	3	Y	M.Sutton
BG11-85	Bidgood	580657.5	5335931.4	317.6	171.0	-61.0	693.0	6	Y	O.Greaves
BG11-87	Bidgood	580521.4	5335888.1	323.4	90.9	-70.5	702.0	15	Y	D.McCormack
BG11-88	Bidgood	580663.3	5336150.9	312.1	133.0	-57.0	792.0	12	Y	D.McCormack
BG11-89	Bidgood	580863.0	5335405.1	335.3	357.1	-48.5	220.0	7	Y	M.Sutton
BG11-91	Bidgood	580657.1	5335931.4	317.8	181.0	-61.0	699.0	9	Y	D.McCormack
BG11-106	Bidgood	581010.1	5335500.2	334.1	339.1	-55.0	63.0	9.6	Y	M.Sutton
BG11-107	Bidgood	580985.4	5335497.5	334.0	294.9	-55.0	69.0	15	Y	M.Sutton
BG11-108	Bidgood	580878.9	5335518.9	336.9	194.4	-38.8	45.0	12	Y	M.Sutton
BG11-109	Bidgood	580881.4	5335519.1	336.8	129.9	-39.4	156.0	30	Y	M.Sutton
BG11-110	Bidgood	580880.9	5335520.0	337.0	129.3	-55.6	236.0	6	Y	M.Sutton
BG11-111	Bidgood	580881.3	5335518.8	336.8	139.8	-37.3	120.0	24	Y	M.Sutton
BG11-112	Bidgood	580880.6	5335519.4	336.9	143.1	-55.0	50.0	17.5	Y	M.Sutton
BG11-112A	Bidgood	580880.6	5335519.4	336.9	143.1	-55.0	52.0	3	Y	M.Sutton
BG11-113	Bidgood	580901.0	5335500.2	334.8	196.9	-45.0	81.0	15	Y	M.Sutton
BG11-113A	Bidgood	580901.2	5335501.1	334.8	197.8	-72.0	72.0	13.5	Y	M.Sutton
BG11-114	Bidgood	580903.2	5335501.6	334.5	112.0	-72.0	45.0	21	Y	M.Sutton
BG11-114A	Bidgood	580903.2	5335501.5	334.5	113.3	-53.7	39.0	17.5	Y	M.Sutton

Hole_ID	Project	East_UTM	North_UTM	Elevation	Azimuth	Dip	Length	Casing (m)	Cap	Logged_By
BG11-115	Bidgood	580902.0	5335500.9	334.7	160.6	-61.3	201.0	12.6	Y	M.Sutton
BG11-116	Bidgood	580902.4	5335501.2	334.8	133.1	-62.6	216.0	15	Y	M.Sutton
BG11-117	Bidgood	580940.4	5335516.9	334.0	190.5	-45.0	93.0	18	Y	M.Sutton
BG11-118	Bidgood	580985.0	5335498.2	334.4	342.4	-43.3	204.0	15	Y	M.Sutton
BG11-119	Bidgood	580940.6	5335518.6	334.1	162.7	-68.5	250.0	25.2	Y	M.Sutton
BG11-120	Bidgood	580941.0	5335517.3	333.9	163.2	-45.9	168.0	45	Y	M.Sutton
BG11-121	Bidgood	581009.8	5335500.7	334.1	337.4	-42.0	219.7	3	Y	M.Sutton
BG11-122	Bidgood	580953.7	5335486.8	334.3	146.0	-42.0	171.0	9	Y	M.Sutton
BG11-123	Bidgood	580874.9	5335464.9	335.1	315.4	-42.0	32.0	10.5	Y	M.Sutton
BG11-124	Bidgood	581039.1	5335255.0	335.7	335.0	-53.0	564.0	4.5	Y	D.McCormack
BG11-125	Bidgood	581037.8	5335257.7	335.8	334.9	-50.0	570.0	6	Y	D.McCormack
BG11-126	Bidgood	581038.2	5335254.4	335.8	319.1	-58.3	609.0	6	Y	D.McCormack
BG11-127	Bidgood	581039.4	5335255.1	335.7	336.3	-50.0	510.0	6	Y	O.Greaves
BG11-128*	***Bidgood***	***581039.8***	***5335255.0***	***335.6***	***337.5***	***-53.0***	***702.0***	***6***	***Y***	***O.Greaves***
BG11-129	Bidgood	580875.4	5335464.4	335.0	320.1	-55.0	46.8	6	Y	M.Sutton
BG11-130	Bidgood	580875.5	5335463.7	335.1	291.7	-60.0	195.0	9	Y	M.Sutton
BG11-131	Bidgood	580875.8	5335463.6	335.4	294.6	-65.0	141.0	6	Y	M.Sutton
BG11-132	Bidgood	580901.3	5335501.1	334.8	324.1	-53.4	162.0	2.1	Y	M.Sutton
BG11-133	Bidgood	580863.8	5335404.2	335.3	317.1	-56.0	195.0	9	Y	M.Sutton
BG11-134	Bidgood	580821.5	5335430.9	334.4	323.8	-42.0	169.4	24	Y	M.Sutton
BG11-135	Bidgood	580820.9	5335431.7	334.4	323.1	-58.0	198.4	18	Y	M.Sutton
BG11-136	Bidgood	580821.1	5335431.5	334.4	278.3	-42.0	198.0	24	Y	O.Greaves
BG11-137	Bidgood	580821.6	5335431.4	334.3	276.1	-56.0	120.0	21	Y	O.Greaves
BG11-138	Bidgood	581038.8	5335257.1	336.1	337.7	-51.0	477.0	6	Y	O.Greaves
BG11-139*	***Bidgood***	***581039.6***	***5335257.4***	***335.7***	***347.6***	***-50.0***	***576.0***	***6***	***Y***	***O.Greaves***
BG11-140	Bidgood	580663.4	5335432.0	337.6	132.5	-66.0	201.0	12	Y	M.Sutton
BG11-141	Bidgood	580664.2	5335432.7	337.4	93.9	-45.0	218.0	9	Y	M.Sutton

Hole_ID	Project	East_UTM	North_UTM	Elevation	Azimuth	Dip	Length	Casing (m)	Cap	Logged_By
BG11-142	Bidgood	580662.9	5335433.4	337.5	172.9	-45.0	141.0	3	Y	M.Sutton
BG11-143	Bidgood	580738.1	5335456.8	337.9	148.5	-42.0	231.0	21	Y	W.Wade
BG11-144	Bidgood	580737.4	5335457.6	337.9	138.2	-65.0	120.0	9	Y	W.Wade
BG11-145	Bidgood	580737.2	5335457.8	337.8	134.0	-75.0	147.0	15	Y	W.Wade
BG11-146	Bidgood	580727.2	5335457.4	337.6	110.1	-45.0	150.0	15	Y	W.Wade
BG11-147	Bidgood	580726.6	5335457.5	337.6	103.1	-59.8	84.0	18.6	Y	W.Wade
BG11-148	Bidgood	580726.0	5335457.7	337.8	129.9	-45.0	102.0	18	Y	W.Wade
BG11-149	Bidgood	580733.9	5335464.4	337.9	135.9	-75.0	81.0	15	Y	W.Wade
BG11-152	Bidgood	580885.4	5335553.7	336.9	141.9	-52.0	219.6	16.5	Y	W.Wade
BG11-153	Bidgood	580885.2	5335554.1	336.9	131.2	-63.0	25.6	12.6	Y	W.Wade
BG11-153A	Bidgood	580885.2	5335554.1	336.8	151.0	-63.0	261.0	13.5	Y	W.Wade
BG11-154	Bidgood	580884.9	5335554.4	336.6	118.6	-76.5	165.0	9	Y	W.Wade
BG11-155	Bidgood	580880.8	5335554.3	336.8	113	-48.0	251.0	9	Y	W.Wade
BG11-156	Bidgood	580885.8	5335554.7	336.8	104.8	-65.0	147.0	12	Y	W.Wade
BG11-157	Bidgood	580885.6	5335554.7	337.5	110.0	-75.8	201.0	13.5	Y	W.Wade
BG11-158	Bidgood	580884.5	5335554.0	336.9	195.1	-65.0	281.0	12	Y	W.Wade
BG11-159	Bidgood	580884.6	5335554.2	337.0	213.3	-73.8	251.0	12	Y	W.Wade
BG11-160	Bidgood	580927.0	5336033.0	315.4	192.0	-82.5	408.0	4.5	Y	D.McCormack
BG11-161	Bidgood	580886.5	5335551.8	336.7	147.9	-55.0	281.0	15	Y	W.Wade
BG11-162	Bidgood	580886.7	5335552.1	336.8	125.7	-57.9	281.0	15	Y	W.Wade
BG11-163	Bidgood	580927.3	5336033.2	315.5	207.3	-81.4	1285.5	4.5	Y	D.McCormack
BG11-164	Bidgood	580884.7	5335554.5	336.9	242.8	-82.0	50.5	12	Y	W.Wade
BG11-165	Bidgood	580852.0	5335534.5	337.2	105.4	-52.0	80.0	27	Y	D.McCormack
BG11-166	Bidgood	580851.5	5335534.6	337.1	112.0	-68.0	83.0	21	Y	W.Wade

Hole_ID	Project	East_UTM	North_UTM	Elevation	Azimuth	Dip	Length	Casing (m)	Cap	Logged_By
BG11-167	Bidgood	580851.3	5335534.7	337.3	117.4	-76.5	80.0	12	Y	W.Wade
BG11-168	Bidgood	580851.2	5335533.7	337.3	147.8	-52.0	92.0	27	Y	W.Wade
BG11-169	Bidgood	580851.1	5335534.1	337.2	156.6	-65.0	131.0	24	Y	M.Sutton
BG11-170	Bidgood	580851.0	5335534.4	337.5	159.6	-73.0	153.4	18	Y	M.Sutton
BG11-171	Bidgood	580850.4	5335533.7	337.2	201.3	-52.0	103.0	24	Y	W.Wade
BG11-172	Bidgood	580850.5	5335534.1	337.3	207.6	-65.0	125.0	21	Y	W.Wade
BG11-173	Bidgood	580850.7	5335534.3	337.2	209.4	-73.0	29.9	19.5	Y	W.Wade
BG11-174	Bidgood	580721.5	5335692.2	337.8	72.0	-45.0	80.0	6	Y	W.Wade
BG11-175	Bidgood	580720.3	5335692.5	337.7	72.0	-58.0	92.0	3	Y	D.McCormack
BG11-176	Bidgood	580720.2	5335691.8	337.6	61.3	-74.0	122.0	4.5	Y	M.Sutton
BG11-177	Bidgood	580722.8	5335692.9	337.7	97.1	-45.0	122.0	6	Y	D.McCormack
BG11-178	Bidgood	580721.8	5335693.1	337.8	95.2	-58.0	155.0	4.5	Y	M.Sutton
BG11-179	Bidgood	580721.3	5335693.2	337.9	87.9	-72.0	191.3	4.5	Y	M.Sutton
BG11-180	Bidgood	580723.2	5335688.7	337.6	163.0	-45	131.0	6	Y	D.McCormack
BG11-182	Bidgood	580722.8	5335690.0	337.6	162.0	-72.0	230.0	4.5	Y	M.Sutton
Total							20,084.2			

Notes:
units in metres;
NQ size core
***BG11-128 and BG11-139 have already been submitted for assessment work.**
Therefore 1,278 metres (702m + 526m) will not be included in this assessment work application and the total metres for this program to be claimed as assessment work is 18,575.4 metres.

Hole_ID	Start_Date	Finish_Date	Claim #	Country	Province	Twp	NTS	Comments
BG11-34	5-Jun-2011	6-Jun-2011	L9891	Canada	ON	Lebel	32D4	
BG11-34A	7-Jun-2011	13-Jun-2011	L9891	Canada	ON	Lebel	32D4	
BG11-35	27-Aug-2011	30-Aug-2011	CLM327	Canada	ON	Lebel	32D4	
BG11-74	1-Aug-2011	11-Aug-2011	CLM327	Canada	ON	Lebel	32D4	
BG11-81	26-Aug-2011	29-Aug-2011	CLM327	Canada	ON	Lebel	32D4	DDH Collar Land Survey- Northland Technical
BG11-82	24-Aug-2011	26-Aug-2011	CLM327	Canada	ON	Lebel	32D4	
BG11-83	19-Aug-2011	24-Aug-2011	CLM327	Canada	ON	Lebel	32D4	
BG11-84	12-Aug-2011	18-Aug-2011	CLM327	Canada	ON	Lebel	32D4	
BG11-85	26-Jul-2011	10-Aug-2011	L7593	Canada	ON	Lebel	32D4	
BG11-87	26-Aug-2011	14-Sep-2011	L7592	Canada	ON	Lebel	32D4	
BG11-88	14-Sep-2011	6-Oct-2011	L9031	Canada	ON	Lebel	32D4	
BG11-89	25-Jul-2011	26-Jul-2011	CLM327	Canada	ON	Lebel	32D4	
BG11-91	10-Aug-2011	25-Aug-2011	L7593	Canada	ON	Lebel	32D4	
BG11-106	12-May-2011	16-May-2011	L9891	Canada	ON	Lebel	32D4	DDH Collar Land Survey- Northland Technical
BG11-107	26-May-2011	29-May-2011	L9891	Canada	ON	Lebel	32D4	DDH Collar Land Survey- Northland Technical
BG11-108	24-Mar-2011	29-Mar-2011	L9882	Canada	ON	Lebel	32D4	DDH Collar Land Survey- Northland Technical casing hit by Cabo Oct 17 to 21, 2011
BG11-109	18-Mar-2011	20-Mar-2011	L9882	Canada	ON	Lebel	32D4	DDH Collar Land Survey- Northland Technical
BG11-110	20-Mar-2011	23-Mar-2011	L9882	Canada	ON	Lebel	32D4	DDH Collar Land Survey- Northland Technical
BG11-111	16-Mar-2011	18-Mar-2011	L9882	Canada	ON	Lebel	32D4	DDH Collar Land Survey- Northland Technical
BG11-112	10-Mar-2011	15-Mar-2011	L9882	Canada	ON	Lebel	32D4	DDH Collar Land Survey- Northland Technical
BG11-112A	30-Mar-2011	30-Mar-2011	L9882	Canada	ON	Lebel	32D4	DDH Collar Land Survey- Northland Technical
BG11-113	31-Mar-2011	2-Apr-2011	L9891	Canada	ON	Lebel	32D4	DDH Collar Land Survey- Northland Technical
BG11-113A	2-Apr-2011	4-Apr-2011	L9891	Canada	ON	Lebel	32D4	DDH Collar Land Survey- Northland Technical
BG11-114	16-Apr-2011	16-Apr-2011	L9891	Canada	ON	Lebel	32D4	DDH Collar Land Survey- Northland Technical
BG11-114A	16-Apr-2011	20-Apr-2011	L9891	Canada	ON	Lebel	32D4	DDH Collar Land Survey- Northland Technical

Hole_ID	Start_Date	Finish_Date	Claim #	Country	Province	Twp	NTS	Comments
BG11-115	4-Apr-2011	6-Apr-2011	L9891	Canada	ON	Lebel	32D4	DDH Collar Land Survey- Northland Technical
BG11-116	7-Apr-2011	14-Apr-2011	L9891	Canada	ON	Lebel	32D4	DDH Collar Land Survey- Northland Technical
BG11-117	19-Apr-2011	20-Apr-2011	L9891	Canada	ON	Lebel	32D4	DDH Collar Land Survey- Northland Technical
BG11-118	16-May-2011	25-May-2011	L9891	Canada	ON	Lebel	32D4	DDH Collar Land Survey- Northland Technical
BG11-119	20-Apr-2011	29-Apr-2011	L9891	Canada	ON	Lebel	32D4	DDH Collar Land Survey- Northland Technical
BG11-120	29-Apr-2011	2-May-2011	L9891	Canada	ON	Lebel	32D4	DDH Collar Land Survey- Northland Technical
BG11-121	3-May-2011	12-May-2011	L9891	Canada	ON	Lebel	32D4	DDH Collar Land Survey- Northland Technical
BG11-122	30-May-2011	5-Jun-2011	L9891	Canada	ON	Lebel	32D4	DDH Collar Land Survey- Northland Technical
BG11-123	27-Jun-2011	27-Jun-2011	CLM327	Canada	ON	Lebel	32D4	DDH Collar Land Survey- Northland Technical
BG11-124	3-Apr-2011	13-Apr-2011	CLM327	Canada	ON	Lebel	32D4	DDH Collar Land Survey- Northland Technical
BG11-125	13-Apr-2011	25-Apr-2011	CLM327	Canada	ON	Lebel	32D4	DDH Collar Land Survey- Northland Technical
BG11-126	26-Apr-2011	9-May-2011	CLM327	Canada	ON	Lebel	32D4	DDH Collar Land Survey- Northland Technical
BG11-127	9-May-2011	20-May-2011	CLM327	Canada	ON	Lebel	32D4	DDH Collar Land Survey- Northland Technical
BG11-128*	***24-May-2011***	***8-Jun-2011***	***CLM327***	***Canada***	***ON***	***Lebel***	***32D4***	***DDH Collar Land Survey- Northland Technical***
BG11-129	28-Jun-2011	29-Jun-2011	CLM327	Canada	ON	Lebel	32D4	DDH Collar Land Survey- Northland Technical
BG11-130	19-Jun-2011	26-Jun-2011	CLM327	Canada	ON	Lebel	32D4	DDH Collar Land Survey- Northland Technical
BG11-131	15-Jun-2011	19-Jun-2011	CLM327	Canada	ON	Lebel	32D4	DDH Collar Land Survey- Northland Technical
BG11-132	21-Jul-2011	22-Jul-2011	L9891	Canada	ON	Lebel	32D4	DDH Collar Land Survey- Northland Technical
BG11-133	19-Jul-2011	21-Jul-2011	CLM327	Canada	ON	Lebel	32D4	DDH Collar Land Survey- Northland Technical
BG11-134	29-Jun-2011	5-Jul-2011	L9882	Canada	ON	Lebel	32D4	DDH Collar Land Survey- Northland Technical
BG11-135	5-Jul-2011	11-Jul-2011	L9882	Canada	ON	Lebel	32D4	DDH Collar Land Survey- Northland Technical
BG11-136	13-Jul-2011	18-Jul-2011	L9882	Canada	ON	Lebel	32D4	DDH Collar Land Survey- Northland Technical
BG11-137	12-Jul-2011	13-Jul-2011	L9882	Canada	ON	Lebel	32D4	DDH Collar Land Survey- Northland Technical
BG11-138	8-Jun-2011	15-Jun-2011	CLM327	Canada	ON	Lebel	32D4	DDH Collar Land Survey- Northland Technical
BG11-139*	***15-Jun-2011***	***24-Jun-2011***	***CLM327***	***Canada***	***ON***	***Lebel***	***32D4***	***DDH Collar Land Survey- Northland Technical***
BG11-140	31-Aug-2011	6-Sep-2011	L9882	Canada	ON	Lebel	32D4	DDH Collar Land Survey- Northland Technical
BG11-141	6-Sep-2011	13-Sep-2011	L9882	Canada	ON	Lebel	32D4	DDH Collar Land Survey- Northland Technical

Hole_ID	Start_Date	Finish_Date	Claim #	Country	Province	Twp	NTS	Comments
BG11-142	13-Sep-2011	16-Sep-2011	L9882	Canada	ON	Lebel	32D4	DDH Collar Land Survey- Northland Technical
BG11-143	18-Sep-2011	22-Sep-2011	L9882	Canada	ON	Lebel	32D4	
BG11-144	23-Sep-2011	26-Sep-2011	L9882	Canada	ON	Lebel	32D4	
BG11-145	26-Sep-2011	28-Sep-2011	L9882	Canada	ON	Lebel	32D4	
BG11-146	30-Sep-2011	5-Oct-2011	L9882	Canada	ON	Lebel	32D4	
BG11-147	5-Oct-2011	6-Oct-2011	L9882	Canada	ON	Lebel	32D4	
BG11-148	6-Oct-2011	12-Oct-2011	L9882	Canada	ON	Lebel	32D4	
BG11-149	30-Sep-2011	3-Oct-2011	L9882	Canada	ON	Lebel	32D4	
BG11-152	14-Oct-2011	20-Oct-2011	L9882	Canada	ON	Lebel	32D4	
BG11-153	26-Oct-2011	26-Oct-2011	L9882	Canada	ON	Lebel	32D4	
BG11-153A	13-Oct-2011	2-Nov-2011	L9882	Canada	ON	Lebel	32D4	drillhole abandoned, rods jammed, lost rods, pulled casing, re-drill
BG11-154	20-Oct-2011	26-Oct-2011	L9882	Canada	ON	Lebel	32D4	
BG11-155	10-Nov-2011	13-Nov-2011	L9882	Canada	ON	Lebel	32D4	
BG11-156	9-Nov-2011	10-Nov-2011	L9882	Canada	ON	Lebel	32D4	
BG11-157	3-Nov-2011	9-Nov-2011	L9882	Canada	ON	Lebel	32D4	
BG11-158	16-Nov-2011	23-Nov-2011	L9882	Canada	ON	Lebel	32D4	
BG11-159	13-Nov-2011	16-Nov-2011	L9882	Canada	ON	Lebel	32D4	
BG11-160	11-Oct-2011	20-Oct-2011	L6872	Canada	ON	Lebel	32D4	
BG11-161	25-Nov-2011	27-Nov-2011	L9882	Canada	ON	Lebel	32D4	
BG11-162	23-Nov-2011	25-Nov-2011	L9882	Canada	ON	Lebel	32D4	
BG11-163	20-Oct-2011	19-Dec-2011	L6872	Canada	ON	Lebel	32D4	
BG11-164	23-Nov-2011	23-Nov-2011	L9882	Canada	ON	Lebel	32D4	
BG11-165	8-Dec-2011	8-Dec-2011	L9882	Canada	ON	Lebel	32D4	
BG11-166	9-Dec-2011	9-Dec-2011	L9882	Canada	ON	Lebel	32D4	

Hole_ID	Start_Date	Finish_Date	Claim #	Country	Province	Twp	NTS	Comments
BG11-167	9-Dec-2011	10-Dec-2011	L9882	Canada	ON	Lebel	32D4	
BG11-168	30-Nov-2011	30-Nov-2011	L9882	Canada	ON	Lebel	32D4	
BG11-169	1-Dec-2011	6-Dec-2011	L9882	Canada	ON	Lebel	32D4	
BG11-170	6-Dec-2011	7-Dec-2011	L9882	Canada	ON	Lebel	32D4	
BG11-171	28-Nov-2011	29-Nov-2011	L9882	Canada	ON	Lebel	32D4	
BG11-172	29-Nov-2011	29-Nov-2011	L9882	Canada	ON	Lebel	32D4	
BG11-173	30-Nov-2011	30-Nov-2011	L9882	Canada	ON	Lebel	32D4	
BG11-174	10-Dec-2011	11-Dec-2011	L9882	Canada	ON	Lebel	32D4	
BG11-175	11-Dec-2011	12-Dec-2011	L9882	Canada	ON	Lebel	32D4	
BG11-176	12-Dec-2011	12-Dec-2011	L9882	Canada	ON	Lebel	32D4	
BG11-177	13-Dec-2011	14-Dec-2011	L9882	Canada	ON	Lebel	32D4	
BG11-178	14-Dec-2011	15-Dec-2011	L9882	Canada	ON	Lebel	32D4	
BG11-179	15-Dec-2011	17-Dec-2011	L9882	Canada	ON	Lebel	32D4	
BG11-180	21-Dec-2011	21-Dec-2011	L9882	Canada	ON	Lebel	32D4	
BG11-182	18-Dec-2011	21-Dec-2011	L9882	Canada	ON	Lebel	32D4	

Notes:
units in metres;
NQ size core;
DH Gyro survey Halliburton means - downhole gyroscope survey by Halliburton, Sperry Drilling Services, 1725 Seymour St, Unit C, North Bay, ON P1B 8G4;
DDH Collar Survey means - diamond drill hole collars land surveyed by Northland Technical Surveys, 4 AlWende Avenue, Box 65, Kirkland Lake, ON P2N 2G9.
***BG11-128 and BG11-139 have already been submitted for assessment work.**
Therefore 1,278 metres (702m + 526m) will not be included in this assessment work application and the total metres for this program to be claimed as assessment work is 18,575.4 metres.

7.5 2011 DIAMOND DRILL SUMMARY – BOUNDARY

Hole_ID	Project	East_UTM	North_UTM	Elevation	Azimuth	Dip	Length	Casing (m)	Cap	Logged_By
BZ11-38	Boundary	581715.1	5335393.7	341.6	100.6	-57.0	122	3.0	Y	M.Sutton
BZ11-39	Boundary	581696.5	5335391.4	339.4	114.7	-59.0	113	3.0	Y	M.Sutton
BZ11-40	Boundary	581696.1	5335391.6	339.3	144.8	-61.5	215	3.6	Y	M.Sutton
BZ11-41	Boundary	581663.9	5335335.9	338.1	157.7	-42.0	62	3.0	Y	D.McCormack
BZ11-42	Boundary	581663.7	5335335.0	338.3	186.2	-42.0	72	3.0	Y	M.Sutton
BZ11-43	Boundary	581592.0	5335309.9	335.5	169.9	-42.0	254	21.0	Y	M.Sutton
BZ11-44	Boundary	581589.2	5335306.1	334.7	130.3	-53.0	245		Y	M.Sutton
BZ11-45	Boundary	581592.5	5335310.7	335.1	190.2	-53.0	344	18.0	Y	M.Sutton
BZ11-46	Boundary	581810.1	5335380.6	337.4	111.9	-54.0	139	6.0	Y	M.Sutton
Total							1,566.00			

Notes:
units in metres;
NQ size core

Hole_ID	Start_Date	Finish_Date	Claim	Country	Province	Twp	NTS	Comments
BZ11-38	2-Feb-2011	4-Feb-2011	L6873	CANADA	ON	LEBEL	32D4	DDH Collar Land Survey- Northland Technical
BZ11-39	30-Jan-2011	31-Jan-2011	L6873	CANADA	ON	LEBEL	32D4	DDH Collar Land Survey- Northland Technical
BZ11-40	25-Jan-2011	29-Jan-2011	L6873	CANADA	ON	LEBEL	32D4	DDH Collar Land Survey- Northland Technical
BZ11-41	5-Mar-2011	6-Mar-2011	CLM327	CANADA	ON	LEBEL	32D4	DDH Collar Land Survey- Northland Technical
BZ11-42	3-Mar-2011	5-Mar-2011	CLM327	CANADA	ON	LEBEL	32D4	DDH Collar Land Survey- Northland Technical
BZ11-43	4-Feb-2011	13-Feb-2011	CLM327	CANADA	ON	LEBEL	32D4	DDH Collar Land Survey- Northland Technical
BZ11-44	26-Feb-2011	3-Mar-2011	CLM327	CANADA	ON	LEBEL	32D4	DDH Collar Land Survey- Northland Technical
BZ11-45	14-Feb-2011	20-Feb-2011	CLM327	CANADA	ON	LEBEL	32D4	DDH Collar Land Survey- Northland Technical
BZ11-46	6-Mar-2011	9-Mar-2011	L6873	CANADA	ON	LEBEL	32D4	DDH Collar Land Survey- Northland Technical

Notes:
units in metres;
NQ size core;
DH Gyro survey Halliburton means - downhole gyroscope survey by Halliburton, Sperry Drilling Services, 1725 Seymour St, Unit C, North Bay, ON P1B 8G4;
DDH Collar Survey means - diamond drill hole collars land surveyed by Northland Technical Surveys, 4 AlWende Avenue, Box 65, Kirkland Lake, ON P2N 2G9.

7.6 2011 DIAMOND DRILL SUMMARY – MUD LAKE

Hole_ID	Project	East_UTM	North_UTM	Elevation	Azimuth	Dip	Length	Casing	Cap	Logged_By
ML11-01	Mud Lake	579361.7	5334837.5	317.5	201.3	-55	564.0	3.0	Y	D.McCormack
ML11-02	Mud Lake	579363.6	5334838.0	317.6	165.5	-50	523.0	3.0	Y	D.McCormack
ML11-03	Mud Lake	579360.6	5334841.2	317.9	336.8	-45	315.0	3.1	Y	D.McCormack
ML11-04	Mud Lake	579531.8	5335144.7	319.0	127.1	-48	201.0	3.0	Y	D.McCormack
ML11-05	Mud Lake	579531.6	5335144.8	319.0	118.7	-54	138.0	3.0	Y	M.Sutton
ML11-06	Mud Lake	579531.9	5335145.0	319.1	102.6	-54	237.0	4.5	Y	D.McCormack
ML11-07	Mud Lake	579525.7	5335129.8	319.2	128.7	-56	201.0	3.0	Y	D.McCormack
ML11-08	Mud Lake	578766.2	5334539.9	315.8	2.9	-45	631.0		Y	M.Sutton/ D.McCormack
ML11-09	Mud Lake	578765.8	5334539.2	315.7	354.3	-60	678.0	3.0	Y	D.McCormack
ML11-10	Mud Lake	580205.0	5334957.6	336.1	117.4	-45	180.0	3.0	Y	D.McCormack
ML11-11	Mud Lake	580211.9	5334957.9	336.5	73.4	-42	72.0	1.5	Y	D.McCormack
ML11-11A	Mud Lake	580211.4	5334957.7	336.4	73.3	-48	180.0	10.5	Y	D.McCormack
ML11-12	Mud Lake	580212.2	5334950.9	336.5	148.8	-50	201.0	0.6	Y	D.McCormack
ML11-13	Mud Lake	579008.9	5335227.9	316.1	162.3	-69	1004.4	21.0	Y	O.Greaves
Total							5,125			

Notes:
units in metres;
NQ size core

Hole_ID	Start_Date	Finish_Date	Claim	Country	Province	Twp	NTS	Comments
ML11-01	12-Jan-2011	24-Jan-2011	L8005	Canada	ON	Lebel	32D4	DDH Collar Land Survey- Northland Technical
ML11-02	25-Jan-2011	2-Feb-2011	L8005	Canada	ON	Lebel	32D4	DDH Collar Land Survey- Northland Technical
ML11-03	2-Feb-2011	7-Feb-2011	L8005	Canada	ON	Lebel	32D4	DDH Collar Land Survey- Northland Technical
ML11-04	8-Feb-2011	10-Feb-2011	L8005	Canada	ON	Lebel	32D4	DDH Collar Land Survey- Northland Technical
ML11-05	10-Feb-2011	15-Feb-2011	L8005	Canada	ON	Lebel	32D4	DDH Collar Land Survey- Northland Technical
ML11-06	15-Feb-2011	17-Feb-2011	L8005	Canada	ON	Lebel	32D4	DDH Collar Land Survey- Northland Technical
ML11-07	17-Feb-2011	19-Feb-2011	L8005	Canada	ON	Lebel	32D4	DDH Collar Land Survey- Northland Technical
ML11-08	20-Feb-2011	2-Mar-2011	L1219943	Canada	ON	Lebel	32D4	DDH Collar Land Survey- Northland Technical
ML11-09	2-Mar-2011	20-Mar-2011	L1219943	Canada	ON	Lebel	32D4	DDH Collar Land Survey- Northland Technical
ML11-10	21-Mar-2011	23-Mar-2011	CLM327	Canada	ON	Lebel	32D4	DDH Collar Land Survey- Northland Technical
ML11-11	23-Mar-2011	24-Mar-2011	CLM327	Canada	ON	Lebel	32D4	DDH Collar Land Survey- Northland Technical
ML11-11A	24-Mar-2011	30-Mar-2011	CLM327	Canada	ON	Lebel	32D4	DDH Collar Land Survey- Northland Technical
ML11-12	31-Mar-2011	2-Apr-2011	CLM327	Canada	ON	Lebel	32D4	DDH Collar Land Survey- Northland Technical
ML11-13	26-Jun-2011	25-Jul-2011	L3095	Canada	ON	Lebel	32D4	DDH Collar Land Survey- Northland Technical

Notes:
units in metres;
NQ size core;
DH Gyro survey Halliburton means - downhole gyroscope survey by Halliburton, Sperry Drilling Services, 1725 Seymour St, Unit C, North Bay, ON P1B 8G4;
DDH Collar Survey means - diamond drill hole collars land surveyed by Northland Technical Surveys, 4 AlWende Avenue, Box 65, Kirkland Lake, ON P2N 2G9.

8.0 SAMPLING METHOD AND APPROACH

8.1 GENERAL PROTOCOL

- All diamond drill core logging and sampling activities were supervised by Project Geologists (McCormack[4], Sutton[5], Zalnieriunas[6], Greaves[7], and Wade[8]).
- Drill core sample intervals are selected on a geological basis and most typically varied between 0.5 and 1.5 m (1.6 to 4.9 ft.) in length and very rarely are less than or greater than these values.
- Drill core sample demarcation is conducted by the Geologist while core logging. Core samples are entered into a digital database, (Excel file) whereby the spreadsheet format includes the drill hole number, "from"–"to" in metre interval, sample width in metres, sample ticket number, and sample description. Assay results received from assay labs are inserted into the database according to the corresponding sample number.
- Electronic certificate files received from assay laboratories are compared to hard copy, signed certificates for possible discrepancies.
- In regards to sampling Quality Assurance/Quality Control, field gold standards and field blanks are entered into the core sample flow, at approximately every 25 metres and monitored for any abnormal gold concentrations or trends. Selected pulp and rejects returned from Polymet are submitted to Swastika Laboratories[9] ("Swastika") and AGAT Laboratories[10] ("AGAT") which are independent of Polymet, as a check on Polymet ½ core assays. Selected ½ core samples are also ¼ sawn and submitted to Polymet as a comparison to the original ½ core assay.

Marking Core Samples

- Geologists identify the beginning and end of samples directly on the core with a line perpendicular to the core and an arrow identifying direction of the sample. Samples are demarcated using a china marker or a grease pencil. A line is also traced along the long axis of the core defining the cutting line, which the core cutter will follow, to obtain a representative sample.
- A sample tag is placed at the beginning of the sample and is stapled on the core box at this location as record and for verification purposes.
- Each core tray is labeled according to sequential core tray number, drill hole number and representative depth interval.

[4] Dan McCormack. P.Geo. P.O. Box N2. King Kirkland, ON P0K 1K0.
[5] Michael Sutton. P.Geo. Crystal Lake Road, Lebel Township.
[6] R.V. Zalnieriunas. P.Geo. Box 214, Larder Lake, ON P0K 1L0.
[7] Olivia Greaves, BSc, 14 George St, Box 130, Hillsburgh, ON N0B 1Z0.
[8] Warren Wade, BSc., 5705 34 B Avenue, Delta B.C. V4L 2P1.
[9] Swastika Laboratories. P.O. Box 10, Swastika, ON P0K 1T0. Tel: 705-642-3244.
[10] AGAT Laboratories. 5623 McAdam Road, Mississauga, ON L4Z 1N9. Tel: 905-501-9998.

8.2 SAMPLE HANDLING, PREPARATION, ANALYSIS AND SECURITY

Drill core, secured in enclosed core trays, is collected at the drill site by Queenston personnel and transported directly to the core logging facility at the Toburn Mine Site[11]. Logging facilities are secured by lock with only Queenston personnel and the building owner possessing keys. Only authorized personnel are allowed in the logging and core cutting facilities. Once inside the core logging facilities tray lids are removed, core is measured, tray tags are applied and trays are racked in preparation for logging. Core remains inside the facility for the entire sample processing flow from logging to core cutting to sample bagging, in preparation for shipment.

Geologists log the core and demarcate samples as previously provided. Sample tickets, obtained from Polymet are utilized at all times for identifying samples. Each sample ticket has a unique series and numerical identity to mark individual core samples as identified by the geologist. Core cutting technicians place ½ core samples with the corresponding sample ticket into 10"x15"x.006 mil clear plastic bags and secure each bag with a cable tie. The other half of the sample ticket is stapled to the core tray at the beginning of the sample. Eight to twelve individual sample bags are placed into rice bags and secured with a security tag having its own identifying number. For shipment, the rice bag is marked with the Receiving Lab address and sequential rice bag number of the total number of rice bags to be shipped. A Chain of Custody form is provided in the first rice bag of the shipment outlining the number of rice bags in the shipment, sample number series in each rice bag and total number of samples. The security tag column on the form is intentionally left blank and is 'filled-in' by the receiving Lab to return by fax to Queenston with the correct security tag number. This ensures that the security tag is not breached during shipment and that the samples are secure.

After core is cut, ½ core remaining in core trays are transported for storage at Queenston's Lebel or Upper Canada sites. Core trays are stacked and strapped to pallets or placed in core racks.

Assay Methodology – Polymet

Individual core samples normally weigh 0.5 to 2.5 kg in weight and are dried before crushing. The entire sample is crushed in a steel jaw crusher with 90% to -8 mesh, then split into 200 to 450 g samples using a Riffle Splitter. This portion is pulverized to 90% -150 mesh using a ring pulverizer. Brushing and compressed air cleaning is performed between each sample to prevent cross-contamination. A silica wash is used only after processing samples that are noted or marked containing visible gold or if an inspection proves any build-up on the rings or bowl. At every 15th sample, the ground wash material from the pulverizer is forwarded in sequence for analysis by fire assay. The data from the washes must be consistently <0.03 gAu/t to support

[11] Toburn Mine Site. Managed by the Toburn Operating Authority and owned by The Corporation of the Town of Kirkland Lake. Government Road East, Kirkland Lake, ON.

the effectiveness of the cleaning protocol. All samples are submitted for fire assay with pulps and rejects returning to Queenston.

Gold is determined by fire assay of a 14.58 g fire assay charge. The analysis begins with a fusion of flux mixture and sample added to a crucible placed in an assay furnace leading to a resultant lead button. The lead button is melted into a cupel with the remaining gold bead ready for weighing. For core samples with gold assays exceeding 1 gAu/t, a check assay is performed whereby a second cut off of the reject is taken, pulverized for a second pulp for an additional, separate fire assay.

Polymet performs its own quality assurance and control whereby internal blanks and standards are inserted every 48 samples. Polymet is ISO9001:2000 registered.

Swastika and AGAT have similar assay methodologies with fire assay and AAS[12] or ICP-OES[13] finish.

Data Entry

Assays are reported by Polymet, Swastika and AGAT, by both electronic certificate and original, signed hard copy certificate. Queenston personnel compare and verify electronic data to hard copy data. Assay database input is performed and/or reviewed by Sutton, McCormack and Patti Rozich[14] ("Rozich") to avoid the possibility of data input error.

Data Verification

Field Blank

Crushed cement blocks, placed in sample bags with sample tickets, are inserted into the sample core flow usually following a sample having suspected gold mineralization in order to detect possible contamination to surrounding samples. Of the 20,700 samples assayed for the Bidgood Project in 2010-11, 941 field blanks were inserted or 4.5% of total samples assayed. With respect to field blank assays, any assay over 0.03 gAu/t were reviewed. If it were determined that possible contamination occurred, sample rejects surrounding the abnormal blank assay were either re-assayed or core samples were ¼ sawn and re-submitted for assay.

Field Standard

[12] AAS. Atomic Absorption Spectroscopy.
[13] ICP-OES. Inductively Coupled Plasma-Optical Emission Spectroscopy.
[14] Patti Rozich. Land and Project Administrator, Queenston Mining Inc. 36 Prospect Avenue. Kirkland Lake, ON P2N 2V4.

Two certified field standards were inserted at approximately every 25 metre intervals using RockLabs[15] Si54[16], OxL63[17] and OxL93[18] For the Bidgood Project 845 field standards were inserted or 4.1% of the 20,700 samples assayed. Where field standard assays went beyond three standard deviations from the average, standards were reviewed and re-assaying of surrounding core samples was undertaken or review of referee analysis of pulp and rejects would be performed.

¼ Sawn Core

Selected ½ core samples were identified with an additional sample ticket for sawing ¼ of the ½ core as a check for gold variability and check on the ½ core assay. In regards to both projects the following ¼ samples were taken;

103 core samples were ¼ sawn or 0.5% of the total number of core assays.

Even though variance occurs between ½ and ¼ core assays, ¼ core assisted in evaluating core where contamination was suspected, when visible gold was observed while logging or where a high grade assay was returned.

Referee Samples (Pulps and Rejects)

Pulp and reject samples from the original ½ core analysis (as performed by Polymet Labs) were submitted to Swastika and AGAT laboratories for referee analysis. Of the 20,700 core samples assayed, 812 pulps and 963 rejects were submitted for referee analysis representing 3.9% and 4.6% of the total core assays respectively.

Referee assays of pulp and rejects compared relatively well with Polymet assays. Referee assays were also used as a check on core assays surrounding abnormal field blank or standard assays, high grade assays and from samples where results were suspect.

Screened Metallic Fire Assay

Five samples from Boundary Zone and one sample from Bidgood were submitted for screened metallic fire assay at AGAT and Swastika respectively. Resultant screened metallic assay ranged from +/- 0.6% to 20% when compared to Polymet ½ core fire assays.

[15] Rocklabs Limited. P.O. Box 18-142, Auckland, New Zealand. Tel: +64 9 634 7696. Website: www.rocklabs.com.
[16] Rocklab Si54. Recommended gold concentration 1.780 µg/g, 95% confidence level +/- 0.011 µg/g.
[17] Rocklab OxL63. Recommended gold concentration 5.865 µg/g, 95% confidence level +/- 0.055 µg/g.
[18] Rocklab OxL93. Recommended gold concentration 5.841 µg/g, 95% confidence level +/- 0.053 µg/g

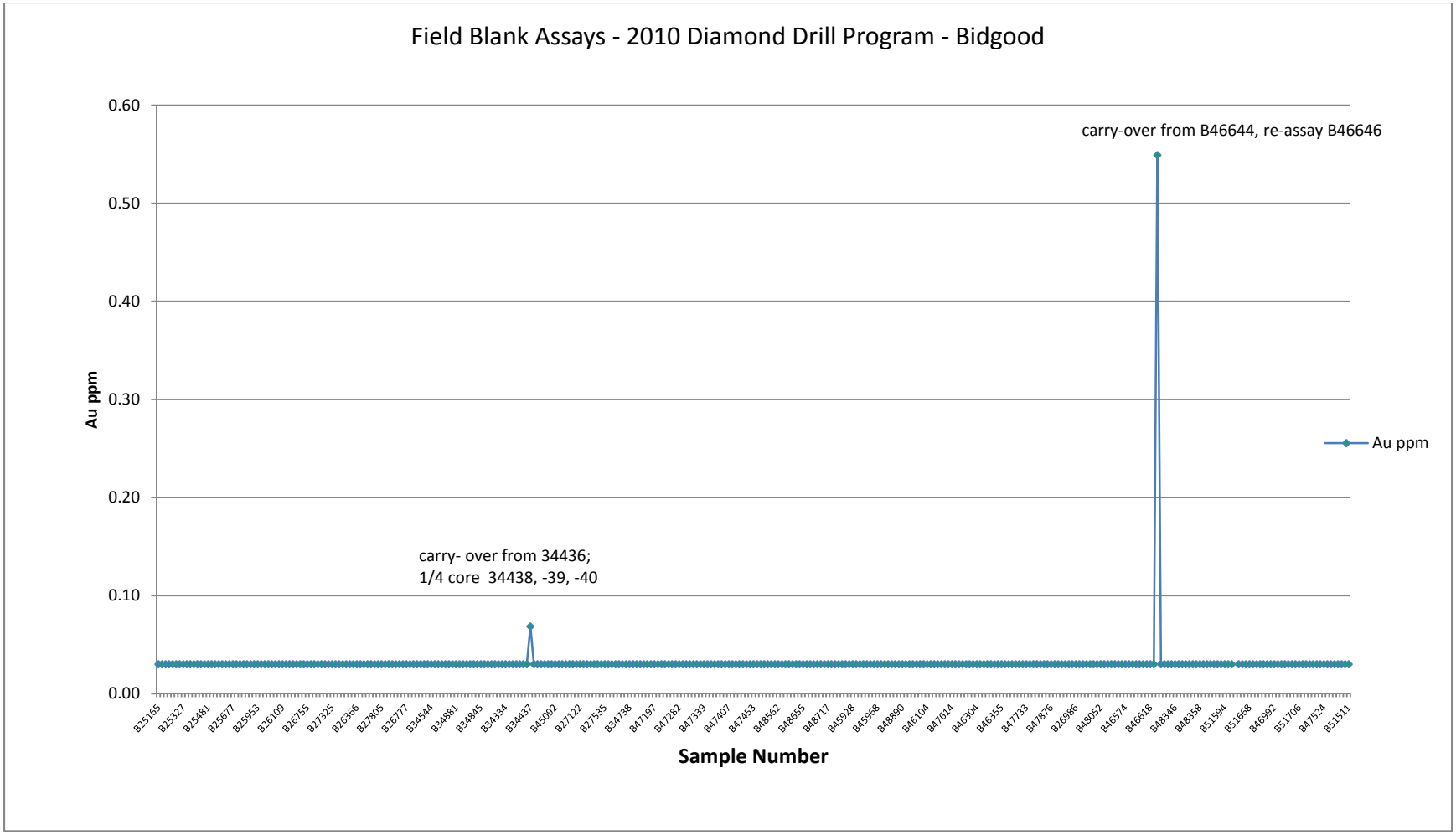


Figure 7. Field Blanks 2010 Drill Program.

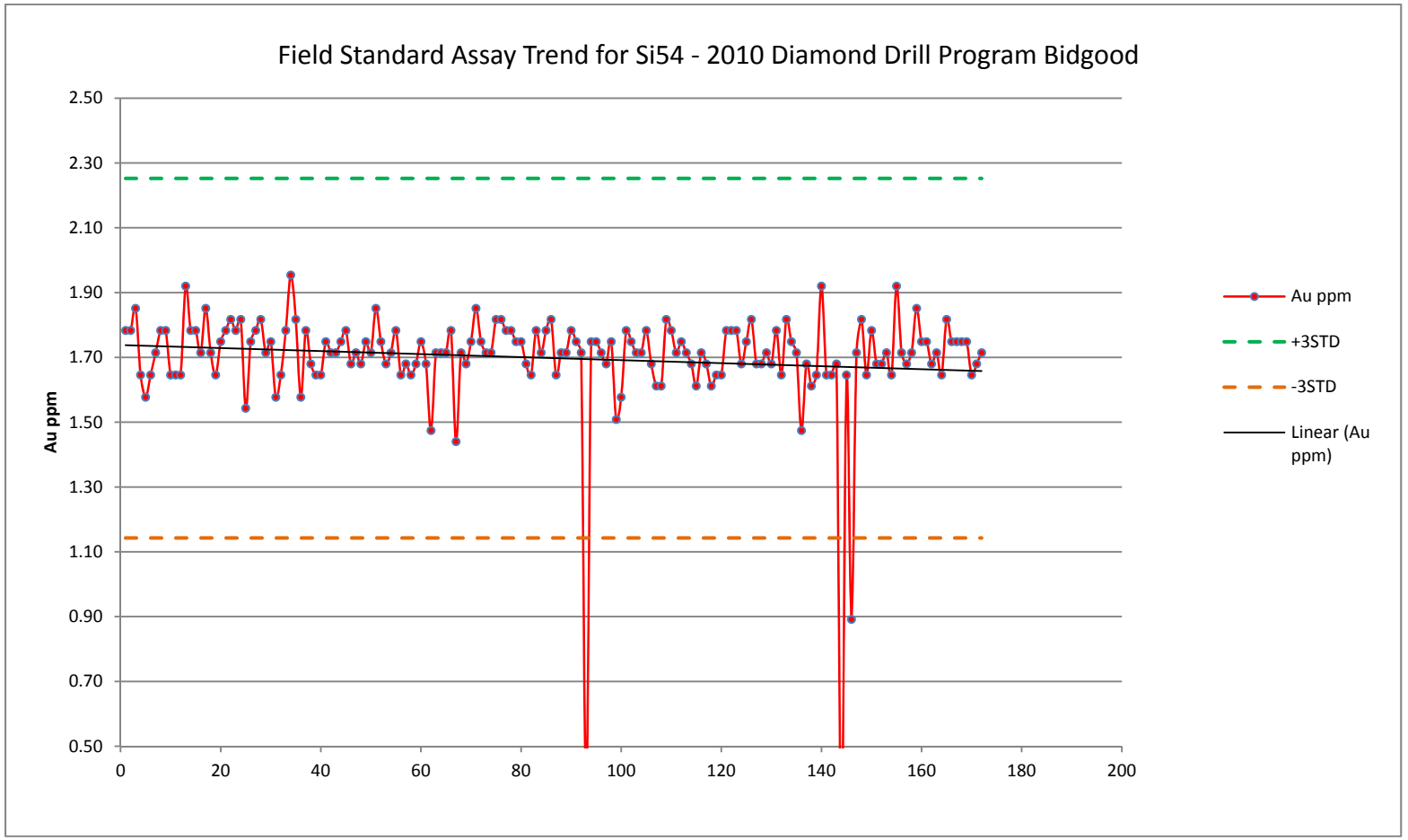


Figure 8. Field Standard Si54 - 2010 Drill Program

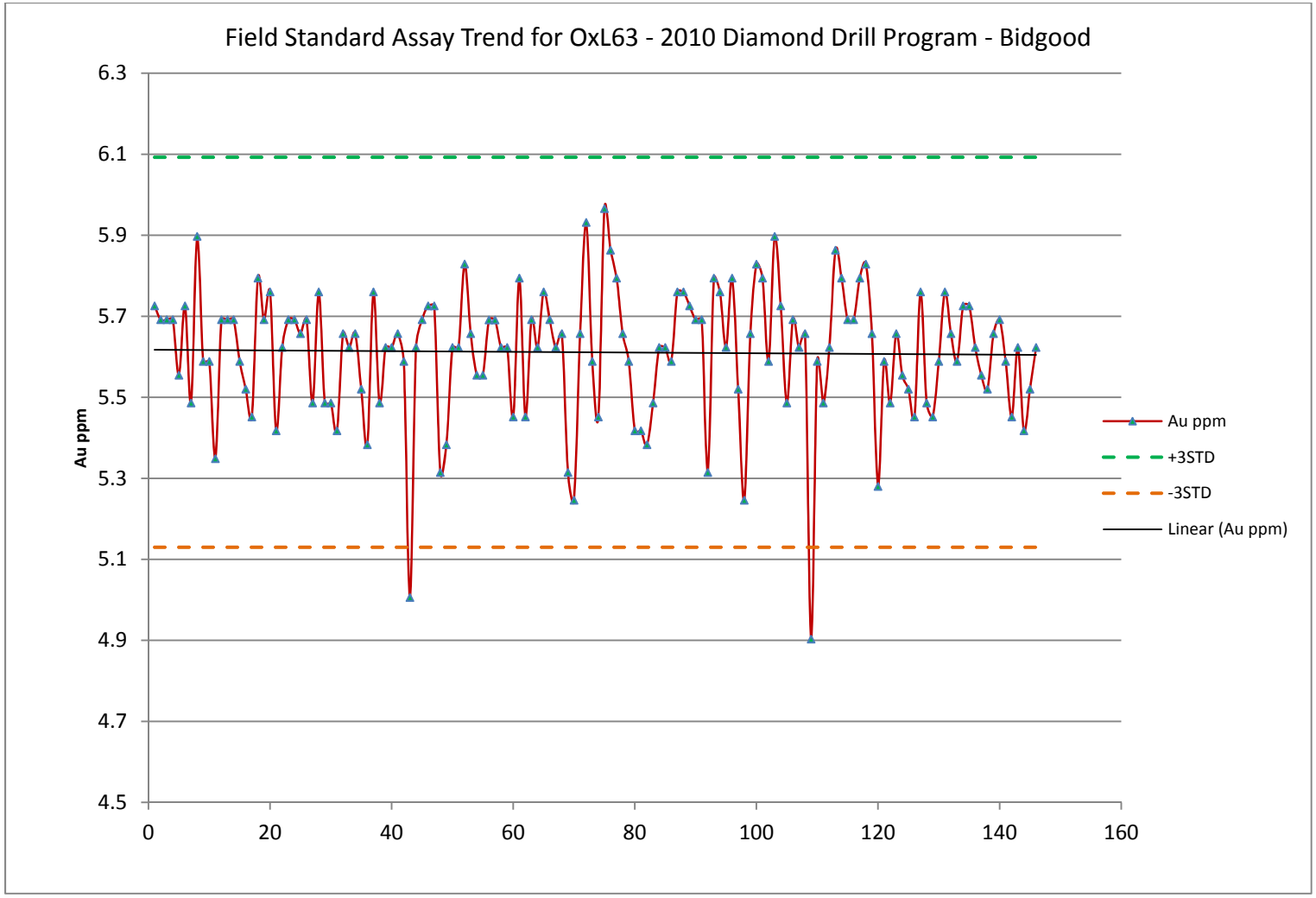


Figure 9. Field Standard OxL63 – 2010 Drill Program

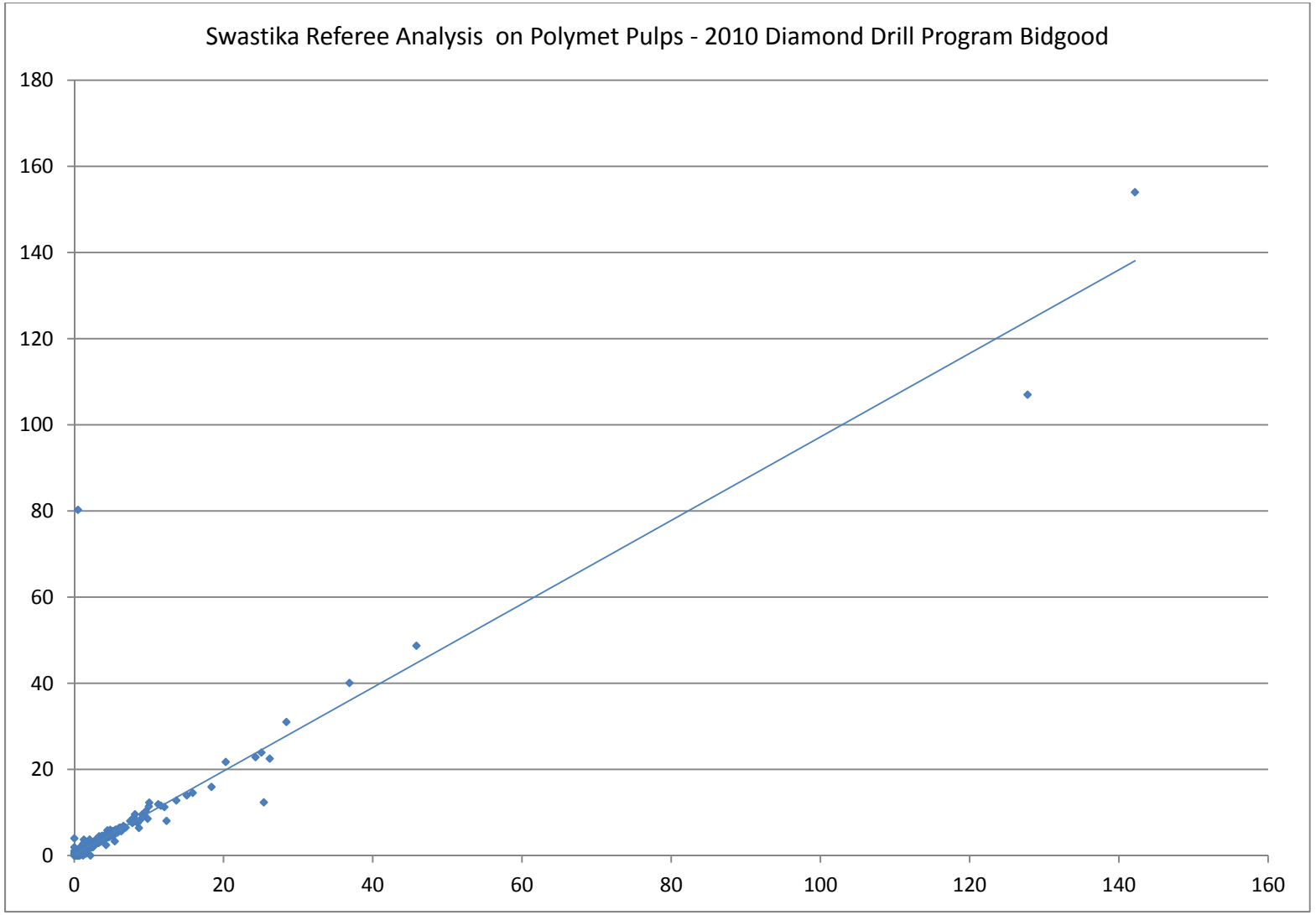


Figure 10. Referee Analysis – 2010 Pulps

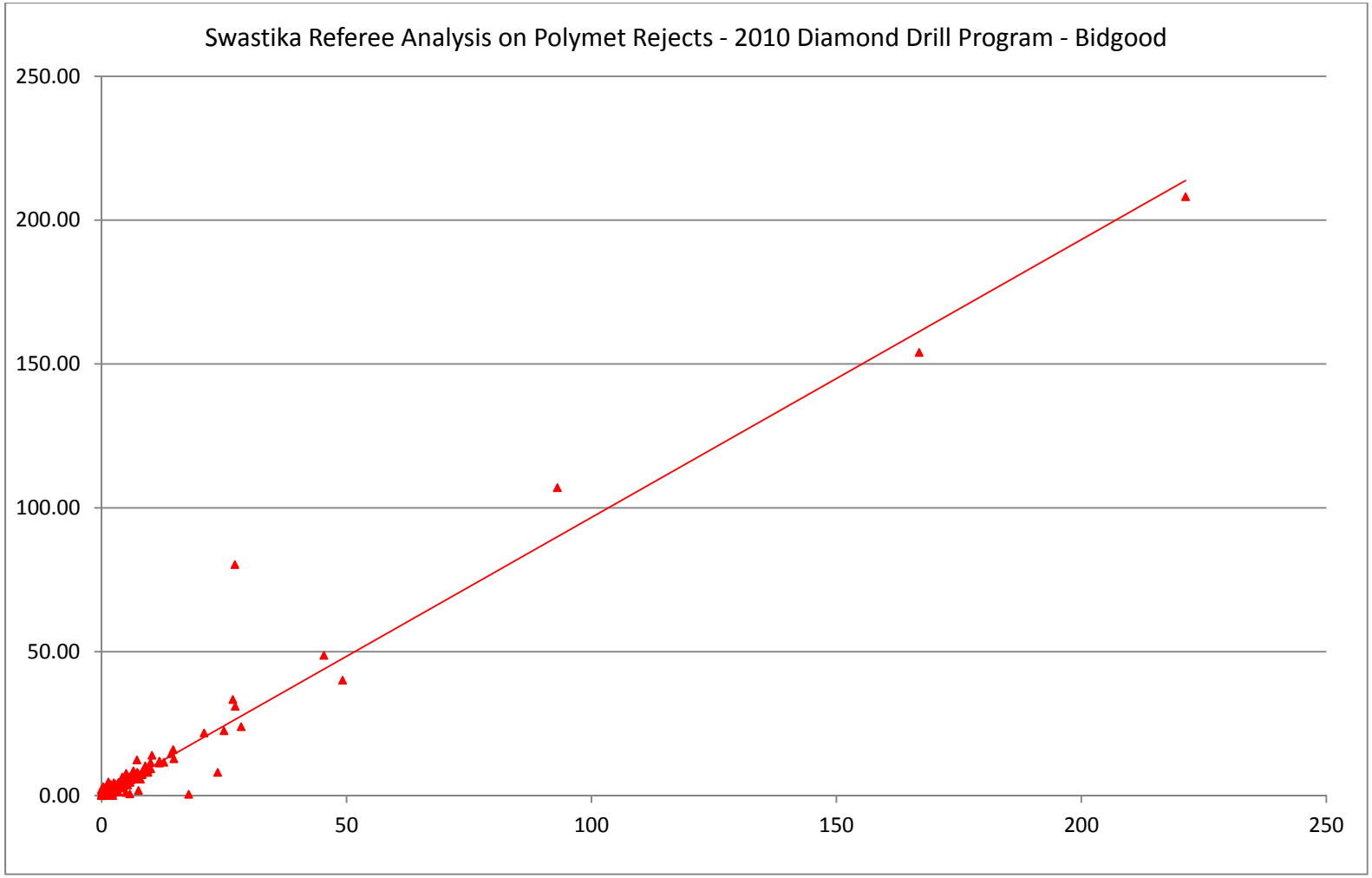


Figure 11. Referee Analysis – 2010 Rejects

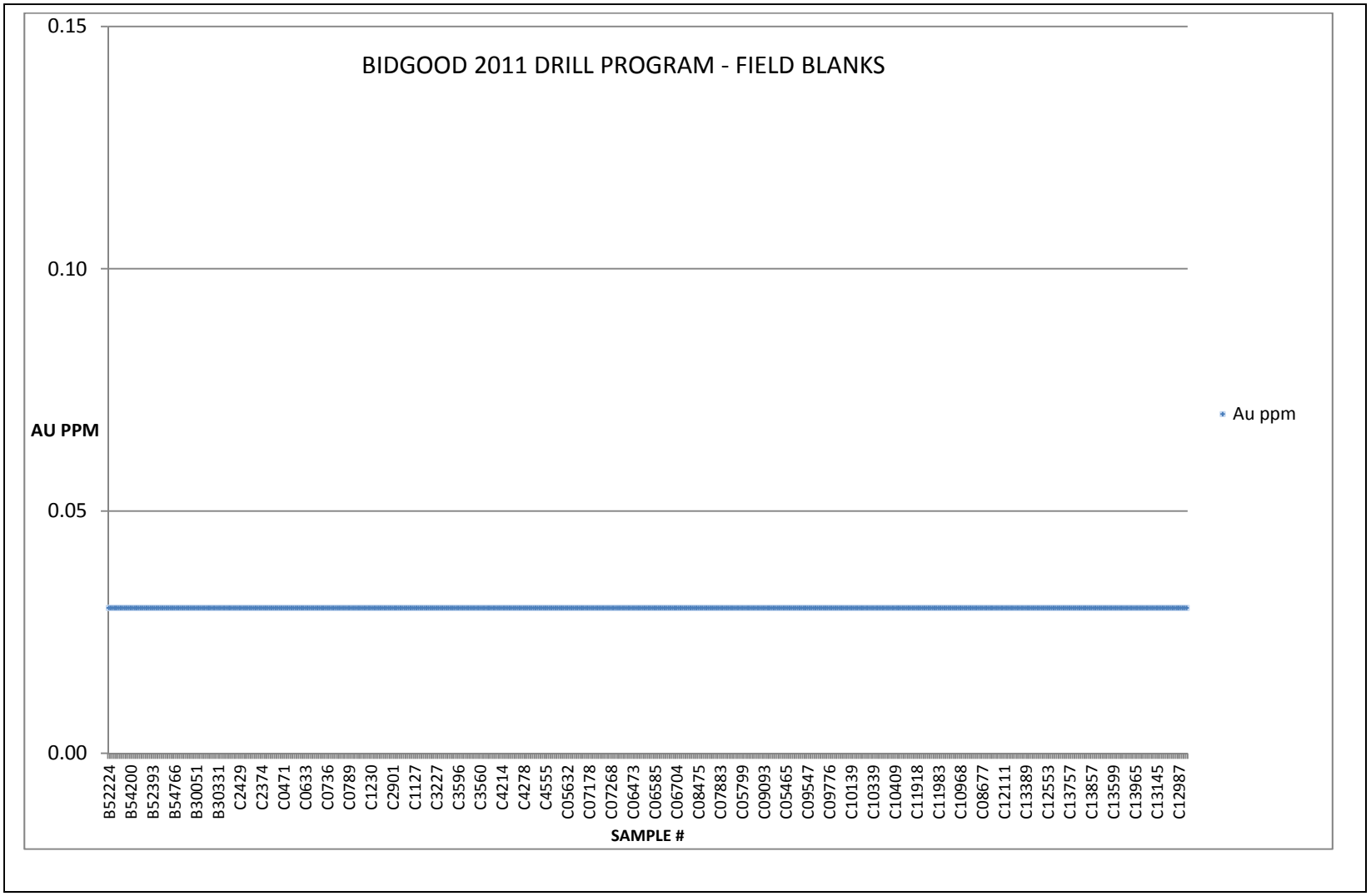


Figure 12. Field Blanks – 2011 Drill Program

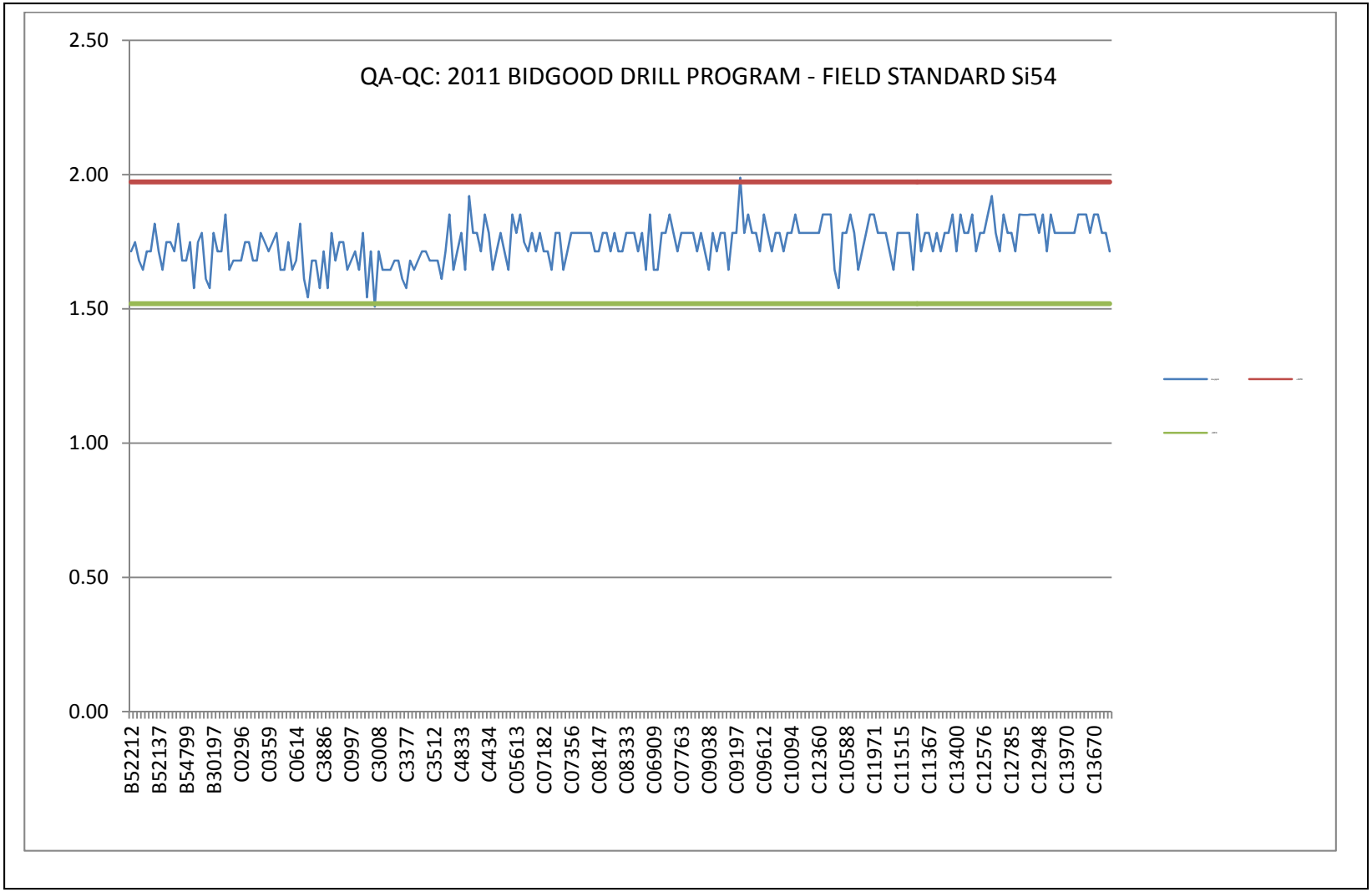


Figure 13. Field Standard Si54 – 2011 Drill Program

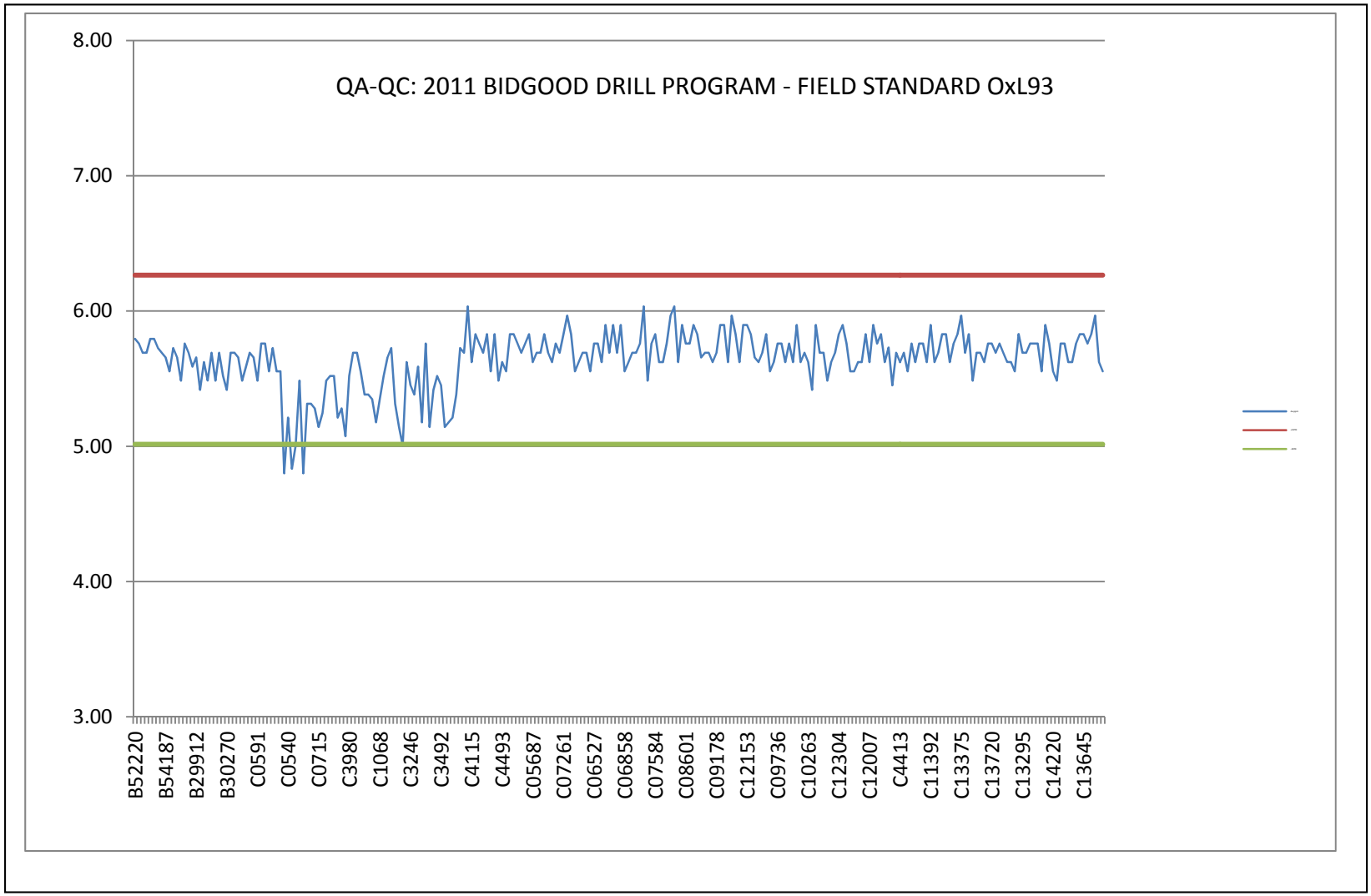


Figure 14. Field Standard OxL93 – 2011 Drill Program

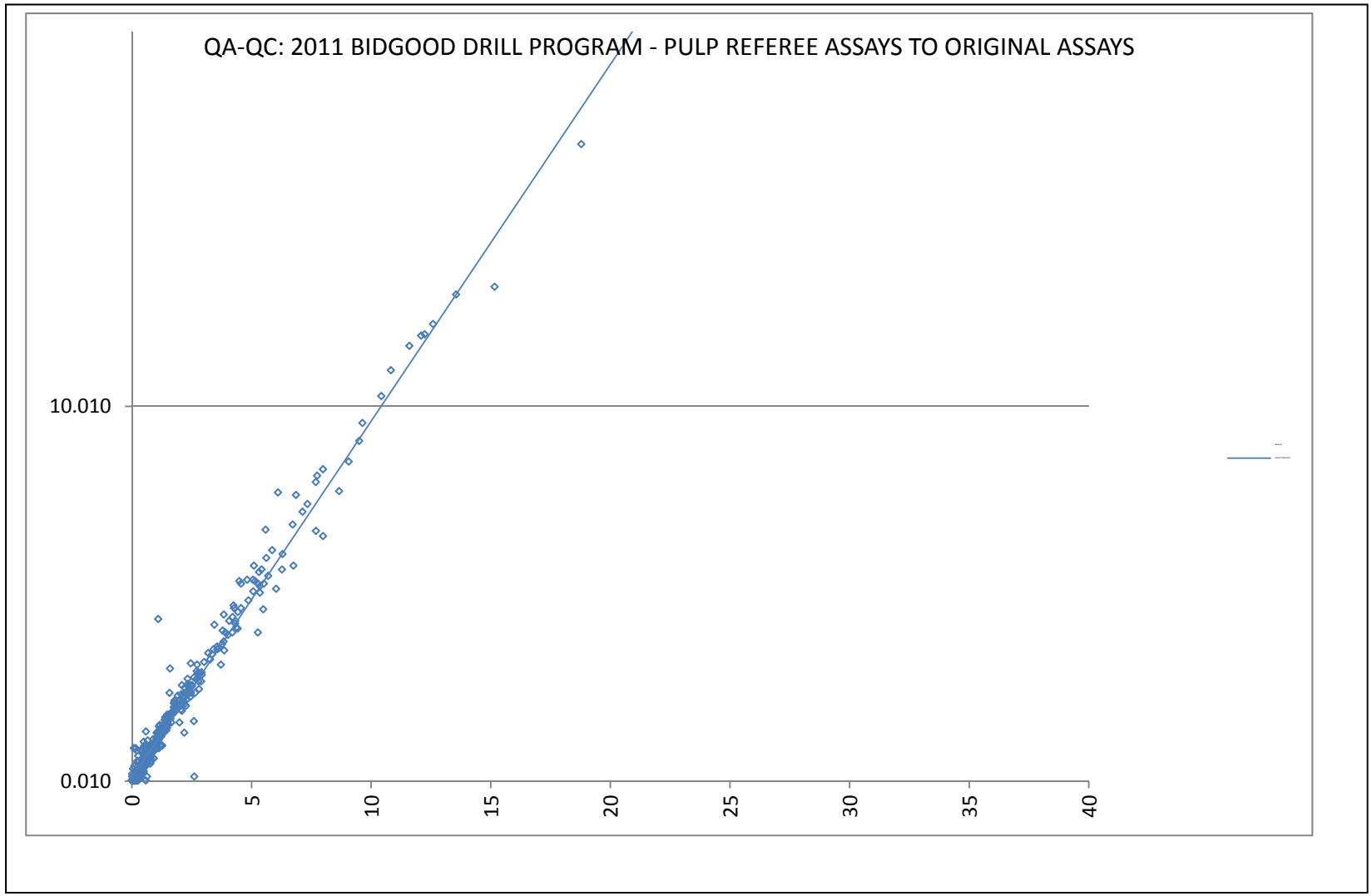


Figure 15. Referee Analysis – 2011 Pulps

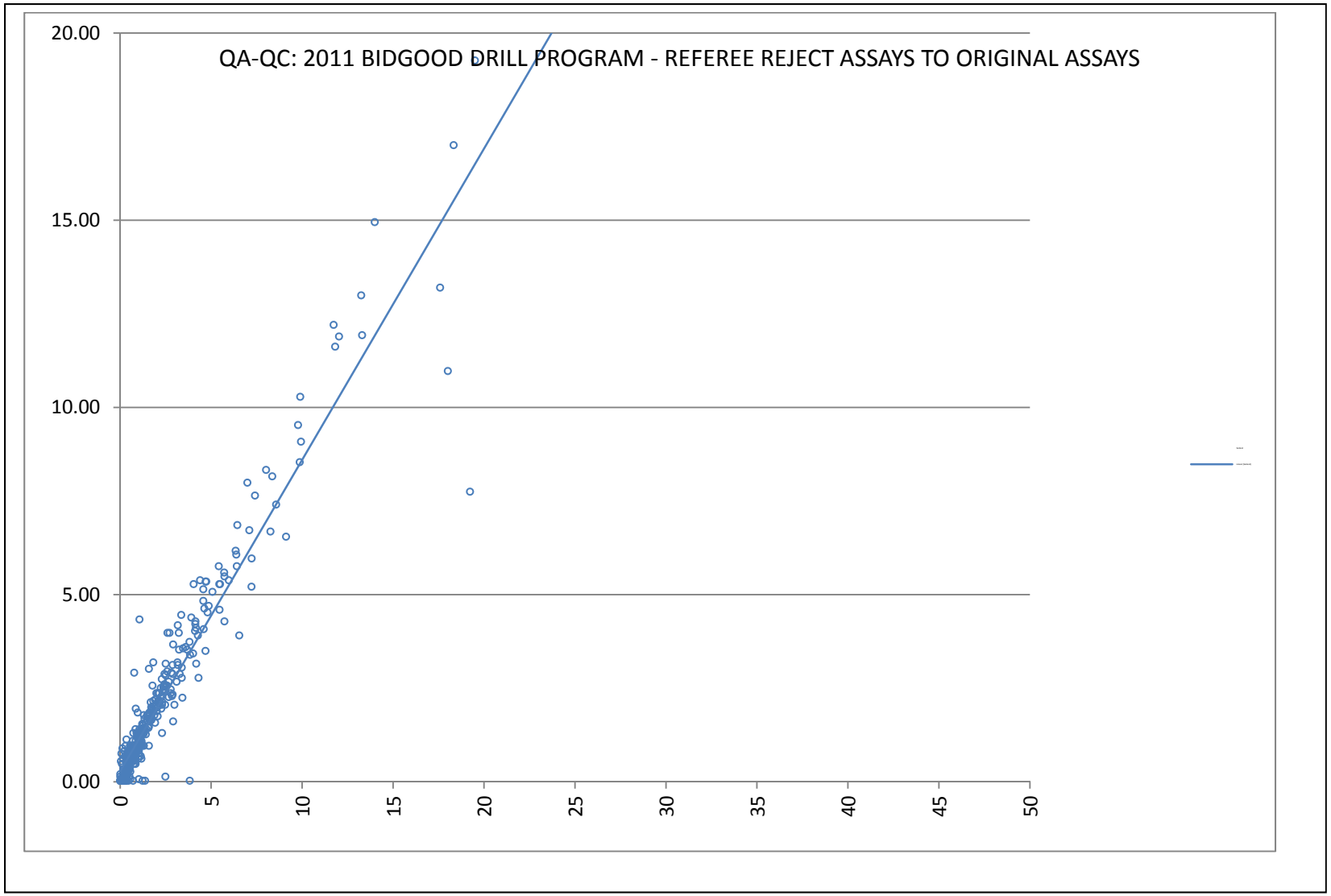


Figure 16. Referee Analysis – 2011 Rejects

9.0 OBSERVATIONS AND HIGHLIGHTS

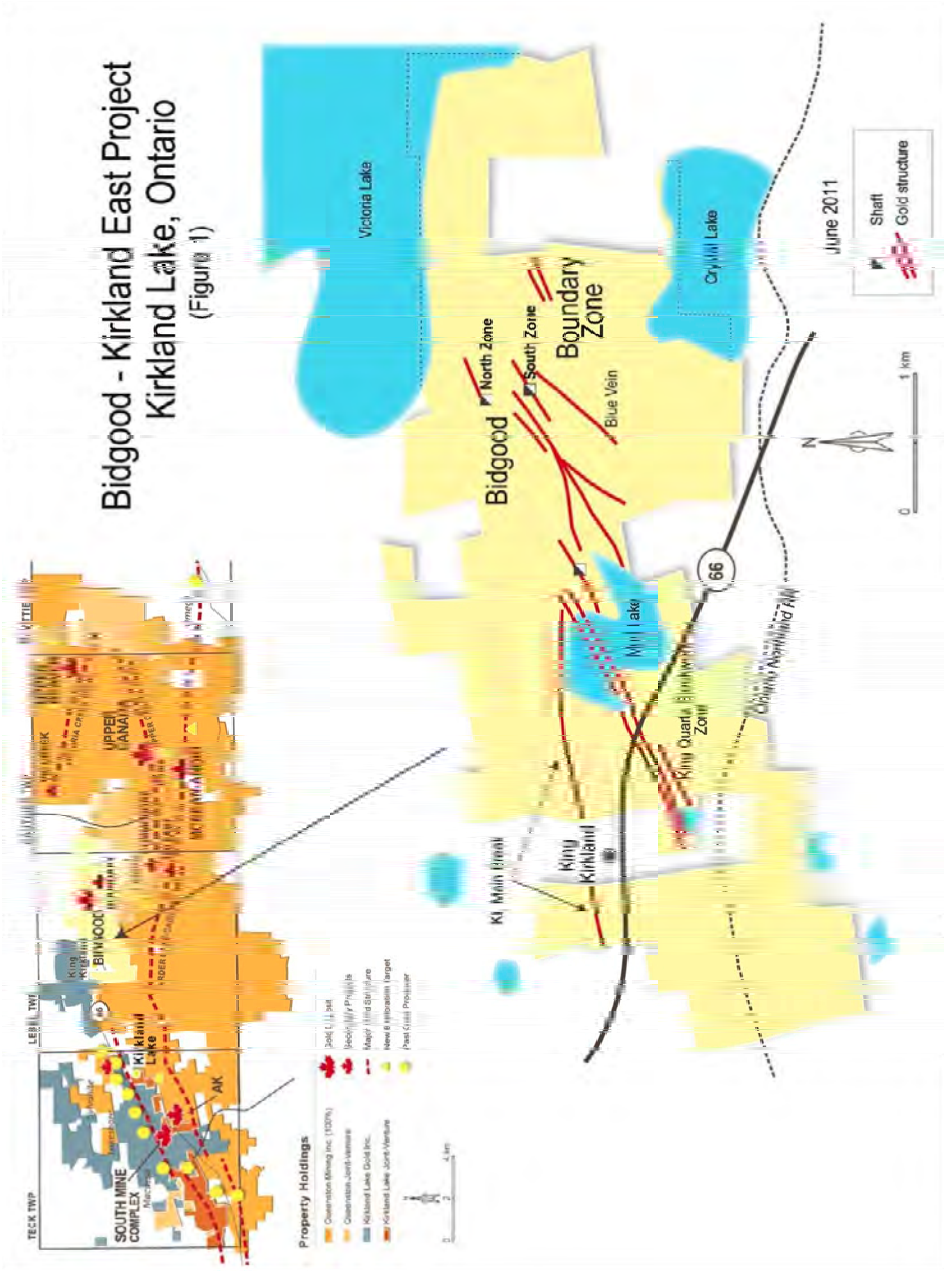


Figure 17. General Locations of Mineralized Zones

9.1 2010-11 BIDGOOD SOUTH ZONE

TABLE
HIGHLIGHTS OF DRILL INTERCEPTS FROM THE LEBEL – 2010-11 DRILL PROGRAM – SOUTH ZONE

Hole No.	Azimuth	Dip(º)	From (m)	To (m)	Length (m)	Au (g/t)	Zone
BG10-01	129	-45	37.9	39.1	1.2	2.08	South
BG10-01	129	-45	135	142.8	7.8	2.36	South
BG10-02	121	-58	102.6	103.3	0.7	2.13	South
BG10-02	121	-58	158.0	158.5	0.5	5.80	South
BG10-02	121	-58	184.3	188.5	4.2	3.31	South
BG10-06	134	-54	87.7	90	2.3	3.34	South
BG10-08	102	-50	175.5	176.2	0.7	2.88	South
BG10-08	102	-50	198.5	199.4	0.9	5.28	South
BG10-08	102	-50	208.1	209.8	1.7	5.74	South
BG10-08	102	-50	238.8	239.6	0.8	11.42	South
BG10-09	189	-54	8.6	14.5	5.9	1.62	South
BG10-10	140	-78	11.9	33.2	21.3	4.95	South
BG10-10	140	-78	46.9	47.6	0.7	1.89	South
BG10-10	140	-78	78	78.6	0.6	2.54	South
BG10-10	140	-78	80	80.7	0.7	2.37	South
BG10-10	140	-78	100.2	100.8	0.6	4.05	South
BG10-12	322.1	-62	288.70	289.50	0.80	4.90	South #20 Vein
BG10-12	322.1	-62	309.60	324.00	14.40	2.56	South #20 Vein
BG10-14	179	-63	5.6	69.9	64.3	1.61	South
BG10-15	91	-51	9.9	28.6	18.7	4.38	South
BG10-16	76	-42	11.8	48.3	36.5	1.77	South
BG10-21	80	-64	102	105.10	3.10	1.95	South
BG10-21	80	-64	126.10	127.10	1.00	4.17	South
BG10-21	80	-64	140.5	147.70	7.20	3.12	South

BG10-22	87	-69	103.80	104.60	0.80	3.15	South
BG10-22	87	-69	111.90	113.00	1.10	2.74	South
BG10-22	87	-69	128.00	128.50	0.50	6.58	South
BG10-22	87	-69	139.50	140.90	1.40	2.02	South
BG10-22	87	-69	142.30	153.80	11.5	12.15	South
BG10-23	320	-42	28.1	35	6.9	3.36	South
BG10-23	320	-42	48.2	49.1	0.9	2.02	South
BG10-24	310	-62	76.55	77.90	1.35	3.43	South #15 Vein
BG10-24	310	-62	141.40	142.20	0.80	12.31	South #15 Vein
BG10-24	310	-62	214.00	224.00	10.00	1.43	South #15 Vein
BG10-26	178	-60	15.7	16.6	0.9	4.49	South
BG10-26	178	-60	45.65	47.25	1.6	6.1	South
BG10-27	132	-60	10.9	33.2	22.3	1.97	South
BG10-28	162	-66	139.00	140.00	1.00	9.57	South
BG10-30	179	-42	6.5	10.3	3.8	2.59	South
BG10-31	181	-53	43.8	47.5	3.7	1.53	South
BG10-33	107	-72	14.2	38.3	24.1	7.24	South
BG11-35	352.167	-45	62.80	79.90	1.63	17.10	South
BG11-35	352.167	-45	73.80	76.55	6.34	2.75	INCLUDING
BG10-40	310	-42	23.6	33.2	9.6	1.67	South
BG10-41	308	-42	11.8	41.4	29.6	2.52	South
BG10-43	187	-66	200.55	201.60	1.05	5.30	South
BG10-43	187	-66	399.00	400.30	1.30	7.72	South
BG10-43	187	-66	424.85	427.80	2.95	1.69	South
BG10-46	170	-53	78.7	82.1	3.4	1.98	South
BG10-47	150	-58	39.6	40.6	1.0	2.12	South
BG10-47	150	-58	49.0	49.6	0.6	6.45	South
BG10-47	150	-58	80.6	81.4	0.8	5.01	South

BG10-47	150	-58	86.5	88.0	1.5	6.62	South
BG10-50	112.5	-52	39.0	41.9	2.9	1.50	South
BG10-50	112.5	-52	53.3	85.2	31.9	1.51	South
BG10-50	112.5	-52	54.5	55.3	0.8	12.04	South
BG10-50	112.5	-52	75.7	78.5	2.8	4.93	South
BG10-50	112.5	-52	104.1	105.0	0.9	5.62	South
BG10-57	127	-44	37.40	38.25	0.85	5.49	South
BG10-58	97	-68	72.20	131.70	59.50	1.88	South
BG10-59	134	-62	50.60	80.35	29.75	1.52	South
BG10-60	161.3	-45	35.00	41.75	6.75	2.23	South #11 Vein
BG10-69	192	-52	29.55	30.45	0.90	48.72 (VG)	South #6 Vein
BH10-70	120	-59	28.5	30	1.5	2.02	South
BG10-71	143.5	-75	149.50	153.85	4.35	5.76	South
BG10-71	143.5	-75	156.40	158.30	1.20	2.23	South
BG10-72	113	-44	43.5	45.2	1.7	4.53	South
BG10-72	113	-44	119.45	122.30	2.85	1.99	South
BG10-72	113	-44	169.5	171.0	1.5	4.15	South
BG11-74	306	-43.5	121.65	126.65	1.24	5.00	South
BG10-76	134	-45	114.6	155.35	40.75	1.5	South
BG10-76	134	-45	61.65	63.10	1.45	3.35	South
BG10-76	134	-45	140.0	141.6	1.6	4.94	South
BG10-77	136	-45	61.65	63.1	1.45	3.35	South
BG10-77	136	-45	140	141.6	1.6	4.94	South
BG10-78	106	-47.2	41.7	49.3	7.6	1.95	South
BG10-78	106	-47.2	183.0	193.8	10.8	2.19	South
BG10-78	106	-47.2	203.5	204.6	1.1	2.64	South
BG10-78	106	-47.2	207	208.2	1.2	1.75	South
BG10-79	141	-56	136.10	180.75	44.65	1.94	South

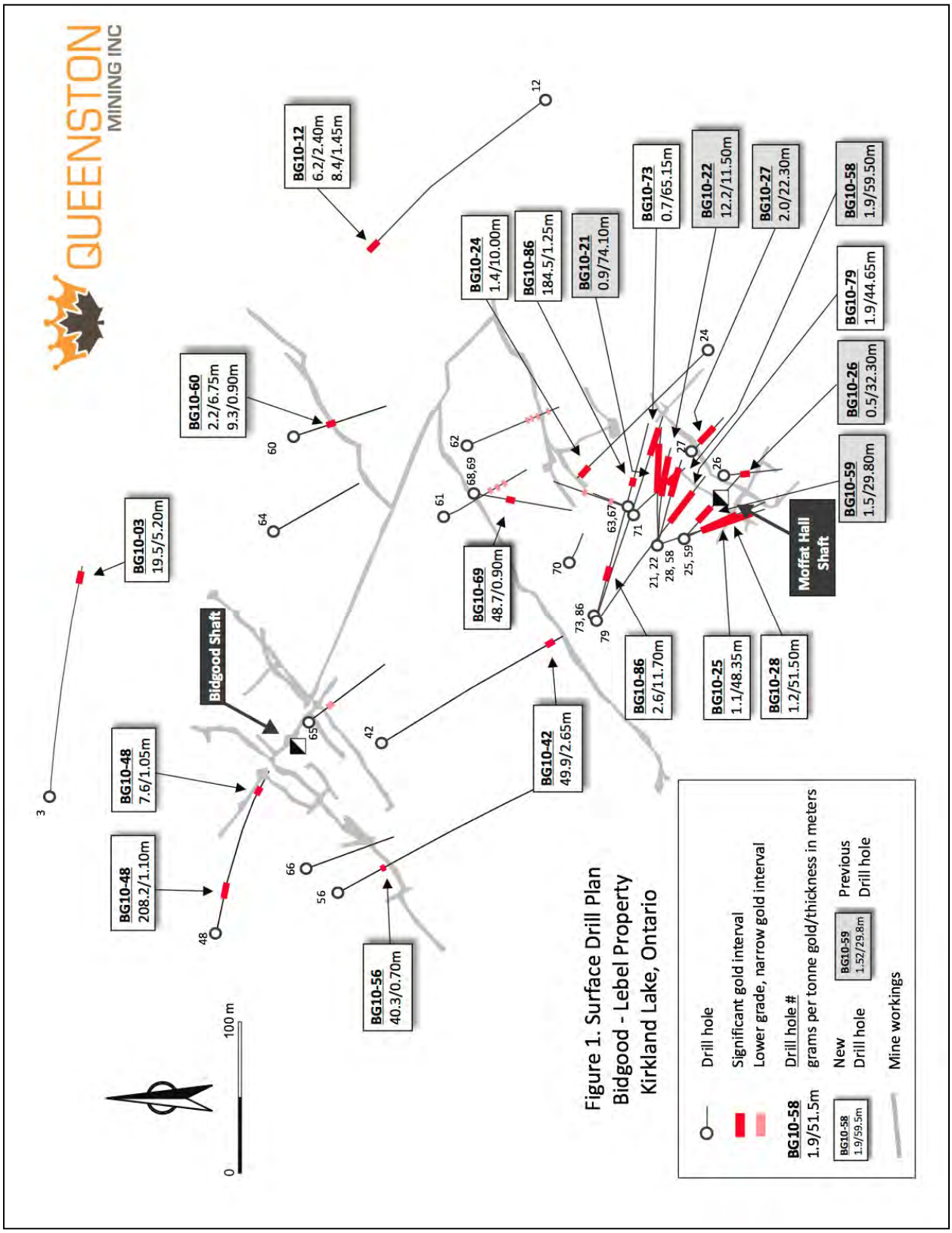
BG11-81	318.655	-45	45.00	49.80	3.53	4.80	South
BG11-82	325	-45	87.85	93.00	1.60	5.15	South
BG10-86	110	-61	59.30	71.00	11.70	2.62	South
BG10-86	110	-61	170.40	171.65	1.25	184.53	South
BG10-86	110	-61	171.65	174.50	2.85	1.43	South
BG11-89	345.5	-49	123.85	125.00	1.15	3.88	South
BG10-92	132	-57	49.1	49.7	0.6	1.68	South
BG10-92	132	-57	70.5	71	0.5	1.92	South
BG10-92	132	-57	110.5	111.4	0.9	1.71	South
BG10-92	132	-57	168.6	182.7	14.1	3.1	South
BG10-93	143	-51	61.4	61.9	0.5	9.67	South
BG10-93	143	-51	186.9	188.2	1.3	1.71	South
BG10-94	125	-51	64.1	64.7	0.6	1.58	South
BG10-94	125	-51	70.6	72.6	2	2.27	South
BG10-94	125	-51	130.8	163.8	33	2.21	South
BG10-94	125	-51	217.5	218.6	1.1	3.76	South
BG10-95	102	-42	52.75	54.00	1.25	2.85	South #11 Vein
BG10-95	102	-42	65.90	66.70	0.80	5.28	South #11 Vein
BG10-95	102	-42	81.10	82.15	1.05	2.30	South #11 Vein
BG10-97	129	-42	41.50	42.55	1.05	2.74	South #11 Vein
BG10-98	129	-61	50.30	52.75	2.45	6.41	South
BG10-101	104	-61	64.5	65.2	0.7	2.54	South
BG10-101	104	-61	86.1	94	7.9	2.04	South
BG10-101	104	-61	102.9	103.9	1	1.54	South
BG10-101	104	-61	294.6	295.2	0.6	2.09	South
BG10-102	91	-45	6.95	9.15	2.20	4.40	South
BG10-102	91	-45	15.00	17.00	2.00	1.73	South
BG11-109	130	-37	45.00	48.00	3.00	10.81	South

BG11-109	130	-37	103.50	108.50	5.00	7.30	South
BG11-110	129	-55	37.00	38.35	1.35	2.88	South
BG11-110	129	-55	179.90	184.90	5.00	2.00	South
BG11-110	129	-55	224.85	226.00	1.15	5.52	South
BG11-111	141	-37	61.50	62.30	0.80	39.65	South
BG11-111	141	-37	72.70	87.00	14.30	1.59	South
BG11-114	127	-72	39.90	43.35	3.45	1.41	South
BG11-114A	106	-53.7	34.20	39.00	4.80	3.45	South
BG11-115	135	-64	61.40	83.00	21.60	2.04	South
BG11-115	135	-64	126.00	126.9	0.90	2.61	South
BG11-115	135	-64	131.90	132.95	1.05	4.29	South
BG11-115	135	-64	150.00	151.40	1.40	1.51	South
BG11-115	135	-64	161.25	162.25	1.00	2.20	South
BG11-116	198	-45	19.30	19.90	0.60	9.53	South
BG11-116	198	-45	113.70	114.50	0.80	4.11	South
BG11-116	198	-45	147.00	147.80	0.80	5.66	South
BG11-116	198	-45	160.35	161.35	1.00	3.02	South
BG11-116	198	-45	184.20	185.20	1.00	2.02	South
BG11-117	198	-45	20.10	91.15	71.05	2.99	South
BG11-129	320.1	-55	10.1	16.3	6.20	170.59	South
BG11-129	320.1	-55	36	39.95	3.95	22.99	South
BG11-132	325	-52	116.2	123	6.8	1.74	South
BG11-132	325	-52	116.2	117.05	0.85	7.06	Including
BG11-135	323	-58	73	77.5	4.5	2.69	South
BG11-139	348.5	-50	409	419.45	10.45	5.78	South
BG11-140	132	-66	105.6	109.4	3.8	1.93	South
BG11-140	132	-66	190.25	201	10.75	0.66	South
BG11-142	172	-45	17.50	20.20	2.70	2.14	South

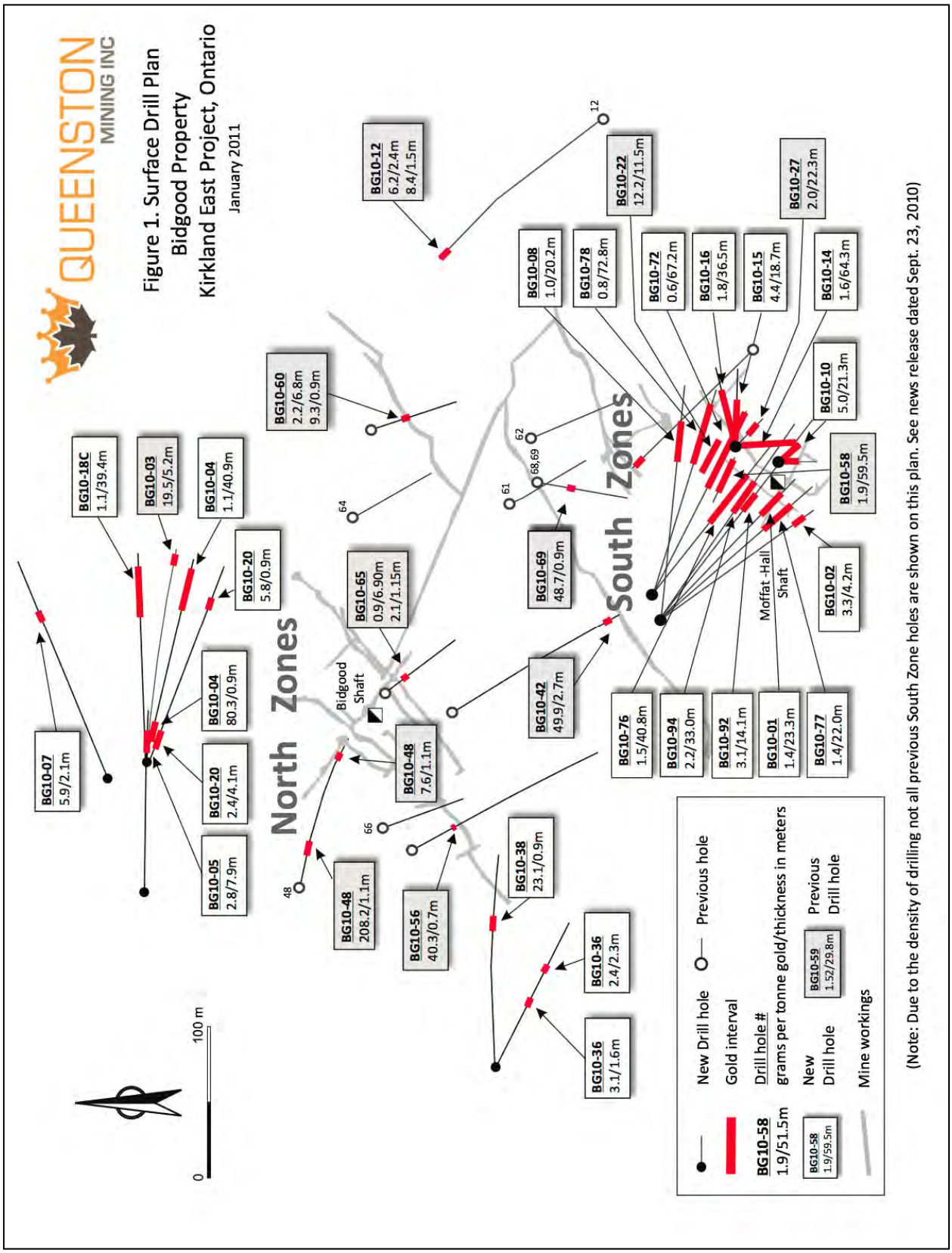
BG11-142	172	-45	81.00	82.50	1.50	6.27	South
BG11-143	148	-42	88.7	93.0	4.30	1.24	South
BG11-144	138	-65	17.50	29.40	11.90	0.54	South
BG11-146	110	-45	24.00	26.00	2.00	0.75	South
BG11-146	110	-45	30.50	32.00	1.50	1.12	South
BG11-148	129	-45	67.00	68.00	1.00	2.16	South
BG11-149	140	-75	76.4	78.6	2.20	2.23	South
BG11-152	141.8	-52	122	128.1	6.10	2.66	South
BG11-153	131.1	-63	107.5	116.5	9.00	1.18	South
BG11-153	131.1	-63	155	162	7.00	1.32	South
BG11-155	269.5	-48	23	30.5	7.50	7.75	South
BG11-155	269.5	-48	144.5	159	14.50	2.71	South
BG11-155	269.5	-48	230.5	231.25	0.75	11.62	South
BG11-156	104.7	-65	76	77	3.10	1.61	South
BG11-157	110.9	-73	167	171	4.00	2.32	South
BG11-158	195.1	-65	65.3	66	0.70	8.33	South
BG11-159	214	-73	20.5	21	0.50	10.18	South
BG11-161	138	-55	20	23.6	3.60	12.6	South
BG11-161	138	-55	161	171	10.00	5.21	South
BG11-162	126.6	-55	20.2	25	4.80	2.86	South
BG11-162	126.6	-55	73	74	2.00	11.18	South
BG11-162	126.6	-55	138.4	145	7.60	1.76	South
BG11-172	207.6	-65	118	119	1.00	9.87	South

Notes: The mineralized intervals in the above table represents core lengths. True widths were determined to be between 50-99% of core lengths. VG means the occurrence of visible gold.

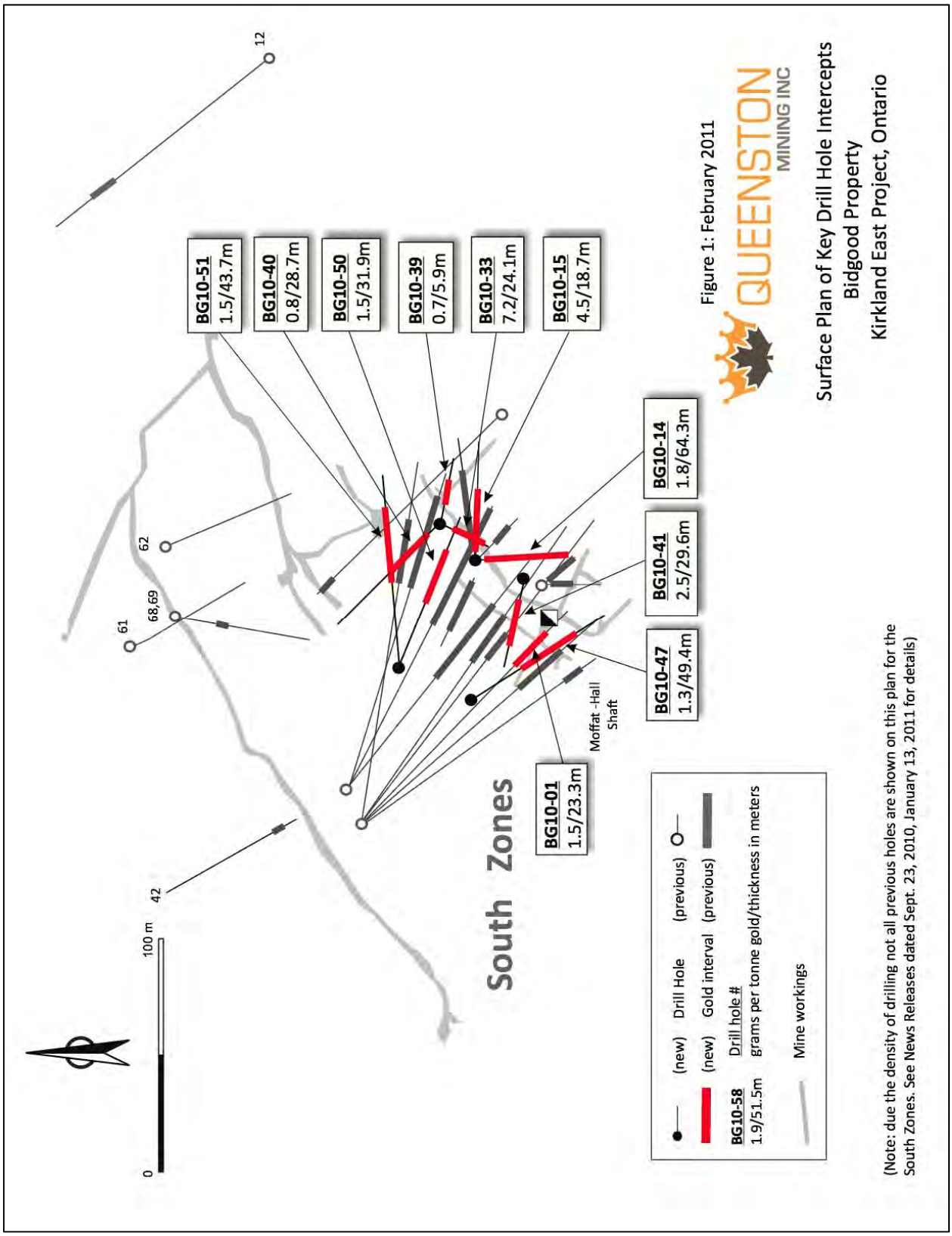
Bidgood South Zone Highlights (Figure 18)



Bidgood South Zone Highlights (Figure 19)

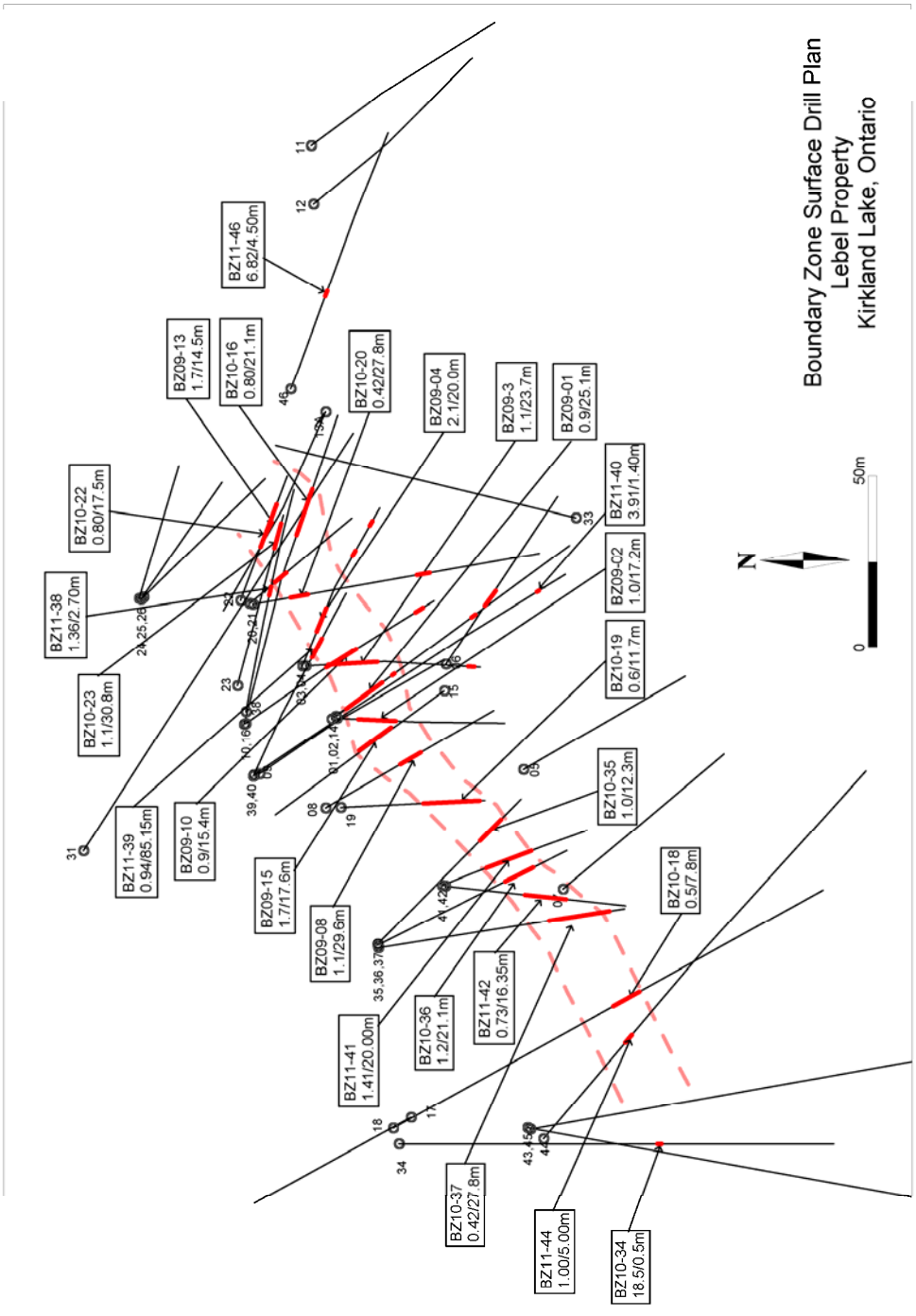


Bidgood South Zone Highlights (Figure 20)



9.2 2010-11 BOUNDARY ZONE HIGLIGHTS

2010-11 Boundary Zone Highlights (Figure 21)



9.3 BIDGOOD SOUTH ZONE AND BOUNDARY MINERAL RESOURCE ESTIMATE

On October 17, 2011 Queenston announced a NI 43-101 resource for the Bidgood Project, representing the first resource calculated since the closure of the Bidgood Mine in 1951.
The resource incorporated 107 surface diamond drill holes (13,233 m) from the 2010 -11 drill programs and 23 historic holes (3,632 m) completed by previous operators. Of the historic veins developed on the Bidgood Mine property, the resource consists of the #1 & #2 veins & part of #20 vein & part of Main Break and represents 17% of Bidgood footprint in resource (to -150m).

As a result of the 2010-11 drill program, new gold-veins have been discovered within and to the south and north of the South and North Zones.

The resource for Bidgood and Boundary (In-Pit and Underground Mineral Resource Estimate) as provided by P&E Mining Consultants Inc.[19], December 1, 2011 is as follows;

BIDGOOD AND BOUNDARY IN-PIT AND UNDERGROUND MINERAL RESOURCE ESTIMATE

Capped	Indicated			Inferred		
Cut-Off Au g/t	Tonnes	Au (g/t)	Au (oz)	Tonnes	Au (g/t)	Au (oz)
Pit 0.42 g/t	1,438,000	1.66	76,000	242,000	1.68	13,000
UG Below Pit 2.3 g/t	26,000	3.28	3,000	76,000	3.09	8,000
Total	**1,464,000**	**1.69**	**79,000**	**318,000**	**2.02**	**21,000**

Uncapped Sensitivity	Indicated			Inferred		
Cut-Off Au g/t	Tonnes	Au (g/t)	Au (oz)	Tonnes	Au (g/t)	Au (oz)
Pit 0.42 g/t	1,447,000	2.47	115,000	246,000	2.88	23,000
UG Below Pit 2.3 g/t	43,000	7.05	10,000	136,000	7.52	33,000
Total	**1,490,000**	**2.60**	**125,000**	**382,000**	**4.53**	**56,000**

1) Mineral resources which are not mineral reserves do not have demonstrated economic viability. The estimate of mineral resources may be materially affected by environmental, permitting, legal, title, taxation, socio-political, marketing, or other relevant issues, although the Company is not aware of any such issues.

[19] P&E Mining Consultants Inc. "Technical Report and Resource Estimate for the Lebel Gold Deposit of the Kirkland Lake Gold Project, Lebel Township, Kirkland Lake, North-Eastern Ontario, Canada" NI 43-101F1 Technical Report No 209. Effective Date: September 15, 2011, Signing Date: December 1, 2011.

(2) The quantity and grade of reported Inferred resources in this estimation are uncertain in nature and there has been insufficient exploration to define these Inferred resources as an Indicated or Measured mineral resource and it is uncertain if further exploration will result in upgrading them to an Indicated or Measured mineral resource category.
(3) The mineral resources in Table 1.1 were estimated using the Canadian Institute of Mining, Metallurgy and Petroleum (CIM), CIM Standards on Mineral Resources and Reserves, Definitions and Guidelines prepared by the CIM Standing Committee on Reserve Definitions and adopted by CIM Council.
(4) Grade capping of 7 g/t was utilized on raw assays for Boundary, 15 g/t for 20 Vein, and 22.5 g/t for the rest of Bidgood.
(5) A bulk density of 2.87 t/m³ was used for all tonnage calculations.
(6) A gold price of US$1,300/oz and an exchange rate of US$0.98 US=C$1.00 was utilized in the Au cut-off grade calculations of 0.42 g/t for open pit and 2.3 g/t for underground. Open pit mining costs were assumed at C$3.00/t for mineralized material, C$2.50/t for waste rock and C$1.75/t for overburden, while underground mining costs were assumed at C$75/t, with process costs of C$12/t and G&A of C$5/t. Process recovery was assumed at 95%.
(7) Values in the table may differ due to rounding.
(8) The area of influence of the indicated category is 20 m up/down dip, 15 m along strike, and 10 m across dip from a known sample point (drill holes), with a minimum 2 drill holes and max of 20 samples; other blocks within the hard-wireframe/ constrain are coded as inferred.
(9) The open pit resource is reported within a Whittle optimized pit shell.

9.4 2010-11 BIDGOOD NORTH ZONE

TABLE
HIGHLIGHTS OF DRILL INTERCEPTS FROM THE 2010-11 DRILL PROGRAM – NORTH ZONE

Hole No.	Azimuth	Dip(º)	From (m)	To (m)	Length (m)	Au (g/t)	Zone
BG10-03	93	-68	341.20	346.40	5.20	19.51 (VG)	21 Vein
BG10-04	95	-71	19.55	20.4	0.85	80.26 (VG)	North
BG10-04	95	-71	66	68.9	2.9	2.15	North
BG10-04	95	-71	338.6	344.5	5.9	3.11	North
BG10-04	95	-71	375.5	376.8	1.25	5.69	North
BG10-05	75.1	-65	285	292.9	7.9	2.82	North
BG10-07	56.5	-61.7	5.15	7.1	1.95	1.8	North
BG10-07	56	-62	70.15	71.20	1.05	8.13	North
BG10-07	56	-62	243.00	245.05	2.05	5.86	North
BG10-07	56	-62	282.00	282.95	0.95	1.78	North
BG10-11	127	-39	28.1	28.8	0.7	2.57	New?
BG10-13	94	-40	53.2	53.9	0.7	1.65	New?
BG10-13	94	-40	60.7	61.5	0.8	1.51	New?
BG10-17	92.2	-66	61.8	63.3	1.5	2.5	North
BG10-17	92.2	-66	304.65	305.25	0.6	2.26	North
BG10-17	92.2	-66	334.5	335.3	0.8	3.81	North

BG10-17	92.2	-66	349.95	350.7	0.75	5.73	North
BG10-18C	94.2	-65	71.9	72.6	0.7	1.65	North
BG10-18C	94.2	-65	332.6	333.3	0.7	5.73	North
BG10-20	112.9	-66	26.5	27.3	0.8	5.93	North
BG10-20	112.9	-66	55.9	60	4.1	2.43	North
BG10-20	112.9	-66	142.7	143.4	0.7	1.51	North
BG10-20	112.9	-66	195.3	195.8	0.5	2.64	North
BG10-20	112.9	-66	294	294.85	0.85	5.76	North
BG10-20	112.9	-66	384	384.7	0.7	3.05	North
BG10-29	176	-59	26.8	27.8	1.0	1.85	North
BG10-29	176	-59	78.0	78.7	0.7	2.50	North
BG10-32	117.6	-64	125.6	126.75	1.15	3.6	North
BG10-36	98.6	-65	198.9	200.45	1.55	3.11	North
BG10-36	98.6	-65	237.7	239.65	1.95	2.28	North
BG10-36	98.6	-65	254	256.3	2.3	2.37	North
BG10-36	98.6	-65	264.5	265.1	0.6	3.33	North
BG10-36	98.6	-65	283.05	284	0.95	3.74	North
BG10-38	80.0	-62	200.70	202.25	1.55	5.49	North
BG10-38	80	-62	342	342.9	0.9	23.14	North
BG10-48	95.7	-66	84.40	85.50	1.10	208.15 (VG)	#1-2-3 Veins
BG10-48	95.7	-66	199.00	200.05	1.05	7.58	#1-2-3 Veins
BG10-48	95.7	-66	226.65	228.15	1.50	2.46	#1-2-3 Veins
BG10-48	95.7	-66	244.50	254.70	10.20	1.12	#1-2-3 Veins
BG10-49	102.4	-47	161.5	163	1.5	1.75	#1-2-3 Veins
BG10-49	102.4	-47	165.2	166.95	1.75	2.9	#1-2-3 Veins
BG10-52	169.6	-46.5	18.95	25.7	6.75	5.26	North
BG10-52	169.6	-46.5	108.5	109.25	0.75	4.56	North
BG10-56	146	-66	73.70	74.40	0.70	40.25 (VG)	#12 Vein
BG10-65	143.3	-45.0	18.00	24.90	6.90	0.86	North
BG10-65	143.3	-45.0	18.00	20.00	2.00	1.77	INCLUDING

BG10-65	143.3	-45.0	70.50	71.65	1.15	11.66	NEW
BG10-99	169.6	-74.0	55.40	57.10	1.70	32.06	North
BG10-104	74.8	-45	143.60	144.70	1.10	6.07	North
BG11-85	171	-61	635.2	635.7	0.5	19.27	Deep North
BG11-87	90	-70	414.40	415.30	0.90	5.97	Deep North
BG11-87	90	-70	660.60	661.60	1.00	11.93	Deep North
BG11-87	90	-70	667	668.1	1.1	4.29	Deep North
BG11-163	206.3	-81.4	724.5	725.5	1	13.2	Deep North
BG11-163	206.3	-81.4	768	769	1	5.31	Deep North
BG11-163	206.3	-81.4	1021.3	1022	0.7	5.35	Deep North
BG11-163	206.3	-81.4	1023	1023.6	0.6	3.63	Deep North
BG11-163	206.3	-81.4	1024.8	1025.4	0.6	9.7	Deep North
BG11-163	206.3	-81.4	1039	1040	1	5.28	Deep North
BG11-163	206.3	-81.4	1047.7	1050	2.3	5.37	Deep North
BG11-163	206.3	-81.4	1072.3	1073	0.7	5.14	Deep North
BG11-163	206.3	-81.4	1138	1138.5	0.5	5.35	Deep North
BG11-163	206.3	-81.4	1166.4	1167.4	1	6.86	Deep North
BG11-172	207.6	-65	118.0	119.0	1.0	9.87	North
BG11-174	072	-45	13.0	17.5	4.5	3.45	North
BG11-174	072	-45	40.0	43.0	3.0	149.48	North
BG11-174	072	-45	40.0	41.0	1.0	447.33(VG)	including
BG11-178	106	-58	13.0	15.3	2.3	4.46	North
BG11-178	106	-58	13.0	14.2	1.2	8.09	including
BG11-180	106	-72	9.9	11.6	1.7	15.69	North
BG11-180	106	-72	9.9	10.6	0.7	36.82	including
BG11-180	106	-72	88.0	88.8	0.8	6.89	North

Notes: The mineralized intervals in the above table represents core lengths. True widths are unknown at this time. VG means the occurrence of visible gold.

9.5 2011 MUD LAKE HIGHLIGHTS

TABLE
HIGHLIGHTS OF DRILL INTERCEPTS FROM THE LEBEL – 2011 DRILL PROGRAM – MUD LAKE ZONE

Hole No.	Azimuth	Dip(º)	From (m)	To (m)	Length (m)	Au (g/t)	Zone
ML11-02	169	-50	275.00	276.20	1.20	2.06	Mud Lake
ML11-03	330	-45	112.90	113.50	0.60	1.99	Mud Lake
ML11-04	127	-48	146.00	146.90	090	1.51	Bidgood #1
ML11-06	103	-54	45.00	45.80	0.80	1.99	Bidgood #1
ML11-06	103	-54	182.1	183.30	1.20	2.02	Bidgood #1
ML11-08	3	-45	583.50	584.00	0.50	3.33	KQS
ML11-08	3	-45	629.50	631.00	1.50	1.72	KQS
ML11-09	354	-60	202.50	203.10	0.60	5.28	KQS
ML11-10	117	-45	157.60	158.50	0.90	2.47	Bidgood Splay
ML11-11A	73	-48	15.00	15.70	0.70	1.89	Bidgood Splay
ML11-13	162	-69	173.5	189	15.5	1.5	East Ext of KL Main Break?

9.6 2011 BOUNDARY ZONE HIGHLIGHTS

TABLE
HIGHLIGHTS OF DRILL INTERCEPTS FROM THE LEBEL – 2011 DRILL PROGRAM – BIOUNDARY ZONE

Hole No.	Azimuth	Dip(º)	From (m)	To (m)	Length (m)	Au (g/t)	Zone
BZ11-38	100.6	-57.0	63.50	66.20	2.70	1.36	Boundary
BZ11-39	100.6	-57.0	72.70	85.15	12.45	0.94	Boundary
BZ11-39	100.6	-57.0	72.70	76.45	3.75	2.09	including
BZ11-40	144.8	-61.5	196.25	197.65	1.40	3.91	Boundary
BZ11-41	157.7	-42.0	18.20	38.20	20.00	1.41	Boundary
BZ11-42	186.2	-42.0	31.85	48.20	16.35	0.73	Boundary
BZ11-44	130.3	-53.0	62.00	67.00	5.00	1.00	Boundary
BZ11-46	111.9	-54.0	49.00	53.50	4.50	6.82	Boundary
BZ11-46	111.9	-54.0	49.00	50.50	1.50	18.50	including

10.0 RECOMMENDATIONS

Bidgood Mineral Resource

The South Zone and Boundary mineral resource warrant continued diamond drilling for delineation (to upgrade tonnes from inferred to indicated category) and for expansion. Historic veins #1, #2, #6, #11, #10, #15, #20 will be targeted to expand the open-pit resource to the north, north-east and west. New veins south of the South Zone will be targeted to expand the open pit resource south.

Drilling is recommended for Boundary Zone for delineation and expansion to the south-west and east.

North Zone and Deep North

North Zone veining and new veining warrant continued drilling to understand continuity and dimensions. Drilling will concentrate on historic areas #1, #2 and # 3 veins as well as new veins discovered to the north of the veins.

Given initial results from drill holes BG11-87 and BG11-163 and historic intersections from underground drilling from the 2025 Level of the Bidgood #2 Mine, further deep testing (below the 2025L) is warranted.

The 2012 budget for South and North Zone drilling is provided in the following table;

RECOMMENDED NORTH & SOUTH ZONE TARGET DRILLING

ZONE	# HOLES	AVE. DEPTH	METRES	COST
NEW NORTH	15	100	1500	$135,000
1-2-3 VEINS	21	80	1680	$151,200
#11 VEIN	29	130	3770	$339,300
#6 VEIN	57	166	9480	$853,200
#20 VEIN	54	174	9390	$845,100
NEW HG	18	80	1440	$129,600
MAIN EAST, WEST	12	100	1200	$108,000
M-H WEST	8	80	640	$57,600
M-H NEW SOUTH	16	100	1600	$144,000
TOTAL	**230**		**30,700**	**$2,763,000**

Exploration Targets

The following table provides a budget for zones of interest located on the Lebel Property.

RECOMMENDED - SHALLOW DRILLING, OTHER TARGETS

ZONE	# HOLES	AVE. DEPTH	METRES	COST
OLD STOPE	2	100	200	$18,000
RED'S	3	120	360	$32,400
83-27 DIORITE	3	200	600	$54,000
BOUNDARY	10	101	1010	$90,900
BLUE WEST	10	200	2000	$180,000
BLUE EAST	8	160	1280	$115,200
MAIN @MUD	4	150	600	$54,000
CLIFF	4	100	400	$36,000
NEW POR (08-48)+SHAFT	4	150	600	$54,000
MAIN@ 08-42	2	100	200	$18,000
83-25, MUD SOUTH	4	200	800	$72,000
TOTAL	**54**		**8,050**	**$724,500**

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STATEMENT OF QUALIFICATIONS - MCCORMACK

I, Daniel J. McCormack, of King Kirkland, in the PROVINCE of ONTARIO, hereby certify:

I am a geologist and currently a consultant to Queenston Mining Inc.

Up to May 2010, during a portion of the 2010-11 Lebel diamond drill program, I was a director and an officer of Vault Minerals Inc. with the position of Vice President operating out of Vault's Kirkland Lake Office. After May 2010, I was retained as a geology consultant to Queenston Mining Inc.

I graduated from the University of Waterloo, H.BES in 1984.

I have practiced as an exploration or mine geologist from 1984 to 1993 and from 2001 to present with experience that has included design, implementation & management of grassroots to advanced exploration programs and as part of mine production operations in Canada.

I am currently registered as a professional geoscientist (membership number 1321) with the Association of Professional Geoscientists of Ontario (APGO).

This report is based on a study of all information made available to me, both published and unpublished, and on information collected by me and Michael Sutton, P.Geo during the period January 2010 to December 2011, with assays collected in 2012.

Dated in Kirkland Lake this twenty-second day of October, 2012.



Daniel J. McCormack, P.Geo. 1321

STATEMENT OF QUALIFICATIONS - SUTTON

I, Michael W. Sutton, of the TOWN of KIRKLAND LAKE, in the PROVINCE of ONTARIO, hereby certify:

I am a geologist and currently a consultant to Queenston Mining Inc. and during a portion of the 2010-11 Lebel drill program (January to May 2010) held the position of Vice President Exploration for Vault Minerals Inc., operating out of Vault's Kirkland Lake Office.

I graduated from the University of Toronto, H.BSC in 1986.

I have practiced as an exploration or mine geologist from 1984 to present with experience that has included surface and underground grass-roots to advanced exploration programs and as part of mine production operations in Canada. I have extensive experience at Macassa mine, having been the Chief Geologist.

I am currently registered as a professional geoscientist (membership number 0594) with the Association of Professional Geoscientists of Ontario (APGO).

This report is based on a study of all information made available to me, both published and unpublished, and on information collected in the field by myself and Dan McCormack.

Dated in Kirkland Lake this twenty-second day of October, 2012.

Michael W. Sutton, P.Geo. 0594



Swastika Laboratories Ltd

Established 1928

Assaying - Consulting - Representation

Assay Certificate

Certificate Number: 10-1887

Company: **Vault Minerals Inc.**

Project: Lebel

Report Date: 30-Jun-10

Attn: Dan McCormack

We hereby certify the following Assay of 18 pulp samples submitted 31-May-10 by Dan McCormack

Sample Number	Au FA-AAS g/Mt	Au Chk FA-AAS g/Mt	Au FA-GRAV g/Mt	Au Chk FA-GRAV g/Mt
B25212			3.32	
B25219	1.88			
B25220			11.04	11.45
B25231	1.74			
B25239			3.53	
B25242	1.23			
B25248			15.48	16.24
B25249	2.43			
B25257	1.50			
B25294	< 0.01	< 0.01		
B25304	1.06			
B25309	0.84			
Blank Value	< 0.01			
OxF65	0.82			
B25316			2.85	
B25321			1.20	
B25326			5.52	
B25333			2.13	
B25336			7.27	8.98
B25338			2.74	

Certified by Denis Chartre

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Established 1928

Swastika Laboratories Ltd

Assaying - Consulting - Representation

Assay Certificate

Certificate Number: 10-4297

Company: **Queenston Mining Inc.**

Project: Bidgood Property

Report Date: 11-Jan-11

Attn: Dan McCormack

We hereby certify the following Assay of 62 rejects samples submitted 06-Dec-10 by Dan McCormack

Sample Number	Sample Weight - g
25174	456.0
25175	756.0
25180	281.0
25184	559.0
25185	225.0
25186	189.0
25187	380.0
25188	194.0
25189	203.0
25191	292.0
25231	533.0
25232	1057.0
25233	1151.0
25234	510.0
25235	803.0
25236	883.0
25238	1327.0
25243	766.0
25248	561.0
25249	165.5
25251	241.5
25252	1110.0
25253	413.0
25254	331.0
25255	741.0

Certified by

Denis Chartre

1. listed not received
2. received not listed

1 Cameron Ave., P.O. Box 10, Swastika, Ontario P0K 1T0
Telephone (705) 642-3244 Fax (705) 642-3300

Assay Certificate

Certificate Number: 10-4297

Company: **Queenston Mining Inc.**

Project: Bidgood Property

Report Date: 11-Jan-11

Attn: Dan McCormack

We hereby certify the following Assay of 62 rejects samples submitted 06-Dec-10 by Dan McCormack

Sample Number	Sample Weight - g
25256	285.0
25257	115.5
25258	91.5
25259	304.0
25260	383.5
25261	345.0
25262	519.0
25263	316.5
25264	92.0
25265	379.5
25266	342.0
25267	1039.0
25268	865.0
25583	1205.0
25584	590.0
25585	735.0
25586	261.0
34266	768.0
34267	897.0
34269	730.0
34270	1197.0
34271	1242.0
34272	869.0
34273	1208.0
34274	1352.0

Certified by Denis Chartre

1. listed not received
2. received not listed

1 Cameron Ave., P.O. Box 10, Swastika, Ontario P0K 1T0
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Established 1928

Swastika Laboratories Ltd

Assaying - Consulting - Representation

Assay Certificate

Certificate Number: 10-4297

Company: **Queenston Mining Inc.**

Project: Bidgood Property

Report Date: 11-Jan-11

Attn: Dan McCormack

We hereby certify the following Assay of 62 rejects samples submitted 06-Dec-10 by Dan McCormack

Sample Number		Sample Weight - g
34290		969.0
34291		1131.0
34292		771.0
34293		1114.0
34294		721.0
34297		1073.0
34298		849.0
34299		931.0
34300		1005.0
25587	1	
25588	1	
25230	2	640.0

Certified by Denis Chartre

1. listed not received
2. received not listed

1 Cameron Ave., P.O. Box 10, Swastika, Ontario P0K 1T0
Telephone (705) 642-3244 Fax (705) 642-3300

PolyMet Labs
A Division of Polymet Resources Ltd.

1 Presley St, P.O. Box 699, Cobalt, Ontario, Canada P0J 1C0
Tel: (705) 679-5500 • Fax: (705) 679-5519
Email: info@polymetinc.com Website: www.polymetinc.com

Certificate of Analysis

Vault Minerals Inc.

We certify that the assay results in the following Certificates are factual and true.

Certificate #'s 7802, 7803, 7804, 7805, 7807, 7808, 7809, 7810, 7811, 7812, 7813 & 7814

Certified by: _____
Assistant Assayer

Certified by: _____
President/Manager

Date: July 8, 2010

Disclaimer: The results included on this report relate only to the items tested. The Certificate of Analysis should not be reproduced except in full, without the written approval of the laboratory.

PolyMet Laboratories

Client: Vault Minerals Inc.

CERTIFICATE # 7802 Job No. 0-155

Date:
July 7 / 2010

Splits

Sample #	**Au Oz/ton**	**g/tonne**
26083	<.001	<.03
26084	<.001	<.03
26085	<.001	<.03
26086	0.018	0.617
26087	0.016	0.549
26088	<.001	<.03
26089	0.004	0.137
26090	0.002	0.069
26091	<.001	<.03
26092	0.053	1.817
26093	<.001	<.03
26094	<.001	<.03
26095	0.004	0.137
26096	<.001	<.03
26097	0.002	0.069
26098	<.001	<.03
26099	<.001	<.03
26100	<.001	<.03

18 **Splits**
0 **Pend**

Std Oxl 63	0.174	5.966
Blank	<.001	<.03

Certified Assayer:

PolyMet Laboratories

Client: Vault Minerals Inc.

CERTIFICATE # 7803 Job No. 0-155

Date:
July 7 / 2010

Splits

Sample #	**Au Oz/ton**	**g/tonne**
26101	<.001	<.03
26102	0.004	0.137
26103	<.001	<.03
26104	0.002	0.069
26105	<.001	<.03
26106	0.004	0.137
26107	0.016	0.549
26108	0.004	0.137
26109	<.001	<.03
26110	0.002	0.069
26111	<.001	<.03
26112	Pd	
26113	Pd	
26114	0.020	0.686
26115	0.002	0.069
26116	0.002	0.069
26117	0.018	0.617
26118	0.006	0.206
26119	<.001	<.03
26120	0.016	0.549
26121	0.002	0.069
26122	<.001	<.03

20 **Splits**
2 **Pend**

Std Oxl 63	0.174	5.966
Blank	<.001	<.03

Certified Assayer:

PolyMet Laboratories

Client: Vault Minerals Inc.

CERTIFICATE # 7804 Job No. 0-155

Date:
July 7 / 2010

Splits

Sample #	**Au Oz/ton**	**g/tonne**
26123	<.001	<.03
26124	0.004	0.137
26125	0.002	0.069
26126	0.014	0.480
26127	0.004	0.137
26128	Pd	
26129	Pd	
26130	<.001	<.03
26131	0.026	0.891
26132	0.028	0.960
26133	0.026	0.891
26134	0.004	0.137
26135	0.014	0.480
26136	Pd	
26137	Pd	
26469	Pd	
26470	<.001	<.03

12
13 **Splits**
5 **Pend**

Std Oxl 63	0.176	6.034
Blank	<.001	<.03

Certified Assayer: Vince Burn

PolyMet Laboratories

Client: Vault Minerals Inc.

CERTIFICATE **7805** Job No. 0-155

Date: July 8/ 10

	Original		**Check**	
Sample #	**Au Oz/ton**	**g/tonne**	**Au Oz/ton**	**g/tonne**
26112	0.154	5.280	0.132	4.526
26113	0.044	1.509	0.042	1.440
26128	0.248	8.503	0.126	4.320
26129	0.132	4.526	0.210	7.200
26136	0.232	7.954	0.260	8.914
26137	0.042	1.440	0.050	1.714
26469	0.060	2.057	0.056	1.920

7 + 18

Certified Assayer:

PolyMet Laboratories

Client: Vault Minerals Inc.

CERTIFICATE 7807 Job No. 0-155

Date:
July 8 / 2010

Splits

Sample #	**Au Oz/ton**	**g/tonne**
26138	Pd	
26139	Pd	
26140	0.002	0.069
26141	0.002	0.069
26142	0.002	0.069
26143	0.002	0.069
26144	<.001	<.03
26145	<.001	<.03
26146	<.001	<.03
26147	<.001	<.03
26148	0.002	0.069
26149	<.001	<.03
26150	<.001	<.03
26151	<.001	<.03
26152	0.002	0.069
26153	0.002	0.069
26154	<.001	<.03
26155	<.001	<.03
26156	<.001	<.03
26157	<.001	<.03
26158	0.004	0.137
26159	0.002	0.069
26160	<.001	<.03

21 **Splits**
2 **Pend**

Std Oxl 63	0.176	6.034
Blank	<.001	<.03

Certified Assayer:

PolyMet Laboratories

Client: Vault Minerals Inc.

CERTIFICATE 7808

Job No. 0-155

Date:
July 8 / 2010

Splits

Sample #	**Au Oz/ton**	**g/tonne**
26161	0.002	0.069
26162	Pd	
26163	<.001	<.03
26164	0.018	0.617
26165	Pd	
26166	0.004	0.137
26167	0.008	0.274
26168	<.001	<.03
26169	<.001	<.03
26170	0.052	1.783
26171	0.002	0.069
26172	0.002	0.069
26173	<.001	<.03
26174	<.001	<.03
26175	<.001	<.03
26176	0.002	0.069
26177	<.001	<.03
26178	0.002	0.069
26179	<.001	<.03
26180	<.001	<.03
26181	<.001	<.03

19 **Splits**
2 **Pend**

Std Oxl 63	0.176	6.034
Blank	<.001	<.03

Certified Assayer:

Vince Burn

PolyMet Laboratories

Client: Vault Minerals Inc.

CERTIFICATE 7809

Job No. 0-155

Date:
July 8 / 2010

Splits

Sample #	**Au Oz/ton**	**g/tonne**
26182	<.001	<.03
26183	<.001	<.03
26184	<.001	<.03
26185	<.001	<.03
26186	<.001	<.03
26187	<.001	<.03
26188	<.001	<.03
26189	<.001	<.03
26190	<.001	<.03
26191	<.001	<.03
26192	<.001	<.03
26193	<.001	<.03
26194	Pd	
26195	Pd	
26196	<.001	<.03
26197	Pd	
26198	<.001	<.03
26199	<.001	<.03
26200	0.002	0.069
26201	<.001	<.03
26202	0.002	0.069
26203	0.006	0.206

19 **Splits**
3 **Pend**

Std Oxl 63	0.176	6.034
Blank	<.001	<.03

Certified Assayer:

PolyMet Laboratories

Client: Vault Minerals Inc.

CERTIFICATE 7810 Job No. 0-155

Date:
July 8 / 2010

Splits

Sample #	**Au Oz/ton**	**g/tonne**
26204	<.001	<.03
26205	<.001	<.03
26206	0.004	0.137
26207	<.001	<.03
26208	0.002	0.069
26209	<.001	<.03
26210	<.001	<.03
26211	0.002	0.069
26212	0.002	0.069
26411	Pd	
26412	0.026	0.891
26413	Pd	
26414	Pd	
26415	Pd	
26485	<.001	<.03
26486	<.001	<.03
26275	<.001	<.03
26276	<.001	<.03
26277	<.001	<.03
26278	<.001	<.03
26279	<.001	<.03

17 **Splits**
4 **Pend**

Std Oxl 63	0.176	6.034
Blank	<.001	<.03

Certified Assayer:

PolyMet Laboratories

Client: Vault Minerals Inc.

CERTIFICATE 7811 Job No. 0-155

Date:
July 8 / 2010

Splits

Sample #	**Au Oz/ton**	**g/tonne**
26280	<.001	<.03
26281	0.002	0.069
26282	<.001	<.03
26283	0.002	0.069
26284	Pd	
26285	<.001	<.03
26286	<.001	<.03
26287	<.001	<.03
26288	<.001	<.03
26289	<.001	<.03
26290	<.001	<.03
26291	0.008	0.274
26292	<.001	<.03
26293	<.001	<.03
26294	<.001	<.03
26295	<.001	<.03
26296	<.001	<.03
26297	<.001	<.03
26298	<.001	<.03
26299	<.001	<.03
26300	<.001	<.03
26301	<.001	<.03

21 **Splits**
1 **Pend**

Std Oxl 63	0.176	6.034
Blank	<.001	<.03

Certified Assayer:

PolyMet Laboratories

Client: Vault Minerals Inc.

CERTIFICATE 7812 Job No. 0-155

Date:
July 8 / 2010

Splits

Sample #	**Au Oz/ton**	**g/tonne**
26302	<.001	<.03
26303	<.001	<.03
26304	<.001	<.03
26305	<.001	<.03
26306	0.004	0.137
26307	<.001	<.03
26308	0.004	0.137
26309	0.002	0.069
26310	0.008	0.274
26311	0.008	0.274
26312	0.053	1.817
26313	0.002	0.069
26314	0.010	0.343
26315	0.012	0.411
26316	Pd	
26317	<.001	<.03
26318	0.016	0.549
26319	0.018	0.617
26320	0.018	0.617
26321	0.002	0.069
26322	0.006	0.206

20 **Splits**
1 **Pend**

Std Oxl 63	0.174	5.966
Blank	<.001	<.03

Certified Assayer:



PolyMet Laboratories

Client: Vault Minerals Inc.

CERTIFICATE 7813 Job No. 0-155

Date:
July 8 / 2010

Splits

Sample #	**Au Oz/ton**	**g/tonne**
26323	0.004	0.137
26324	0.028	0.960
26325	0.002	0.069
26326	<.001	<.03
26327	<.001	<.03
26328	<.001	<.03
26329	<.001	<.03
26330	<.001	<.03
26331	<.001	<.03
26332	<.001	<.03
26333	0.002	0.069
26334	<.001	<.03
26335	<.001	<.03
26336	<.001	<.03
26337	<.001	<.03
26338	<.001	<.03
26339	<.001	<.03
26340	<.001	<.03
26341	<.001	<.03
26342	<.001	<.03
26343	<.001	<.03
26344	<.001	<.03
26345	<.001	<.03

23 **Splits**
0 **Pend**

Std Oxl 63	0.174	5.966
Blank	<.001	<.03

Certified Assayer:

PolyMet Laboratories

		Client:	Vault Minerals Inc.
CERTIFICATE	**7814**	Job No.	0-155

Date:
July 8/ 10

	Original		**Check**	
Sample #	**Au Oz/ton**	**g/tonne**	**Au Oz/ton**	**g/tonne**
26138	0.040	1.371	0.040	1.371
26139	0.032	1.097	0.030	1.029
26162	0.064	2.194	0.070	2.400
26165	0.040	1.371	0.042	1.440
26194	0.044	1.509	0.052	1.783
26195	0.050	1.714	0.054	1.851
26197	0.036	1.234	0.034	1.166
26411	0.120	4.114	0.094	3.223
26413	0.082	2.811	0.082	2.811
26414	0.076	2.606	0.074	2.537
26415	0.416	14.263	0.690	23.657
26284	1.194	40.937	1.648	56.503
26316	0.092	3.154	0.092	3.154

13 +26

Certified Assayer:

PolyMet Labs
A Division of Polymet Resources Ltd.

1 Presley St, P.O. Box 699, Cobalt, Ontario, Canada P0J 1C0
Tel: (705) 679-5500 • Fax: (705) 679-5519
Email: info@polymetinc.com Website: www.polymetinc.com

Certificate of Analysis

Vault Minerals Inc.

We certify that the assay results in the following Certificates are factual and true.

Certificate #'s 8632, 8633, 8634, 8635, 8636, 8637, & 8638

Certified by: _____
Chief Assayer

Certified by: _____
President/Manager

Date: Oct. 21, 2010

Disclaimer: The results included on this report relate only to the items tested. The Certificate of Analysis should not be reproduced except in full, without the written approval of the laboratory.

PolyMet Laboratories

Client: Vault Minerals Inc.

CERTIFICATE 8632 Job No. 0-155

Date:
Oct. 21, 2010

Splits

Sample #	**Au Oz/ton**	**g/tonne**
45409	<.001	<.03
45410	0.028	0.960
45411	<.001	<.03
45412	<.001	<.03
45413	Pend	
45414	Pend	
45415	0.008	0.274
45416	Pend	
45417	<.001	<.03
45418	0.002	0.069
45419	0.022	0.754
45420	Pend	
45421	0.002	0.069
45422	Pend	
45423	<.001	<.03
45424	<.001	<.03
45425	<.001	<.03
45426	<.001	<.03
45427	<.001	<.03
45428	<.001	<.03
45429	<.001	<.03
45430	<.001	<.03

17 **Splits**
5 **Pend**

Std Oxl 63	0.172	5.897
Blank	<.001	<.03

Certified Assayer:

PolyMet Laboratories

Client: Vault Minerals Inc.

CERTIFICATE 8633 Job No. 0-155

Date:
Oct. 21, 2010

Splits

Sample #	**Au Oz/ton**	**g/tonne**
45431	Pend	
45432	<.001	<.03
45433	0.052	1.783
45434	<.001	<.03
45435	Pend	
45436	<.001	<.03
45437	<.001	<.03
45438	<.001	<.03
45439	<.001	<.03
45440	<.001	<.03
45441	<.001	<.03
45442	0.006	0.206
45443	<.001	<.03
45444	<.001	<.03
45445	<.001	<.03
45446	<.001	<.03
45447	<.001	<.03
45448	<.001	<.03
45449	<.001	<.03
45450	0.022	0.754
45451	0.167	5.726
45452	0.006	0.206

20 **Splits**
2 **Pend**

Std Oxl 63	0.172	5.897
Blank	<.001	<.03

Certified Assayer:

PolyMet Laboratories

Client: Vault Minerals Inc.

CERTIFICATE 8634

Job No. 0-155

Date:
Oct. 21, 2010

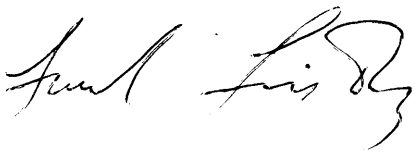
Splits

Sample #	**Au Oz/ton**	**g/tonne**
45453	0.012	0.411
45454	0.002	0.069
45455	Pend	
45456	<.001	<.03
45457	0.028	0.960
45458	0.006	0.206
45459	0.002	0.069
45460	0.002	0.069
45461	0.002	0.069
45462	0.002	0.069
45463	0.006	0.206
45464	0.006	0.206
45465	0.002	0.069
45466	0.002	0.069
45467	0.016	0.549
45468	0.026	0.891
45469	<.001	<.03
45470	<.001	<.03
45471	0.010	0.343
45472	0.002	0.069
45473	0.002	0.069

20 **Splits**
1 **Pend**

Std Oxl 63	0.178	6.103
Blank	<.001	<.03

Certified Assayer:



PolyMet Laboratories

Client: Vault Minerals Inc.

CERTIFICATE 8635

Job No. 0-155

Date:
Oct. 21, 2010

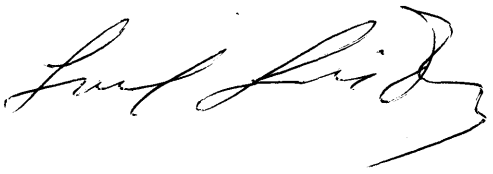
Splits

Sample #	**Au Oz/ton**	**g/tonne**
45474	<.001	<.03
45475	<.001	<.03
45476	<.001	<.03
45477	<.001	<.03
45478	0.002	0.069
45479	0.052	1.783
45480	0.002	0.069
45481	Pend	
45482	0.008	0.274
45483	0.020	0.686
45484	0.020	0.686
45485	Pend	
45486	<.001	<.03
45487	Pend	
45488	0.026	0.891
45489	0.006	0.206
45490	0.002	0.069
45491	0.004	0.137
45492	0.010	0.343
45493	0.008	0.274
45494	0.002	0.069
45495	0.002	0.069

19 **Splits**
3 **Pend**

Std Oxl 63	0.178	6.103
Blank	<.001	<.03

Certified Assayer:



PolyMet Laboratories

Client: Vault Minerals Inc.

CERTIFICATE 8636 Job No. 0-155

Date:
Oct. 21, 2010

Splits

Sample #	**Au Oz/ton**	**g/tonne**
45496	0.002	0.069
45497	0.002	0.069
45498	0.012	0.411
45499	0.002	0.069
45500	0.006	0.206
45501	0.004	0.137
45502	0.012	0.411
45503	0.004	0.137
45504	0.162	5.554
45505	<.001	<.03
45506	<.001	<.03
45507	<.001	<.03
45508	<.001	<.03
45509	<.001	<.03
45510	<.001	<.03
45511	<.001	<.03
45512	<.001	<.03
45513	<.001	<.03
45514	<.001	<.03
45515	<.001	<.03
45516	<.001	<.03

21 **Splits**

Std Oxl 63	0.178	6.103
Blank	<.001	<.03

Certified Assayer:

PolyMet Laboratories

Client: Vault Minerals Inc.

CERTIFICATE 8637

Job No. 0-155

Date:
Oct. 21, 2010

Splits

Sample #	**Au Oz/ton**	**g/tonne**
45517	<.001	<.03
45518	<.001	<.03
45519	0.002	0.069
45520	0.002	0.069
45521	<.001	<.03
45522	0.002	0.069
45523	0.002	0.069
45524	0.002	0.069
45525	0.002	0.069
45526	<.001	<.03
45527	0.006	0.206
45528	<.001	<.03
45529	0.002	0.069
45530	<.001	<.03
45531	<.001	<.03
45532	0.002	0.069
45533	0.006	0.206

17 **Splits**

Std Oxl 63	0.178	6.103
Blank	<.001	<.03

Certified Assayer:

PolyMet Laboratories

Client: Vault Minerals Inc.

CERTIFICATE **8638**

Job No. 0-155

Date:
Oct. 18, 2010

	Original		**Check**	
Sample #	**Au Oz/ton**	**g/tonne**	**Au Oz/ton**	**g/tonne**
45413	0.038	1.303	0.042	1.440
45414	0.032	1.097	0.048	1.646
45416	0.380	13.029	0.366	12.549
45420	0.130	4.457	0.156	5.349
45422	0.164	5.623	0.178	6.103
45431	0.078	2.674	0.076	2.606
45435	0.054	1.851	0.048	1.646
45455	0.040	1.371	0.040	1.371
45481	0.036	1.234	0.032	1.097
45485	0.042	1.440	0.042	1.440
45487	0.042	1.440	0.036	1.234

11 + 22

Certified Assayer:

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Assay Certificate

Certificate Number: 10-1535

Company: **Vault Minerals Inc.**

Project: Lebel

Report Date: 27-May-10

Attn: Dan McCormack

We hereby certify the following Assay of 75 pulp samples submitted 11-May-10 by Dan McCormack

Sample Number	Au FA-AAS g/Mt	Au Chk FA-AAS g/Mt	Au FA-GRAV g/Mt	Au Chk FA-GRAV g/Mt
33002	0.11			
33011	0.22			
33012	0.65			
33016	0.12			
33017	0.04			
33018	0.94	0.97		
33020	0.20			
33551	0.08			
33556	0.25			
33572	0.29			
Blank Value	< 0.01			
OxF65	0.79			
33573	0.76			
33576	0.49			
33578	0.04			
33617	2.23	2.46		
33618			3.15	3.36
33620	1.54			
33621	0.83			
33622	2.42			
33623	1.88	1.98		
33631	0.30			
33632	0.30			
33639	0.45			
33645			5.07	2.95

Certified by Denis Chartre

1. listed not received
2. received not listed

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Assaying - Consulting - Representation

Assay Certificate

Certificate Number: 10-1535

Company: **Vault Minerals Inc.**

Project: Lebel

Report Date: 27-May-10

Attn: Dan McCormack

We hereby certify the following Assay of 75 pulp samples submitted 11-May-10 by Dan McCormack

Sample Number	Au FA-AAS g/Mt	Au Chk FA-AAS g/Mt	Au FA-GRAV g/Mt	Au Chk FA-GRAV g/Mt
33646	1.58	1.64		
33650	0.65			
33656	1.14			
33657	1.40			
33658	1.06			
33673	0.73			
33674	0.18	0.22		
33677	0.37			
33678	0.55			
33690	0.99			
33715	0.25			
33722	0.62			
33753	0.47			
33756	1.13			
33761	1.76			
33762			2.13	2.12
33787	0.03	0.03		
33797	0.56			
33798	0.67			
33799	0.34			
33800	0.52			
33801	1.10			
33802	2.23			
33807	0.82			
33809	0.31			

Certified by Denis Chartre

1. listed not received
2. received not listed

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Assay Certificate

Certificate Number: 10-1535

Company: **Vault Minerals Inc.**

Project: Lebel

Report Date: 27-May-10

Attn: Dan McCormack

We hereby certify the following Assay of 75 pulp samples submitted 11-May-10 by Dan McCormack

Sample Number		Au FA-AAS g/Mt	Au Chk FA-AAS g/Mt	Au FA-GRAV g/Mt	Au Chk FA-GRAV g/Mt
33810		0.31			
33813		0.50			
33814		0.51			
33818		1.54	1.61		
33819		0.67			
33829		0.44			
33838		0.35			
33843		0.98			
33844		1.58			
33846		0.79			
33847		0.69			
33848				1.78	1.92
33850		1.49			
33851		0.38			
33884	1				
33853		1.37	1.37		
33854		0.96			
33855		0.41			
33856		1.03	1.08		
33857		0.31			
33858		0.69			
33859		0.36			
33860		0.54			
33584	2	0.14			
33624	2	1.27			
33694	2	0.30	0.29		
33852	2	0.70			

Certified by Denis Chartre

1. listed not received
2. received not listed

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Assay Certificate

Certificate Number: 10-1706

Company: **Vault Minerals Inc.**

Project: LEBEL-1935

Report Date: 17-Jun-10

Attn: Dan McCormack

We hereby certify the following Assay of 11 rejects samples submitted 19-May-10 by Dan McCormack

Sample Number	Au FA-AAS g/Mt	Au Chk FA-AAS g/Mt	Au FA-GRAV g/Mt	Au Chk FA-GRAV g/Mt	Cu AR-AAS ppm	Cu AR-AAS %
25174			3.57		161	
25175	0.45				194	
25180	0.89				35	
25184	1.32				137	
25185	0.84				110	
25186	3.58	3.62			200	
25187	1.83				55	
25188			7.41	6.65	105	
25189			7.82	7.95	75	
25191			9.05	9.45	82	
25192	0.22				86	
Blank Value	< 0.01					
OxF65	0.80					

Certified by Denis Chartre

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Assay Certificate

Certificate Number: 10-1886

Company: **Vault Minerals Inc.**

Project: Lebel

Report Date: 28-Jun-10

Attn: Dan McCormack

We hereby certify the following Assay of 20 rejects samples submitted 31-May-10 by Dan McCormack

Sample Number	Au FA-AAS g/Mt	Au Chk FA-AAS g/Mt	Au FA-GRAV g/Mt	Au Chk FA-GRAV g/Mt
B25212			4.49	4.87
B25219	0.82			
B25220			11.81	
B25231	1.41			
B25232	0.68			
B25339	1.85	1.90		
B25342	0.13			
B25248			14.22	14.66
B25249	1.47			
B25257	1.62	1.68		
B25294				
B25296	0.54			
B25304	1.17			
B25309	0.62			
B25316	2.47	2.63		
B25321	1.64			
B25326			6.13	6.10
B25333	2.09			
B25236	0.33			
B25238,	0.17			
Blank Value	< 0.01			
OxF65	0.77			

Certified by Denis Chartre

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Assay Certificate

Certificate Number: 10-2373

Company: **Vault Minerals Inc.**

Project: Gauthier & Goldbanks

Report Date: 20-Jul-10

Attn: Dan McCormack

We hereby certify the following Assay of 16 rock samples submitted 01-Jul-10 by Dan McCormack

Sample Number		Au FA-AAS g/Mt	Au Chk FA-AAS g/Mt	Au FA-GRAV g/Mt	Au Chk FA-GRAV g/Mt
63751		< 0.01			
63752		< 0.01			
63753		< 0.01			
63754		< 0.01			
63755		< 0.01			
63756		< 0.01			
63757		< 0.01			
63758		< 0.01			
63759		< 0.01			
63760		< 0.01	< 0.01		
63761	1	< 0.01			
63762		< 0.01			
63763	1	0.20	0.18		
63764		0.13	0.15		
15009		0.01			
15010		< 0.01			
Blank Value		< 0.01			
OxF65		0.78			

Certified by Denis Chartre

1. No Reject

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Assay Certificate

Certificate Number: 10-2793

Company: **Vault Minerals Inc.**

Project: Lebel

Report Date: 17-Aug-10

Attn: Mike Sutton

We hereby certify the following Assay of 9 core samples submitted 12-Aug-10 by Mike Sutton

Sample Number		Au FA-AAS g/Mt	Au Chk FA-AAS g/Mt	Au FA-GRAV g/Mt	Au Chk FA-GRAV g/Mt
26487		0.08			
26488		0.11			
26489		0.25			
26490		0.23			
26491		0.34			
26492		0.17			
26493		3.09			
26494	1	0.50	0.49		
26495		0.05			
Blank Value		< 0.01			
OxF65		0.75			

Certified by Denis Chartre

1. No Reject

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Assay Certificate

Certificate Number: 11-010

Company: **Queenston Mining Inc.**

Project: LEBEL

Report Date: 24-Jan-11

Attn: Dan McCormack

We hereby certify the following Assay of 39 rejects samples submitted 03-Jan-11 by Dan McCormack

Sample Number		Au FA-AAS ppb	Au Chk FA-AAS ppb	Au FA-AAS g/Mt	Au Chk FA-AAS g/Mt	Au FA-GRAV ppb	Au Chk FA-GRAV ppb	Au FA-GRAV g/Mt	Au Chk FA-GRAV g/Mt
45468		912		0.91					
45561		699		0.70					
45582		290		0.29					
45680						1680		1.68	1.85
45613		223		0.22					
45615		96		0.10					
45642						926		0.93	
45644		404		0.40					
45645		617		0.62					
45721						4217		4.22	4.22
45733	1					1371		1.37	1.37
45745		365		0.37					
45774						2022		2.02	1.85
45777						2503		2.50	2.53
45778		388		0.39					
45808		976		0.98			822		0.82
45820						4458		4.46	3.98
48521						2330		2.33	2.06
45822						5068		5.07	4.80
Blank Value		< 2		< 0.01					
OxF65		832		0.83					
45823						4181		4.18	4.39
45827						4252		4.25	4.25
45831						25377		25.38	24.55
45833						4455		4.46	4.66

Certified by

1. No Reject
2. listed not received

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Assaying - Consulting - Representation

Assay Certificate

Certificate Number: 11-010

Company: **Queenston Mining Inc.**

Project: LEBEL

Report Date: 24-Jan-11

Attn: Dan McCormack

We hereby certify the following Assay of 39 rejects samples submitted 03-Jan-11 by Dan McCormack

Sample Number		Au FA-AAS ppb	Au Chk FA-AAS ppb	Au FA-AAS g/Mt	Au Chk FA-AAS g/Mt	Au FA-GRAV ppb	Au Chk FA-GRAV ppb	Au FA-GRAV g/Mt	Au Chk FA-GRAV g/Mt
45834						3084		3.08	3.12
45838		559		0.56					
45875		100		0.10					
45876		433		0.43					
45884		327		0.33					
Blank Value		< 2		< 0.01					
OxF65		777		0.78					
45904		1160		1.16					1.17
45905	2								
45910		483		0.48					
45913						8362		8.36	8.16
45971		289		0.29					
45977		330		0.33					
45978						2126		2.13	2.19
46007						1851		1.85	1.54
46027						1578		1.58	1.99
46066		125		0.13					
46067		558		0.56					

Certified by Denis Clinton

1. No Reject
2. listed not received

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Assay Certificate

Certificate Number: 11-013

Company: **Queenston Mining Inc.**

Project: LEBEL

Report Date: 22-Jan-11

Attn: Dan McCormack

We hereby certify the following Assay of 4 rejects samples submitted 03-Jan-11 by Dan McCormack

Sample Number	Au FA-AAS ppb	Au Chk FA-AAS ppb	Au FA-AAS g/Mt	Au Chk FA-AAS g/Mt	Au FA-GRAV ppb	Au Chk FA-GRAV ppb	Au FA-GRAV g/Mt	Au Chk FA-GRAV g/Mt
48723	142		0.14					
48689					1233		1.23	1.40
48690					4042		4.04	3.63
48693	694	824	0.69	0.82				

Certified by Denis Chartre

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Assay Certificate

Certificate Number: 11-042

Company: **Queenston Mining Inc.**

Project: Lebel

Report Date: 25-Jan-11

Attn: Dan McCormack

We hereby certify the following Assay of 23 rejects samples submitted 05-Jan-11 by Dan McCormack

Sample Number	Au FA-AAS ppb	Au Chk FA-AAS ppb	Au FA-AAS g/Mt	Au Chk FA-AAS g/Mt	Au FA-GRAV ppb	Au Chk FA-GRAV ppb	Au FA-GRAV g/Mt	Au Chk FA-GRAV g/Mt
27560	779		0.78					
45190	887		0.89					
45345	375		0.38					
45348					2196		2.20	2.13
45353	99		0.10					
45359	2056		2.06					2.05
45370	610		0.61					
45382	332		0.33					
45390	826		0.83					
45393	382	417	0.38	0.42				
Blank Value	3		< 0.01					
45415	342		0.34					
45416					15696		15.70	13.80
45420					4808		4.81	4.73
45421	286		0.29					
45422					5148		5.15	5.21
45450	581		0.58					
45496	299		0.30					
48804	124		0.12					
49000					1507		1.51	1.58
27568					1918		1.92	1.99
45166					2466		2.47	2.19
48702					1235		1.24	1.17
OxF65	791		0.79					
48704					6584		6.58	4.93

Certified by Denis Chartre

Denis Chartre

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Assay Certificate

Certificate Number: 11-1174

Company: **Queenston Mining Inc.**

Project: Lebel

Report Date: 08-Apr-11

Attn: Dan McCormack

We hereby certify the following Assay of 26 rejects samples submitted 29-Mar-11 by Dan McCormack

Sample Number	Au FA-AAS ppb	Au Chk FA-AAS ppb	Au FA-AAS g/Mt	Au Chk FA-AAS g/Mt	Au FA-GRAV ppb	Au Chk FA-GRAV ppb	Au FA-GRAV g/Mt	Au Chk FA-GRAV g/Mt
53154	16		< 0.01					
54054	700		0.70					
52813	1137		1.14					1.10
46433	142		0.14					
48248	150		0.15					
46416	< 2		< 0.01					
46362	1117		1.12					1.10
47070	897		0.90					
47074	369		0.37					
48436					5491		5.49	5.62
52024	486		0.49					
51657					1988		1.99	1.92
51663	1289		1.29					1.10
46937	111		0.11					
46939	121		0.12					
51920	752		0.75					
51928	1193		1.19					1.17
51931	117		0.12					
51933	398		0.40					
51939					1714		1.71	1.92
51940	262		0.26					
51941					4801		4.80	4.87
Blank Value	< 2		< 0.01					
51964	606		0.61					
51968	501		0.50					
46569					5418		5.42	5.56
SH41	1340		1.34					
46592	893		0.89					

Certified by Jing Lin

Jing Lin, M Sc.

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Assay Certificate

Certificate Number: 11-1392

Company: **Queenston Mining Inc.**

Project: Lebel

Report Date: 17-May-11

Attn: Dan McCormack

We hereby certify the following Assay of 13 pulp samples submitted 13-Apr-11 by Dan McCormack

Sample Number	Au FA-AAS ppb	Au Chk FA-AAS ppb	Au FA-AAS g/Mt	Au Chk FA-AAS g/Mt	Au FA-GRAV ppb	Au FA-GRAV g/Mt	Au Chk FA-GRAV ppb	Au Chk FA-GRAV g/Mt
54428					1439	1.44		1.27
54430	798		0.80					
54432	764		0.76					
54436					3084	3.08		2.82
54457	593		0.59					
53781	1438		1.44					1.51
48313					1849	1.85		1.72
54430	776		0.78					
54432	808		0.81					
53787	646	641	0.65	0.64				
Blank Value	7		< 0.01					
SH41	1334		1.33					
54587	199		0.20					
51931	127		0.13					
53154	32		0.03					

Certified by Jing Lin

Jing Lin, M Sc.

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Assay Certificate

Certificate Number: 11-168

Company: **Queenston Mining Inc.**

Project: Lebel

Report Date: 10-Feb-11

Attn: Dan McCormack

We hereby certify the following Assay of 26 rejects samples submitted 12-Jan-11 by Dan McCormack

Sample Number		Au FA-AAS ppb	Au Chk FA-AAS ppb	Au FA-AAS g/Mt	Au Chk FA-AAS g/Mt	Au FA-GRAV ppb	Au Chk FA-GRAV ppb	Au FA-GRAV g/Mt	Au Chk FA-GRAV g/Mt
26917		701		0.70					
26933		1129		1.13					1.23
26956		518		0.52					
26997		951		0.95					
27019		504		0.50					
27021		431		0.43					
27022		429		0.43					
27023		446		0.45					
27038		572		0.57					
46092		528	496	0.53	0.50				
Blank Value		4		< 0.01					
OxF65		826		0.83					
46362		1084		1.08					1.03
46416		1495		1.50					1.92
47113		745		0.74					
47119		431		0.43					
47142						1267		1.27	1.23
47170						2021		2.02	2.06
47785						2397		2.40	2.54
47831						5689		5.69	5.48
48689	1								
48690	1								
48693	1								
63964		520		0.52					
63965						1509		1.51	1.44
63967						1063		1.06	1.03
63968		741		0.74					
63970		514		0.51			583		0.58

Certified by

Denis Chartre

1. listed not received

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Assay Certificate

Certificate Number: 11-169

Company: **Queenston Mining Inc.**

Project: Lebel

Report Date: 20-Jan-11

Attn: Dan McCormack

We hereby certify the following Assay of 38 pulp samples submitted 12-Jan-11 by Dan McCormack

Sample Number	Au FA-AAS ppb	Au Chk FA-AAS ppb	Au FA-AAS g/Mt	Au Chk FA-AAS g/Mt	Au FA-GRAV ppb	Au Chk FA-GRAV ppb	Au FA-GRAV g/Mt	Au Chk FA-GRAV g/Mt
46101	301		0.30					
46105	518		0.52					
46114	91		0.09					
46140	334		0.33					
46143					1992		1.99	2.19
46167	2141		2.14					2.33
46175					2534		2.53	2.81
46301	406	362	0.41	0.36				
46302	322		0.32					
46303	920	958	0.92	0.96				
Blank Value	3		< 0.01					
OxF65	779		0.78					
46308					5483		5.48	4.24
46309	945		0.95					
46319					3018		3.02	3.08
46320	1334		1.33					1.41
46321					5826		5.83	5.97
46323					9135		9.13	9.11
46324	301		0.30					
46358	973		0.97					
46408	701		0.70					
46409	488	498	0.49	0.50				
46413	603		0.60					
46417	127		0.13					
46418	983		0.98					

Certified by Denis Chartre

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Assay Certificate

Certificate Number: 11-169

Company: **Queenston Mining Inc.**

Project: Lebel

Report Date: 20-Jan-11

Attn: Dan McCormack

We hereby certify the following Assay of 38 pulp samples submitted 12-Jan-11 by Dan McCormack

Sample Number	Au FA-AAS ppb	Au Chk FA-AAS ppb	Au FA-AAS g/Mt	Au Chk FA-AAS g/Mt	Au FA-GRAV ppb	Au Chk FA-GRAV ppb	Au FA-GRAV g/Mt	Au Chk FA-GRAV g/Mt
46425	467		0.47					
46440	1441		1.44					1.41
46447	486		0.49					
47447	229		0.23					
Blank Value	< 2		< 0.01					
OxF65	780		0.78					
47483					2330		2.33	2.26
47488	1772		1.77					1.68
47489	3353		3.35					3.50
47490	1054		1.05					1.13
47499	530		0.53					
47626	1493		1.49					1.75
47711	357		0.36					
47732	725		0.72					
47791	932		0.93					
47798	618		0.62					
47918	1616		1.62					1.82

Certified by Denis Chartre

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Assay Certificate

Certificate Number: 11-221

Company: **Queenston Mining Inc.**

Project: Lebel

Report Date: 05-Feb-11

Attn: Dan McCormack

We hereby certify the following Assay of 59 rejects samples submitted 18-Jan-11 by Dan McCormack

Sample Number	Au FA-AAS ppb	Au Chk FA-AAS ppb	Au FA-AAS g/Mt	Au Chk FA-AAS g/Mt	Au FA-GRAV ppb	Au Chk FA-GRAV ppb	Au FA-GRAV g/Mt	Au Chk FA-GRAV g/Mt
46502					1851		1.85	1.78
46506	506	488	0.51	0.49				
46512					2536		2.54	2.40
46514					3564		3.56	2.95
46515					4047		4.05	3.02
46517	413	336	0.41	0.34				
46526					3838		3.84	3.77
46531					2467		2.47	2.81
46535					5209		5.21	5.21
46538					6036		6.04	6.04
46539					6036		6.04	6.10
46545					9384		9.38	10.62
Blank Value	5		< 0.01					
46554					2055		2.05	2.13
OxF65	834		0.83					
46559					1373		1.37	1.30
46563					26712		26.71	27.82
46566	2308		2.31					2.26
46573					9596		9.60	8.22
46577					1370		1.37	2.12
46591	843		0.84					
46592	922	738	0.92	0.74				
46593					6849		6.85	7.61
46594					4524		4.52	4.73
47950	740		0.74					

Certified by

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Assay Certificate

Certificate Number: 11-221

Company: **Queenston Mining Inc.**

Project: Lebel

Report Date: 05-Feb-11

Attn: Dan McCormack

We hereby certify the following Assay of 59 rejects samples submitted 18-Jan-11 by Dan McCormack

Sample Number	Au FA-AAS ppb	Au Chk FA-AAS ppb	Au FA-AAS g/Mt	Au Chk FA-AAS g/Mt	Au FA-GRAV ppb	Au Chk FA-GRAV ppb	Au FA-GRAV g/Mt	Au Chk FA-GRAV g/Mt
47966	1084		1.08					0.89
47968					2193		2.19	1.78
47969					1029		1.03	1.16
47976	705		0.71					
47978	599		0.60					
Blank Value	3		< 0.01					
OxF65	821		0.82					
47979	233		0.23					
47980	283	291	0.28	0.29				
47986					2334		2.33	2.40
47991	168		0.17					
47993	394		0.39					
47995	621		0.62					
47999	2279		2.28					1.92
48204					4524		4.52	4.38
48212	56		0.06					
48213	762		0.76					
48214	840		0.84					
48006	891	970	0.89	0.97				
48019	957		0.96					
48034	407		0.41					
48066	1216		1.22					1.27
48075					3086		3.09	3.22
48078					1511		1.51	1.61
48084	250	226	0.25	0.23				

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Assay Certificate

Certificate Number: 11-221

Company: **Queenston Mining Inc.**

Project: Lebel

Report Date: 05-Feb-11

Attn: Dan McCormack

We hereby certify the following Assay of 59 rejects samples submitted 18-Jan-11 by Dan McCormack

Sample Number	Au FA-AAS ppb	Au Chk FA-AAS ppb	Au FA-AAS g/Mt	Au Chk FA-AAS g/Mt	Au FA-GRAV ppb	Au Chk FA-GRAV ppb	Au FA-GRAV g/Mt	Au Chk FA-GRAV g/Mt
48102	740	682	0.74	0.68				
48105	1518		1.52					1.68
Blank Value	< 2		< 0.01					
OxF65	846		0.85					
48108	211	186	0.21	0.19				
48116	1109		1.11					1.20
48133	756	612	0.76	0.61				
48134	1945		1.95					2.02
48160					1440		1.44	1.65
48162	740		0.74					
48164	213		0.21					
48167	767		0.77					
48176	12		0.01					
48180	47		0.05					
48191	739		0.74					

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Assay Certificate

Certificate Number: 11-718

Company: **Queenston Mining Inc.**

Project: Lebel

Report Date: 24-Mar-11

Attn: Dan McCormack

We hereby certify the following Assay of 69 rejects samples submitted 25-Feb-11 by Dan McCormack

Sample Number	Au FA-AAS ppb	Au Chk FA-AAS ppb	Au FA-AAS g/Mt	Au Chk FA-AAS g/Mt	Au FA-GRAV ppb	Au Chk FA-GRAV ppb	Au FA-GRAV g/Mt	Au Chk FA-GRAV g/Mt
47525	1075		1.08					1.27
47542	620		0.62					
47502	753		0.75					
47505	204		0.20					
48402					1028		1.03	1.03
48420	712		0.71					
48421	467		0.47					
48437	139		0.14					
51922	682		0.68					
51925	355	317	0.36	0.32				
Blank Value	< 2		< 0.01					
51926	282		0.28					
51927	552		0.55					
51964	613		0.61					
51968	456		0.46					
51971					1575		1.58	1.75
51974	478		0.48					
47044	833		0.83					
47065	2432		2.43					2.47
47075					2945		2.95	2.74
52001					1916		1.92	1.34
52009					3837		3.84	3.98
52010					5386		5.39	4.87
52012	492		0.49					
52013					1851		1.85	2.06

Certified by Jing Lin

1. No Reject

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Assay Certificate

Certificate Number: 11-718

Company: **Queenston Mining Inc.**

Project: Lebel

Report Date: 24-Mar-11

Attn: Dan McCormack

We hereby certify the following Assay of 69 rejects samples submitted 25-Feb-11 by Dan McCormack

Sample Number	Au FA-AAS ppb	Au Chk FA-AAS ppb	Au FA-AAS g/Mt	Au Chk FA-AAS g/Mt	Au FA-GRAV ppb	Au Chk FA-GRAV ppb	Au FA-GRAV g/Mt	Au Chk FA-GRAV g/Mt
52022	1876		1.88					1.82
52024	443		0.44					
52048					5108		5.11	4.94
52050	1880		1.88					1.78
Blank Value	6		< 0.01					
SH41	1366		1.37					
52055					4942		4.94	5.07
52056					22085		22.09	25.33
52057					3358		3.36	3.01
SH41	1400		1.40					
52062					1818		1.82	1.30
48248	125		0.12					
48263	417		0.42					
48274	429		0.43					
51798	51		0.05					
51656	629		0.63					
51667	367		0.37					
51669	562		0.56					
51670	563	574	0.56	0.57				
52850	734		0.73					
52874	746		0.75					
53011					720		0.72	
53015	433		0.43					
48313	1038		1.04					0.96
48330					995		0.99	

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Certificate Number: 11-718

Company: **Queenston Mining Inc.**

Project: Lebel

Report Date: 24-Mar-11

Attn: Dan McCormack

We hereby certify the following Assay of 69 rejects samples submitted 25-Feb-11 by Dan McCormack

Sample Number		Au FA-AAS ppb	Au Chk FA-AAS ppb	Au FA-AAS g/Mt	Au Chk FA-AAS g/Mt	Au FA-GRAV ppb	Au Chk FA-GRAV ppb	Au FA-GRAV g/Mt	Au Chk FA-GRAV g/Mt
48331						5689		5.69	5.56
48361		280		0.28					
Blank Value		< 2		< 0.01					
SH41		1366		1.37					
48362						5761		5.76	6.10
48348		1106		1.11					1.17
48363		453		0.45					
48383		630		0.63					
51846		5118		5.12					5.28
51848						5624		5.62	5.56
51849	1					3564		3.56	3.91
51860		2041		2.04					2.06
51862		1092		1.09					1.06
51873						2124		2.12	3.70
51884		1912		1.91					1.68
51888						4190		4.19	4.60
51889		406		0.41					
52218		119		0.12					
52219		127		0.13					
52223		1030		1.03					1.10
52226						1336		1.34	1.30
52249		547		0.55					
52255		526		0.53					
52280		128		0.13					
Blank Value		3		< 0.01					
SH41		1382		1.38					
48415		2020		2.02					1.92

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Certificate Number: 11-719

Company: **Queenston Mining Inc.**

Project: Lebel

Report Date: 23-Mar-11

Attn: Dan McCormack

We hereby certify the following Assay of 73 pulp samples submitted 25-Feb-11 by Dan McCormack

Sample Number	Au FA-AAS ppb	Au Chk FA-AAS ppb	Au FA-AAS g/Mt	Au Chk FA-AAS g/Mt	Au FA-GRAV ppb	Au Chk FA-GRAV ppb	Au FA-GRAV g/Mt	Au Chk FA-GRAV g/Mt
47525	1004		1.00					1.54
47542	552	560	0.55	0.56				
47546					1544		1.54	1.92
47502	772		0.77					
47505	185		0.18					
48402	963		0.96					
48420	850		0.85					
48421	497		0.50					
48436					5757		5.76	5.83
48437	116		0.12					
Blank Value	11		0.01					
51920	780		0.78					
51922	604	628	0.60	0.63				
51925	285		0.29					
51926	301		0.30					
51927	564		0.56					
51935	2625		2.63					2.67
51964	596		0.60					
51968	504		0.50					
51971	1616		1.62					1.71
51974	659	700	0.66	0.70				
47044	965		0.96					
47065					2747		2.75	2.81
47070	948		0.95					
47074	377		0.38					

Certified by Denis Chartre

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Assay Certificate

Certificate Number: 11-719

Company: **Queenston Mining Inc.**

Project: Lebel

Report Date: 23-Mar-11

Attn: Dan McCormack

We hereby certify the following Assay of 73 pulp samples submitted 25-Feb-11 by Dan McCormack

Sample Number	Au FA-AAS ppb	Au Chk FA-AAS ppb	Au FA-AAS g/Mt	Au Chk FA-AAS g/Mt	Au FA-GRAV ppb	Au Chk FA-GRAV ppb	Au FA-GRAV g/Mt	Au Chk FA-GRAV g/Mt
47075	2930		2.93					3.08
52001					1954		1.95	2.26
Blank Value	< 2		< 0.01					
SH41	1373		1.37					
52009	3385		3.39					3.37
52010					5834		5.83	6.17
52012	460		0.46					
52013	2381		2.38					2.36
52022	2007		2.01					1.82
52048					5209		5.21	5.28
52050	1727		1.73					1.89
52055					5281		5.28	5.14
52056					10768		10.77	13.93
52057					3569		3.57	3.64
52062	590		0.59					
48263	758		0.76					
48274	491		0.49					
51656	574	554	0.57	0.55				
51667	345		0.35					
51669	641		0.64					
51670	589		0.59					
52849	759		0.76					
52850	662		0.66					
52874	639		0.64					
53015	532		0.53					

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Certificate Number: 11-719

Company: **Queenston Mining Inc.**

Project: Lebel

Report Date: 23-Mar-11

Attn: Dan McCormack

We hereby certify the following Assay of 73 pulp samples submitted 25-Feb-11 by Dan McCormack

Sample Number	Au FA-AAS ppb	Au Chk FA-AAS ppb	Au FA-AAS g/Mt	Au Chk FA-AAS g/Mt	Au FA-GRAV ppb	Au Chk FA-GRAV ppb	Au FA-GRAV g/Mt	Au Chk FA-GRAV g/Mt
Blank Value	11		0.01					
SH41	1382		1.38					
46960					5765		5.77	5.56
48308	546		0.55					
48314	493	596	0.49	0.60				
48330	1201		1.20					0.93
48331					5628		5.63	6.73
SH41	1370		1.37					
48348	1069		1.07					1.03
48363	451	442	0.45	0.44				
48383	607	562	0.61	0.56				
51846					5072		5.07	4.88
51848					5834		5.83	4.94
51849					3699		3.70	3.91
51860	2379		2.38					2.19
51862	876	925	0.88	0.93				
51873					2260		2.26	2.60
51884					1919		1.92	2.12
51888					4387		4.39	5.01
51889	185		0.18					
52218	219		0.22					
52219	29		0.03					
52223	1117		1.12					1.30
52225	748		0.75					
Blank Value	3		< 0.01					

Certified by Denis Chartre

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Assay Certificate

Certificate Number: 11-719

Company: **Queenston Mining Inc.**

Project: Lebel

Report Date: 23-Mar-11

Attn: Dan McCormack

We hereby certify the following Assay of 73 pulp samples submitted 25-Feb-11 by Dan McCormack

Sample Number	Au FA-AAS ppb	Au Chk FA-AAS ppb	Au FA-AAS g/Mt	Au Chk FA-AAS g/Mt	Au FA-GRAV ppb	Au Chk FA-GRAV ppb	Au FA-GRAV g/Mt	Au Chk FA-GRAV g/Mt
SH41	1356		1.36					
52226	1382		1.38					1.47
52234	349	357	0.35	0.36				
52249	179		0.18					
52255	938		0.94					
52280	125		0.13					

Certified by

Denis Chartre

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Assay Certificate

Certificate Number: 11-953

Company: **Queenston Mining Inc.**

Project: Lebel

Report Date: 25-Mar-11

Attn: Dan McCormack

We hereby certify the following Assay of 6 rejects samples submitted 15-Mar-11 by Dan McCormack

Sample Number	Au FA-AAS ppb	Au Chk FA-AAS ppb	Au FA-AAS g/Mt	Au Chk FA-AAS g/Mt	Au Chk FA-GRAV ppb	Au Chk FA-GRAV g/Mt
52717	1711		1.71			1.61
51967	2299		2.30			2.81
51965	1172		1.17			1.20
52532	171		0.17			
48314	556		0.56			
48308	1559		1.56			1.61

Certified by Jig Lin

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Certificate Number: 11-954

Company: **Queenston Mining Inc.**

Project: Lebel

Report Date: 29-Mar-11

Attn: Dan McCormack

We hereby certify the following Assay of 10 pulp samples submitted 15-Mar-11 by Dan McCormack

Sample Number	Au FA-AAS ppb	Au Chk FA-AAS ppb	Au FA-AAS g/Mt	Au Chk FA-AAS g/Mt	Au FA-GRAV ppb	Au Chk FA-GRAV ppb	Au FA-GRAV g/Mt	Au Chk FA-GRAV g/Mt
52813	1250		1.25					1.13
52932	656		0.66					
48248	129		0.13					
46362	1000		1.00					0.93
47635					6314		6.31	6.24
46416					1989		1.99	1.85
46433	107		0.11					
48361	244		0.24					
52024	415		0.42					
52442	425		0.42					

Certified by JL

Jing Lin, M Sc.

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Assay Certificate

Certificate Number: 11-012

Company: **Queenston Mining Inc.**

Project: LEBEL

Report Date: 26-Jan-11

Attn: Dan McCormack

We hereby certify the following Assay of 14 rejects samples submitted 03-Jan-11 by Dan McCormack

Sample Number		Au FA-AAS ppb	Au Chk FA-AAS ppb	Au FA-AAS g/Mt	Au Chk FA-AAS g/Mt	Au FA-GRAV ppb	Au Chk FA-GRAV ppb	Au FA-GRAV g/Mt	Au Chk FA-GRAV g/Mt
48880		179		0.18					
48892		551		0.55					
48894	1								
48904		124		0.12					
48958		88		0.09					
48623		789		0.79					
48624		224		0.22					
48705						2779		2.78	2.74
48716		1224		1.22					1.30
Blank Value		< 2		< 0.01					
OxF65		795		0.79					
48722						3941		3.94	4.15
48724						2503		2.50	2.74
48746		91		0.09					
48766		1037		1.04					1.17
48795		331		0.33					

Certified by Denis Chartre

1. listed not received

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Assay Certificate

Certificate Number: 11-170

Company: **Queenston Mining Inc.**

Project: Lebel

Report Date: 27-Jan-11

Attn: Dan McCormack

We hereby certify the following Assay of 38 rejects samples submitted 12-Jan-11 by Dan McCormack

Sample Number		Au FA-AAS ppb	Au Chk FA-AAS ppb	Au FA-AAS g/Mt	Au Chk FA-AAS g/Mt	Au FA-GRAV ppb	Au Chk FA-GRAV ppb	Au FA-GRAV g/Mt	Au Chk FA-GRAV g/Mt
46101		394		0.39					
46105		349		0.35					
46114		99		0.10					
46140		313		0.31					
46143						2329		2.33	2.13
46167		2187		2.19					2.47
46175						2333		2.33	2.20
46301		283		0.28					
46302		284		0.28					
46303		1004		1.00					1.24
Blank Value		4		< 0.01					
46308	1					5552		5.55	5.55
46309		474		0.47					
46319						3017		3.02	3.16
46320						1474		1.47	1.61
46321						6164		6.16	6.10
46323						8916		8.92	9.81
46324		269		0.27					
46358		937		0.94					
46408		737		0.74					
46409		471	414	0.47	0.41				
46413		803		0.80					
46417		127		0.13					
46418						1028		1.03	1.13
46425		478		0.48					

Certified by Denis Chartre

1. No Reject

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Assay Certificate

Certificate Number: 11-170

Company: **Queenston Mining Inc.**

Project: Lebel

Report Date: 27-Jan-11

Attn: Dan McCormack

We hereby certify the following Assay of 38 rejects samples submitted 12-Jan-11 by Dan McCormack

Sample Number	Au FA-AAS ppb	Au Chk FA-AAS ppb	Au FA-AAS g/Mt	Au Chk FA-AAS g/Mt	Au FA-GRAV ppb	Au Chk FA-GRAV ppb	Au FA-GRAV g/Mt	Au Chk FA-GRAV g/Mt
46440					1508		1.51	1.65
46447	448		0.45					
47447	245		0.25					
Blank Value	< 2		< 0.01					
OxF65	844		0.84					
47483					2433		2.43	2.33
47488					1783		1.78	1.75
OxF65	841		0.84					
47489					3529		3.53	3.50
47490	864		0.86					
47499	458		0.46					
47626					1748		1.75	1.61
47711	502		0.50					
47732	696		0.70					
47791	714		0.71					
47798	525		0.52					
47918					1988		1.99	1.89

Certified by Denis Chartre

1. No Reject

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Assay Certificate

Certificate Number: 11-171

Company: **Queenston Mining Inc.**

Project: Lebel

Report Date: 25-Jan-11

Attn: Dan McCormack

We hereby certify the following Assay of 38 pulp samples submitted 12-Jan-11 by Dan McCormack

Sample Number		Au FA-AAS ppb	Au Chk FA-AAS ppb	Au FA-AAS g/Mt	Au Chk FA-AAS g/Mt	Au FA-GRAV ppb	Au Chk FA-GRAV ppb	Au FA-GRAV g/Mt	Au Chk FA-GRAV g/Mt
46205						3151		3.15	2.81
46211		618		0.62					
46212		1583		1.58					1.48
46218		491		0.49					
46232		746		0.75					
46233		1924		1.92					1.92
46246		1577		1.58					1.54
46249		171	290	0.17	0.29				
46260		107		0.11					
46275		2032		2.03					2.12
Blank Value		< 2		< 0.01					
OxF65		783		0.78					
46297	1								
46449		256		0.26					
46452		624	652	0.62	0.65				
46455						4384		4.38	4.59
46458		700		0.70					
46459						2808		2.81	2.88
46463		1714		1.71					1.75
46472		1011		1.01					1.17
47624		1166		1.17					1.37
47636		1017		1.02					1.17
47657						2877		2.88	2.88
47662						3151		3.15	2.81
47670		43		0.04					

Certified by Denis Chartre

1. listed not received

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Assaying - Consulting - Representation

Assay Certificate

Certificate Number: 11-171

Company: **Queenston Mining Inc.**

Project: Lebel

Report Date: 25-Jan-11

Attn: Dan McCormack

We hereby certify the following Assay of 38 pulp samples submitted 12-Jan-11 by Dan McCormack

Sample Number		Au FA-AAS ppb	Au Chk FA-AAS ppb	Au FA-AAS g/Mt	Au Chk FA-AAS g/Mt	Au FA-GRAV ppb	Au Chk FA-GRAV ppb	Au FA-GRAV g/Mt	Au Chk FA-GRAV g/Mt
47689		412		0.41					
47695		1586		1.59					1.71
47803		974		0.97					
47819		705		0.71					
Blank Value		< 2		< 0.01					
OxF65		792		0.79					
47875						2397		2.40	2.47
47884		1480		1.48					1.64
47889		234	236	0.23	0.24				
48501		426		0.43					
48502		1743		1.74					1.58
48507		130		0.13					
48541		55		0.05					
48546		336		0.34					
48561		198	207	0.20	0.21				
48992	1								
48994	1								

Certified by Denis Chartre

Denis Chartre

1. listed not received

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Assaying - Consulting - Representation

Assay Certificate

Certificate Number: 11-172

Company: **Queenston Mining Inc.**

Project: Lebel

Report Date: 27-Jan-11

Attn: Dan McCormack

We hereby certify the following Assay of 38 rejects samples submitted 12-Jan-11 by Dan McCormack

Sample Number		Au FA-AAS ppb	Au Chk FA-AAS ppb	Au FA-AAS g/Mt	Au Chk FA-AAS g/Mt	Au FA-GRAV ppb	Au Chk FA-GRAV ppb	Au FA-GRAV g/Mt	Au Chk FA-GRAV g/Mt
46205	1					3082		3.08	3.36
46211		600		0.60					
46212		1875		1.87					1.92
46218		516		0.52					
46232						788		0.79	
46233						2228		2.23	2.06
46246		990		0.99					
46249		249		0.25					
46260		124		0.12					
46275						2263		2.26	2.13
46297		172		0.17					
46449		250		0.25					
46452		706		0.71					
46455						4594		4.59	4.60
46458		777		0.78					
46459						2844		2.84	2.74
46463									
46472		1353		1.35					1.58
47624						1268		1.27	1.47
47636						1165		1.17	1.20
47657						3019		3.02	3.36
47662						4047		4.05	4.25
Blank Value		2		< 0.01					
47670		60		0.06					
47689		347		0.35					

Certified by Denis Chartre

Denis Chartre

1. No Reject

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Assay Certificate

Certificate Number: 11-172

Company: **Queenston Mining Inc.**

Project: Lebel

Report Date: 27-Jan-11

Attn: Dan McCormack

We hereby certify the following Assay of 38 rejects samples submitted 12-Jan-11 by Dan McCormack

Sample Number	Au FA-AAS ppb	Au Chk FA-AAS ppb	Au FA-AAS g/Mt	Au Chk FA-AAS g/Mt	Au FA-GRAV ppb	Au Chk FA-GRAV ppb	Au FA-GRAV g/Mt	Au Chk FA-GRAV g/Mt
47695	1541		1.54					1.58
47803	1373		1.37					1.30
47819	659		0.66					
47875	2182		2.18					2.67
Blank Value	6		< 0.01					
OxF65	781		0.78					
47884	1687		1.69					1.75
47889	258	241	0.26	0.24				
48501	476		0.48					
48502					1644		1.64	1.54
OxF65	784		0.78					
48507	138		0.14					
48541	63		0.06					
48546	362		0.36					
48561	238		0.24					
48992					4697		4.70	4.32
48994					3669		3.67	3.90

Certified by Denis Chartre

1. No Reject

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Assay Certificate

Certificate Number: 11-220

Company: **Queenston Mining Inc.**

Project: Lebel

Report Date: 31-Jan-11

Attn: Dan McCormack

We hereby certify the following Assay of 59 pulp samples submitted 18-Jan-11 by Dan McCormack

Sample Number	Au FA-AAS ppb	Au Chk FA-AAS ppb	Au FA-AAS g/Mt	Au Chk FA-AAS g/Mt	Au FA-GRAV ppb	Au Chk FA-GRAV ppb	Au FA-GRAV g/Mt	Au Chk FA-GRAV g/Mt
46502					1852		1.85	1.72
46506	466		0.47					
46512					2603		2.60	2.40
46514					3228		3.23	3.29
46515					3159		3.16	4.05
46517	90	80	0.09	0.08				
46526	2211		2.21					2.54
46531					2263		2.26	2.54
46535					5148		5.15	5.89
46538					6036		6.04	6.10
46539					5205		5.21	5.35
46545					9035		9.03	10.92
46554	1411		1.41					1.44
46559	1237		1.24					0.86
46563					28395		28.40	28.42
Blank Value	7		< 0.02					
46566	99	101	0.10	0.10				
46573					9110		9.11	10.02
OxF65	801		0.80					
46577	306		0.31					
46591	639		0.64					
46592	726	762	0.73	0.76				
46593					6584		6.58	8.37
46594					4461		4.46	4.80
47950	536		0.54					

Certified by Denis Chartre

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Assay Certificate

Certificate Number: 11-220

Company: **Queenston Mining Inc.**

Project: Lebel

Report Date: 31-Jan-11

Attn: Dan McCormack

We hereby certify the following Assay of 59 pulp samples submitted 18-Jan-11 by Dan McCormack

Sample Number	Au FA-AAS ppb	Au Chk FA-AAS ppb	Au FA-AAS g/Mt	Au Chk FA-AAS g/Mt	Au FA-GRAV ppb	Au Chk FA-GRAV ppb	Au FA-GRAV g/Mt	Au Chk FA-GRAV g/Mt
47966	797		0.80					
47968					1782		1.78	1.78
47969	1022		1.02					1.17
47976	650		0.65					
47978	536		0.54					
Blank Value	5		< 0.02					
OxF65	813		0.81					
47979	214		0.21					
47980	314	269	0.31	0.27				
47986	2048		2.05					2.13
47991	123		0.12					
47993	421		0.42					
47995	593		0.59					
47999					2125		2.12	2.06
48204					2673		2.67	2.95
48212	588		0.59					
48213	57		0.06					
48214	777		0.78					
48006	872	763	0.87	0.76				
48019	399		0.40					
48034	480		0.48					
48066	996		1.00					1.13
48075					3157		3.16	3.09
48078					3020		3.02	3.29
48084	232	245	0.23	0.25				

Certified by Denis Chartre

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Company: **Queenston Mining Inc.**

Project: Lebel

Report Date: 31-Jan-11

Attn: Dan McCormack

We hereby certify the following Assay of 59 pulp samples submitted 18-Jan-11 by Dan McCormack

Sample Number	Au FA-AAS ppb	Au Chk FA-AAS ppb	Au FA-AAS g/Mt	Au Chk FA-AAS g/Mt	Au FA-GRAV ppb	Au Chk FA-GRAV ppb	Au FA-GRAV g/Mt	Au Chk FA-GRAV g/Mt
48102	1305		1.30					1.03
48105	1201		1.20					1.30
Blank Value	< 2		< 0.02					
OxF65	782		0.78					
48108	219	234	0.22	0.23				
48116					2265		2.26	2.13
48133	694		0.69					
48134					1645		1.64	1.30
48160	1177		1.18					1.10
48162	481		0.48					
48164	178		0.18					
48167	638		0.64					
48176	11		< 0.02					
48180	28		0.03					
48191	651		0.65					

Certified by Denis Chartre

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Assay Certificate

Certificate Number: 11-1020

Company: **Queenston Mining Inc.**

Project: Lebel

Report Date: 29-Mar-11

Attn: Dan McCormack

We hereby certify the following Assay of 5 pulp samples submitted 21-Mar-11 by Dan McCormack

Sample Number	Au FA-AAS ppb	Au Chk FA-AAS ppb	Au FA-AAS g/Mt	Au Chk FA-AAS g/Mt	Au FA-GRAV ppb	Au Chk FA-GRAV ppb	Au FA-GRAV g/Mt	Au Chk FA-GRAV g/Mt
52532	166		0.17					
53011	1244		1.24					1.17
52902	502		0.50					
52905	550		0.55					
52896	531		0.53					

Certified by Jing Lin

Jing Lin, M Sc.

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Assay Certificate

Certificate Number: 11-521

Company: **Queenston Mining Inc.**

Project: Lebel

Report Date: 25-Feb-11

Attn: Dan McCormack

We hereby certify the following Assay of 40 pulp samples submitted 10-Feb-11 by Dan McCormack

Sample Number	Au FA-AAS ppb	Au Chk FA-AAS ppb	Au FA-AAS g/Mt	Au Chk FA-AAS g/Mt	Au FA-GRAV ppb	Au Chk FA-GRAV ppb	Au FA-GRAV g/Mt	Au Chk FA-GRAV g/Mt
46799					1303		1.30	1.34
46763					1611		1.61	1.72
46765					959		0.96	
46743					2127		2.13	1.92
46745					2504		2.50	3.16
46746					19767		19.77	20.80
46801	176	149	0.18	0.15				
46803					2265		2.26	2.47
46804					1541		1.54	1.58
46805	1851		1.85					2.20
46808	247	264	0.25	0.26				
46810					4354		4.35	4.46
Blank Value	2		< 0.01					
46830					1852		1.85	1.78
SH41	1367		1.37					
46835					1028		1.03	0.82
46841	867		0.87					
46846					549		0.55	
46859					2536		2.54	2.33
46873					4010		4.01	4.46
46880					2502		2.50	2.67
46882	267	272	0.27	0.27				
46883	743		0.74					
46894	855		0.85					
46895	175		0.17					

Certified by Denis Chartre

Denis Chartre

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Assay Certificate

Certificate Number: 11-521

Company: **Queenston Mining Inc.**

Project: Lebel

Report Date: 25-Feb-11

Attn: Dan McCormack

We hereby certify the following Assay of 40 pulp samples submitted 10-Feb-11 by Dan McCormack

Sample Number	Au FA-AAS ppb	Au Chk FA-AAS ppb	Au FA-AAS g/Mt	Au Chk FA-AAS g/Mt	Au FA-GRAV ppb	Au Chk FA-GRAV ppb	Au FA-GRAV g/Mt	Au Chk FA-GRAV g/Mt
46657	345	350	0.34	0.35				
46659	939		0.94					
46662					2986		2.99	2.81
46663					7687		7.69	7.88
46678					5868		5.87	6.72
46687	926		0.93			891		0.89
46697					2642		2.64	2.47
46617					3671		3.67	3.56
46630	467	497	0.47	0.50				
46633					14997		15.00	15.14
46642					753		0.75	
46643					514		0.51	
46991					2607		2.61	2.60
46994					2159		2.16	2.33
46997					7584		7.58	8.16
52161					6584		6.58	6.59
Blank Value	2		< 0.01					
SH41	1371		1.37					
51546					2195		2.19	2.47

Certified by Denis Chartre

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Assay Certificate

Certificate Number: 11-522

Company: **Queenston Mining Inc.**

Project: Lebel

Report Date: 02-Mar-11

Attn: Dan McCormack

We hereby certify the following Assay of 39 pulp samples submitted 10-Feb-11 by Dan McCormack

Sample Number	Au FA-AAS ppb	Au Chk FA-AAS ppb	Au FA-AAS g/Mt	Au Chk FA-AAS g/Mt	Au FA-GRAV ppb	Au Chk FA-GRAV ppb	Au FA-GRAV g/Mt	Au Chk FA-GRAV g/Mt
51548					926		0.93	
51551	175		0.18					
51509	745		0.75					
51526					1338		1.34	1.37
51530	805		0.80					
51599	633		0.63					
51601	761		0.76					
51604	432		0.43					
47574					1200		1.20	1.27
47575	744	817	0.74	0.82				
Blank Value	3		< 0.01					
47576					24974		24.97	25.17
47578	2019		2.02					1.78
47584					4318		4.32	4.73
47589					11668		11.67	12.47
47600	71	75	0.07	0.07				
46554					1578		1.58	1.64
46560					2710		2.71	2.88
46561					11214		11.21	11.99
46593					8236		8.24	9.13
46594					4556		4.56	4.29
47016					3290		3.29	3.02
47027					5214		5.21	5.08
47029					3768		3.77	3.84
SH41	1261		1.26					

Certified by Denis Chartre

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Assaying - Consulting - Representation

Assay Certificate

Certificate Number: 11-522

Company: **Queenston Mining Inc.**

Project: Lebel

Report Date: 02-Mar-11

Attn: Dan McCormack

We hereby certify the following Assay of 39 pulp samples submitted 10-Feb-11 by Dan McCormack

Sample Number	Au FA-AAS ppb	Au Chk FA-AAS ppb	Au FA-AAS g/Mt	Au Chk FA-AAS g/Mt	Au FA-GRAV ppb	Au Chk FA-GRAV ppb	Au FA-GRAV g/Mt	Au Chk FA-GRAV g/Mt
51795					4522		4.52	5.07
51798	48	46	0.05	0.05				
51810					4592		4.59	5.28
51772	750		0.75					
51773					23783		23.78	27.02
Blank Value	4		< 0.01					
SH41	1346		1.35					
51775	763		0.76					
51776					1953		1.95	1.64
51719	100		0.10					
51720	837		0.84					
51722	432		0.43					
51723	469		0.47					
51724					994		0.99	
51725	425	408	0.43	0.41				
51657					2021		2.02	2.06
51662	576		0.58					
51663	1021		1.02					1.27

Certified by Denis Chartre

Denis Chartre

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Assay Certificate

Certificate Number: 11-523

Company: **Queenston Mining Inc.**

Project: Lebel

Report Date: 02-Mar-11

Attn: Dan McCormack

We hereby certify the following Assay of 40 rejects samples submitted 10-Feb-11 by Dan McCormack

Sample Number	Au FA-AAS ppb	Au Chk FA-AAS ppb	Au FA-AAS g/Mt	Au Chk FA-AAS g/Mt	Au FA-GRAV ppb	Au Chk FA-GRAV ppb	Au FA-GRAV g/Mt	Au Chk FA-GRAV g/Mt
46799	1261		1.26					1.34
46763	1907		1.91					1.92
46765	1019		1.02					1.10
46743					2879		2.88	2.54
46745					3571		3.57	3.43
46746					21316		21.32	20.51
46801	177	168	0.18	0.17				
46803	2215		2.21					2.40
46804	1482		1.48					1.58
46805	1721		1.72					1.99
46808	248	226	0.25	0.23				
46810					2265		2.26	2.74
46830	960		0.96					
46835					5278		5.28	4.60
46841	699		0.70					
46846	707		0.71					
46569								
46873					4595		4.60	4.60
46880					2608		2.61	2.34
46882	300	289	0.30	0.29				
46883	811		0.81					
46894	619		0.62					
46895	198		0.20					
46657	359		0.36					
46659	720		0.72					

Certified by Denis Chartre

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Assay Certificate

Certificate Number: 11-523

Company: **Queenston Mining Inc.**

Project: Lebel

Report Date: 02-Mar-11

Attn: Dan McCormack

We hereby certify the following Assay of 40 rejects samples submitted 10-Feb-11 by Dan McCormack

Sample Number	Au FA-AAS ppb	Au Chk FA-AAS ppb	Au FA-AAS g/Mt	Au Chk FA-AAS g/Mt	Au FA-GRAV ppb	Au Chk FA-GRAV ppb	Au FA-GRAV g/Mt	Au Chk FA-GRAV g/Mt
46662					2949		2.95	3.09
46663					8362		8.36	7.75
Blank Value	< 2		< 0.01					
SH41	1358		1.36					
46678					5898		5.90	6.10
Blank Value	2		< 0.01					
SH41	1349		1.35					
46687	928		0.93					
46697					2745		2.75	2.81
46617					3772		3.77	4.32
46630	548		0.55					
46633					10837		10.84	9.62
46642	627		0.63					
46643	528		0.53					
46991	2095		2.09					2.40
46994					2334		2.33	2.20
46997					6859		6.86	7.89
52161					5971		5.97	6.72
51546	2213		2.21					2.36

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Assay Certificate

Certificate Number: 11-524

Company: **Queenston Mining Inc.**

Project: Lebel

Report Date: 04-Mar-11

Attn: Dan McCormack

We hereby certify the following Assay of 43 rejects samples submitted 10-Feb-11 by Dan McCormack

Sample Number		Au FA-AAS ppb	Au Chk FA-AAS ppb	Au FA-AAS g/Mt	Au Chk FA-AAS g/Mt	Au FA-GRAV ppb	Au FA-GRAV g/Mt	Au Chk FA-GRAV ppb	Au Chk FA-GRAV g/Mt
51548		1137		1.14					0.93
51551		248		0.25					
51509		801		0.80					
51526		1519		1.52					1.58
51530		826		0.83					
51599		609		0.61					
51601		774		0.77					
51604		400		0.40					
47574		1263		1.26					1.41
47575		924	914	0.92	0.91				
Blank Value		< 2		< 0.01					
47576						28307	28.31		28.67
47578		2175		2.17					2.23
47584						5141	5.14		5.01
47559	1								
47600		114	113	0.11	0.11				
46960						7893	7.89		7.96
46560						3365	3.37		3.37
46561						12740	12.74		12.70
46593	1								
46594	1								
47016						3155	3.16		3.29
47027						4602	4.60		5.48
47029						4461	4.46		4.38
51795						4876	4.88		4.87

Certified by Denis Chartre

1. listed not received

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Assaying - Consulting - Representation

Assay Certificate

Certificate Number: 11-524

Company: **Queenston Mining Inc.**

Project: Lebel

Attn: Dan McCormack

Report Date: 04-Mar-11

We hereby certify the following Assay of 43 rejects samples submitted 10-Feb-11 by Dan McCormack

Sample Number		Au FA-AAS ppb	Au Chk FA-AAS ppb	Au FA-AAS g/Mt	Au Chk FA-AAS g/Mt	Au FA-GRAV ppb	Au FA-GRAV g/Mt	Au Chk FA-GRAV ppb	Au Chk FA-GRAV g/Mt
46592	1								
51810						5628	5.63		6.11
51772		879		0.88					
Blank Value		8		< 0.01					
SH41		1379		1.38					
51773						7060	7.06		7.34
SH41		1324		1.32					
51775		1054		1.05					1.16
51776		1521		1.52					1.44
51719		93		0.09					
51720		853		0.85					
51722		458		0.46					
51723		551		0.55					
51724		1146		1.15					1.10
51725		401		0.40					
51657		1520		1.52					1.64
51662		628		0.63					
51663		1132		1.13					1.16
51716		112		0.11					
51717		8	10	< 0.01	< 0.01				
46664						770	0.77		
47589						12474	12.47		11.06

Certified by Denis Chartre

1. listed not received

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Assaying - Consulting - Representation

Assay Certificate

Certificate Number: 11-004

Company: **Queenston Mining Inc.**

Project: Bidgood Property

Report Date: 14-Jan-11

Attn: Dan McCormack

We hereby certify the following Assay of 1 pulp samples submitted 03-Jan-11 by Mike Sutton

Sample Number	Total Wt	+100 wt	Assay value Au +100	Assay value Au -100	Total weight Au +100	Total weight Au -100	Metallic Au	Metallic Au	Au total	Au total
	g	g	g/Mt	g/Mt	mg	mg	Toz/t	g/Mt	Toz/t	g/Mt
45401	1269.25	45.88	0.47	1.42	0.022	1.74	0.000	0.02	0.040	1.39

Certified by Denis Clutts

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Assay Certificate

Certificate Number: 11-009

Company: **Queenston Mining Inc.**

Project: LEBEL

Report Date: 13-Jan-11

Attn: Dan McCormack

We hereby certify the following Assay of 39 pulp samples submitted 03-Jan-11 by Dan McCormack

Sample Number	Au FA-AAS ppb	Au Chk FA-AAS ppb	Au FA-AAS g/Mt	Au Chk FA-AAS g/Mt	Au FA-GRAV ppb	Au Chk FA-GRAV ppb	Au FA-GRAV g/Mt	Au Chk FA-GRAV g/Mt
45468	785		0.78					
45561	662		0.66					
45582	461		0.46					
45680	1809		1.81					1.82
45613	203		0.20					
45615	79		0.08					
45642	879		0.88					
45644	377		0.38					
45645	609		0.61					
45721					5213		5.21	5.35
45733					1233		1.23	1.37
45745	370		0.37					
45774					2059		2.06	2.61
45777					2433		2.43	2.61
45778	377		0.38					
45808	861	931	0.86	0.93				
45820					5075		5.08	5.28
48521	2077		2.08					2.16
45822	3787		3.79					3.36
45823					5039		5.04	5.15
45827	4147		4.15					4.11
45831					26561		26.56	25.81
45833					5041		5.04	4.53
Blank Value	< 2		< 0.01					
45834					3432		3.43	3.16

Certified by Denis Chartre

Denis Chartre

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Assay Certificate

Certificate Number: 11-009

Company: **Queenston Mining Inc.**

Project: LEBEL

Report Date: 13-Jan-11

Attn: Dan McCormack

We hereby certify the following Assay of 39 pulp samples submitted 03-Jan-11 by Dan McCormack

Sample Number	Au FA-AAS ppb	Au Chk FA-AAS ppb	Au FA-AAS g/Mt	Au Chk FA-AAS g/Mt	Au FA-GRAV ppb	Au Chk FA-GRAV ppb	Au FA-GRAV g/Mt	Au Chk FA-GRAV g/Mt
45838	431		0.43					
45875	116	132	0.12	0.13				
45876	407		0.41					
45884	186		0.19					
Blank Value	< 2		< 0.01					
OxF65	758		0.76					
45904	1011		1.01					1.51
45905					4522		4.52	4.59
OxF65	764		0.76					
45910	487		0.49					
45913					8356		8.36	8.57
45971	394	319	0.39	0.32				
45977	333		0.33					
45978	1962		1.96					1.99
46007	1476		1.48					1.61
46027	2409		2.41					2.36
46066	119		0.12					
46067	507	519	0.51	0.52				

Certified by Denis Chartre

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Assay Certificate

Certificate Number: 11-011

Company: **Queenston Mining Inc.**

Project: LEBEL

Report Date: 10-Jan-11

Attn: Dan McCormack

We hereby certify the following Assay of 14 pulp samples submitted 03-Jan-11 by Dan McCormack

Sample Number	Au FA-AAS ppb	Au Chk FA-AAS ppb	Au FA-AAS g/Mt	Au Chk FA-AAS g/Mt	Au FA-GRAV ppb	Au Chk FA-GRAV ppb	Au FA-GRAV g/Mt	Au Chk FA-GRAV g/Mt
48880	260		0.26					
48892	542		0.54					
48904	136		0.14					
48958	71		0.07					
48623	1500		1.50					1.65
48624	219		0.22					
48705	2631		2.63					2.88
48716	1120		1.12					1.16
48722	3489		3.49					3.36
Blank Value	5		< 0.01					
OxF65	766		0.77					
48724					5142		5.14	5.69
48746	83		0.08					
48766	1046		1.05					1.54
48795	375		0.37					
48894	1							

Certified by Denis Chartre

1. listed not received

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Assay Certificate

Certificate Number: 11-014

Company: **Queenston Mining Inc.**

Project: LEBEL

Report Date: 07-Jan-11

Attn: Dan McCormack

We hereby certify the following Assay of 5 pulp samples submitted 03-Jan-11 by Dan McCormack

Sample Number	Au FA-AAS ppb	Au Chk FA-AAS ppb	Au FA-AAS g/Mt	Au Chk FA-AAS g/Mt	Au FA-GRAV ppb	Au Chk FA-GRAV ppb	Au FA-GRAV g/Mt	Au Chk FA-GRAV g/Mt
48992					4631		4.63	3.64
48994					3738		3.74	4.32
48698					5882		5.88	
48697	352		0.35			309		0.31
48700					1610		1.61	1.75

Certified by

Denis Chartre

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Assay Certificate

Certificate Number: 11-041

Company: **Queenston Mining Inc.**

Project: Lebel

Report Date: 11-Jan-11

Attn: Dan McCormack

We hereby certify the following Assay of 19 pulp samples submitted 05-Jan-11 by Dan McCormack

Sample Number	Au FA-AAS ppb	Au Chk FA-AAS ppb	Au FA-AAS g/Mt	Au Chk FA-AAS g/Mt	Au FA-GRAV ppb	Au Chk FA-GRAV ppb	Au FA-GRAV g/Mt	Au Chk FA-GRAV g/Mt
27560	597		0.60					
45190	856		0.86					
45345	316		0.32					
45348					2263		2.26	2.43
45353	103		0.10					
45359					2158		2.16	2.37
45370	761		0.76					
45382	333		0.33					
45390	728		0.73					
45393	377	405	0.38	0.40				
Blank Value	3		< 0.01					
OxF65	796		0.80					
45415	320		0.32					
45416					14325		14.32	13.02
45420					3974		3.97	4.59
45421	239		0.24					
45422					5755		5.76	5.55
45450	718		0.72					
45496	263		0.26					
48804	108		0.11					
49000					2467		2.47	2.47

Certified by Denis Chartre

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Assay Certificate

Certificate Number: 11-167

Company: **Queenston Mining Inc.**

Project: Lebel

Report Date: 18-Jan-11

Attn: Dan McCormack

We hereby certify the following Assay of 2 pulp samples submitted 12-Jan-11 by Dan McCormack

Sample Number	Au FA-AAS ppb	Au Chk FA-AAS ppb	Au FA-AAS g/Mt	Au Chk FA-AAS g/Mt	Au FA-GRAV ppb	Au Chk FA-GRAV ppb	Au FA-GRAV g/Mt	Au Chk FA-GRAV g/Mt
46298					3465		3.46	3.57
47635					4899		4.90	5.41
Blank Value	< 2		< 0.01					
OxF65	803		0.80					

Certified by Denis Chartre

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Assaying - Consulting - Representation

Assay Certificate

Certificate Number: 11-211

Company: **Queenston Mining Inc.**

Project: Bidgood Property

Report Date: 19-Jan-11

Attn: Mike Sutton

We hereby certify the following Assay of 2 rejects samples submitted 14-Jan-11 by Mike Sutton

Sample Number	Au FA-AAS ppb	Au Chk FA-AAS ppb	Au FA-AAS g/Mt	Au Chk FA-AAS g/Mt	Au FA-GRAV ppb	Au Chk FA-GRAV ppb	Au FA-GRAV g/Mt	Au Chk FA-GRAV g/Mt
48864 PULP	442	545	0.44	0.54				
48864 REJECT					28239	26200	28.24	26.20

Certified by Denis Chartre

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PolyMet Labs
A Division of Polymet Resources Ltd.

1 Presley St, P.O. Box 699, Cobalt, Ontario, Canada P0J 1C0
Tel: (705) 679-5500 • Fax: (705) 679-5519
Email: info@polymetinc.com Website: www.polymetinc.com

Certificate of Analysis

Vault Minerals Inc.

We certify that the assay results in the following Certificates are factual and true.

Certificate #'s 7492, 7493 & 7494.

Certified by: _____
Chief Assayer

Certified by: _____
President/Manager

Date: May 12, 2010

Disclaimer: The results included on this report relate only to the items tested. The Certificate of Analysis should not be reproduced except in full, without the written approval of the laboratory.

PolyMet Laboratories

Client: Vault Minerals Inc.
Job No. 0-155

CERTIFICATE # 7492

Date:
May 12 / 2010

Splits

Sample #	**Au Oz/ton**	**g/tonne**
25149	<.001	<.03
25150	<.001	<.03
25151	<.001	<.03
25152	<.001	<.03
25153	<.001	<.03
25154	<.001	<.03
25155	<.001	<.03
25156	<.001	<.03
25157	<.001	<.03
25158	<.001	<.03
25159	0.002	0.069
25160	Pend	
25161	0.002	0.069
25162	0.008	0.274
25163	0.006	0.206
25164	Pend	
25165	<.001	<.03
25166	<.001	<.03
25167	<.001	<.03
25168	Pend	
25169	Pend	
25170	Pend	
25171	0.016	0.549
25172	Pend	
25173	0.024	0.823
25174	Pend	

19 **Splits**
7 **Pend**

Std Oxl 63	0.176	6.034
Blank	<.001	<.03

Certified Assayer:



PolyMet Laboratories

Client: Vault Minerals Inc.

CERTIFICATE # 7493 Job No. 0-155

Date:
May 12 / 2010

Splits

Sample #	**Au Oz/ton**	**g/tonne**
25175	0.012	0.411
25176	0.016	0.549
25177	Pend	
25178	0.014	0.480
25179	0.018	0.617
25180	Pend	
25181	Pend	
25182	0.026	0.891
25183	0.024	0.823
25184	Pend	
25185	Pend	
25186	Pend	
25187	Pend	
25188	Pend	
25189	Pend	
25190	<.001	<.03
25191	Pend	
25192	0.004	0.137
25193	0.016	0.549
25194	0.002	0.069
25195	<.001	<.03
25196	<.001	<.03
25197	0.004	0.137

13 **Splits**
10 **Pend**

Std Oxl 63	0.176	6.034
Blank	<.001	<.03

Certified Assayer:



PolyMet Laboratories

Client: Vault Minerals Inc.

CERTIFICATE **# 7494**

Job No. 0-155

Date:
May 12 / 10

	Original		**Check**	
Sample #	**Au Oz/ton**	**g/tonne**	**Au Oz/ton**	**g/tonne**
25160	0.032	1.097	0.028	0.960
25164	0.036	1.234	0.032	1.097
25168	0.060	2.057	0.052	1.783
25169	0.036	1.234	0.044	1.509
25170	0.048	1.646	0.046	1.577
25172	0.106	3.634	0.110	3.771
25174	0.100	3.429	0.094	3.223
25177	0.032	1.097	0.028	0.960
25180	0.034	1.166	0.030	1.029
25181	0.046	1.577	0.034	1.166
25184	0.040	1.371	0.046	1.577
25185	0.034	1.166	0.032	1.097
25186	0.116	3.977	0.118	4.046
25187	0.066	2.263	0.070	2.400
25188	0.234	8.023	0.226	7.749
25189	0.246	8.434	0.244	8.366
25191	0.258	8.846	0.260	8.914

17 + 34

Certified Assayer:

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Email: info@polymetinc.com Website: www.polymetinc.com

Certificate of Analysis

Vault Minerals Inc.

We certify that the assay results in the following Certificates are factual and true.

Certificate #'s 7520, 7521, 7522, 7523, 7524, 7525 & 7526

Certified by: _____
Chief Assayer

Certified by: _____
Acting Manager

Date: May 18, 2010

Disclaimer: The results included on this report relate only to the items tested. The Certificate of Analysis should not be reproduced except in full, without the written approval of the laboratory.

PolyMet Laboratories

Client: Vault Minerals Inc.

CERTIFICATE # 7520 Job No. 0-155

Date:
May 18 / 2010

Splits

Sample #	**Au Oz/ton**	**g/tonne**
25198	0.006	0.206
25199	<.001	<.03
25200	0.024	0.823
25201	<.001	<.03
25202	<.001	<.03
25203	0.052	1.783
25204	<.001	<.03
25205	<.001	<.03
25206	0.018	0.617
25207	<.001	<.03
25208	0.006	0.206
25209	<.001	<.03
25210	<.001	<.03
25211	0.008	0.274

14 **Splits**

Std Oxl 63	0.172	5.897
Blank	<.001	<.03

Certified Assayer:

PolyMet Laboratories

Client: Vault Minerals Inc.

CERTIFICATE # 7521 Job No. 0-155

Date:
May 18 / 2010

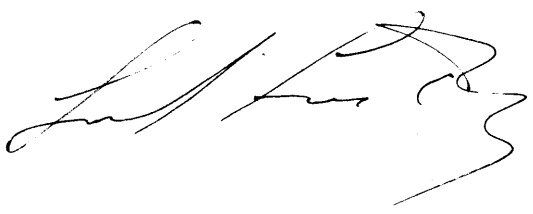
Splits

Sample #	**Au Oz/ton**	**g/tonne**
25212	Pend	
25213	0.008	0.274
25214	0.002	0.069
25215	0.018	0.617
25216	0.012	0.411
25217	<.001	<.03
25218	<.001	<.03
25219	0.028	0.960
25220	Pend	
25221	<.001	<.03
25222	0.008	0.274
25223	0.052	1.783
25224	0.004	0.137
25225	0.010	0.343
25226	<.001	<.03
25227	0.006	0.206
25228	Pend	
25229	Pend	
25230	Pend	
25231	Pend	
25232	0.018	0.617

15 **Splits**
6 **Pend**

Std Oxl 63	0.176	6.034
Blank	<.001	<.03

Certified Assayer:



PolyMet Laboratories

Client: Vault Minerals Inc.

CERTIFICATE # 7522 Job No. 0-155

Date:
May 18 / 2010

Splits

Sample #	**Au Oz/ton**	**g/tonne**
25233	<.001	<.03
25234	Pend	
25235	0.008	0.274
25236	0.004	0.137
25237	0.008	0.274
25238	<.001	<.03
25239	Pend	
25240	Pend	
25241	Pend	
25242	Pend	
25243	0.002	0.069
25244	Pend	
25245	<.001	<.03
25246	<.001	<.03
25247	<.001	<.03
25248	Pend	
25249	Pend	
25250	0.008	0.274
25251	0.024	0.823
25252	<.001	<.03
25253	0.002	0.069
25254	Pend	

13 **Splits**
9 **Pend**

Std Oxl 63	0.176	6.034
Blank	<.001	<.03

Certified Assayer:

PolyMet Laboratories

Client: Vault Minerals Inc.
Job No. 0-155

CERTIFICATE # 7523

Date:
May 18 / 2010

Splits

Sample #	**Au Oz/ton**	**g/tonne**
25255	<.001	<.03
25256	<.001	<.03
25257	Pend	
25258	<.001	<.03
25259	0.018	0.617
25260	<.001	<.03
25261	0.014	0.480
25262	<.001	<.03
25263	0.018	0.617
25264	<.001	<.03
25265	0.014	0.480
25266	<.001	<.03
25267	0.016	0.549
25268	0.022	0.754
25269	0.004	0.137
25270	0.014	0.480
25271	<.001	<.03
25272	<.001	<.03
25273	<.001	<.03
25274	<.001	<.03
25275	<.001	<.03

20 **Splits**
1 **Pend**

Std Oxl 63	0.178	6.103
Blank	<.001	<.03

Certified Assayer:

PolyMet Laboratories

Client: Vault Minerals Inc.
Job No. 0-155

CERTIFICATE # 7524

Date:
May 18 / 2010

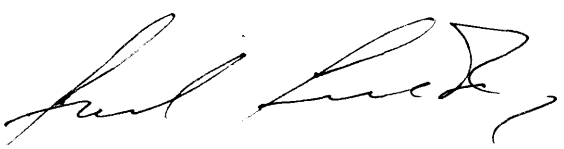
Splits

Sample #	**Au Oz/ton**	**g/tonne**
25276	<.001	<.03
25277	0.006	0.206
25278	<.001	<.03
25279	<.001	<.03
25280	<.001	<.03
25281	<.001	<.03
25282	<.001	<.03
25283	0.012	0.411
25284	<.001	<.03
25285	<.001	<.03
25286	<.001	<.03
25287	<.001	<.03
25288	<.001	<.03
25289	0.026	0.891
25290	Pend	
25291	0.026	0.891
25292	0.014	0.480
25293	0.016	0.549
25294	Pend	
25295	<.001	<.03
25296	0.012	0.411
25297	Pend	

19 **Splits**
3 **Pend**

Std Oxl 63	0.178	6.103
Blank	<.001	<.03

Certified Assayer:



PolyMet Laboratories

Client: Vault Minerals Inc.

CERTIFICATE # 7525 Job No. 0-155

Date:
May 18 / 2010

Splits

Sample #	**Au Oz/ton**	**g/tonne**
25298	0.012	0.411
25299	<.001	<.03
25300	0.020	0.686
25301	Pend	
25302	<.001	<.03
25303	Pend	
25304	Pend	
25305	0.054	1.851
25306	<.001	<.03
25307	0.002	0.069

7 **Splits**
3 **Pend**

Std Oxl 63	0.176	6.034
Blank	<.001	<.03

Certified Assayer:

PolyMet Laboratories

Client: Vault Minerals Inc.

CERTIFICATE **# 7526** Job No. 0-155

Date: May 18 / 10

	Original		Check	
Sample #	**Au Oz/ton**	**g/tonne**	**Au Oz/ton**	**g/tonne**
25212	0.132	4.526	0.130	4.457
25220	0.330	11.314	0.366	12.549
25228	0.088	3.017	0.092	3.154
25229	0.156	5.349	0.158	5.417
25230	0.074	2.537	0.074	2.537
25231	0.036	1.234	0.042	1.440
25234	0.032	1.097	0.038	1.303
25239	0.104	3.566	0.120	4.114
25240	0.156	5.349	0.172	5.897
25241	0.202	6.926	0.184	6.309
25242	0.036	1.234	0.048	1.646
25244	0.114	3.909	0.094	3.223
25248	0.430	14.743	0.420	14.400
25249	0.056	1.920	0.058	1.989
25254	0.088	3.017	0.086	2.949
25257	0.048	1.646	0.048	1.646
25290	0.042	1.440	0.040	1.371
25294	0.030	1.029	0.034	1.166
25301	0.038	1.303	0.034	1.166
25303	0.092	3.154	0.096	3.291
25304	0.034	1.166	0.040	1.371

21 + 42

Certified Assayer:

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Email: info@polymetinc.com Website: www.polymetinc.com

Certificate of Analysis

Vault Minerals Inc.

We certify that the assay results in the following Certificates are factual and true.

Certificate #'s 7537, 7538, 7539, 7540, 7541, 7568, 7569, 7570, 7571, 7572, 7573 & 7574

Certified by: _____
Chief Assayer

Certified by: _____
President/Manager

Date: May 27, 2010

Disclaimer: The results included on this report relate only to the items tested. The Certificate of Analysis should not be reproduced except in full, without the written approval of the laboratory.

PolyMet Laboratories

Client: Vault Minerals Inc.

CERTIFICATE # 7537 Job No. 0-155

Date:
May 19 / 2010

Splits

Sample #	**Au Oz/ton**	**g/tonne**
25308	Pend	
25309	0.028	0.960
25310	Pend	
25311	<.001	<.03
25312	Pend	
25313	Pend	
25314	0.026	0.891
25315	Pend	
25316	Pend	
25317	Pend	
25318	Pend	
25319	0.026	0.891
25320	Pend	
25321	Pend	
25322	Pend	
25323	Pend	
25324	Pend	
25325	Pend	
25326	Pend	
25327	<.001	<.03
25328	Pend	
25329	0.024	0.823
25330	0.028	0.960
25331	Pend	
25332	0.002	0.069

8 **Splits**
17 **Pend**

Std Oxl 63	0.176	6.034
Blank	<.001	<.03

Certified Assayer:



PolyMet Laboratories

Client: Vault Minerals Inc.

CERTIFICATE # 7538 Job No. 0-155

Date:
May 19 / 2010

Splits

Sample #	**Au Oz/ton**	**g/tonne**
25333	Pend	
25334	Pend	
25335	0.010	0.343
25336	Pend	
25337	<.001	<.03
25338	Pend	
25339	Pend	
25340	0.004	0.137
25341	<.001	<.03
25342	<.001	<.03
25343	<.001	<.03
25344	Pend	
25345	Pend	
25346	<.001	<.03
25347	<.001	<.03
25348	<.001	<.03
25349	Pend	
25350	Pend	
25351	0.004	0.137
25352	0.014	0.480
25353	0.004	0.137
25354	<.001	<.03
25355	0.002	0.069
25356	0.006	0.206
25357	0.020	0.686
25358	0.002	0.069

17 **Splits**
9 **Pend**

Std Oxl 63	0.176	6.034
Blank	<.001	<.03

Certified Assayer:

PolyMet Laboratories

Client: Vault Minerals Inc.

CERTIFICATE # 7539

Job No. 0-155

Date:
May 19 / 2010

Splits

Sample #	**Au Oz/ton**	**g/tonne**
25359	0.002	0.069
25360	<.001	<.03
25361	<.001	<.03
25362	<.001	<.03
25363	<.001	<.03
25364	0.048	1.646
25365	<.001	<.03
25366	<.001	<.03
25367	<.001	<.03
25368	<.001	<.03

10 **Splits**

Std Oxl 63	0.176	6.034
Blank	<.001	<.03

Certified Assayer:

PolyMet Laboratories

Client: Vault Minerals Inc.

CERTIFICATE **# 7540**

Job No. 0-155

Date:
May 19 / 10

	Original		Check	
Sample #	**Au Oz/ton**	**g/tonne**	**Au Oz/ton**	**g/tonne**
25308	0.040	1.371	0.036	1.234
25310	0.296	10.149	0.306	10.492
25312	0.036	1.234	0.032	1.097
25313	0.100	3.429	0.084	2.880
25315	0.032	1.097	0.038	1.303
25316	0.082	2.811	0.078	2.674
25317	0.148	5.074	0.160	5.486
25318	0.084	2.880	0.086	2.949
25320	0.050	1.714	0.046	1.577
25321	0.052	1.783	0.058	1.989
25322	0.168	5.760	0.200	6.857
25323	0.240	8.229	0.236	8.091
25324	0.116	3.977	0.106	3.634
25325	0.200	6.857	0.188	6.446
25326	0.178	6.103	0.172	5.897
25328	0.062	2.126	0.068	2.331
25331	0.062	2.126	0.070	2.400
25333	0.058	1.989	0.068	2.331
25334	0.212	7.269	0.220	7.543
25336	0.276	9.463	0.284	9.737
25338	0.076	2.606	0.084	2.880
25339	0.054	1.851	0.056	1.920
25344	0.062	2.126	0.054	1.851
25345	0.056	1.920	0.064	2.194
25349	0.112	3.840	0.102	3.497
25350	0.248	8.503	0.198	6.789

26 + 52

Certified Assayer:

PolyMet Laboratories

		Client:	Vault Minerals Inc.
CERTIFICATE	**# 7541**	Job No.	0-155

Date:
May 20 / 10

	Original		**Check**	
Sample #	**Au Oz/ton**	**g/tonne**	**Au Oz/ton**	**g/tonne**
25297	0.062	2.126	0.066	2.263

1 + 2

Certified Assayer:

PolyMet Laboratories

Client: Vault Minerals Inc.

CERTIFICATE # 7568 Job No. 0-155

Date:
May 27 / 2010

Splits

Sample #	**Au Oz/ton**	**g/tonne**
25369	<.001	<.03
25370	0.002	0.069
25371	<.001	<.03
25372	<.001	<.03
25373	Pend	
25374	<.001	<.03
25375	0.018	0.617
25376	0.028	0.960
25377	Pend	
25378	0.028	0.960
25379	0.016	0.549
25380	0.018	0.617
25381	0.024	0.823
25382	0.028	0.960
25383	<.001	<.03
25384	0.006	0.206
25385	<.001	<.03
25386	Pend	
25387	0.016	0.549
25388	Pend	
25389	<.001	<.03
25390	<.001	<.03

18 **Splits**
4 **Pend**

Std Oxl 63	0.172	5.897
Blank	<.001	<.03

Certified Assayer:

PolyMet Laboratories

Client: Vault Minerals Inc.

CERTIFICATE # 7569 Job No. 0-155

Date:
May 27 / 2010

Splits

Sample #	**Au Oz/ton**	**g/tonne**
25391	0.012	0.411
25392	Pend	
25393	0.006	0.206
25394	0.006	0.206
25395	Pend	
25396	Pend	
25397	<.001	<.03
25398	0.046	1.577
25399	<.001	<.03
25400	<.001	<.03
25401	<.001	<.03
25402	0.016	0.549
25403	0.020	0.686
25404	0.012	0.411
25405	<.001	<.03
25406	<.001	<.03
25407	<.001	<.03
25408	<.001	<.03
25409	0.008	0.274
25410	0.016	0.549
25411	Pend	
25412	<.001	<.03

18 **Splits**
4 **Pend**

Std Oxl 63	0.174	5.966
Blank	<.001	<.03

Certified Assayer:

PolyMet Laboratories

Client: Vault Minerals Inc.

CERTIFICATE # 7570 Job No. 0-155

Date:
May 27 / 2010

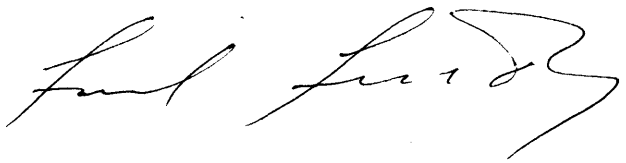
Splits

Sample #	**Au Oz/ton**	**g/tonne**
25413	0.018	0.617
25414	Pend	
25415	<.001	<.03
25416	<.001	<.03
25417	Pend	
25418	0.048	1.646
25419	<.001	<.03
25420	<.001	<.03
25421	<.001	<.03
25422	<.001	<.03
25423	<.001	<.03
25424	0.024	0.823
25425	Pend	
25426	<.001	<.03
25427	<.001	<.03
25428	0.006	0.206
25429	0.016	0.549
25430	0.028	0.960
25431	0.016	0.549
25432	0.012	0.411
25433	<.001	<.03

18 **Splits**
3 **Pend**

Std Oxl 63	0.174	5.966
Blank	<.001	<.03

Certified Assayer:



PolyMet Laboratories

Client: Vault Minerals Inc.

CERTIFICATE # 7571 Job No. 0-155

Date:
May 27 / 2010

Splits

Sample #	**Au Oz/ton**	**g/tonne**
25434	0.050	1.714
25435	0.012	0.411
25436	0.006	0.206
25437	Pend	
25438	Pend	
25439	Pend	
25440	Pend	
25441	0.002	0.069
25442	<.001	<.03
25443	0.002	0.069
25444	0.008	0.274
25445	Pend	
25446	<.001	<.03
25447	0.012	0.411
25448	0.024	0.823
25449	Pend	
25450	<.001	<.03
25451	0.052	1.783
25452	Pend	
25453	0.010	0.343
25454	<.001	<.03
25455	0.026	0.891

15 **Splits**
7 **Pend**

Std Oxl 63	0.174	5.966
Blank	<.001	<.03

Certified Assayer:

PolyMet Laboratories

Client: Vault Minerals Inc.

CERTIFICATE # 7572 Job No. 0-155

Date:
May 27 / 2010

Splits

Sample #	**Au Oz/ton**	**g/tonne**
25456	<.001	<.03
25457	0.006	0.206
25458	<.001	<.03
25459	<.001	<.03
25460	Pend	
25461	<.001	<.03
25462	0.008	0.274
25463	<.001	<.03
25464	<.001	<.03
25465	Pend	
25466	0.028	0.960
25467	0.018	0.617
25468	Pend	
25469	Pend	
25470	0.052	1.783
25471	Pend	
25472	0.006	0.206
25473	Pend	
25474	Pend	
25475	Pend	
25476	0.002	0.069
25477	<.001	<.03

14 **Splits**
8 **Pend**

Std Oxl 63	0.174	5.966
Blank	<.001	<.03

Certified Assayer:

PolyMet Laboratories

Client: Vault Minerals Inc.

CERTIFICATE # 7573 Job No. 0-155

Date: May 27 / 2010

Splits

Sample #	**Au Oz/ton**	**g/tonne**
25478	<.001	<.03
25479	0.010	0.343
25480	Pend	
25481	<.001	<.03
25482	<.001	<.03
25483	0.008	0.274
25484	0.026	0.891
25485	<.001	<.03
25486	0.012	0.411
25487	0.008	0.274
25488	0.006	0.206
25489	0.012	0.411
25490	0.012	0.411
25491	0.026	0.891
25492	0.022	0.754
25493	0.024	0.823
25494	Pend	
25495	0.010	0.343
25496	<.001	<.03
25497	0.006	0.206
25498	<.001	<.03
33491	<.001	<.03
33492	<.001	<.03

2 Rock
19 **Splits**
2 **Pend**

Std Oxl 63	0.176	6.034
Blank	<.001	<.03

Certified Assayer:

PolyMet Laboratories

Client: Vault Minerals Inc.

CERTIFICATE **# 7574**

Job No. 0-155

Date:
May 27 / 10

	Original		**Check**	
Sample #	**Au Oz/ton**	**g/tonne**	**Au Oz/ton**	**g/tonne**
25373	0.038	1.303	0.044	1.509
25377	0.042	1.440	0.066	2.263
25386	0.092	3.154	0.082	2.811
25388	0.040	1.371	0.044	1.509
25392	0.060	2.057	0.066	2.263
25395	0.048	1.646	0.044	1.509
25396	0.052	1.783	0.052	1.783
25411	0.126	4.320	0.142	4.869
25414	0.042	1.440	0.046	1.577
25417	0.052	1.783	0.050	1.714
25425	0.030	1.029	0.034	1.166
25437	0.054	1.851	0.058	1.989
25438	0.060	2.057	0.046	1.577
25439	0.032	1.097	0.032	1.097
25440	0.040	1.371	0.036	1.234
25445	0.121	4.149	0.122	4.183
25449	0.030	1.029	0.030	1.029
25452	0.064	2.194	0.070	2.400
25460	0.064	2.194	0.050	1.714
25465	0.038	1.303	0.036	1.234
25468	0.058	1.989	0.054	1.851
25469	0.062	2.126	0.062	2.126
25471	0.090	3.086	0.096	3.291
25473	0.140	4.800	0.136	4.663
25474	0.164	5.623	0.154	5.280
25475	0.214	7.337	0.166	5.691
25480	0.074	2.537	0.094	3.223
25494	0.036	1.234	0.038	1.303

28 + 56

Certified Assayer:

PolyMet Labs
A Division of Polymet Resources Ltd.

1 Presley St, P.O. Box 699, Cobalt, Ontario, Canada P0J 1C0
Tel: (705) 679-5500 • Fax: (705) 679-5519
Email: info@polymetinc.com Website: www.polymetinc.com

Certificate of Analysis

Vault Minerals Inc.

We certify that the assay results in the following Certificates are factual and true.

Certificate #'s 7600, 7601, 7602 & 7603

Certified by: _____
Chief Assayer

Certified by: _____
President/Manager

Date: June 1, 2010

Disclaimer: The results included on this report relate only to the items tested. The Certificate of Analysis should not be reproduced except in full, without the written approval of the laboratory.

PolyMet Laboratories

Client: Vault Minerals Inc.

CERTIFICATE # 7600 Job No. 0-155

Date:
June 1 / 2010

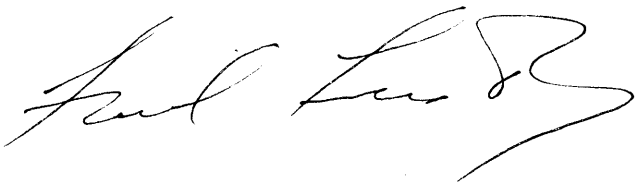
Splits

Sample #	**Au Oz/ton**	**g/tonne**
25548	0.004	0.137
25549	<.001	<.03
25550	<.001	<.03
25551	<.001	<.03
25552	<.001	<.03
25553	Pend	
25554	0.006	0.206
25555	<.001	<.03
25556	<.001	<.03
25557	Pend	
25558	<.001	<.03
25559	<.001	<.03
25560	0.002	0.069
25561	0.028	0.960
25562	<.001	<.03
25563	<.001	<.03
25564	<.001	<.03
25565	<.001	<.03
25566	Pend	
25567	<.001	<.03
25568	0.002	0.069
25569	0.008	0.274
25570	<.001	<.03
25571	<.001	<.03
25572	0.006	0.206
25573	<.001	<.03
25574	<.001	<.03

24 **Splits**
3 **Pend**

Std Oxl 63	0.176	6.034
Blank	<.001	<.03

Certified Assayer:



PolyMet Laboratories

Client: Vault Minerals Inc.

CERTIFICATE # 7601 Job No. 0-155

Date:
June 1 / 2010

Splits

Sample #	**Au Oz/ton**	**g/tonne**
25575	<.001	<.03
25576	0.048	1.646
25577	<.001	<.03
25578	<.001	<.03
25579	<.001	<.03
25580	<.001	<.03
25581	0.004	0.137
25582	0.010	0.343
25583	Pend	
25584	0.010	0.343
25585	0.014	0.480
25586	Pend	
25587	Pend	
25588	Pend	
25589	Pend	
25590	Pend	
25591	Pend	
25592	<.001	<.03
25593	0.008	0.274
25594	0.016	0.549
25595	<.001	<.03

14 **Splits**
7 **Pend**

Std Oxl 63	0.176	6.034
Blank	<.001	<.03

Certified Assayer:

PolyMet Laboratories

Client: Vault Minerals Inc.

CERTIFICATE # 7602

Job No. 0-155

Date:
June 1 / 2010

Splits

Sample #	**Au Oz/ton**	**g/tonne**
25596	0.016	0.549
25597	<.001	<.03
25598	<.001	<.03
25599	<.001	<.03
25600	0.048	1.646
25601	Pend	
25602	0.006	0.206
25603	0.006	0.206
25604	0.014	0.480
25605	0.002	0.069
25606	0.004	0.137
25607	0.016	0.549
25608	0.024	0.823
25609	<.001	<.03
25610	0.004	0.137

14 **Splits**
1 **Pend**

Std Oxl 63	0.176	6.034
Blank	<.001	<.03

Certified Assayer:



PolyMet Laboratories

Client: Vault Minerals Inc.

CERTIFICATE **# 7603**

Job No. 0-155

Date:
June 1 / 10

	Original		Check	
Sample #	**Au Oz/ton**	**g/tonne**	**Au Oz/ton**	**g/tonne**
25553	0.084	2.880	0.100	3.429
25557	0.064	2.194	0.096	3.291
25566	0.146	5.006	0.238	8.160
25583	0.056	1.920	0.062	2.126
25586	0.048	1.646	0.068	2.331
25587	0.156	5.349	0.150	5.143
25588	0.570	19.543	0.496	17.006
25589	1.088	37.303	0.858	29.417
25590	0.122	4.183	0.124	4.251
25591	0.204	6.994	0.218	7.474
25601	3.062	104.984	3.956	135.635

11 + 22

Certified Assayer:

PolyMet Labs
A Division of Polymet Resources Ltd.

1 Presley St, P.O. Box 699, Cobalt, Ontario, Canada P0J 1C0
Tel: (705) 679-5500 • Fax: (705) 679-5519
Email: info@polymetinc.com Website: www.polymetinc.com

Certificate of Analysis

Vault Minerals Inc.

We certify that the assay results in the following Certificates are factual and true.

Certificate #'s 7629, 7630, 7631, 7632, 7633, 7634, 7635 & 7636

Certified by: _____
Chief Assayer

Certified by: _____
President/Manager

Date: June 4, 2010

Disclaimer: The results included on this report relate only to the items tested. The Certificate of Analysis should not be reproduced except in full, without the written approval of the laboratory.

PolyMet Laboratories

Client: Vault Minerals Inc.
Job No. 0-155

CERTIFICATE # 7629

Date:
June 4 / 2010

Splits

Sample #	**Au Oz/ton**	**g/tonne**
25611	<.001	<.03
25612	0.006	0.206
25613	<.001	<.03
25614	<.001	<.03
25615	<.001	<.03
25616	<.001	<.03
25617	0.014	0.480
25618	0.018	0.617
25619	<.001	<.03
25620	<.001	<.03
25621	<.001	<.03
25622	<.001	<.03
25623	<.001	<.03
25624	0.010	0.343
25625	<.001	<.03
25626	<.001	<.03
25627	0.010	0.343
25628	0.048	1.646
25629	<.001	<.03
25630	<.001	<.03
25631	<.001	<.03
25632	<.001	<.03

22 Splits

Std Oxl 63	0.176	6.034
Blank	<.001	<.03

Certified Assayer:

PolyMet Laboratories

Client: Vault Minerals Inc.
Job No. 0-155

CERTIFICATE # 7630

Date:
June 4 / 2010

Splits

Sample #	**Au Oz/ton**	**g/tonne**
25633	<.001	<.03
25634	<.001	<.03
25635	<.001	<.03
25636	<.001	<.03
25637	<.001	<.03
25638	<.001	<.03
25639	0.010	0.343
25640	<.001	<.03
25641	0.026	0.891
25642	<.001	<.03
25643	<.001	<.03
25644	<.001	<.03
25645	<.001	<.03
25646	<.001	<.03
25647	<.001	<.03
25648	0.056	1.920
25649	<.001	<.03
25650	<.001	<.03
25651	<.001	<.03
25652	0.002	0.069
25653	0.008	0.274
25654	<.001	<.03

22 **Splits**

Std Oxl 63	0.176	6.034
Blank	<.001	<.03

Certified Assayer:

PolyMet Laboratories

Client: Vault Minerals Inc.

CERTIFICATE # 7631 Job No. 0-155

Date:
June 4 / 2010

Splits

Sample #	**Au Oz/ton**	**g/tonne**
25655	<.001	<.03
25656	<.001	<.03
25657	<.001	<.03
25658	0.002	0.069
25659	<.001	<.03
25660	0.026	0.891
25661	0.002	0.069
25662	<.001	<.03
25663	0.024	0.823
25664	0.004	0.137
25665	0.012	0.411
25666	<.001	<.03
25667	<.001	<.03
25668	0.004	0.137
25669	0.024	0.823
25670	<.001	<.03
25671	0.026	0.891
25672	<.001	<.03
25673	0.022	0.754
25674	<.001	<.03
25675	0.014	0.480

21 **Splits**

Std Oxl 63	0.176	6.034
Blank	<.001	<.03

Certified Assayer:

PolyMet Laboratories

Client: Vault Minerals Inc.

CERTIFICATE # 7632 Job No. 0-155

Date:
June 4 / 2010

Splits

Sample #	**Au Oz/ton**	**g/tonne**
25676	Pend	
25677	<.001	<.03
25678	Pend	
25679	Pend	
25680	Pend	
25681	Pend	
25682	0.020	0.686
25683	Pend	
25684	0.018	0.617
25685	0.012	0.411
25686	Pend	
25687	<.001	<.03
25688	Pend	
25689	Pend	
25690	Pend	
25691	Pend	
25692	Pend	
25693	Pend	
25694	0.028	0.960
25695	0.052	1.783
25696	Pend	
25697	Pend	

7 **Splits**
15 **Pend**

Std Oxl 63	0.176	6.034
Blank	<.001	<.03

Certified Assayer:

PolyMet Laboratories

Client: Vault Minerals Inc.

CERTIFICATE **# 7633**

Job No. 0-155

Date:
June 4 / 10

	Original		Check	
Sample #	**Au Oz/ton**	**g/tonne**	**Au Oz/ton**	**g/tonne**
25676	0.060	2.057	0.052	1.783
25678	0.040	1.371	0.042	1.440
25679	0.080	2.743	0.076	2.606
25680	0.104	3.566	0.098	3.360
25681	0.110	3.771	0.108	3.703
25683	0.044	1.509	0.040	1.371
25686	0.110	3.771	0.110	3.771
25688	0.100	3.429	0.108	3.703
25689	0.050	1.714	0.050	1.714
25690	0.230	7.886	0.216	7.406
25691	0.106	3.634	0.122	4.183
25692	0.114	3.909	0.128	4.389
25693	0.076	2.606	0.084	2.880
25696	0.040	1.371	0.040	1.371
25697	0.086	2.949	0.090	3.086

15 + 30

Certified Assayer: 

PolyMet Laboratories

Client: Vault Minerals Inc.
Job No. 0-155

CERTIFICATE # 7634

Date:
June 4 / 2010

Splits

Sample #	**Au Oz/ton**	**g/tonne**
25698	<.001	<.03
25699	Pend	
25700	0.016	0.549
25701	0.006	0.206
25702	0.004	0.137
25703	0.004	0.137
25704	0.014	0.480
25705	Pend	
25706	0.004	0.137
25707	0.002	0.069
25708	0.010	0.343
25709	0.006	0.206
25710	0.006	0.206
25711	0.008	0.274
25712	0.016	0.549
25713	0.010	0.343
25714	0.008	0.274
25715	<.001	<.03
25716	0.018	0.617
25717	<.001	<.03
25718	0.002	0.069
25719	0.006	0.206

20 **Splits**
2 **Pend**

Std Oxl 63	0.174	5.966
Blank	<.001	<.03

Certified Assayer:

PolyMet Laboratories

Client: Vault Minerals Inc.
Job No. 0-155

CERTIFICATE # 7635

Date:
June 4 / 2010

Splits

Sample #	**Au Oz/ton**	**g/tonne**
25720	Pend	
25721	Pend	
25722	0.052	1.783
25723	<.001	<.03
25724	Pend	
25725	0.012	0.411
25726	Pend	
25727	<.001	<.03
25728	0.022	0.754
25729	0.026	0.891
25730	0.016	0.549
25731	0.024	0.823
25732	Pend	
25733	Pend	
25734	0.020	0.686
25735	0.020	0.686
25736	<.001	<.03
25737	<.001	<.03
25738	<.001	<.03
25739	0.002	0.069

Std Oxl 63	0.174	5.966
Blank	<.001	<.03

14 **Splits**
6 **Pend**

Certified Assayer:

PolyMet Laboratories

Client: Vault Minerals Inc.
Job No. 0-155

CERTIFICATE **# 7636**

Date:
June 4 / 10

Sample #	Original Au Oz/ton	Original g/tonne	Check Au Oz/ton	Check g/tonne
25699	0.100	3.429	0.088	3.017
25705	0.036	1.234	0.036	1.234
25720	0.032	1.097	0.028	0.960
25721	0.030	1.029	0.024	0.823
25724	0.036	1.234	0.036	1.234
25726	0.050	1.714	0.044	1.509
25732	0.034	1.166	0.034	1.166
25733	0.090	3.086	0.088	3.017

8 + 16

Certified Assayer:

PolyMet Labs
A Division of Polymet Resources Ltd.

1 Presley St, P.O. Box 699, Cobalt, Ontario, Canada P0J 1C0
Tel: (705) 679-5500 • Fax: (705) 679-5519
Email: info@polymetinc.com Website: www.polymetinc.com

Certificate of Analysis

Vault Minerals Inc.

We certify that the assay results in the following Certificates are factual and true.

Certificate #'s 7658, 7659, 7660, 7661, 7674, 7675, 7676, 7677 & 7678

Certified by: _____
Chief Assayer

Certified by: _____
President/Manager

Date: June 10, 2010

Disclaimer: The results included on this report relate only to the items tested. The Certificate of Analysis should not be reproduced except in full, without the written approval of the laboratory.

PolyMet Laboratories

Client: Vault Minerals Inc.

CERTIFICATE # 7658 Job No. 0-155

Date:
June 9 / 2010

Splits

Sample #	**Au Oz/ton**	**g/tonne**
25822	<.001	<.03
25823	0.028	0.960
25824	<.001	<.03
25825	0.002	0.069
25826	0.002	0.069
25827	Pend	
25828	<.001	<.03
25829	<.001	<.03
25830	0.010	0.343
25831	Pend	
25832	<.001	<.03
25833	0.006	0.206
25834	<.001	<.03
25835	<.001	<.03
25836	<.001	<.03

13 **Splits**
2 **Pend**

Std Oxl 63	0.174	5.966
Blank	<.001	<.03

Certified Assayer:

PolyMet Laboratories

Client: Vault Minerals Inc.
Job No. 0-155

CERTIFICATE # 7659

Date:
June 9 / 2010

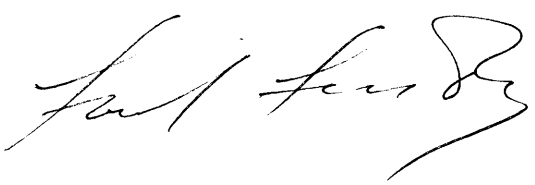
Splits

Sample #	**Au Oz/ton**	**g/tonne**
25837	<.001	<.03
25838	<.001	<.03
25839	0.002	0.069
25840	0.012	0.411
25841	0.002	0.069
25842	<.001	<.03
25843	Pend	
25844	0.006	0.206
25845	0.004	0.137
25846	0.010	0.343
25847	<.001	<.03
25848	<.001	<.03
25849	<.001	<.03
25850	<.001	<.03
25851	<.001	<.03
25852	0.022	0.754
25853	<.001	<.03
25854	<.001	<.03
25855	0.006	0.206
25856	<.001	<.03
25857	<.001	<.03

20 **Splits**
1 **Pend**

Std Oxl 63	0.172	5.897
Blank	<.001	<.03

Certified Assayer:



PolyMet Laboratories

Client: Vault Minerals Inc.

CERTIFICATE # 7660 Job No. 0-155

Date:
June 9 / 2010

Splits

Sample #	**Au Oz/ton**	**g/tonne**
25858	<.001	<.03
25859	<.001	<.03
25860	<.001	<.03
25861	<.001	<.03
25862	<.001	<.03
25863	<.001	<.03
25864	0.006	0.206
25865	<.001	<.03
25866	<.001	<.03
25867	<.001	<.03
25868	0.016	0.549
25869	<.001	<.03
25870	0.018	0.617
25871	0.008	0.274
25872	0.002	0.069
25873	Pend	
25874	Pend	
25875	Pend	
25876	Pend	
25877	Pend	
25878	0.014	0.480
25879	Pend	
25880	Pend	
25881	0.014	0.480
25882	Pend	
25883	0.014	0.480

18 **Splits**
8 **Pend**

Std Oxl 63	0.172	5.897
Blank	<.001	<.03

Certified Assayer:

PolyMet Laboratories

Client: Vault Minerals Inc.

CERTIFICATE **# 7661** Job No. 0-155

Date:
June 9 / 10

	Original		Check	
Sample #	**Au Oz/ton**	**g/tonne**	**Au Oz/ton**	**g/tonne**
25827	0.278	9.532	0.440	15.086
25831	0.054	1.851	0.054	1.851
25843	0.030	1.029	0.030	1.029
25873	0.096	3.291	0.098	3.360
25874	0.036	1.234	0.034	1.166
25875	0.042	1.440	0.040	1.371
25876	0.032	1.097	0.032	1.097
25877	0.074	2.537	0.074	2.537
25879	0.048	1.646	0.052	1.783
25880	0.044	1.509	0.040	1.371
25882	0.052	1.783	0.046	1.577

11 + 22

Certified Assayer:

PolyMet Laboratories

Client: Vault Minerals Inc.

CERTIFICATE # 7674 Job No. 0-155

Date:
June 10 / 2010

Splits

Sample #	**Au Oz/ton**	**g/tonne**
33493	<.001	<.03
33494	<.001	<.03
25884	0.010	0.343
25885	<.001	<.03
25886	0.012	0.411
25887	0.002	0.069
25888	0.022	0.754
25889	0.010	0.343
25890	0.020	0.686
25891	0.028	0.960
25892	0.010	0.343
25893	0.022	0.754
25894	0.008	0.274
25895	0.008	0.274
25896	<.001	<.03
25897	<.001	<.03
25898	0.054	1.851
25899	<.001	<.03
25900	<.001	<.03
25901	<.001	<.03
25902	<.001	<.03
25903	<.001	<.03

22 **Splits**

Std Oxl 63	0.176	6.034
Blank	<.001	<.03

Certified Assayer:

PolyMet Laboratories

Client: Vault Minerals Inc.

CERTIFICATE # 7675 Job No. 0-155

Date:
June 10 / 2010

Splits

Sample #	**Au Oz/ton**	**g/tonne**
25904	<.001	<.03
25905	<.001	<.03
25906	0.006	0.206
25907	<.001	<.03
25908	<.001	<.03
25909	<.001	<.03
25910	<.001	<.03
25911	<.001	<.03
25912	<.001	<.03
25913	<.001	<.03
25914	<.001	<.03
25915	<.001	<.03
25916	0.004	0.137
25917	<.001	<.03
25918	<.001	<.03
25919	<.001	<.03
25920	<.001	<.03
25921	<.001	<.03
25922	<.001	<.03
25923	<.001	<.03
25924	<.001	<.03
25925	0.008	0.274

22 **Splits**

Std Oxl 63	0.176	6.034
Blank	<.001	<.03

Certified Assayer:

PolyMet Laboratories

Client: Vault Minerals Inc.

CERTIFICATE # 7676 Job No. 0-155

Date:
June 10 / 2010

Splits

Sample #	**Au Oz/ton**	**g/tonne**
25926	<.001	<.03
25927	0.014	0.480
25928	0.002	0.069
25929	0.010	0.343
25930	Pend	
25931	0.006	0.206
25932	0.006	0.206
25933	Pend	
25934	Pend	
25935	0.004	0.137
25936	0.006	0.206
25937	<.001	<.03
25938	<.001	<.03
25939	Pend	
25940	0.020	0.686
25941	Pend	
25942	Pend	
25943	Pend	
25944	0.010	0.343
25945	0.022	0.754
25946	0.024	0.823

14 **Splits**
7 **Pend**

Std Oxl 63	0.176	6.034
Blank	<.001	<.03

Certified Assayer:

PolyMet Laboratories

Client: Vault Minerals Inc.

CERTIFICATE # 7677 Job No. 0-155

Date:
June 10 / 2010

Splits

Sample #	**Au Oz/ton**	**g/tonne**
25947	Pend	
25948	Pend	
26407	Pend	
26451	0.002	0.069
26452	<.001	<.03
26453	<.001	<.03
26454	<.001	<.03
26455	<.001	<.03
26456	<.001	<.03
26457	<.001	<.03

7 **Splits**
3 **Pend**

Std Oxl 63	0.174	5.966
Blank	<.001	<.03

Certified Assayer:

PolyMet Laboratories

Client: Vault Minerals Inc.

CERTIFICATE **# 7678**

Job No. 0-155

Date:
June 10 / 10

	Original		Check	
Sample #	**Au Oz/ton**	**g/tonne**	**Au Oz/ton**	**g/tonne**
25930	0.040	1.371	0.032	1.097
25933	0.056	1.920	0.052	1.783
25934	0.100	3.429	0.094	3.223
25939	0.042	1.440	0.042	1.440
25941	0.104	3.566	0.144	4.937
25942	0.054	1.851	0.072	2.469
25943	0.060	2.057	0.060	2.057
25947	0.048	1.646	0.052	1.783
25948	0.040	1.371	0.060	2.057
26407	0.124	4.251	0.124	4.251

10 + 20

Certified Assayer:

PolyMet Labs
A Division of Polymet Resources Ltd.

1 Presley St, P.O. Box 699, Cobalt, Ontario, Canada P0J 1C0
Tel: (705) 679-5500 • Fax: (705) 679-5519
Email: info@polymetinc.com Website: www.polymetinc.com

Certificate of Analysis

Vault Minerals Inc.

We certify that the assay results in the following Certificates are factual and true.

Certificate #'s 7794, 7795, 7796 & 7797

Certified by: _____
Assistant Assayer

Certified by: _____
President/Manager

Date: July 6, 2010

Disclaimer: The results included on this report relate only to the items tested. The Certificate of Analysis should not be reproduced except in full, without the written approval of the laboratory.

PolyMet Laboratories

Client: Vault Minerals Inc.

CERTIFICATE # 7794 Job No. 0-155

Date:
July 6 / 2010

Splits

Sample #	**Au Oz/ton**	**g/tonne**
26021	<.001	<.03
26022	<.001	<.03
26023	<.001	<.03
26024	<.001	<.03
26025	<.001	<.03
26026	<.001	<.03
26027	<.001	<.03
26028	<.001	<.03
26029	<.001	<.03
26030	<.001	<.03
26031	Pd	
26032	<.001	<.03
26033	<.001	<.03
26034	<.001	<.03
26035	<.001	<.03
26036	0.004	0.137
26037	<.001	<.03
26038	0.052	1.783
26039	<.001	<.03
26040	<.001	<.03
26041	<.001	<.03
26042	<.001	<.03

21 **Splits**
1 **Pend**

Std Oxl 63	0.176	6.034
Blank	<.001	<.03

Certified Assayer:

PolyMet Laboratories

Client: Vault Minerals Inc.

CERTIFICATE # 7795

Job No. 0-155

Date:
July 6 / 2010

Splits

Sample #	**Au Oz/ton**	**g/tonne**
26043	0.002	0.069
26044	<.001	<.03
26045	<.001	<.03
26046	0.004	0.137
26047	<.001	<.03
26048	<.001	<.03
26049	<.001	<.03
26050	0.008	0.274
26051	<.001	<.03
26052	0.002	0.069
26053	0.006	0.206
26054	0.004	0.137
26055	<.001	<.03
26056	<.001	<.03
26057	0.006	0.206
26058	<.001	<.03
26059	<.001	<.03
26060	<.001	<.03
26061	0.002	0.069
26062	<.001	<.03
26063	<.001	<.03
26064	<.001	<.03

22 **Splits**
0 **Pend**

Std Oxl 63	0.174	5.966
Blank	<.001	<.03

Certified Assayer:

PolyMet Laboratories

Client: Vault Minerals Inc.

CERTIFICATE # 7796

Job No. 0-155

Date:
July 6 / 2010

Splits

Sample #	**Au Oz/ton**	**g/tonne**
26065	<.001	<.03
26066	<.001	<.03
26067	<.001	<.03
26068	<.001	<.03
26069	<.001	<.03
26070	<.001	<.03
26071	<.001	<.03
26072	<.001	<.03
26073	<.001	<.03
26074	0.006	0.206
26075	<.001	<.03
26076	<.001	<.03
26077	<.001	<.03
26078	0.004	0.137
26079	<.001	<.03
26080	<.001	<.03
26081	<.001	<.03
26082	<.001	<.03

18 **Splits**
0 **Pend**

Std Oxl 63	0.174	5.966
Blank	<.001	<.03

Certified Assayer:

PolyMet Laboratories

		Client:	Vault Minerals Inc.
CERTIFICATE	**# 7797**	Job No.	0-155

Date:
July 6/ 10

	Original		**Check**	
Sample #	**Au Oz/ton**	**g/tonne**	**Au Oz/ton**	**g/tonne**
26031	0.040	1.371	0.036	1.234

1 + 2

Certified Assayer: Vince Burns

PolyMet Labs
A Division of Polymet Resources Ltd.

1 Presley St, P.O. Box 699, Cobalt, Ontario, Canada P0J 1C0
Tel: (705) 679-5500 • Fax: (705) 679-5519
Email: info@polymetinc.com Website: www.polymetinc.com

Certificate of Analysis

Vault Minerals Inc.

We certify that the assay results in the following Certificates are factual and true.

Certificate #'s 7925, 7926, 7927 & 7928

Certified by: _____
Chief Assayer

Certified by: _____
President/Manager

Date: July 28, 2010

Disclaimer: The results included on this report relate only to the items tested. The Certificate of Analysis should not be reproduced except in full, without the written approval of the laboratory.

PolyMet Laboratories

Client: Vault Minerals Inc.

CERTIFICATE 7925 Job No. 0-155

Date:
July 28 / 2010

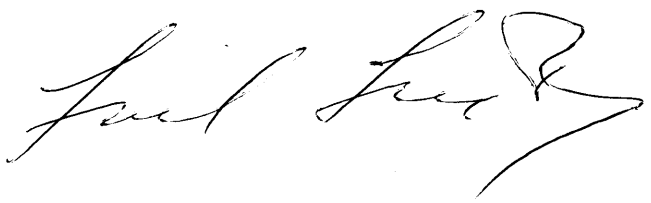
Splits

Sample #	**Au Oz/ton**	**g/tonne**
27171	<.001	<.03
27172	<.001	<.03
27173	<.001	<.03
27174	<.001	<.03
27175	<.001	<.03
27176	<.001	<.03
27177	<.001	<.03
27178	0.002	0.069
27179	<.001	<.03
27180	<.001	<.03
27181	<.001	<.03
27182	<.001	<.03
27183	<.001	<.03
27184	<.001	<.03
27185	<.001	<.03
27186	<.001	<.03
27187	<.001	<.03
27188	<.001	<.03
27189	<.001	<.03
27190	<.001	<.03
27191	0.012	0.411
27192	<.001	<.03
27193	<.001	<.03
27194	<.001	<.03
27195	<.001	<.03
27196	<.001	<.03
27197	0.008	0.274
27198	Pend	

27 **Splits**
1 **Pend**

Std Oxl 63	0.176	6.034
Blank	<.001	<.03

Certified Assayer:



PolyMet Laboratories

Client: Vault Minerals Inc.

CERTIFICATE 7926 Job No. 0-155

Date:
July 28 / 2010

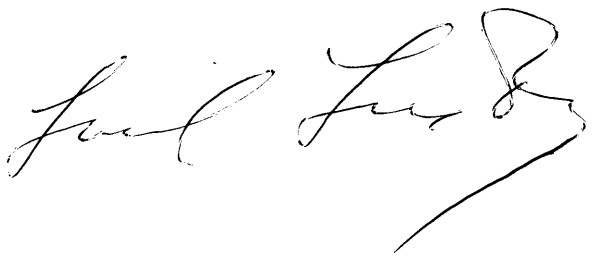
Splits

Sample #	**Au Oz/ton**	**g/tonne**
27199	<.001	<.03
27200	<.001	<.03
27201	<.001	<.03
27202	<.001	<.03
27203	0.053	1.817
27204	0.008	0.274
27205	0.004	0.137
27206	<.001	<.03
27207	<.001	<.03
26773	<.001	<.03
26774	<.001	<.03
26775	<.001	<.03
26776	0.010	0.343
26777	<.001	<.03
26778	<.001	<.03
26779	<.001	<.03
26780	<.001	<.03
26781	<.001	<.03
26782	<.001	<.03
26783	<.001	<.03
26784	<.001	<.03

21 **Splits**

Std Oxl 63	0.176	6.034
Blank	<.001	<.03

Certified Assayer:



PolyMet Laboratories

Client: Vault Minerals Inc.

CERTIFICATE 7927 Job No. 0-155

Date:
July 28 / 2010

Splits

Sample #	**Au Oz/ton**	**g/tonne**
26785	<.001	<.03
26786	<.001	<.03
26787	<.001	<.03
26788	<.001	<.03
26789	<.001	<.03
26790	<.001	<.03
26791	0.018	0.617
26792	<.001	<.03
26793	0.166	5.691
26794	<.001	<.03
26795	<.001	<.03
26796	0.004	0.137
26797	<.001	<.03
26798	0.004	0.137

14 **Splits**

Std Oxl 63	0.176	6.034
Blank	<.001	<.03

Certified Assayer:

PolyMet Laboratories

		Client:	Vault Minerals Inc.
CERTIFICATE	**7928**	Job No.	0-155

Date:
July 28 / 10

	Original		**Check**	
Sample #	**Au Oz/ton**	**g/tonne**	**Au Oz/ton**	**g/tonne**
27198	0.056	1.920	0.064	2.194

1 + 2

Certified Assayer:

PolyMet Labs
A Division of Polymet Resources Ltd.

1 Presley St, P.O. Box 699, Cobalt, Ontario, Canada P0J 1C0
Tel: (705) 679-5500 • Fax: (705) 679-5519
Email: info@polymetinc.com Website: www.polymetinc.com

Certificate of Analysis

Vault Minerals Inc.

We certify that the assay results in the following Certificates are factual and true.

Certificate #'s 7998, 7999, 8000, 8001, 8002, 8003 & 8004

Certified by: _____
Chief Assayer

Certified by: _____
President/Manager

Date: August 9, 2010

Disclaimer: The results included on this report relate only to the items tested. The Certificate of Analysis should not be reproduced except in full, without the written approval of the laboratory.

PolyMet Laboratories

Client: Vault Minerals Inc.

CERTIFICATE 7998

Job No. 0-155

Date:
Aug. 9 / 2010

Splits

Sample #	**Au Oz/ton**	**g/tonne**
26799	<.001	<.03
26800	<.001	<.03
26801	<.001	<.03
26802	0.004	0.137
26803	0.020	0.686
26804	<.001	<.03
26805	0.002	0.069
26806	0.010	0.343
26807	Pend	
26808	0.012	0.411
26809	<.001	<.03
26810	0.028	0.960
26811	<.001	<.03
26812	<.001	<.03
26813	0.004	0.137
26814	0.002	0.069
26815	0.012	0.411
26816	0.006	0.206
26817	0.004	0.137

18 **Splits**
1 **Pend**

Std Oxl 63	0.178	6.103
Blank	<.001	<.03

Certified Assayer:



PolyMet Laboratories

Client: Vault Minerals Inc.

CERTIFICATE 7999 Job No. 0-155

Date:
Aug. 9 / 2010

Splits

Sample #	**Au Oz/ton**	**g/tonne**
26818	0.002	0.069
26819	0.002	0.069
26820	<.001	<.03
26821	<.001	<.03
26822	0.004	0.137
26823	0.002	0.069
26824	<.001	<.03
26825	<.001	<.03
26826	0.046	1.577
26827	<.001	<.03
26828	<.001	<.03
26829	<.001	<.03
26830	<.001	<.03
26831	<.001	<.03
26832	<.001	<.03
26833	<.001	<.03
26834	<.001	<.03
26835	0.004	0.137
26836	0.004	0.137
26837	0.002	0.069
26838	<.001	<.03
26839	<.001	<.03

22 **Splits**

Std Oxl 63	0.172	5.897
Blank	<.001	<.03

Certified Assayer:

PolyMet Laboratories

Client: Vault Minerals Inc.

CERTIFICATE 8000

Job No. 0-155

Date:
Aug. 9 / 2010

Splits

Sample #	**Au Oz/ton**	**g/tonne**
26840	0.002	0.069
26841	<.001	<.03
26842	0.006	0.206
26843	<.001	<.03
26844	0.002	0.069
26845	0.002	0.069
26846	0.002	0.069
26847	0.014	0.480
26848	<.001	<.03
26849	0.016	0.549
26850	<.001	<.03
26851	<.001	<.03
26852	0.166	5.691
26853	<.001	<.03
26854	0.002	0.069
26855	Pend	
26856	<.001	<.03
26857	0.002	0.069
26858	<.001	<.03
26859	<.001	<.03
26860	<.001	<.03

20 **Splits**
1 **Pend**

Std Oxl 63	0.172	5.897
Blank	<.001	<.03

Certified Assayer:



PolyMet Laboratories

Client: Vault Minerals Inc.

CERTIFICATE 8001

Job No. 0-155

Date:
Aug. 9 / 2010

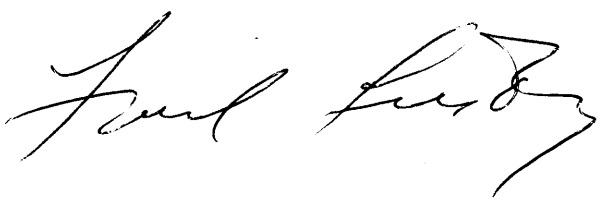
Splits

Sample #	**Au Oz/ton**	**g/tonne**
26861	<.001	<.03
26862	<.001	<.03
26863	<.001	<.03
26864	0.006	0.206
26865	0.006	0.206
26866	<.001	<.03
26867	<.001	<.03
26868	<.001	<.03
26869	<.001	<.03
26870	<.001	<.03
26871	<.001	<.03
26872	<.001	<.03
26873	0.002	0.069
26874	<.001	<.03
26875	0.048	1.646
26876	Pend	
26877	Pend	
26878	<.001	<.03
26879	<.001	<.03
26880	<.001	<.03
26881	0.008	0.274
26882	<.001	<.03

20 **Splits**
2 **Pend**

Std Oxl 63	0.172	5.897
Blank	<.001	<.03

Certified Assayer:



PolyMet Laboratories

Client: Vault Minerals Inc.

CERTIFICATE 8002

Job No. 0-155

Date:
Aug. 9 / 2010

Splits

Sample #	**Au Oz/ton**	**g/tonne**
26883	0.002	0.069
26884	<.001	<.03
26885	0.002	0.069
26886	0.004	0.137
26887	0.004	0.137
26888	0.012	0.411
26889	0.002	0.069
26890	0.022	0.754
26891	0.006	0.206
26892	0.002	0.069
26893	0.020	0.686
26894	0.008	0.274
26895	0.012	0.411
26896	Pend	
26897	0.006	0.206
26898	0.016	0.549
26899	Pend	
26900	Pend	
26901	Pend	
26902	Pend	
26903	Pend	
26904	<.001	<.03

16 **Splits**
6 **Pend**

Std Oxl 63	0.172	5.897
Blank	<.001	<.03

Certified Assayer:

PolyMet Laboratories

Client: Vault Minerals Inc.

CERTIFICATE 8003

Job No. 0-155

Date:
Aug. 9 / 2010

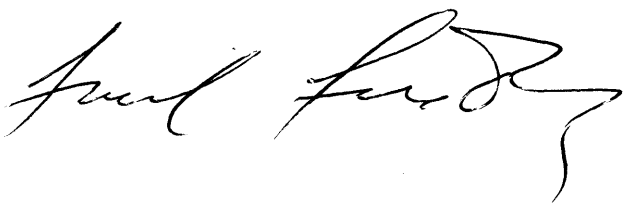
Splits

Sample #	**Au Oz/ton**	**g/tonne**
26905	0.008	0.274
26906	<.001	<.03
26907	0.002	0.069
26908	<.001	<.03
26909	0.010	0.343
26910	0.004	0.137
27670	<.001	<.03
27671	<.001	<.03
27672	0.004	0.137
27673	0.024	0.823
27674	0.002	0.069
27675	<.001	<.03
27676	<.001	<.03
27677	0.006	0.206
27678	<.001	<.03
27679	<.001	<.03
27680	<.001	<.03
27681	<.001	<.03

18 **Splits**

Std Oxl 63	0.178	6.103
Blank	<.001	<.03

Certified Assayer:



PolyMet Laboratories

Client: Vault Minerals Inc.

CERTIFICATE **8004**

Job No. 0-155

Date:
Aug. 9 / 10

	Original		**Check**	
Sample #	**Au Oz/ton**	**g/tonne**	**Au Oz/ton**	**g/tonne**
26807	7.844	268.939	4.298	147.361
26855	0.236	8.091	0.206	7.063
26876	0.050	1.714	0.074	2.537
26877	0.068	2.331	0.090	3.086
26896	0.036	1.234	0.034	1.166
26899	0.040	1.371	0.026	0.891
26900	0.032	1.097	0.044	1.509
26901	0.038	1.303	0.024	0.823
26902	0.072	2.469	0.058	1.989
26903	0.036	1.234	0.022	0.754

10 + 20

Certified Assayer:

PolyMet Labs
A Division of Polymet Resources Ltd.

1 Presley St, P.O. Box 699, Cobalt, Ontario, Canada P0J 1C0
Tel: (705) 679-5500 • Fax: (705) 679-5519
Email: info@polymetinc.com Website: www.polymetinc.com

Certificate of Analysis

Vault Minerals Inc.

We certify that the assay results in the following Certificates are factual and true.

Certificate #'s 8039, 8040, 8041, 8042 & 8043

Certified by: _____
Chief Assayer

Certified by: _____
President/Manager

Date: August 12, 2010

Disclaimer: The results included on this report relate only to the items tested. The Certificate of Analysis should not be reproduced except in full, without the written approval of the laboratory.

PolyMet Laboratories

Client: Vault Minerals Inc.

CERTIFICATE 8039 Job No. 0-155

Date:
Aug. 12 / 2010

Splits

Sample #	**Au Oz/ton**	**g/tonne**
27742	0.004	0.137
27743	0.008	0.274
27744	<.001	<.03
27745	Pend	
27746	Pend	
27747	0.002	0.069
27748	<.001	<.03
27749	0.006	0.206
27750	0.022	0.754
27751	Pend	
27752	<.001	<.03
27753	0.002	0.069
27754	0.010	0.343
27755	0.002	0.069
27756	Pend	
27757	<.001	<.03
27758	<.001	<.03
27759	0.162	5.554
27760	<.001	<.03
27761	<.001	<.03
27762	<.001	<.03
27763	<.001	<.03

18 **Splits**
4 **Pend**

Std Oxl 63	0.176	6.034
Blank	<.001	<.03

Certified Assayer:

PolyMet Laboratories

Client: Vault Minerals Inc.

CERTIFICATE 8040

Job No. 0-155

Date:
Aug. 12 / 2010

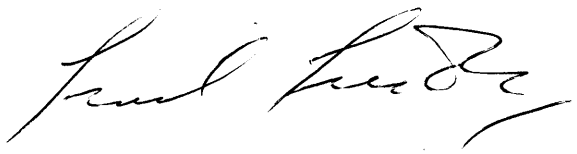
Splits

Sample #	**Au Oz/ton**	**g/tonne**
27764	0.024	0.823
27765	<.001	<.03
27766	<.001	<.03
27767	0.004	0.137
27768	Pend	
27769	<.001	<.03
27770	<.001	<.03
27771	0.002	0.069
27772	<.001	<.03
27773	<.001	<.03
27774	<.001	<.03
27775	<.001	<.03
27776	<.001	<.03
27777	0.002	0.069
27778	<.001	<.03
27779	<.001	<.03
27780	<.001	<.03
27781	<.001	<.03
27782	<.001	<.03
27783	<.001	<.03
27784	<.001	<.03
27785	0.002	0.069

21 **Splits**
1 **Pend**

Std Oxl 63	0.176	6.034
Blank	<.001	<.03

Certified Assayer:



PolyMet Laboratories

Client: Vault Minerals Inc.

CERTIFICATE 8041

Job No. 0-155

Date:
Aug. 12 / 2010

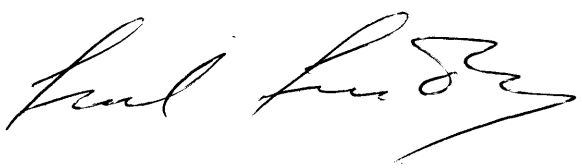
Splits

Sample #	**Au Oz/ton**	**g/tonne**
27786	<.001	<.03
27787	<.001	<.03
27788	0.167	5.726
27789	<.001	<.03
27790	<.001	<.03
27791	0.006	0.206
27792	<.001	<.03
27793	<.001	<.03
27794	0.002	0.069
27795	<.001	<.03
27796	<.001	<.03
27797	<.001	<.03
27798	<.001	<.03
27799	0.002	0.069
27800	Pend	
27801	Pend	
27802	Pend	
27803	Pend	
27804	Pend	
27805	<.001	<.03
27806	<.001	<.03
27807	0.004	0.137

17 **Splits**
5 **Pend**

Std Oxl 63	0.174	5.966
Blank	<.001	<.03

Certified Assayer:



PolyMet Laboratories

Client: Vault Minerals Inc.

CERTIFICATE 8042

Job No. 0-155

Date:
Aug. 12 / 2010

Splits

Sample #	**Au Oz/ton**	**g/tonne**
27808	<.001	<.03
27809	0.018	0.617
27810	Pend	
27811	<.001	<.03
27812	0.010	0.343
27813	0.002	0.069
27814	<.001	<.03
27815	<.001	<.03
27816	<.001	<.03
27817	0.002	0.069
27818	<.001	<.03
27819	<.001	<.03
27820	<.001	<.03
27821	0.049	1.680
27822	0.004	0.137
27823	0.002	0.069
27335	<.001	<.03
27336	<.001	<.03
27337	<.001	<.03
27338	<.001	<.03
27339	<.001	<.03
27340	<.001	<.03
27341	<.001	<.03
27342	<.001	<.03
27343	<.001	<.03

24 **Splits**
1 **Pend**

Std Oxl 63	0.174	5.966
Blank	<.001	<.03

Certified Assayer:

PolyMet Laboratories

		Client:	Vault Minerals Inc.
CERTIFICATE	**8043**	Job No.	0-155

Date:
Aug. 12 / 10

	Original		**Check**	
Sample #	**Au Oz/ton**	**g/tonne**	**Au Oz/ton**	**g/tonne**
27745	0.052	1.783	0.050	1.714
27746	0.042	1.440	0.044	1.509
27751	0.034	1.166	0.030	1.029
27756	0.048	1.646	0.062	2.126
27768	0.032	1.097	0.034	1.166
27800	0.032	1.097	0.034	1.166
27801	0.044	1.509	0.042	1.440
27802	0.070	2.400	0.078	2.674
27803	0.030	1.029	0.032	1.097
27804	0.658	22.560	0.676	23.177
27810	0.138	4.731	0.154	5.280

11 + 22

Certified Assayer:

PolyMet Labs
A Division of Polymet Resources Ltd.

1 Presley St, P.O. Box 699, Cobalt, Ontario, Canada P0J 1C0
Tel: (705) 679-5500 • Fax: (705) 679-5519
Email: info@polymetinc.com Website: www.polymetinc.com

Certificate of Analysis

Vault Minerals Inc

We certify that the assay results in the following Certificates are factual and true.

Certificate #'s 8071, 8072, 8073 & 8074

Certified by: _____
Chief Assayer

Certified by: _____
President/Manager

Date: August 17, 2010

Disclaimer: The results included on this report relate only to the items tested. The Certificate of Analysis should not be reproduced except in full, without the written approval of the laboratory.

PolyMet Laboratories

Client: Vault Minerals Inc.

CERTIFICATE 8071 Job No. 0-155

Date: Aug. 17 / 2010

Splits

Sample #	**Au Oz/ton**	**g/tonne**
27344	<.001	<.03
27345	<.001	<.03
27346	<.001	<.03
27347	<.001	<.03
27348	0.002	0.069
27349	0.002	0.069
27350	<.001	<.03
27351	<.001	<.03
27352	<.001	<.03
27353	<.001	<.03
27354	<.001	<.03
27355	0.002	0.069
27356	<.001	<.03
27357	<.001	<.03
27358	<.001	<.03
27359	<.001	<.03

16 **Splits**

Std Oxl 63	0.170	5.829
Blank	<.001	<.03

Certified Assayer:



PolyMet Laboratories

Client: Vault Minerals Inc.

CERTIFICATE 8072

Job No. 0-155

Date:
Aug. 17 / 2010

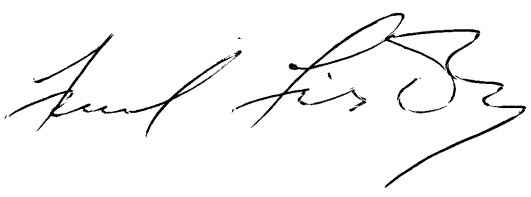
Splits

Sample #	**Au Oz/ton**	**g/tonne**
27360	<.001	<.03
27361	<.001	<.03
27362	<.001	<.03
27363	<.001	<.03
27364	0.004	0.137
27365	0.002	0.069
27366	0.028	0.960
27367	Pend	
27368	<.001	<.03
27369	0.002	0.069
27370	<.001	<.03
27371	0.160	5.486
27372	<.001	<.03
27373	0.002	0.069
27374	<.001	<.03
27375	<.001	<.03
27376	0.002	0.069
27377	<.001	<.03
27378	0.002	0.069
27402	<.001	<.03
27403	<.001	<.03
27404	0.052	1.783

21 **Splits**
1 **Pend**

Std Oxl 63	0.172	5.897
Blank	<.001	<.03

Certified Assayer:



PolyMet Laboratories

Client: Vault Minerals Inc.

CERTIFICATE 8073

Job No. 0-155

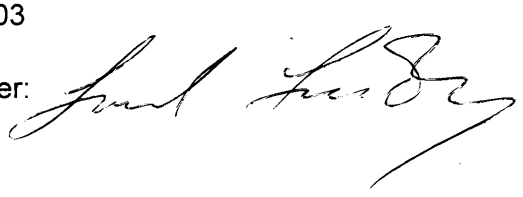
Date:
Aug. 17 / 2010

Splits

Sample #	**Au Oz/ton**	**g/tonne**
27405	<.001	<.03
27406	<.001	<.03
27407	<.001	<.03
27408	<.001	<.03
27409	<.001	<.03
27410	<.001	<.03
27411	<.001	<.03
27412	<.001	<.03
27413	<.001	<.03
27414	0.004	0.137
27415	<.001	<.03
27416	<.001	<.03
27417	<.001	<.03
27418	0.006	0.206
27419	<.001	<.03
27420	<.001	<.03
27421	<.001	<.03
27422	<.001	<.03
27423	<.001	<.03
27424	<.001	<.03
27425	<.001	<.03
27426	<.001	<.03
27427	<.001	<.03
27428	<.001	<.03
27429	<.001	<.03

25 **Splits**

Std Oxl 63	0.172	5.897
Blank	<.001	<.03

Certified Assayer: 

PolyMet Laboratories

		Client:	Vault Minerals Inc.
CERTIFICATE	**8074**	Job No.	0-155

Date:
Aug. 17 / 10

	Original		**Check**	
Sample #	**Au Oz/ton**	**g/tonne**	**Au Oz/ton**	**g/tonne**
27367	0.046	1.577	0.046	1.577

1 + 2

Certified Assayer:

PolyMet Labs
A Division of Polymet Resources Ltd.

1 Presley St, P.O. Box 699, Cobalt, Ontario, Canada P0J 1C0
Tel: (705) 679-5500 • Fax: (705) 679-5519
Email: info@polymetinc.com Website: www.polymetinc.com

Certificate of Analysis

Vault Minerals Inc.

We certify that the assay results in the following Certificates are factual and true.

Certificate #'s 8117, 8118, 8119, 8120, 8121
8122, 8123, 8124, 8125, 8126

Certified by: _____
Chief Assayer

Certified by: _____
President/Manager

Date: August 24, 2010

Disclaimer: The results included on this report relate only to the items tested. The Certificate of Analysis should not be reproduced except in full, without the written approval of the laboratory.

PolyMet Laboratories

Client: Vault Minerals Inc.
Job No. 0-155

CERTIFICATE 8117

Date:
Aug. 24 / 2010

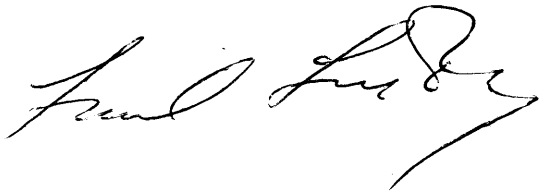
Splits

Sample #	**Au Oz/ton**	**g/tonne**
34281	0.020	0.686
34282	<.001	<.03
34283	<.001	<.03
34284	0.002	0.069
34285	<.001	<.03
34286	<.001	<.03
34287	Pend	
34288	Pend	
34289	0.024	0.823
34290	Pend	
34291	Pend	
34292	Pend	
34293	Pend	
34294	Pend	
34295	Pend	
34296	<.001	<.03
34297	Pend	
34298	Pend	
34299	Pend	
34300	Pend	

8 **Splits**
12 **Pend**

Std Oxl 63	0.172	5.897
Blank	<.001	<.03

Certified Assayer:



PolyMet Laboratories

Client: Vault Minerals Inc.

CERTIFICATE **8118**

Job No. 0-155

Date:
Aug. 24 / 10

	Original		Check	
Sample #	**Au Oz/ton**	**g/tonne**	**Au Oz/ton**	**g/tonne**
34287	0.086	2.949	0.108	3.703
34288	0.098	3.360	0.076	2.606
34290	0.108	3.703	0.092	3.154
34291	0.126	4.320	0.128	4.389
34292	0.066	2.263	0.068	2.331
34293	0.034	1.166	0.046	1.577
34294	0.100	3.429	0.120	4.114
34295	0.120	4.114	0.070	2.400
34297	0.162	5.554	0.206	7.063
34298	0.100	3.429	0.120	4.114
34299	0.094	3.223	0.096	3.291
34300	0.094	3.223	0.104	3.566

12 + 24

Certified Assayer:

PolyMet Laboratories

Client: Vault Minerals Inc.

CERTIFICATE 8119 Job No. 0-155

Date:
Aug. 24 / 2010

Splits

Sample #	**Au Oz/ton**	**g/tonne**
34301	<.001	<.03
34302	<.001	<.03
34303	0.050	1.714
34304	<.001	<.03
34305	Pend	
34306	0.008	0.274
34307	<.001	<.03
34308	<.001	<.03
34309	<.001	<.03
34310	<.001	<.03
34311	<.001	<.03
34312	0.002	0.069
34313	<.001	<.03
34314	<.001	<.03
34315	<.001	<.03
34316	<.001	<.03
34317	<.001	<.03
34318	<.001	<.03
34319	<.001	<.03
34320	<.001	<.03
34321	<.001	<.03
34322	0.006	0.206

21 **Splits**
1 **Pend**

Std Oxl 63	0.174	5.966
Blank	<.001	<.03

Certified Assayer:



PolyMet Laboratories

Client: Vault Minerals Inc.
Job No. 0-155

CERTIFICATE 8120

Date:
Aug. 24 / 2010

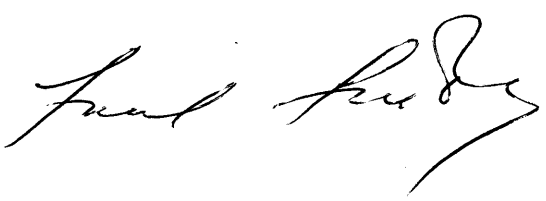
Splits

Sample #	**Au Oz/ton**	**g/tonne**
34323	0.002	0.069
34324	0.028	0.960
34325	0.028	0.960
34326	Pend	
34327	0.020	0.686
34033	<.001	<.03
34034	<.001	<.03
34035	<.001	<.03
34036	0.002	0.069
34037	<.001	<.03
34038	0.002	0.069
34039	0.163	5.589
34040	<.001	<.03
34041	<.001	<.03
34042	<.001	<.03
34043	<.001	<.03
34044	<.001	<.03
34045	<.001	<.03
34046	0.002	0.069
34047	<.001	<.03
34048	0.028	0.960

20 **Splits**
1 **Pend**

Std Oxl 63	0.174	5.966
Blank	<.001	<.03

Certified Assayer:



PolyMet Laboratories

Client: Vault Minerals Inc.

CERTIFICATE 8121

Job No. 0-155

Date:
Aug. 24 / 2010

Splits

Sample #	**Au Oz/ton**	**g/tonne**
34049	<.001	<.03
34050	0.002	0.069
34051	<.001	<.03
34052	<.001	<.03
34053	<.001	<.03
34054	<.001	<.03
34055	0.008	0.274
34056	0.004	0.137
34057	<.001	<.03
34058	<.001	<.03
34059	<.001	<.03
34060	<.001	<.03
34061	0.002	0.069
34062	<.001	<.03
34063	<.001	<.03
34064	0.002	0.069
34065	<.001	<.03
34066	0.014	0.480
34067	0.010	0.343
34068	<.001	<.03
34069	<.001	<.03
34070	0.010	0.343

22 **Splits**

Std Oxl 63	0.176	6.034
Blank	<.001	<.03

Certified Assayer:



PolyMet Laboratories

Client: Vault Minerals Inc.
Job No. 0-155

CERTIFICATE 8122

Date:
Aug. 24 / 2010

Splits

Sample #	**Au Oz/ton**	**g/tonne**
34071	0.002	0.069
34072	0.050	1.714
34073	<.001	<.03
34074	0.004	0.137
34075	<.001	<.03
34076	0.002	0.069
34077	<.001	<.03
34078	<.001	<.03
34079	<.001	<.03
34080	0.002	0.069
34081	<.001	<.03
34082	<.001	<.03
34083	<.001	<.03
34084	<.001	<.03
34085	0.004	0.137
34086	<.001	<.03

16 **Splits**

Std Oxl 63	0.176	6.034
Blank	<.001	<.03

Certified Assayer:

PolyMet Laboratories

Client: Vault Minerals Inc.

CERTIFICATE 8123 Job No. 0-155

Date:
Aug. 24 / 2010

Splits

Sample #	**Au Oz/ton**	**g/tonne**
34519	<.001	<.03
34520	<.001	<.03
34521	0.002	0.069
34522	<.001	<.03
34523	<.001	<.03
34524	<.001	<.03
34525	Pend	
34526	0.012	0.411
34527	0.002	0.069
34528	0.002	0.069
34529	<.001	<.03
34530	0.156	5.349
34531	<.001	<.03
34532	0.002	0.069
34533	<.001	<.03
34534	0.004	0.137
34535	<.001	<.03
34537	0.002	0.069
34538	0.006	0.206
34539	0.008	0.274
34540	0.014	0.480
34541	<.001	<.03
34542	<.001	<.03
34543	0.002	0.069
34544	<.001	<.03
34545	0.004	0.137
34546	0.018	0.617

26 **Splits**
1 **Pend**

Std Oxl 63	0.176	6.034
Blank	<.001	<.03

Certified Assayer:



PolyMet Laboratories

Client: Vault Minerals Inc.

CERTIFICATE 8124

Job No. 0-155

Date:
Aug. 24 / 2010

Splits

Sample #	**Au Oz/ton**	**g/tonne**
34547	0.002	0.069
34548	<.001	<.03
34549	<.001	<.03
34550	<.001	<.03
34551	<.001	<.03
34552	<.001	<.03
34553	<.001	<.03
34554	<.001	<.03
34555	0.051	1.749
34556	0.004	0.137
34557	0.002	0.069
34558	<.001	<.03
34559	<.001	<.03
34560	<.001	<.03
34561	<.001	<.03
34562	<.001	<.03
34563	0.002	0.069
34564	<.001	<.03
34565	<.001	<.03
34566	<.001	<.03
34567	<.001	<.03
34568	<.001	<.03

22 **Splits**

Std Oxl 63	0.176	6.034
Blank	<.001	<.03

Certified Assayer:

PolyMet Laboratories

Client: Vault Minerals Inc.

CERTIFICATE 8125 Job No. 0-155

Date:
Aug. 24 / 2010

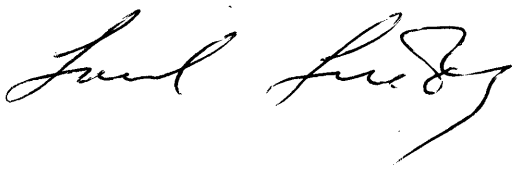
Splits

Sample #	**Au Oz/ton**	**g/tonne**
34569	<.001	<.03
34570	<.001	<.03
34571	<.001	<.03
34572	Pend	
34573	<.001	<.03
34574	<.001	<.03
34575	<.001	<.03
34576	<.001	<.03
34577	<.001	<.03
34578	0.002	0.069
34579	Pend	
34580	<.001	<.03
34581	Pend	
34582	Pend	
34583	<.001	<.03
34584	<.001	<.03
34585	0.166	5.691
34586	0.024	0.823

14 **Splits**
4 **Pend**

Std Oxl 63	0.174	5.966
Blank	<.001	<.03

Certified Assayer:



PolyMet Laboratories

Client: Vault Minerals Inc.

CERTIFICATE **8126** Job No. 0-155

Date: Aug. 20 / 10

	Original		Check	
Sample #	**Au Oz/ton**	**g/tonne**	**Au Oz/ton**	**g/tonne**
34305	0.134	4.594	0.164	5.623
34326	0.078	2.674	0.076	2.606
34525	0.134	4.594	0.130	4.457
34572	0.040	1.371	0.046	1.577
34579	0.066	2.263	0.062	2.126
34581	0.076	2.606	0.072	2.469
34582	0.030	1.029	0.040	1.371

7 + 14

Certified Assayer:

PolyMet Labs
A Division of Polymet Resources Ltd.

1 Presley St, P.O. Box 699, Cobalt, Ontario, Canada P0J 1C0
Tel: (705) 679-5500 • Fax: (705) 679-5519
Email: info@polymetinc.com Website: www.polymetinc.com

Certificate of Analysis

Vault Minerals Inc

We certify that the assay results in the following Certificates are factual and true.

Certificate #'s 8154, 8155, 8156, 8157, 8158, 8159 & 8160

Certified by: _____
Chief Assayer

Certified by: _____
President/Manager

Date: August 26, 2010

Disclaimer: The results included on this report relate only to the items tested. The Certificate of Analysis should not be reproduced except in full, without the written approval of the laboratory.

PolyMet Laboratories

Client: Vault Minerals Inc.

CERTIFICATE 8154 Job No. 0-155

Date:
Aug. 26 / 2010

Splits

Sample #	**Au Oz/ton**	**g/tonne**
34087	0.002	0.069
34088	<.001	<.03
34089	<.001	<.03
34090	<.001	<.03
34091	<.001	<.03
34092	<.001	<.03
34093	<.001	<.03
34094	0.008	0.274
34095	0.002	0.069
34096	0.004	0.137
34097	0.006	0.206
34098	<.001	<.03
34099	0.008	0.274
34100	<.001	<.03
34101	0.008	0.274
34102	0.004	0.137
34103	0.014	0.480
34104	0.012	0.411

18 **Splits**

Std Oxl 63	0.174	5.966
Blank	<.001	<.03

Certified Assayer:

PolyMet Laboratories

Client: Vault Minerals Inc.

CERTIFICATE 8155

Job No. 0-155

Date:
Aug. 26 / 2010

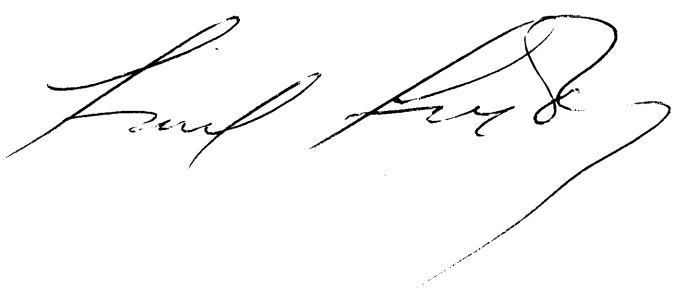
Splits

Sample #	**Au Oz/ton**	**g/tonne**
34105	<.001	<.03
34106	<.001	<.03
34107	<.001	<.03
34108	<.001	<.03
34109	<.001	<.03
34110	<.001	<.03
34111	<.001	<.03
34112	<.001	<.03
34113	<.001	<.03
34114	<.001	<.03
34115	<.001	<.03
34116	<.001	<.03
34117	0.166	5.691
34118	<.001	<.03
34119	<.001	<.03
34120	<.001	<.03
34121	<.001	<.03
34122	<.001	<.03
34123	0.002	0.069
34124	<.001	<.03
34125	<.001	<.03
34126	<.001	<.03

22 **Splits**

Std Oxl 63	0.174	5.966
Blank	<.001	<.03

Certified Assayer:



PolyMet Laboratories

Client: Vault Minerals Inc.
Job No. 0-155

CERTIFICATE 8156

Date:
Aug. 26 / 2010

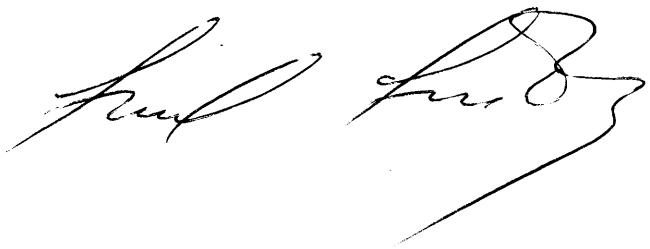
Splits

Sample #	**Au Oz/ton**	**g/tonne**
34127	<.001	<.03
34128	<.001	<.03
34129	<.001	<.03
34130	<.001	<.03
34131	Pend	
34132	<.001	<.03
34133	Pend	
34134	0.006	0.206
34135	Pend	
34136	Pend	
34137	Pend	
34138	0.010	0.343
34139	Pend	
34140	Pend	
34141	Pend	
34142	Pend	
34143	<.001	<.03
34144	0.010	0.343
34145	0.052	1.783
34146	Pend	
34147	0.024	0.823

11 **Splits**
10 **Pend**

Std Oxl 63	0.176	6.034
Blank	<.001	<.03

Certified Assayer:



PolyMet Laboratories

Client: Vault Minerals Inc.

CERTIFICATE 8157 Job No. 0-155

Date:
Aug. 26 / 2010

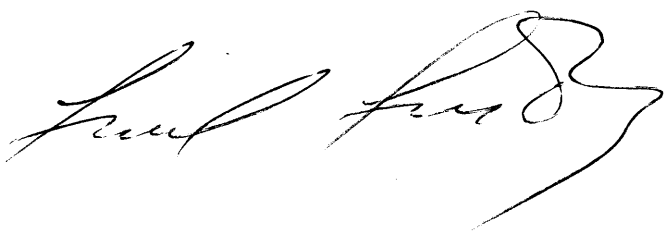
Splits

Sample #	**Au Oz/ton**	**g/tonne**
34148	0.018	0.617
34149	<.001	<.03
34150	Pend	
34151	<.001	<.03
34152	0.006	0.206
34153	<.001	<.03
34154	0.008	0.274
34155	<.001	<.03
34156	<.001	<.03
34157	<.001	<.03
34158	Pend	
34159	Pend	
34160	<.001	<.03
34161	Pend	
34162	<.001	<.03
34163	<.001	<.03
34164	0.016	0.549
34165	0.010	0.343
34166	0.004	0.137
34167	0.010	0.343
34168	0.008	0.274
34169	Pend	

17 **Splits**
5 **Pend**

Std Oxl 63	0.176	6.034
Blank	<.001	<.03

Certified Assayer:



PolyMet Laboratories

Client: Vault Minerals Inc.
Job No. 0-155

CERTIFICATE 8158

Date:
Aug. 26 / 2010

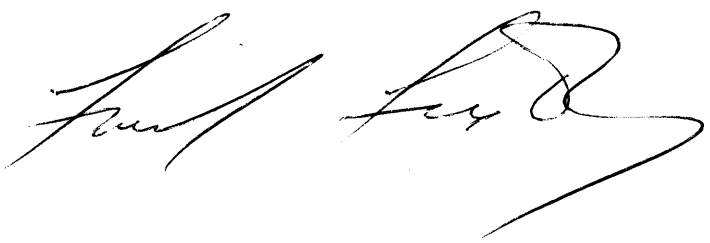
Splits

Sample #	**Au Oz/ton**	**g/tonne**
34170	Pend	
34171	Pend	
34172	<.001	<.03
34173	0.014	0.480
34174	Pend	
34175	Pend	
34176	Pend	
34177	Pend	
34178	0.010	0.343
34179	0.006	0.206
34180	0.026	0.891
34181	<.001	<.03
34182	0.166	5.691
34183	0.026	0.891
34184	0.002	0.069
34185	0.022	0.754
34186	0.010	0.343
34187	0.002	0.069
34188	0.008	0.274
34189	0.010	0.343
34190	<.001	<.03
27824	<.001	<.03

16 **Splits**
6 **Pend**

Std Oxl 63	0.172	5.897
Blank	<.001	<.03

Certified Assayer:



PolyMet Laboratories

Client: Vault Minerals Inc.

CERTIFICATE 8159 Job No. 0-155

Date:
Aug. 26 / 2010

Splits

Sample #	**Au Oz/ton**	**g/tonne**
27825	<.001	<.03
27826	<.001	<.03
27827	<.001	<.03
27828	<.001	<.03
27829	<.001	<.03
27830	<.001	<.03
27831	0.002	0.069
27832	0.016	0.549
27833	0.004	0.137
27834	0.002	0.069
27835	0.004	0.137
27836	0.002	0.069
27837	0.002	0.069
27838	0.014	0.480
27839	<.001	<.03
27840	<.001	<.03
27841	0.014	0.480

17 **Splits**

Std Oxl 63	0.172	5.897
Blank	<.001	<.03

Certified Assayer:

PolyMet Laboratories

Client: Vault Minerals Inc.

CERTIFICATE **8160**

Job No. 0-155

Date:
Aug. 27 / 10

	Original		Check	
Sample #	**Au Oz/ton**	**g/tonne**	**Au Oz/ton**	**g/tonne**
34131	0.122	4.183	0.128	4.389
34133	0.064	2.194	0.064	2.194
34135	0.838	28.732	0.554	18.994
34136	0.112	3.840	0.122	4.183
34137	0.174	5.966	0.150	5.143
34139	0.072	2.469	0.064	2.194
34140	0.066	2.263	0.060	2.057
34141	0.152	5.211	0.112	3.840
34142	0.114	3.909	0.102	3.497
34146	0.060	2.057	0.064	2.194
34150	0.032	1.097	0.036	1.234
34158	0.058	1.989	0.076	2.606
34159	0.236	8.091	0.142	4.869
34161	0.032	1.097	0.036	1.234
34169	0.066	2.263	0.068	2.331
34170	0.084	2.880	0.086	2.949
34171	0.104	3.566	0.114	3.909
34174	0.082	2.811	0.078	2.674
34175	0.046	1.577	0.050	1.714
34176	0.054	1.851	0.084	2.880
34177	0.060	2.057	0.064	2.194

21 + 42

Certified Assayer:



PolyMet Labs
A Division of Polymet Resources Ltd.

1 Presley St, P.O. Box 699, Cobalt, Ontario, Canada P0J 1C0
Tel: (705) 679-5500 • Fax: (705) 679-5519
Email: info@polymetinc.com Website: www.polymetinc.com

Certificate of Analysis

Vault Minerals Inc

We certify that the assay results in the following Certificates are factual and true.

Certificate #'s 8161, 8162, 8163, 8164, 8165 & 8166

Certified by: _____
Chief Assayer

Certified by: _____
President/Manager

Date: August 27, 2010

Disclaimer: The results included on this report relate only to the items tested. The Certificate of Analysis should not be reproduced except in full, without the written approval of the laboratory.

PolyMet Laboratories

Client: Vault Minerals Inc.

CERTIFICATE 8161 Job No. 0-155

Date:
Aug. 27 / 2010

Splits

Sample #	**Au Oz/ton**	**g/tonne**
34587	0.002	0.069
34588	Pend	
34589	Pend	
34590	<.001	<.03
34591	<.001	<.03
34592	Pend	
34593	0.002	0.069
34594	Pend	
34595	<.001	<.03
34596	Pend	
34597	<.001	<.03
34598	<.001	<.03
34599	0.002	0.069
34600	<.001	<.03
34601	<.001	<.03
34602	Pend	
34603	<.001	<.03
34604	0.002	0.069
34605	<.001	<.03
34606	<.001	<.03
34607	<.001	<.03
34608	<.001	<.03
34609	<.001	<.03
34610	0.002	0.069

18 **Splits**
6 **Pend**

Std Oxl 63	0.176	6.034
Blank	<.001	<.03

Certified Assayer:



PolyMet Laboratories

Client: Vault Minerals Inc.

CERTIFICATE 8162 Job No. 0-155

Date:
Aug. 27 / 2010

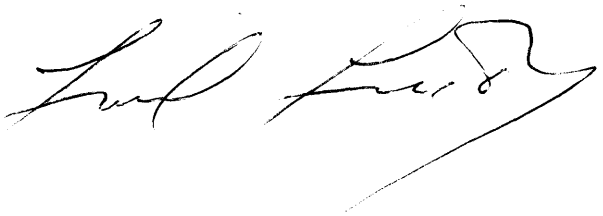
Splits

Sample #	**Au Oz/ton**	**g/tonne**
34611	0.049	1.680
34612	0.004	0.137
34613	0.012	0.411
34614	0.002	0.069
34615	0.010	0.343
34616	Pend	
34617	<.001	<.03
34618	<.001	<.03
34619	0.022	0.754
34620	Pend	
34621	<.001	<.03
34622	0.018	0.617
34623	<.001	<.03
34624	<.001	<.03
34625	<.001	<.03
34626	Pend	
34627	<.001	<.03
34628	<.001	<.03
34629	Pend	
34630	<.001	<.03
34631	<.001	<.03

17 **Splits**
4 **Pend**

Std Oxl 63	0.172	5.897
Blank	<.001	<.03

Certified Assayer:



PolyMet Laboratories

Client: Vault Minerals Inc.

CERTIFICATE 8163

Job No. 0-155

Date:
Aug. 27 / 2010

Splits

Sample #	**Au Oz/ton**	**g/tonne**
34632	Pend	
34633	<.001	<.03
34634	0.002	0.069
34635	Pend	
34636	Pend	
34637	<.001	<.03
34638	<.001	<.03
34639	<.001	<.03
34640	<.001	<.03
34641	0.028	0.960
34642	<.001	<.03
34643	Pend	
34644	<.001	<.03
34645	<.001	<.03
34646	0.157	5.383
34701	<.001	<.03
34702	0.002	0.069
34703	0.006	0.206
34704	<.001	<.03
34705	<.001	<.03
34706	0.002	0.069
34707	<.001	<.03

18 **Splits**
4 **Pend**

Std Oxl 63	0.172	5.897
Blank	<.001	<.03

Certified Assayer:

PolyMet Laboratories

Client: Vault Minerals Inc.

CERTIFICATE 8164 Job No. 0-155

Date:
Aug. 27 / 2010

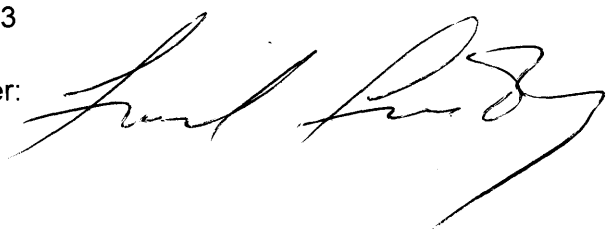
Splits

Sample #	**Au Oz/ton**	**g/tonne**
34708	0.002	0.069
34709	<.001	<.03
34710	<.001	<.03
34711	<.001	<.03
34712	0.002	0.069
34713	<.001	<.03
34714	<.001	<.03
34715	0.002	0.069
34716	<.001	<.03
34717	0.002	0.069
34718	0.051	1.749
34719	0.002	0.069
34720	0.002	0.069
34721	0.004	0.137
34722	0.008	0.274
34723	0.016	0.549
34724	0.168	5.760
34725	0.014	0.480
34726	<.001	<.03
34727	<.001	<.03
34728	0.002	0.069
34729	<.001	<.03

22 **Splits**

Std Oxl 63	0.176	6.034
Blank	<.001	<.03

Certified Assayer:



PolyMet Laboratories

Client: Vault Minerals Inc.

CERTIFICATE 8165

Job No. 0-155

Date:
Aug. 27 / 2010

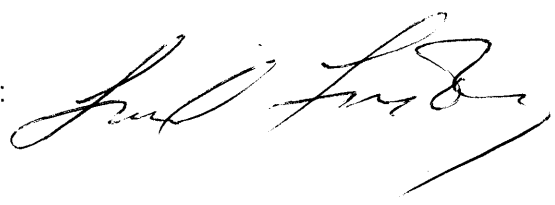
Splits

Sample #	**Au Oz/ton**	**g/tonne**
34730	0.026	0.891
34731	0.018	0.617
34732	0.002	0.069
34733	0.010	0.343
34734	0.004	0.137
34735	0.002	0.069
34736	<.001	<.03
34737	0.028	0.960
34738	<.001	<.03
34739	0.006	0.206
34740	0.002	0.069
34741	0.012	0.411
34742	0.002	0.069
34743	0.008	0.274
34744	<.001	<.03
34745	<.001	<.03
34746	<.001	<.03
34747	<.001	<.03
34748	0.012	0.411
34749	<.001	<.03
34750	<.001	<.03

21 **Splits**

Std Oxl 63	0.176	6.034
Blank	<.001	<.03

Certified Assayer:



PolyMet Laboratories

		Client:	Vault Minerals Inc.
CERTIFICATE	**8166**	Job No.	0-155

Date:
Aug. 27 / 10

	Original		**Check**	
Sample #	**Au Oz/ton**	**g/tonne**	**Au Oz/ton**	**g/tonne**
34588	0.034	1.166	0.036	1.234
34589	0.050	1.714	0.048	1.646
34592	0.038	1.303	0.032	1.097
34594	0.056	1.920	0.054	1.851
34596	0.086	2.949	0.088	3.017
34602	0.152	5.211	0.176	6.034
34616	0.048	1.646	0.048	1.646
34620	0.040	1.371	0.030	1.029
34626	0.106	3.634	0.136	4.663
34629	0.036	1.234	0.034	1.166
34632	0.042	1.440	0.044	1.509
34635	0.034	1.166	0.034	1.166
34636	0.062	2.126	0.062	2.126
34643	0.050	1.714	0.050	1.714

14 + 28

Certified Assayer:

PolyMet Labs
A Division of Polymet Resources Ltd.

1 Presley St, P.O. Box 699, Cobalt, Ontario, Canada P0J 1C0
Tel: (705) 679-5500 • Fax: (705) 679-5519
Email: info@polymetinc.com Website: www.polymetinc.com

Certificate of Analysis

Vault Minerals Inc.

We certify that the assay results in the following Certificates are factual and true.

Certificate #'s 8167, 8168, 8169, 8170

Certified by: _____
Chief Assayer

Certified by: _____
President/Manager

Date: August 31, 2010

Disclaimer: The results included on this report relate only to the items tested. The Certificate of Analysis should not be reproduced except in full, without the written approval of the laboratory.

PolyMet Laboratories

Client: Vault Minerals Inc.

CERTIFICATE 8167

Job No. 0-155

Date:
Aug. 31 / 2010

Splits

Sample #	**Au Oz/ton**	**g/tonne**
34751	0.160	5.486
34752	0.002	0.069
34753	<.001	<.03
34754	0.010	0.343
34755	<.001	<.03
34756	0.004	0.137
34757	0.002	0.069
34758	0.006	0.206
34759	Pend	
34760	<.001	<.03
34761	0.012	0.411
34762	0.024	0.823
34763	0.010	0.343
34764	0.004	0.137
34765	<.001	<.03
34766	<.001	<.03
34767	<.001	<.03
34768	<.001	<.03
34769	0.008	0.274
34770	0.024	0.823
34771	0.054	1.851
34772	Pend	

20 **Splits**
2 **Pend**

Std Oxl 63	0.176	6.034
Blank	<.001	<.03

Certified Assayer:



PolyMet Laboratories

Client: Vault Minerals Inc.

CERTIFICATE 8168 Job No. 0-155

Date:
Aug. 31 / 2010

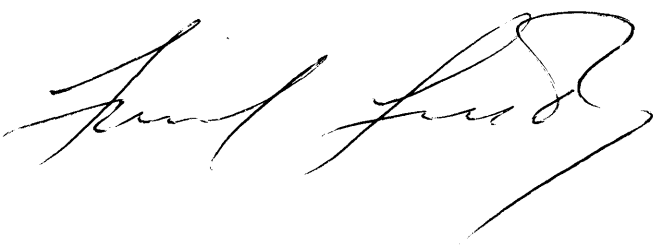
Splits

Sample #	**Au Oz/ton**	**g/tonne**
34773	Pend	
34774	<.001	<.03
34775	<.001	<.03
34776	<.001	<.03
34777	0.002	0.069
34778	0.002	0.069
34779	0.002	0.069
34780	<.001	<.03
34781	<.001	<.03
34782	Pend	
34783	0.002	0.069
34784	0.002	0.069
34785	0.004	0.137
34786	<.001	<.03
34787	<.001	<.03
34788	0.164	5.623
34789	<.001	<.03
34790	0.010	0.343
34791	<.001	<.03
34792	0.010	0.343
34793	<.001	<.03

19 **Splits**
2 **Pend**

Std Oxl 63	0.176	6.034
Blank	<.001	<.03

Certified Assayer:



PolyMet Laboratories

Client: Vault Minerals Inc.

CERTIFICATE 8169 Job No. 0-155

Date:
Aug. 31 / 2010

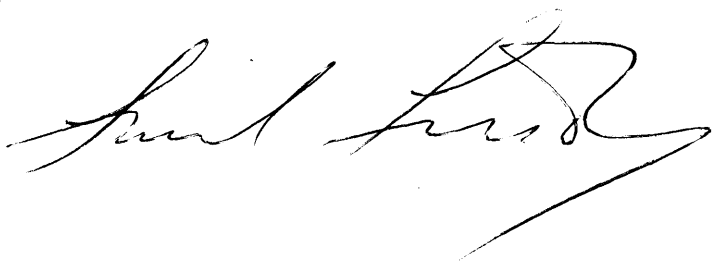
Splits

Sample #	**Au Oz/ton**	**g/tonne**
34794	0.002	0.069
34795	<.001	<.03
34796	<.001	<.03
34797	<.001	<.03
34798	<.001	<.03
34799	<.001	<.03
34800	0.006	0.206
34801	0.008	0.274
34802	0.016	0.549
34803	0.006	0.206

10 **Splits**

Std Oxl 63	0.174	5.966
Blank	<.001	<.03

Certified Assayer:



PolyMet Laboratories

		Client:	Vault Minerals Inc.
CERTIFICATE	**8170**	Job No.	0-155

Date:
Aug. 31 / 10

	Original		**Check**	
Sample #	**Au Oz/ton**	**g/tonne**	**Au Oz/ton**	**g/tonne**
34759	0.068	2.331	0.062	2.126
34772	0.086	2.949	0.092	3.154
34773	0.050	1.714	0.052	1.783
34782	0.518	17.760	0.368	12.617

4 + 8

Certified Assayer:

PolyMet Labs
A Division of Polymet Resources Ltd.

1 Presley St, P.O. Box 699, Cobalt, Ontario, Canada P0J 1C0
Tel: (705) 679-5500 • Fax: (705) 679-5519
Email: info@polymetinc.com Website: www.polymetinc.com

Certificate of Analysis

Vault Minerals Inc

We certify that the assay results in the following Certificates are factual and true.

Certificate #'s 8194, 8195, 8196, 8197, 8198, 8199, 8200

Certified by: _____
Chief Assayer

Certified by: _____
President/Manager

Date: September 1, 2010

Disclaimer: The results included on this report relate only to the items tested. The Certificate of Analysis should not be reproduced except in full, without the written approval of the laboratory.

PolyMet Laboratories

Client: Vault Minerals Inc.

CERTIFICATE 8194

Job No. 0-155

Date:
Sept. 1 / 2010

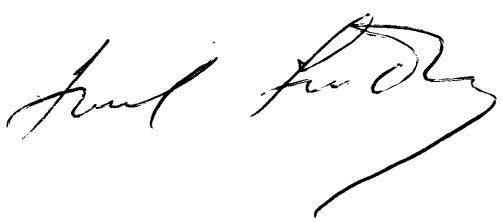
Splits

Sample #	**Au Oz/ton**	**g/tonne**
27842	<.001	<.03
27843	0.002	0.069
27844	0.002	0.069
27845	0.002	0.069
27846	<.001	<.03
27847	<.001	<.03
27848	<.001	<.03
27849	<.001	<.03
27850	0.006	0.206
27851	0.051	1.749
27852	0.024	0.823
27853	<.001	<.03
27854	0.008	0.274
27855	<.001	<.03
27856	<.001	<.03
27857	<.001	<.03
27858	<.001	<.03
27859	0.012	0.411
27860	<.001	<.03
27861	<.001	<.03
27862	<.001	<.03
27863	<.001	<.03
27864	0.002	0.069
27865	<.001	<.03

24 **Splits**

Std Oxl 63	0.174	5.966
Blank	<.001	<.03

Certified Assayer:



PolyMet Laboratories

Client: Vault Minerals Inc.

CERTIFICATE 8195 Job No. 0-155

Date: Sept. 1 / 2010

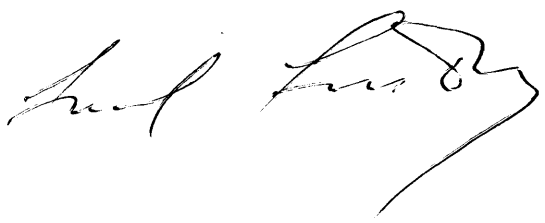
Splits

Sample #	**Au Oz/ton**	**g/tonne**
27866	<.001	<.03
27867	<.001	<.03
27868	<.001	<.03
27869	<.001	<.03
27870	<.001	<.03
27871	<.001	<.03
27872	<.001	<.03
27873	0.008	0.274
27874	<.001	<.03
27875	<.001	<.03
27876	<.001	<.03
27877	<.001	<.03
27878	0.006	0.206
27879	<.001	<.03
27880	0.169	5.794
27881	<.001	<.03
27882	<.001	<.03
27883	<.001	<.03
27884	<.001	<.03
27885	<.001	<.03
27886	<.001	<.03

21 **Splits**

Std Oxl 63	0.174	5.966
Blank	<.001	<.03

Certified Assayer:



PolyMet Laboratories

Client: Vault Minerals Inc.

CERTIFICATE 8196 Job No. 0-155

Date: Sept. 1 / 2010

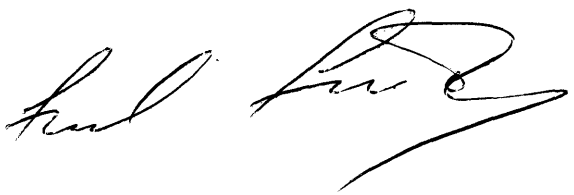
Splits

Sample #	**Au Oz/ton**	**g/tonne**
27887	<.001	<.03
27888	<.001	<.03
27889	<.001	<.03
27890	<.001	<.03
27891	<.001	<.03
27892	<.001	<.03
27893	<.001	<.03
27894	<.001	<.03
27895	<.001	<.03
27896	<.001	<.03
27897	<.001	<.03
27898	<.001	<.03
27899	<.001	<.03
27900	<.001	<.03
27901	<.001	<.03
27902	<.001	<.03
27903	<.001	<.03
27904	<.001	<.03
27905	0.004	0.137
27906	<.001	<.03
27907	<.001	<.03
27908	<.001	<.03

22 **Splits**

Std Oxl 63	0.174	5.966
Blank	<.001	<.03

Certified Assayer:



PolyMet Laboratories

Client: Vault Minerals Inc.

CERTIFICATE 8197 Job No. 0-155

Date:
Sept. 1 / 2010

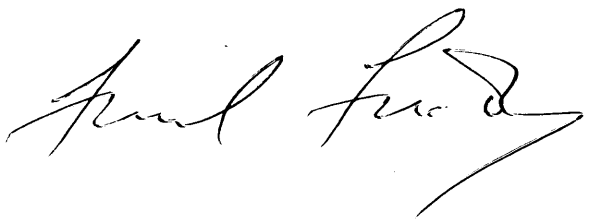
Splits

Sample #	**Au Oz/ton**	**g/tonne**
27909	0.050	1.714
27910	Pend	
27911	<.001	<.03
27912	Pend	
27913	0.018	0.617
27914	0.018	0.617
27915	0.012	0.411
27916	Pend	
27917	Pend	
27918	0.008	0.274
27919	Pend	
27920	<.001	<.03
27921	<.001	<.03
27922	<.001	<.03
27923	<.001	<.03
27924	Pend	
27925	<.001	<.03
27926	<.001	<.03
27927	0.020	0.686
27928	Pend	
27929	<.001	<.03
27930	<.001	<.03

15 **Splits**
7 **Pend**

Std Oxl 63	0.172	5.897
Blank	<.001	<.03

Certified Assayer:



PolyMet Laboratories

Client: Vault Minerals Inc.

CERTIFICATE 8198 Job No. 0-155

Date:
Sept. 1 / 2010

Splits

Sample #	**Au Oz/ton**	**g/tonne**
27931	0.018	0.617
27932	<.001	<.03
27933	<.001	<.03
27934	<.001	<.03
27935	<.001	<.03
27936	<.001	<.03
27937	<.001	<.03
27938	<.001	<.03
27939	<.001	<.03
27940	<.001	<.03
27941	0.002	0.069
27942	0.006	0.206
27943	0.002	0.069
27944	0.014	0.480
27945	0.024	0.823
27946	<.001	<.03
27947	0.166	5.691
27948	Pend	
27949	<.001	<.03
27950	<.001	<.03
34001	Pend	

19 **Splits**
2 **Pend**

Std Oxl 63	0.172	5.897
Blank	<.001	<.03

Certified Assayer:



PolyMet Laboratories

Client: Vault Minerals Inc.

CERTIFICATE 8199 Job No. 0-155

Date:
Sept. 1 / 2010

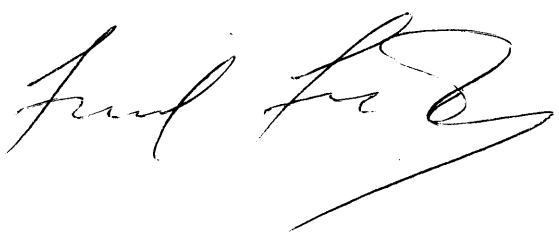
Splits

Sample #	**Au Oz/ton**	**g/tonne**
34002	<.001	<.03
34003	0.006	0.206
34004	<.001	<.03
34005	<.001	<.03
34006	Pend	
34007	<.001	<.03
34008	<.001	<.03
34009	0.002	0.069
34010	Pend	
34011	<.001	<.03
34012	Pend	
34013	Pend	
34014	<.001	<.03
34015	<.001	<.03
34016	0.010	0.343
34017	Pend	
34018	Pend	
34019	Pend	
34020	Pend	
34021	<.001	<.03
34022	<.001	<.03
34023	Pend	
34024	Pend	

13 **Splits**
10 **Pend**

Std Oxl 63	0.174	5.966
Blank	<.001	<.03

Certified Assayer:



PolyMet Laboratories

Client: Vault Minerals Inc.

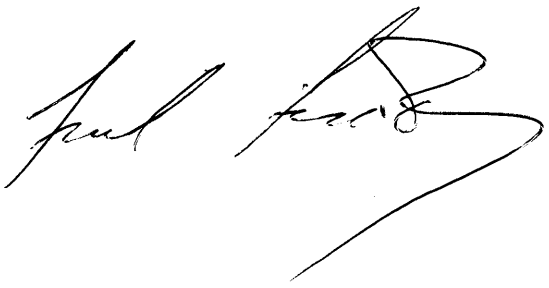
CERTIFICATE **8200** Job No. 0-155

Date: Sept. 1 / 10

	Original		Check	
Sample #	**Au Oz/ton**	**g/tonne**	**Au Oz/ton**	**g/tonne**
27910	0.048	1.646	0.050	1.714
27912	0.036	1.234	0.038	1.303
27916	0.050	1.714	0.038	1.303
27917	0.044	1.509	0.046	1.577
27919	0.036	1.234	0.032	1.097
27924	0.030	1.029	0.032	1.097
27928	0.054	1.851	0.050	1.714
27948	0.042	1.440	0.034	1.166
34001	0.186	6.377	0.154	5.280
34006	0.052	1.783	0.038	1.303
34010	0.062	2.126	0.066	2.263
34012	0.038	1.303	0.042	1.440
34013	0.044	1.509	0.048	1.646
34017	0.036	1.234	0.036	1.234
34018	0.052	1.783	0.098	3.360
34019	0.052	1.783	0.054	1.851
34020	0.086	2.949	0.068	2.331
34023	0.066	2.263	0.100	3.429
34024	0.240	8.229	0.230	7.886

19 +38

Certified Assayer:



PolyMet Labs
A Division of Polymet Resources Ltd.

1 Presley St, P.O. Box 699, Cobalt, Ontario, Canada P0J 1C0
Tel: (705) 679-5500 • Fax: (705) 679-5519
Email: info@polymetinc.com Website: www.polymetinc.com

Certificate of Analysis

Vault Minerals Inc

We certify that the assay results in the following Certificates are factual and true.

Certificate #'s 8208, 8209, 8210, & 8211

Certified by: _____
Chief Assayer

Certified by: _____
President/Manager

Date: September 2, 2010

Disclaimer: The results included on this report relate only to the items tested. The Certificate of Analysis should not be reproduced except in full, without the written approval of the laboratory.

PolyMet Laboratories

Client: Vault Minerals Inc.

CERTIFICATE 8208 Job No. 0-155

Date:
Sept. 2 / 2010

Splits

Sample #	**Au Oz/ton**	**g/tonne**
34804	0.022	0.754
34805	0.020	0.686
34806	<.001	<.03
34807	<.001	<.03
34808	0.050	1.714
34809	<.001	<.03
34810	<.001	<.03
34811	<.001	<.03
34812	<.001	<.03
34813	<.001	<.03
34814	0.010	0.343
34815	0.006	0.206
34816	0.008	0.274
34817	<.001	<.03
34818	<.001	<.03
34819	<.001	<.03
34820	0.010	0.343
34821	<.001	<.03
34822	<.001	<.03
34823	0.002	0.069
34824	<.001	<.03
34825	0.002	0.069
34826	<.001	<.03
34827	0.006	0.206

24 **Splits**

Std Oxl 63	0.174	5.966
Blank	<.001	<.03

Certified Assayer:



PolyMet Laboratories

Client: Vault Minerals Inc.

CERTIFICATE 8209 Job No. 0-155

Date:
Sept. 2 / 2010

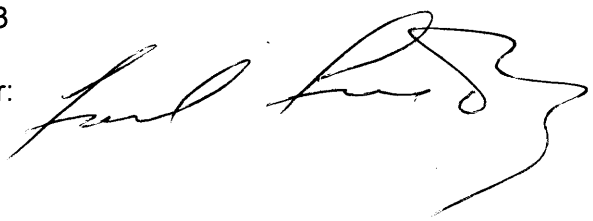
Splits

Sample #	**Au Oz/ton**	**g/tonne**
34828	0.006	0.206
34829	<.001	<.03
34830	<.001	<.03
34831	<.001	<.03
34832	0.004	0.137
34833	<.001	<.03
34834	0.024	0.823
34835	<.001	<.03
34836	Pend	
34837	0.002	0.069
34838	<.001	<.03
34839	<.001	<.03
34840	<.001	<.03
34841	<.001	<.03
34842	0.002	0.069
34843	0.159	5.451
34844	Pend	
34845	<.001	<.03
34846	<.001	<.03
34847	0.004	0.137
34848	0.008	0.274
34849	0.014	0.480

20 **Splits**
2 **Pend**

Std Oxl 63	0.176	6.034
Blank	<.001	<.03

Certified Assayer:



PolyMet Laboratories

Client: Vault Minerals Inc.

CERTIFICATE 8210 Job No. 0-155

Date:
Sept. 2 / 2010

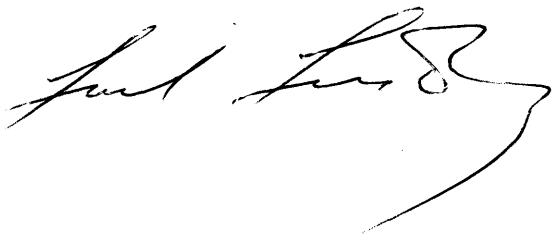
Splits

Sample #	**Au Oz/ton**	**g/tonne**
34850	<.001	<.03
34851	0.002	0.069
34852	0.012	0.411
34853	<.001	<.03
34854	0.002	0.069
34855	0.018	0.617
34856	0.012	0.411
34857	0.002	0.069
34858	<.001	<.03
34859	<.001	<.03
34860	0.049	1.680
34861	0.024	0.823
34862	0.006	0.206
34863	0.014	0.480
34864	Pend	
34865	<.001	<.03
34866	0.002	0.069
34867	0.008	0.274
34868	<.001	<.03
34869	<.001	<.03
34870	0.020	0.686

20 **Splits**
1 **Pend**

Std Oxl 63	0.176	6.034
Blank	<.001	<.03

Certified Assayer:



PolyMet Laboratories

		Client:	Vault Minerals Inc.
CERTIFICATE	**8211**	Job No.	0-155

Date:
Sept. 2 / 10

	Original		**Check**	
Sample #	**Au Oz/ton**	**g/tonne**	**Au Oz/ton**	**g/tonne**
34836	0.032	1.097	0.026	0.891
34844	0.044	1.509	0.046	1.577
34864	0.052	1.783	0.054	1.851

3 + 6

Certified Assayer:

PolyMet Labs
A Division of Polymet Resources Ltd.

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Tel: (705) 679-5500 • Fax: (705) 679-5519
Email: info@polymetinc.com Website: www.polymetinc.com

Certificate of Analysis

Vault Minerals Inc.

We certify that the assay results in the following Certificates are factual and true.

Certificate #'s 8243, 8244, 8245, 8246, 8247, 8248, 8249, 8250 & 8251

Certified by: _____
Chief Assayer

Certified by: _____
President/Manager

Date: September 10, 2010

Disclaimer: The results included on this report relate only to the items tested. The Certificate of Analysis should not be reproduced except in full, without the written approval of the laboratory.

PolyMet Laboratories

Client: Vault Minerals Inc.

CERTIFICATE 8243 Job No. 0-155

Date:
Sept. 9 / 2010

Splits

Sample #	**Au Oz/ton**	**g/tonne**
34025	<.001	<.03
34026	0.002	0.069
34027	0.002	0.069
34028	<.001	<.03
34029	0.002	0.069
34030	<.001	<.03
34031	0.018	0.617
34032	<.001	<.03
34328	<.001	<.03
34329	<.001	<.03
34330	<.001	<.03
34331	<.001	<.03
34332	0.008	0.274
34333	0.054	1.851
34334	<.001	<.03
34335	<.001	<.03
34336	<.001	<.03

17 **Splits**

Std Oxl 63	0.174	5.966
Blank	<.001	<.03

Certified Assayer:

PolyMet Laboratories

Client: Vault Minerals Inc.

CERTIFICATE 8244

Job No. 0-155

Date:
Sept. 9 / 2010

Splits

Sample #	**Au Oz/ton**	**g/tonne**
34337	0.002	0.069
34338	<.001	<.03
34339	<.001	<.03
34340	0.008	0.274
34341	0.008	0.274
34342	0.002	0.069
34343	0.028	0.960
34344	<.001	<.03
34345	0.028	0.960
34346	Pend	
34347	0.002	0.069
34348	<.001	<.03
34349	<.001	<.03
34350	<.001	<.03
34351	<.001	<.03
34352	<.001	<.03
34353	0.006	0.206
34354	0.014	0.480
34355	0.024	0.823
34356	<.001	<.03
34357	0.016	0.549
34358	0.012	0.411

21 **Splits**
1 **Pend**

Std Oxl 63	0.174	5.966
Blank	<.001	<.03

Certified Assayer:



PolyMet Laboratories

Client: Vault Minerals Inc.

CERTIFICATE 8245 Job No. 0-155

Date:
Sept. 9 / 2010

Splits

Sample #	**Au Oz/ton**	**g/tonne**
34359	0.006	0.206
34360	0.002	0.069
34361	0.028	0.960
34362	0.168	5.760
34363	Pend	
34364	Pend	
34365	Pend	
34366	Pend	
34367	<.001	<.03
34368	0.020	0.686
34369	Pend	
34370	0.014	0.480
34371	Pend	
34372	0.012	0.411
34373	Pend	
34374	Pend	
34375	<.001	<.03
34376	0.004	0.137
34377	0.022	0.754
34378	0.006	0.206
34379	<.001	<.03
34380	0.010	0.343

Std Oxl 63	0.174	5.966
Blank	<.001	<.03

14
15 **Splits**
7 **Pend**

Certified Assayer:

PolyMet Laboratories

Client: Vault Minerals Inc.

CERTIFICATE 8246 Job No. 0-155

Date:
Sept. 9 / 2010

Splits

Sample #	**Au Oz/ton**	**g/tonne**
34381	<.001	<.03
34382	<.001	<.03
34383	<.001	<.03
34384	0.002	0.069
34385	<.001	<.03
34386	<.001	<.03
34387	0.051	1.749
34388	0.002	0.069
34389	<.001	<.03
34390	0.002	0.069
34391	<.001	<.03
34392	<.001	<.03
34393	<.001	<.03
34394	<.001	<.03
34395	<.001	<.03
34396	<.001	<.03
34397	<.001	<.03
34398	<.001	<.03
34399	<.001	<.03
34400	0.006	0.206
34401	<.001	<.03

21 **Splits**

Std Oxl 63	0.176	6.034
Blank	<.001	<.03

Certified Assayer: 

PolyMet Laboratories

Client: Vault Minerals Inc.

CERTIFICATE 8247

Job No. 0-155

Date:
Sept. 9 / 2010

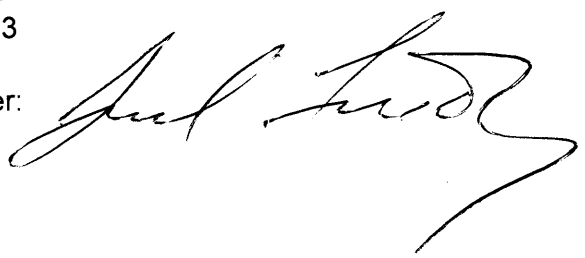
Splits

Sample #	**Au Oz/ton**	**g/tonne**
34402	0.016	0.549
34403	0.008	0.274
34404	<.001	<.03
34405	<.001	<.03
34406	<.001	<.03
34407	0.008	0.274
34408	<.001	<.03
34409	<.001	<.03
34410	<.001	<.03
34411	0.006	0.206
34412	0.004	0.137
34413	0.028	0.960
34414	0.002	0.069
34415	<.001	<.03
34416	<.001	<.03
34417	<.001	<.03
34418	0.002	0.069
34419	0.002	0.069
34420	<.001	<.03
34421	<.001	<.03
34422	0.158	5.417
34423	<.001	<.03

22 **Splits**

Std Oxl 63	0.176	6.034
Blank	<.001	<.03

Certified Assayer:



PolyMet Laboratories

Client: Vault Minerals Inc.

CERTIFICATE 8248 Job No. 0-155

Date:
Sept. 9 / 2010

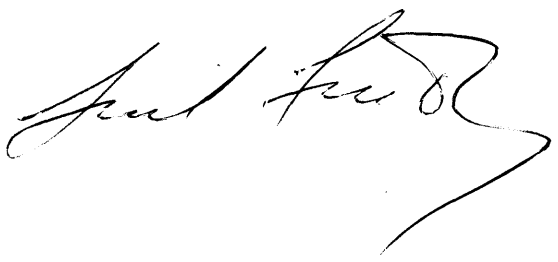
Splits

Sample #	**Au Oz/ton**	**g/tonne**
34424	0.002	0.069
34425	<.001	<.03
34426	<.001	<.03
34427	0.004	0.137
34428	<.001	<.03
34429	<.001	<.03
34430	<.001	<.03
34431	0.002	0.069
34432	<.001	<.03
34433	<.001	<.03
34959	<.001	<.03
34960	0.049	1.680
34961	<.001	<.03
34962	<.001	<.03
34963	0.002	0.069
34964	0.010	0.343
34965	0.006	0.206
34966	0.012	0.411
34967	0.002	0.069
34968	0.008	0.274
34969	0.004	0.137

21 **Splits**

Std Oxl 63	0.176	6.034
Blank	<.001	<.03

Certified Assayer:



PolyMet Laboratories

Client: Vault Minerals Inc.

CERTIFICATE 8249 Job No. 0-155

Date:
Sept. 9 / 2010

Splits

Sample #	**Au Oz/ton**	**g/tonne**
34970	0.002	0.069
34971	0.008	0.274
34972	<.001	<.03
34973	<.001	<.03
34974	0.002	0.069
34975	<.001	<.03
34976	<.001	<.03
34977	<.001	<.03
34978	0.002	0.069
34979	<.001	<.03
34980	<.001	<.03
34981	<.001	<.03
34982	0.164	5.623
34983	0.002	0.069
34984	<.001	<.03
34985	<.001	<.03
34986	<.001	<.03
34987	0.008	0.274
34988	0.002	0.069
34989	<.001	<.03
34990	<.001	<.03
34991	<.001	<.03

22 **Splits**

Std Oxl 63	0.176	6.034
Blank	<.001	<.03

Certified Assayer:



PolyMet Laboratories

Client: Vault Minerals Inc.

CERTIFICATE 8250

Job No. 0-155

Date:
Sept. 9 / 2010

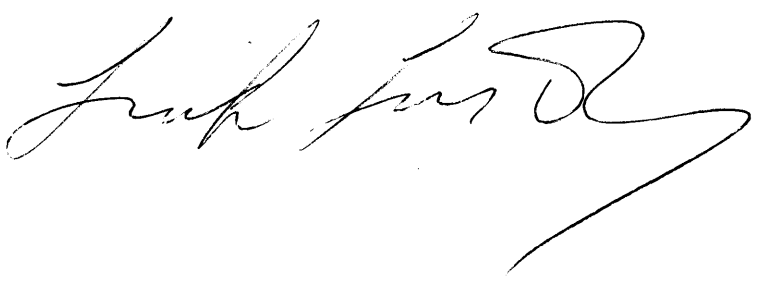
Splits

Sample #	**Au Oz/ton**	**g/tonne**
34992	<.001	<.03
34993	<.001	<.03
34994	<.001	<.03
34995	<.001	<.03
34996	<.001	<.03
34997	<.001	<.03
34998	0.028	0.960
34999	<.001	<.03
35000	0.050	1.714
45001	<.001	<.03
45002	0.002	0.069
45003	<.001	<.03
45004	<.001	<.03
45005	<.001	<.03
45006	<.001	<.03
45007	<.001	<.03
45008	<.001	<.03
45009	<.001	<.03
45010	<.001	<.03
45011	0.002	0.069
45012	<.001	<.03
45013	<.001	<.03
45014	<.001	<.03
45015	<.001	<.03

24 **Splits**

Std Oxl 63	0.178	6.103
Blank	<.001	<.03

Certified Assayer:



PolyMet Laboratories

Client: Vault Minerals Inc.

CERTIFICATE **8251**

Job No. 0-155

Date:
Sept. 9 / 10

	Original		Check	
Sample #	**Au Oz/ton**	**g/tonne**	**Au Oz/ton**	**g/tonne**
34346	0.046	1.577	0.042	1.440
34363	0.306	10.492	0.194	6.651
34364	0.110	3.771	0.244	8.366
34365	0.078	2.674	0.082	2.811
34366	0.266	9.120	0.250	8.572
34369	0.032	1.097	0.026	0.891
34371	0.044	1.509	0.036	1.234
34373	0.066	2.263	0.036	1.234
34374	0.032	1.097	0.024	0.823

9 + 18

Certified Assayer:

PolyMet Labs
A Division of Polymet Resources Ltd.

1 Presley St, P.O. Box 699, Cobalt, Ontario, Canada P0J 1C0
Tel: (705) 679-5500 • Fax: (705) 679-5519
Email: info@polymetinc.com Website: www.polymetinc.com

Certificate of Analysis

Vault Minerals Inc.

We certify that the assay results in the following Certificates are factual and true.

Certificate #'s 8287, 8288, 8289, 8290, 8291, 8292, 8293, 8294, 8295 & 8296

Certified by: _____
Chief Assayer

Certified by: _____
President/Manager

Date: September 15, 2010

Disclaimer: The results included on this report relate only to the items tested. The Certificate of Analysis should not be reproduced except in full, without the written approval of the laboratory.

PolyMet Laboratories

Client: Vault Minerals Inc.

CERTIFICATE 8287 Job No. 0-155

Date:
Sept. 15 / 2010

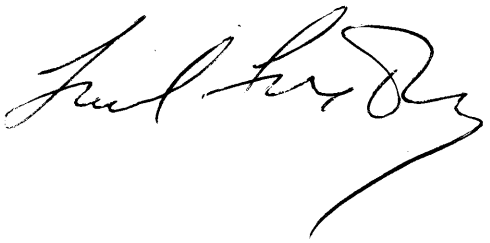
Splits

Sample #	**Au Oz/ton**	**g/tonne**
34434	<.001	<.03
34435	<.001	<.03
34436	Pend	
34437	0.002	0.069
34438	0.020	0.686
34439	0.028	0.960
34440	Pend	
34441	0.004	0.137
34442	0.052	1.783
34443	<.001	<.03
34444	<.001	<.03
34445	<.001	<.03
34446	<.001	<.03
34447	<.001	<.03
34448	Pend	
34449	0.002	0.069
34450	<.001	<.03
34451	<.001	<.03
34452	<.001	<.03

16 **Splits**
3 **Pend**

Std Oxl 63	0.174	5.966
Blank	<.001	<.03

Certified Assayer:



PolyMet Laboratories

Client: Vault Minerals Inc.

CERTIFICATE 8288 Job No. 0-155

Date:
Sept. 15 / 2010

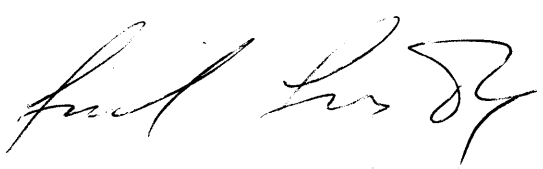
Splits

Sample #	**Au Oz/ton**	**g/tonne**
34453	0.002	0.069
34454	<.001	<.03
34455	<.001	<.03
34456	<.001	<.03
34457	<.001	<.03
34458	<.001	<.03
34459	<.001	<.03
34460	<.001	<.03
34461	<.001	<.03
34462	<.001	<.03
34463	<.001	<.03
34464	<.001	<.03
34465	<.001	<.03
34466	<.001	<.03
34467	<.001	<.03
34468	Pend	
34469	<.001	<.03
34470	<.001	<.03
34471	0.010	0.343
34472	0.008	0.274
34473	0.166	5.691
34474	0.002	0.069

21 **Splits**
1 **Pend**

Std Oxl 63	0.174	5.966
Blank	<.001	<.03

Certified Assayer:



PolyMet Laboratories

Client: Vault Minerals Inc.

CERTIFICATE 8289 Job No. 0-155

Date:
Sept. 15 / 2010

Splits

Sample #	**Au Oz/ton**	**g/tonne**
34475	<.001	<.03
34476	<.001	<.03
34477	<.001	<.03
34478	<.001	<.03
34479	<.001	<.03
34480	<.001	<.03
34481	<.001	<.03
34482	<.001	<.03
34483	<.001	<.03
34484	<.001	<.03
34485	<.001	<.03
34486	0.002	0.069
34487	<.001	<.03
34488	<.001	<.03
34489	0.008	0.274
34490	<.001	<.03
34491	<.001	<.03
34492	0.014	0.480
34493	0.020	0.686
34494	Pend	
34495	<.001	<.03

20 **Splits**
1 **Pend**

Std Oxl 63	0.176	6.034
Blank	<.001	<.03

Certified Assayer:



PolyMet Laboratories

Client: Vault Minerals Inc.

CERTIFICATE 8290 Job No. 0-155

Date:
Sept. 15 / 2010

Splits

Sample #	**Au Oz/ton**	**g/tonne**
34496	0.006	0.206
34497	<.001	<.03
34498	<.001	<.03
34499	<.001	<.03
34500	<.001	<.03
34501	<.001	<.03
34502	<.001	<.03
34503	0.048	1.646
34504	<.001	<.03
34505	<.001	<.03
34506	0.004	0.137
34507	<.001	<.03
34508	<.001	<.03
34509	0.010	0.343
34510	<.001	<.03
34511	<.001	<.03
34512	<.001	<.03
34513	<.001	<.03
34514	0.012	0.411
34515	<.001	<.03
26911	0.166	5.691
26912	0.002	0.069

22 **Splits**

Std Oxl 63	0.174	5.966
Blank	<.001	<.03

Certified Assayer:

PolyMet Laboratories

Client: Vault Minerals Inc.

CERTIFICATE 8291 Job No. 0-155

Date:
Sept. 15 / 2010

Splits

Sample #	**Au Oz/ton**	**g/tonne**
26913	<.001	<.03
26914	<.001	<.03
26915	<.001	<.03
26916	0.002	0.069
26917	0.016	0.549
26918	<.001	<.03
26919	0.002	0.069
26920	<.001	<.03
26921	<.001	<.03
26922	<.001	<.03
26923	0.006	0.206
26924	<.001	<.03
26925	<.001	<.03
26926	<.001	<.03
26927	0.008	0.274
26928	0.014	0.480
26929	0.024	0.823
26930	0.008	0.274
26931	0.006	0.206
26932	0.010	0.343
26933	0.028	0.960
26934	0.002	0.069

22 **Splits**

Std Oxl 63	0.172	5.897
Blank	<.001	<.03

Certified Assayer:

PolyMet Laboratories

Client: Vault Minerals Inc.

CERTIFICATE 8292 Job No. 0-155

Date:
Sept. 15 / 2010

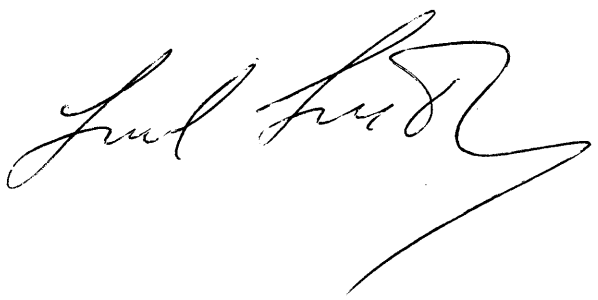
Splits

Sample #	**Au Oz/ton**	**g/tonne**
26935	0.010	0.343
26936	0.002	0.069
26937	<.001	<.03
26938	0.002	0.069
26939	<.001	<.03
26940	0.004	0.137
26941	0.006	0.206
26942	<.001	<.03
26943	<.001	<.03
26944	<.001	<.03
26945	0.004	0.137
26946	0.006	0.206
26947	<.001	<.03
26948	0.006	0.206
26949	0.012	0.411
26950	0.002	0.069
26951	0.002	0.069
26952	0.002	0.069
26953	0.049	1.680
26954	<.001	<.03
26955	<.001	<.03

21 **Splits**

Std Oxl 63	0.172	5.897
Blank	<.001	<.03

Certified Assayer:



PolyMet Laboratories

		Client:	Vault Minerals Inc.
CERTIFICATE	**8293**	Job No.	0-155

Date:
Sept. 15 / 2010

	Original		**Check**	
Sample #	**Au Oz/ton**	**g/tonne**	**Au Oz/ton**	**g/tonne**
34436	5.236	179.521	5.528	189.533
34440	0.092	3.154	0.052	1.783
34448	0.042	1.440	0.036	1.234
34468	0.048	1.646	0.042	1.440
34494	0.044	1.509	0.038	1.303

5 + 10

Certified Assayer:

PolyMet Laboratories

Client: Vault Minerals Inc.

CERTIFICATE 8294 Job No. 0-155

Date: **Splits**
Sept. 15 / 2010

Sample #	**Au Oz/ton**	**g/tonne**
26956	0.014	0.480
26957	0.010	0.343
26958	0.002	0.069
26959	0.020	0.686
26960	0.006	0.206
26961	0.002	0.069
26962	<.001	<.03
26963	<.001	<.03
26964	<.001	<.03
26965	0.004	0.137
26966	<.001	<.03
26967	<.001	<.03
26968	<.001	<.03
26969	<.001	<.03
26970	<.001	<.03

15 **Splits**

Std Oxl 63	0.172	5.897
Blank	<.001	<.03

Certified Assayer:

PolyMet Laboratories

Client: Vault Minerals Inc.

CERTIFICATE 8295

Job No. 0-155

Date:
Sept. 15 / 2010

Splits

Sample #	**Au Oz/ton**	**g/tonne**
26971	<.001	<.03
26972	<.001	<.03
26973	0.002	0.069
26974	<.001	<.03
26975	0.002	0.069
26976	<.001	<.03
26977	0.002	0.069
26978	0.002	0.069
26979	<.001	<.03
26980	<.001	<.03
26981	<.001	<.03
26982	<.001	<.03
26983	<.001	<.03
26984	<.001	<.03
26985	0.002	0.069
26986	<.001	<.03
26987	<.001	<.03
26988	<.001	<.03
26989	<.001	<.03
26990	0.169	5.794
26991	0.020	0.686
26992	<.001	<.03

22 **Splits**

Std Oxl 63	0.172	5.897
Blank	<.001	<.03

Certified Assayer: Carla Johnson

PolyMet Laboratories

Client: Vault Minerals Inc.
Job No. 0-155

CERTIFICATE 8296

Date:
Sept. 15 / 2010

Splits

Sample #	**Au Oz/ton**	**g/tonne**
26693	<.001	<.03
26694	<.001	<.03
26695	0.002	0.069
26696	0.006	0.206
26697	0.028	0.960
26698	<.001	<.03
26699	0.002	0.069
26700	<.001	<.03
26701	<.001	<.03
26702	0.028	0.960
26703	0.004	0.137
26704	<.001	<.03
26705	<.001	<.03
26706	<.001	<.03
26707	<.001	<.03
26708	<.001	<.03
26709	0.010	0.343
26710	0.002	0.069
26711	0.002	0.069
26712	0.002	0.069

20 **Splits**

Std Oxl 63	0.172	5.897
Blank	<.001	<.03

Certified Assayer: Carla Johnson

PolyMet Labs
A Division of Polymet Resources Ltd.

1 Presley St, P.O. Box 699, Cobalt, Ontario, Canada P0J 1C0
Tel: (705) 679-5500 • Fax: (705) 679-5519
Email: info@polymetinc.com Website: www.polymetinc.com

Certificate of Analysis

Vault Minerals Inc.

We certify that the assay results in the following Certificates are factual and true.

Certificate #'s 8320, 8321, 8322, 8323, 8324, 8325, 8326 & 8327

Certified by: _____
Chief Assayer

Certified by: _____
President/Manager

Date: September 17, 2010

Disclaimer: The results included on this report relate only to the items tested. The Certificate of Analysis should not be reproduced except in full, without the written approval of the laboratory.

PolyMet Laboratories

Client: Vault Minerals Inc.

CERTIFICATE 8320

Job No. 0-155

Date:
Sept. 17 / 2010

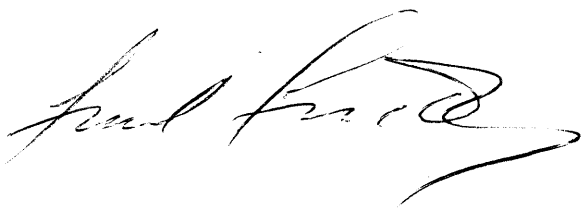
Splits

Sample #	**Au Oz/ton**	**g/tonne**
45016	<.001	<.03
45017	<.001	<.03
45018	<.001	<.03
45019	<.001	<.03
45020	<.001	<.03
45021	<.001	<.03
45022	0.002	0.069
45023	<.001	<.03
45024	<.001	<.03
45025	<.001	<.03
45026	<.001	<.03
45027	0.002	0.069
45028	<.001	<.03
45029	0.028	0.960
45030	<.001	<.03
45031	<.001	<.03
45032	<.001	<.03
45033	0.004	0.137
45034	0.004	0.137
45035	0.165	5.657
45036	0.002	0.069

21 **Splits**

Std Oxl 63	0.170	5.829
Blank	<.001	<.03

Certified Assayer:



PolyMet Laboratories

Client: Vault Minerals Inc.

CERTIFICATE 8321

Job No. 0-155

Date:
Sept. 17 / 2010

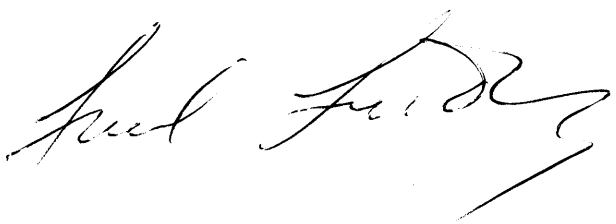
Splits

Sample #	**Au Oz/ton**	**g/tonne**
45037	<.001	<.03
45038	<.001	<.03
45039	<.001	<.03
45040	<.001	<.03
45041	<.001	<.03
45042	<.001	<.03
45043	<.001	<.03
45044	<.001	<.03
45045	<.001	<.03
45046	<.001	<.03
45047	<.001	<.03
45048	<.001	<.03
45049	0.002	0.069
45050	<.001	<.03
45051	<.001	<.03
45052	<.001	<.03
45053	<.001	<.03
45054	<.001	<.03
45055	0.002	0.069
45056	<.001	<.03
45057	0.048	1.646
45058	<.001	<.03

22 **Splits**

Std Oxl 63	0.170	5.829
Blank	<.001	<.03

Certified Assayer:



PolyMet Laboratories

Client: Vault Minerals Inc.

CERTIFICATE 8322

Job No. 0-155

Date:
Sept. 17 / 2010

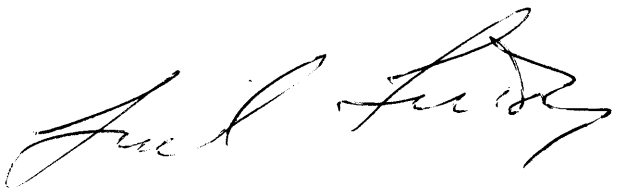
Splits

Sample #	**Au Oz/ton**	**g/tonne**
45059	0.002	0.069
45060	<.001	<.03
45061	<.001	<.03
45062	<.001	<.03
45063	<.001	<.03
45064	0.002	0.069
45065	0.006	0.206
45066	0.002	0.069
45067	<.001	<.03
45068	0.002	0.069
45069	<.001	<.03
45070	<.001	<.03
45071	<.001	<.03
45072	<.001	<.03
45073	<.001	<.03
45074	<.001	<.03

16 **Splits**

Std Oxl 63	0.172	5.897
Blank	<.001	<.03

Certified Assayer:



PolyMet Laboratories

Client: Vault Minerals Inc.

CERTIFICATE 8323 Job No. 0-155

Date:
Sept. 17 / 2010

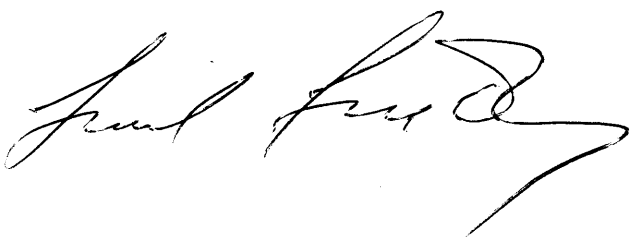
Splits

Sample #	**Au Oz/ton**	**g/tonne**
45075	0.166	5.691
45076	<.001	<.03
45077	<.001	<.03
45078	<.001	<.03
45079	<.001	<.03
45080	<.001	<.03
45081	<.001	<.03
45082	<.001	<.03
45083	<.001	<.03
45084	0.002	0.069
45085	<.001	<.03
45086	<.001	<.03
45087	<.001	<.03
45088	<.001	<.03
45089	<.001	<.03
45090	<.001	<.03
45091	<.001	<.03
45092	<.001	<.03
45093	<.001	<.03
45094	<.001	<.03
45095	<.001	<.03
45096	<.001	<.03

22 **Splits**

Std Oxl 63	0.172	5.897
Blank	<.001	<.03

Certified Assayer:



PolyMet Laboratories

Client: Vault Minerals Inc.

CERTIFICATE 8324 Job No. 0-155

Date:
Sept. 17 / 2010

Splits

Sample #	**Au Oz/ton**	**g/tonne**
45097	<.001	<.03
45098	<.001	<.03
45099	<.001	<.03
45100	<.001	<.03
45101	<.001	<.03
45102	<.001	<.03
45103	<.001	<.03
45104	<.001	<.03
45105	0.049	1.680
45106	<.001	<.03
45107	<.001	<.03
45108	<.001	<.03
45109	0.008	0.274
45110	<.001	<.03
45111	0.012	0.411
45112	<.001	<.03
45113	<.001	<.03
45114	<.001	<.03
45115	<.001	<.03
45116	<.001	<.03
45117	<.001	<.03
45118	<.001	<.03

22 **Splits**

Std Oxl 63	0.174	5.966
Blank	<.001	<.03

Certified Assayer:



PolyMet Laboratories

Client: Vault Minerals Inc.

CERTIFICATE 8325 Job No. 0-155

Date:
Sept. 17 / 2010

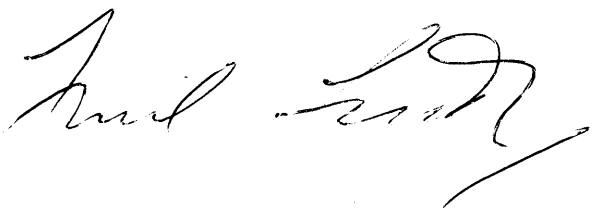
Splits

Sample #	**Au Oz/ton**	**g/tonne**
45119	<.001	<.03
45120	<.001	<.03
45121	<.001	<.03
45122	<.001	<.03
45123	<.001	<.03
45124	0.160	5.486
45125	<.001	<.03
45126	<.001	<.03
45127	<.001	<.03
45128	<.001	<.03
45129	<.001	<.03
45130	<.001	<.03
45131	<.001	<.03
45132	<.001	<.03
45133	<.001	<.03
45134	<.001	<.03
45135	<.001	<.03
45136	<.001	<.03
45137	<.001	<.03
45138	<.001	<.03
45139	<.001	<.03

21 **Splits**

Std Oxl 63	0.174	5.966
Blank	<.001	<.03

Certified Assayer:



PolyMet Laboratories

Client: Vault Minerals Inc.

CERTIFICATE 8326

Job No. 0-155

Date:
Sept. 17 / 2010

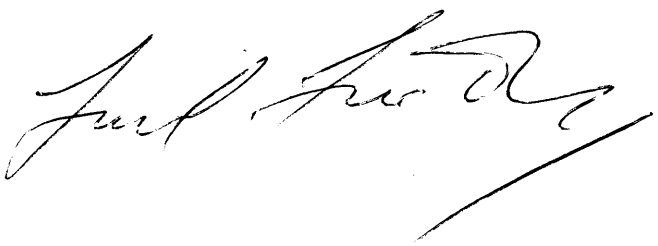
Splits

Sample #	**Au Oz/ton**	**g/tonne**
45140	<.001	<.03
45141	<.001	<.03
45142	<.001	<.03
45143	<.001	<.03
45144	<.001	<.03
45145	<.001	<.03
45146	<.001	<.03
45147	<.001	<.03
45148	0.010	0.343
45149	<.001	<.03
45150	<.001	<.03
45151	<.001	<.03
45152	0.051	1.749
45153	0.004	0.137
45154	0.022	0.754
45155	0.006	0.206
45156	<.001	<.03
45157	0.008	0.274
45158	0.002	0.069
45159	<.001	<.03
45160	0.002	0.069
45161	<.001	<.03

22 **Splits**

Std Oxl 63	0.174	5.966
Blank	<.001	<.03

Certified Assayer:



PolyMet Laboratories

Client: Vault Minerals Inc.

CERTIFICATE 8327 Job No. 0-155

Date:
Sept. 17 / 2010

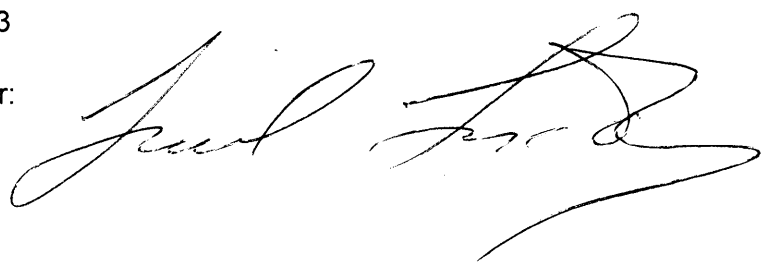
Splits

Sample #	**Au Oz/ton**	**g/tonne**
45162	<.001	<.03
45163	<.001	<.03
45164	<.001	<.03
45165	<.001	<.03
45166	0.028	0.960
45167	<.001	<.03
45168	<.001	<.03
45169	<.001	<.03
45170	<.001	<.03
45171	<.001	<.03
45172	<.001	<.03
45173	<.001	<.03
45174	<.001	<.03
45175	<.001	<.03
45176	<.001	<.03
45177	<.001	<.03
45178	<.001	<.03
45179	<.001	<.03
45180	<.001	<.03
45181	<.001	<.03
45182	<.001	<.03

21 **Splits**

Std Oxl 63	0.174	5.966
Blank	<.001	<.03

Certified Assayer:



PolyMet Labs
A Division of Polymet Resources Ltd.

1 Presley St, P.O. Box 699, Cobalt, Ontario, Canada P0J 1C0
Tel: (705) 679-5500 • Fax: (705) 679-5519
Email: info@polymetinc.com Website: www.polymetinc.com

Certificate of Analysis

Vault Minerals Inc.

We certify that the assay results in the following Certificates are factual and true.

Certificate #'s 8393, 8394, 8395, 8396, 8397, 8398, 8399, 8400, 8401, 8402, 8403, 8404 & 8405

Certified by: _____
Chief Assayer

Certified by: _____
President/Manager

Date: September 27, 2010

Disclaimer: The results included on this report relate only to the items tested. The Certificate of Analysis should not be reproduced except in full, without the written approval of the laboratory.

PolyMet Laboratories

Client: Vault Minerals Inc.

CERTIFICATE 8393 Job No. 0-155

Date:
Sept. 24 / 2010

Splits

Sample #	**Au Oz/ton**	**g/tonne**
27013	<.001	<.03
27014	0.002	0.069
27015	0.002	0.069
27016	0.002	0.069
27017	0.002	0.069
27018	0.002	0.069
27019	0.020	0.686
27020	Pend	
27021	0.004	0.137
27022	0.018	0.617
27023	0.010	0.343
27024	0.049	1.680
27025	Pend	
27026	0.022	0.754
27027	0.010	0.343

13 **Splits**
2 **Pend**

Std Oxl 63	0.176	6.034
Blank	<.001	<.03

Certified Assayer:

PolyMet Laboratories

Client: Vault Minerals Inc.

CERTIFICATE 8394 Job No. 0-155

Date:
Sept. 24 / 2010

Splits

Sample #	**Au Oz/ton**	**g/tonne**
27028	<.001	<.03
27029	<.001	<.03
27030	<.001	<.03
27031	0.006	0.206
27032	<.001	<.03
27033	<.001	<.03
27034	0.022	0.754
27035	0.004	0.137
27036	0.010	0.343
27037	0.006	0.206
27038	0.020	0.686
27039	<.001	<.03
27040	0.004	0.137
27041	0.004	0.137
27042	<.001	<.03
27043	0.002	<.03
27044	0.008	0.274
27045	<.001	<.03
27046	<.001	<.03
27047	0.002	0.069
27048	<.001	<.03

21 **Splits**

Std Oxl 63	0.176	6.034
Blank	<.001	<.03

Certified Assayer:

PolyMet Laboratories

Client: Vault Minerals Inc.

CERTIFICATE 8395 Job No. 0-155

Date:
Sept. 24 / 2010

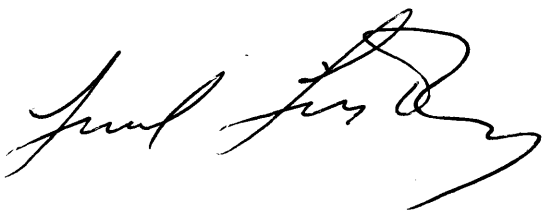
Splits

Sample #	**Au Oz/ton**	**g/tonne**
27049	<.001	<.03
27050	<.001	<.03
27051	0.002	0.069
27052	0.002	0.069
27053	<.001	<.03
27054	0.014	0.480
27055	<.001	<.03
27056	<.001	<.03
27057	0.016	0.549
27058	0.004	0.137
27059	<.001	<.03
27060	0.168	5.760
27061	0.006	0.206
27062	<.001	<.03
27063	0.010	0.343
27064	<.001	<.03
27065	0.010	0.343
27066	<.001	<.03
27067	<.001	<.03
27068	<.001	<.03
27069	0.010	0.343
27070	<.001	<.03

22 **Splits**

Std Oxl 63	0.174	5.966
Blank	<.001	<.03

Certified Assayer:



PolyMet Laboratories

Client: Vault Minerals Inc.

CERTIFICATE 8396

Job No. 0-155

Date:
Sept. 24 / 2010

Splits

Sample #	**Au Oz/ton**	**g/tonne**
27071	0.002	0.069
27072	<.001	<.03
27073	Pend	
27074	<.001	<.03
27075	<.001	<.03
27076	<.001	<.03
27077	<.001	<.03
27078	<.001	<.03
27079	<.001	<.03
27080	<.001	<.03
27081	0.006	0.206
27082	<.001	<.03
27083	0.006	0.206
27084	<.001	<.03
27085	<.001	<.03
27086	<.001	<.03
27087	<.001	<.03
27088	<.001	<.03
27089	0.006	0.206
27090	0.002	0.069
27091	<.001	<.03

Std Oxl 63	0.174	5.966
Blank	<.001	<.03

20 **Splits**
1 **Pend**

Certified Assayer:



PolyMet Laboratories

Client: Vault Minerals Inc.

CERTIFICATE 8397 Job No. 0-155

Date:
Sept. 24 / 2010

Splits

Sample #	**Au Oz/ton**	**g/tonne**
27092	0.043	1.474
27093	<.001	<.03
27094	0.020	0.686
27095	<.001	<.03
27096	<.001	<.03
27097	Pend	
27098	<.001	<.03
27099	<.001	<.03
27100	Pend	
27101	<.001	<.03
27102	<.001	<.03
27103	<.001	<.03
27104	<.001	<.03
27105	<.001	<.03
27106	<.001	<.03
27107	<.001	<.03
27108	<.001	<.03
27109	<.001	<.03
27110	<.001	<.03
27111	0.028	0.960
27112	<.001	<.03
27113	<.001	<.03

20 **Splits**
2 **Pend**

Std Oxl 63	0.174	5.966
Blank	<.001	<.03

Certified Assayer:

PolyMet Laboratories

Client: Vault Minerals Inc.

CERTIFICATE 8398 Job No. 0-155

Date:
Sept. 24 / 2010

Splits

Sample #	**Au Oz/ton**	**g/tonne**
27114	<.001	<.03
27115	<.001	<.03
27116	<.001	<.03
27117	<.001	<.03
27118	0.002	0.069
27119	0.002	0.069
27120	<.001	<.03
27121	<.001	<.03
27122	<.001	<.03
27123	<.001	<.03
27124	<.001	<.03
27125	0.160	5.486
27126	<.001	<.03
27127	<.001	<.03
27128	<.001	<.03
27129	<.001	<.03
27130	<.001	<.03
27131	<.001	<.03
27132	<.001	<.03
27133	<.001	<.03
27134	<.001	<.03

21 **Splits**

Std Oxl 63	0.174	5.966
Blank	<.001	<.03

Certified Assayer:



PolyMet Laboratories

Client: Vault Minerals Inc.

CERTIFICATE 8399 Job No. 0-155

Date:
Sept. 24 / 2010

Splits

Sample #	**Au Oz/ton**	**g/tonne**
45183	<.001	<.03
45184	<.001	<.03
45185	<.001	<.03
45186	0.160	5.486
45187	<.001	<.03
45188	<.001	<.03
45189	0.004	0.137
45190	0.020	0.686
45191	0.018	0.617
45192	0.006	0.206
45193	<.001	<.03
45194	<.001	<.03
45195	<.001	<.03
45196	<.001	<.03
45197	<.001	<.03
45198	<.001	<.03
45199	<.001	<.03
45200	<.001	<.03
45201	<.001	<.03
45202	<.001	<.03
45203	<.001	<.03
45204	<.001	<.03

22 **Splits**

Std Oxl 63	0.172	5.897
Blank	<.001	<.03

Certified Assayer:



PolyMet Laboratories

Client: Vault Minerals Inc.

CERTIFICATE 8400 Job No. 0-155

Date:
Sept. 24 / 2010

Splits

Sample #	**Au Oz/ton**	**g/tonne**
45205	<.001	<.03
45206	<.001	<.03
45207	<.001	<.03
45208	0.050	1.714
45209	<.001	<.03
45210	<.001	<.03
45211	<.001	<.03
45212	<.001	<.03
45213	<.001	<.03
45214	<.001	<.03
45215	<.001	<.03
45216	<.001	<.03
45217	0.158	5.417
45218	<.001	<.03
45219	0.002	0.069
45220	0.012	0.411
45221	<.001	<.03
45222	<.001	<.03
45223	<.001	<.03
45224	<.001	<.03
45225	<.001	<.03
45226	<.001	<.03

22 **Splits**

Std Oxl 63	0.172	5.897
Blank	<.001	<.03

Certified Assayer:

PolyMet Laboratories

Client: Vault Minerals Inc.

CERTIFICATE 8401 Job No. 0-155

Date:
Sept. 24 / 2010

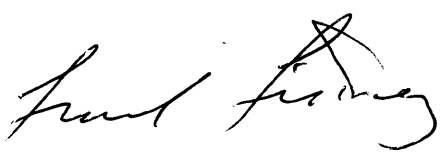
Splits

Sample #	**Au Oz/ton**	**g/tonne**
45227	<.001	<.03
45228	0.008	0.274
45229	<.001	<.03
45230	<.001	<.03
45231	<.001	<.03
45232	0.004	0.137
45233	0.002	0.069
45234	<.001	<.03
45235	<.001	<.03
45236	<.001	<.03
45237	<.001	<.03
45238	<.001	<.03
45239	0.008	0.274
45240	0.004	0.137
45241	<.001	<.03
45242	0.165	5.657
45243	<.001	<.03
45244	<.001	<.03
45245	0.002	0.069
45246	<.001	<.03
45247	<.001	<.03

21 **Splits**

Std Oxl 63	0.172	5.897
Blank	<.001	<.03

Certified Assayer:



PolyMet Laboratories

Client: Vault Minerals Inc.

CERTIFICATE 8402

Job No. 0-155

Date:
Sept. 24 / 2010

Splits

Sample #	**Au Oz/ton**	**g/tonne**
45248	<.001	<.03
45249	<.001	<.03
45250	<.001	<.03
45251	<.001	<.03
45252	0.012	0.411
45253	0.004	0.137
45254	0.004	0.137
45255	<.001	<.03
45256	<.001	<.03
45257	0.004	0.137
45258	<.001	<.03
45259	0.010	0.343
45260	<.001	<.03
45261	<.001	<.03
45262	0.050	1.714
45263	<.001	<.03
45264	0.002	0.069
45265	<.001	<.03
45266	<.001	<.03
45267	0.014	0.480
45268	0.012	0.411
45269	0.018	0.617

22 **Splits**

Std Oxl 63	0.172	5.897
Blank	<.001	<.03

Certified Assayer:



PolyMet Laboratories

		Client:	Vault Minerals Inc.
CERTIFICATE	**8403**	Job No.	0-155

Date:
Sept. 24, 21010

	Original		**Check**	
Sample #	**Au Oz/ton**	**g/tonne**	**Au Oz/ton**	**g/tonne**
27020	0.092	3.154	0.118	4.046
27025	0.050	1.714	0.076	2.606
27073	0.060	2.057	0.048	1.646
27097	0.038	1.303	0.032	1.097
27100	0.084	2.880	0.062	2.126

5 + 10

Certified Assayer:

PolyMet Laboratories

Client: Vault Minerals Inc.

CERTIFICATE 8404 Job No. 0-155

Date:
Sept. 27 / 2010

Splits

Sample #	**Au Oz/ton**	**g/tonne**
45270	Pend	
45271	Pend	
45272	Pend	
45273	Pend	
45274	<.001	<.03
45275	0.028	0.960
45276	0.016	0.549
45277	Pend	
45278	Pend	
45279	Pend	

3 **Splits**
7 **Pend**

Std Oxl 63	0.174	5.966
Blank	<.001	<.03

Certified Assayer:

PolyMet Laboratories

Client: Vault Minerals Inc.

CERTIFICATE **8405** Job No. 0-155

Date: Sept. 27 / 2010

	Original		Check	
Sample #	**Au Oz/ton**	**g/tonne**	**Au Oz/ton**	**g/tonne**
45270	0.088	3.017	0.088	3.017
45271	0.040	1.371	0.038	1.303
45272	0.098	3.360	0.106	3.634
45273	0.154	5.280	0.148	5.074
45277	0.036	1.234	0.044	1.509
45278	0.082	2.811	0.076	2.606
45279	0.232	7.954	0.258	8.846

7 + 14

Certified Assayer:

PolyMet Labs
A Division of Polymet Resources Ltd.

1 Presley St, P.O. Box 699, Cobalt, Ontario, Canada P0J 1C0
Tel: (705) 679-5500 • Fax: (705) 679-5519
Email: info@polymetinc.com Website: www.polymetinc.com

Certificate of Analysis

Vault Minerals Inc.

We certify that the assay results in the following Certificates are factual and true.

Certificate #'s 8500, 8501, 8502, 8503, 8504, 8505, & 8506

Certified by: _____
Chief Assayer

Certified by: _____
President/Manager

Date: October 6, 2010

Disclaimer: The results included on this report relate only to the items tested. The Certificate of Analysis should not be reproduced except in full, without the written approval of the laboratory.

PolyMet Laboratories

Client: Vault Minerals Inc.

CERTIFICATE 8500

Job No. 0-155

Date:
Oct. 6, 2010

Splits

Sample #	**Au Oz/ton**	**g/tonne**
47159	<.001	<.03
47160	<.001	<.03
47161	<.001	<.03
47162	<.001	<.03
47163	0.004	0.137
47164	<.001	<.03
47165	<.001	<.03
47166	0.012	0.411
47167	<.001	<.03
47168	0.010	0.343
47169	0.002	0.069
47170	Pd	
47171	<.001	<.03
47172	0.004	0.137
47173	Pd	

13 **Splits**
2 **Pend**

Std Oxl 63	0.178	6.103
Blank	<.001	<.03

Certified Assayer: Carla Johnson

PolyMet Laboratories

Client: Vault Minerals Inc.

CERTIFICATE 8501 Job No. 0-155

Date: Oct. 6, 2010

Splits

Sample #	**Au Oz/ton**	**g/tonne**
47174	<.001	<.03
47175	Pd	
47176	<.001	<.03
47177	Pd	
47178	<.001	<.03
47179	0.002	0.069
47180	<.001	<.03
47181	<.001	<.03
47182	<.001	<.03
47183	0.002	0.069
47184	<.001	<.03
47185	<.001	<.03
47186	<.001	<.03
47187	<.001	<.03
47188	0.164	5.623
47189	<.001	<.03
47190	<.001	<.03
47191	<.001	<.03
47192	<.001	<.03
47193	<.001	<.03
47194	<.001	<.03
47195	0.002	0.069

20 **Splits**
2 **Pend**

Std Oxl 63	0.178	6.103
Blank	<.001	<.03

Certified Assayer: Carla Johnson

PolyMet Laboratories

Client: Vault Minerals Inc.

CERTIFICATE 8502 Job No. 0-155

Date: Oct. 6, 2010

Splits

Sample #	**Au Oz/ton**	**g/tonne**
47196	<.001	<.03
47197	<.001	<.03
47198	<.001	<.03
47199	<.001	<.03
47200	<.001	<.03
47201	<.001	<.03
47202	<.001	<.03
47203	<.001	<.03
47204	<.001	<.03
47205	0.026	0.891
47206	<.001	<.03
47207	<.001	<.03
47208	Pd	
47209	<.001	<.03
47210	<.001	<.03
47211	<.001	<.03
47212	0.008	0.274
47213	<.001	<.03
47214	<.001	<.03
47215	0.022	0.754
47216	<.001	<.03
47217	<.001	<.03

21 **Splits**
1 **Pend**

Std Oxl 63	0.176	6.034
Blank	<.001	<.03

Certified Assayer: Carla Johnson

PolyMet Laboratories

Client: Vault Minerals Inc.

CERTIFICATE 8503 Job No. 0-155

Date:
Oct. 6, 2010

Splits

Sample #	**Au Oz/ton**	**g/tonne**
47218	0.049	1.680
63951	<.001	<.03
63952	0.002	0.069
63953	0.024	0.823
63954	0.004	0.137
63955	<.001	<.03
63956	<.001	<.03
63957	0.002	0.069
63958	0.028	0.960
63959	0.028	0.960
63960	Pd	
63961	Pd	
63962	Pd	
27606	<.001	<.03
27607	0.165	5.657
27608	<.001	<.03
27609	0.006	0.206
27610	<.001	<.03
27611	0.004	0.137
27612	0.002	0.069
27613	<.001	<.03

18 **Splits**
3 **Pend**

Std Oxl 63	0.176	6.034
Blank	<.001	<.03

Certified Assayer: Carla Johnson

PolyMet Laboratories

Client: Vault Minerals Inc.

CERTIFICATE 8504

Job No. 0-155

Date:
Oct. 6, 2010

Splits

Sample #	**Au Oz/ton**	**g/tonne**
27614	0.002	0.069
27615	<.001	<.03
27616	0.020	0.686
27617	0.006	0.206
27618	<.001	<.03
27619	<.001	<.03
27620	<.001	<.03
27621	0.051	1.749
27622	<.001	<.03
27623	0.018	0.617
27624	0.002	0.069
27625	<.001	<.03
27626	0.008	0.274
27627	0.014	0.480
27628	Pd	
27629	0.002	0.069
27630	0.014	0.480
27631	0.002	0.069
27632	<.001	<.03
27633	<.001	<.03
27634	<.001	<.03
27635	<.001	<.03

21 **Splits**
1 **Pend**

Std Oxl 63	0.174	5.966
Blank	<.001	<.03

Certified Assayer: Carla Johnson

PolyMet Laboratories

Client: Vault Minerals Inc.

CERTIFICATE 8505 Job No. 0-155

Date:
Oct. 6, 2010

Splits

Sample #	**Au Oz/ton**	**g/tonne**
27636	<.001	<.03
27637	<.001	<.03
27638	<.001	<.03
27639	<.001	<.03
27640	<.001	<.03
27641	0.016	0.549
27642	<.001	<.03
27643	Pd	
27644	<.001	<.03
27645	0.014	0.480
27646	<.001	<.03
27647	<.001	<.03
27648	0.022	0.754

12 **Splits**
1 **Pend**

Std Oxl 63	0.174	5.966
Blank	<.001	<.03

Certified Assayer: Carla Johnson

PolyMet Laboratories

		Client:	Vault Minerals Inc.
CERTIFICATE	**8506**	Job No.	0-155

Date:
Oct. 6, 2010

	Original		**Check**	
Sample #	**Au Oz/ton**	**g/tonne**	**Au Oz/ton**	**g/tonne**
47170	0.086	2.949	0.088	3.017
47173	0.046	1.577	0.064	2.194
47175	0.076	2.606	0.062	2.126
47177	0.034	1.166	0.028	0.960
47208	0.220	7.543	0.254	8.709
63960	0.052	1.783	0.058	1.989
63961	0.036	1.234	0.030	1.029
63962	0.032	1.097	0.030	1.029
27628	0.032	1.097	0.040	1.371
27643	0.126	4.320	0.140	4.800

10 + 20

Certified Assayer: Carla Johnson

PolyMet Labs
A Division of Polymet Resources Ltd.

1 Presley St, P.O. Box 699, Cobalt, Ontario, Canada P0J 1C0
Tel: (705) 679-5500 • Fax: (705) 679-5519
Email: info@polymetinc.com Website: www.polymetinc.com

Certificate of Analysis

Vault Minerals Inc.

We certify that the assay results in the following Certificates are factual and true.

Certificate #'s 8585, 8586, 8587, 8588, 8589, & 8590

Certified by: _____
Chief Assayer

Certified by: _____
President/Manager

Date: Oct. 18, 2010

Disclaimer: The results included on this report relate only to the items tested. The Certificate of Analysis should not be reproduced except in full, without the written approval of the laboratory.

PolyMet Laboratories

Client: Vault Minerals Inc.

CERTIFICATE 8585 Job No. 0-155

Date:
Oct. 18, 2010

Splits

Sample #	**Au Oz/ton**	**g/tonne**
45343	0.002	0.069
45344	<.001	<.03
45345	0.006	0.206
45346	Pend	
45347	<.001	<.03
45348	Pend	
45349	0.022	0.754
45350	0.164	5.623
45351	0.018	0.617
45352	0.016	0.549
45353	<.001	<.03
45354	Pend	
45355	0.022	0.754
45356	Pend	
45357	0.028	0.960
45358	0.018	0.617
45359	Pend	
45360	0.012	0.411
45361	0.002	0.069
45362	<.001	<.03

15 **Splits**
5 **Pend**

Std Oxl 63	0.172	5.897
Blank	<.001	<.03

Certified Assayer: Barbara Johnson

PolyMet Laboratories

Client: Vault Minerals Inc.
Job No. 0-155

CERTIFICATE 8586

Date:
Oct. 18, 2010

Splits

Sample #	**Au Oz/ton**	**g/tonne**
45363	<.001	<.03
45364	<.001	<.03
45365	0.012	0.411
45366	<.001	<.03
45367	Pend	
45368	0.020	0.686
45369	<.001	<.03
45370	0.026	0.891
45371	<.001	<.03
45372	0.010	0.343
45373	0.053	1.817
45374	0.006	0.206
45375	0.016	0.549
45376	0.002	0.069
45377	0.002	0.069
45378	0.026	0.891
45379	0.002	0.069
45380	<.001	<.03
45381	<.001	<.03
45382	0.008	0.274
45383	<.001	<.03
45384	0.016	0.549

21 **Splits**
1 **Pend**

Std Oxl 63	0.176	6.034
Blank	<.001	<.03

Certified Assayer: Carla Johnson

PolyMet Laboratories

Client: Vault Minerals Inc.

CERTIFICATE 8587

Job No. 0-155

Date:
Oct. 18, 2010

Splits

Sample #	**Au Oz/ton**	**g/tonne**
45385	0.014	0.480
45386	0.010	0.343
45387	0.006	0.206
45388	0.008	0.274
45389	Pend	
45390	0.028	0.960
45391	Pend	
45392	Pend	
45393	0.014	0.480
45394	Pend	
45395	<.001	<.03
45396	<.001	<.03
45397	<.001	<.03
45398	<.001	<.03
45399	<.001	<.03
45400	0.020	0.686
45401	Pend	
45402	<.001	<.03
45403	0.014	0.480
45404	0.166	5.691
45405	0.020	0.686

16 **Splits**
5 **Pend**

Std Oxl 63	0.176	6.034
Blank	<.001	<.03

Certified Assayer: Carla Johnson

PolyMet Laboratories

Client: Vault Minerals Inc.

CERTIFICATE 8588 Job No. 0-155

Date:
Oct. 18, 2010

Splits

Sample #	**Au Oz/ton**	**g/tonne**
45406	0.018	0.617
45407	0.002	0.069
45408	<.001	<.03
47297	<.001	<.03
47298	0.012	0.411
47299	0.018	0.617
47300	0.002	0.069
47301	0.006	0.206
47302	0.012	0.411
47303	0.002	0.069
47304	<.001	<.03
47305	0.014	0.480
47309	0.002	0.069
47310	0.006	0.206
47311	0.002	0.069
47312	0.028	0.960
47313	Pend	
47314	<.001	<.03
47315	0.010	0.343
47316	<.001	<.03
47317	<.001	<.03
47318	<.001	<.03

21 **Splits**
1 **Pend**

Std Oxl 63	0.176	6.034
Blank	<.001	<.03

Certified Assayer:

PolyMet Laboratories

Client: Vault Minerals Inc.

CERTIFICATE 8589

Job No. 0-155

Date:
Oct. 18, 2010

Splits

Sample #	**Au Oz/ton**	**g/tonne**
47319	<.001	<.03
47320	<.001	<.03
47321	Pend	
47322	<.001	<.03
47323	0.002	0.069
47324	0.006	0.206
47325	<.001	<.03
47326	0.167	5.726
47327	0.002	0.069
47328	0.008	0.274
47329	0.002	0.069
47330	<.001	<.03
47331	<.001	<.03
47332	<.001	<.03
47333	<.001	<.03
47334	<.001	<.03
47335	<.001	<.03
47336	0.016	0.549
47337	0.006	0.206
47338	0.018	0.617
47339	<.001	<.03
47340	0.010	0.343
47341	0.002	0.069

22 **Splits**
1 **Pend**

Std Oxl 63	0.176	6.034
Blank	<.001	<.03

Certified Assayer: Barb Johnson

PolyMet Laboratories

		Client:	Vault Minerals Inc.
CERTIFICATE	**8590**	Job No.	0-155

Date:
Oct. 18, 2010

	Original		**Check**	
Sample #	**Au Oz/ton**	**g/tonne**	**Au Oz/ton**	**g/tonne**
45367	0.034	1.166	0.034	1.166
45389	0.034	1.166	0.034	1.166
45391	0.054	1.851	0.040	1.371
45392	0.066	2.263	0.058	1.989
45394	0.058	1.989	0.034	1.166
45401	0.046	1.577	0.044	1.509
47313	0.292	10.012	0.454	15.566
47321	0.046	1.577	0.058	1.989

8 + 16

Certified Assayer: Earle Johnson

PolyMet Labs
A Division of Polymet Resources Ltd.

1 Presley St, P.O. Box 699, Cobalt, Ontario, Canada P0J 1C0
Tel: (705) 679-5500 • Fax: (705) 679-5519
Email: info@polymetinc.com Website: www.polymetinc.com

Certificate of Analysis

Vault Minerals Inc.

We certify that the assay results in the following Certificates are factual and true.

Certificate #'s 8861, 8862, 8863, 8864, 8865, 8866, 8867, 8868, 8869, 8870, & 8871

Certified by: _____
Chief Assayer

Certified by: _____
President/Manager

Date: Nov. 11, 2010

Disclaimer: The results included on this report relate only to the items tested. The Certificate of Analysis should not be reproduced except in full, without the written approval of the laboratory.

PolyMet Laboratories

Client: Vault Minerals Inc.

CERTIFICATE 8861

Job No. 0-155

Date:
Nov. 11, 2010

Splits

Sample #	**Au Oz/ton**	**g/tonne**
45945	0.002	0.069
45946	0.008	0.274
45947	0.028	0.960
45948	0.022	0.754
45949	0.046	1.577
45950	Pend	
45951	Pend	
45952	<.001	<.03
45953	Pend	
45954	Pend	
45955	0.026	0.891
45956	0.028	0.960
45957	<.001	<.03
45958	<.001	<.03
45959	<.001	<.03
45960	0.002	0.069
45961	0.006	0.206
45962	<.001	<.03
45963	<.001	<.03
45964	<.001	<.03
45965	0.002	0.069
45966	<.001	<.03
45967	<.001	<.03
45968	<.001	<.03
45969	0.002	0.069
45970	0.153	5.246
45971	0.002	0.069
45972	0.002	0.069
45973	<.001	<.03

25 **Splits**
4 **Pend**

Std OxL 78	0.176	6.034
Blank	<.001	<.03

Certified Assayer:

PolyMet Laboratories

Client: Vault Minerals Inc.

CERTIFICATE 8862 Job No. 0-155

Date:
Nov. 11, 2010

Splits

Sample #	**Au Oz/ton**	**g/tonne**
45974	<.001	<.03
45975	0.016	0.549
45976	Pend	
45977	0.014	0.480
45978	Pend	
45979	0.006	0.206
45980	<.001	<.03
45981	<.001	<.03
45982	<.001	<.03
45983	0.022	0.754
45984	<.001	<.03
45985	<.001	<.03
45986	<.001	<.03
45987	<.001	<.03
45988	<.001	<.03
45989	<.001	<.03
45990	<.001	<.03
45991	<.001	<.03
45992	0.051	1.749
45993	<.001	<.03
45994	<.001	<.03

19 **Splits**
2 **Pend**

Std OxL 78	0.176	6.034
Blank	<.001	<.03

Certified Assayer:

PolyMet Laboratories

Client: Vault Minerals Inc.

CERTIFICATE 8863

Job No. 0-155

Date:
Nov. 11, 2010

Splits

Sample #	**Au Oz/ton**	**g/tonne**
45995	0.002	0.069
45996	0.002	0.069
45997	0.002	0.069
45998	0.004	0.137
45999	<.001	<.03
46000	<.001	<.03
46001	<.001	<.03
46002	0.028	0.960
46003	<.001	<.03
46004	<.001	<.03
46005	Pend	
46006	0.022	0.754
46007	Pend	
46008	0.022	0.754
46009	<.001	<.03
46010	0.173	5.931
27558	<.001	<.03
27559	0.016	0.549
27560	0.026	0.891
27561	0.014	0.480
27562	0.010	0.343
27563	0.014	0.480

20 **Splits**
2 **Pend**

Std OxL 78	0.176	6.034
Blank	<.001	<.03

Certified Assayer:



PolyMet Laboratories

Client: Vault Minerals Inc.

CERTIFICATE 8864 Job No. 0-155

Date:
Nov. 11, 2010

Splits

Sample #	**Au Oz/ton**	**g/tonne**
27564	0.018	0.617
27565	0.008	0.274
27566	0.010	0.343
27567	0.028	0.960
27568	Pend	
27569	<.001	<.03
27570	<.001	<.03
27571	<.001	<.03
27572	<.001	<.03
27573	0.002	0.069
27574	<.001	<.03
46011	0.002	0.069
46012	<.001	<.03
46013	Pend	
46014	<.001	<.03
46015	0.008	0.274
46016	<.001	<.03
46017	0.014	0.480
46018	<.001	<.03
46019	<.001	<.03
46020	0.002	0.069

19 **Splits**
2 **Pend**

Std OxL 78	0.176	6.034
Blank	<.001	<.03

Certified Assayer:

PolyMet Laboratories

Client: Vault Minerals Inc.

CERTIFICATE 8865

Job No. 0-155

Date:
Nov. 11, 2010

Splits

Sample #	**Au Oz/ton**	**g/tonne**
46021	<.001	<.03
46022	0.002	0.069
46023	0.002	0.069
46024	0.014	0.480
46025	<.001	<.03
46026	<.001	<.03
46027	Pend	
46028	<.001	<.03
46029	<.001	<.03
46030	0.022	0.754
46031	<.001	<.03
46032	0.052	1.783
46033	Pend	
46034	0.002	0.069
46035	<.001	<.03
46036	<.001	<.03
46037	0.008	0.274
46038	0.002	0.069
46039	<.001	<.03
46040	<.001	<.03
46041	<.001	<.03
46042	<.001	<.03

20 **Splits**
2 **Pend**

Std OxL 78	0.176	6.034
Blank	<.001	<.03

Certified Assayer:

PolyMet Laboratories

Client: Vault Minerals Inc.

CERTIFICATE 8866

Job No. 0-155

Date:
Nov. 11, 2010

Splits

Sample #	**Au Oz/ton**	**g/tonne**
46043	0.008	0.274
46044	<.001	<.03
46045	0.004	0.137
46046	0.022	0.754
46047	<.001	<.03
46048	0.002	0.069
46049	0.002	0.069
46050	0.165	5.657
46051	<.001	<.03
46052	<.001	<.03
46053	<.001	<.03
46054	<.001	<.03
46055	<.001	<.03
46056	0.010	0.343
46057	<.001	<.03
46058	Pend	
46059	0.008	0.274
46060	<.001	<.03
46061	<.001	<.03
46062	<.001	<.03
46063	0.002	0.069
46064	<.001	<.03

21 **Splits**
1 **Pend**

Std OxL 78	0.176	6.034
Blank	<.001	<.03

Certified Assayer:



PolyMet Laboratories

Client: Vault Minerals Inc.

CERTIFICATE 8867

Job No. 0-155

Date:
Nov. 11, 2010

Splits

Sample #	**Au Oz/ton**	**g/tonne**
46065	<.001	<.03
46066	<.001	<.03
46067	0.016	0.549
46068	<.001	<.03
46069	0.022	0.754
46070	0.008	0.274
46071	0.004	0.137
46072	0.006	0.206
46073	0.004	0.137
46074	0.002	0.069
46075	0.004	0.137
46076	0.050	1.714
46077	0.010	0.343
46078	Pend	
46079	0.028	0.960
46080	Pend	
46081	0.014	0.480
46082	0.028	0.960
46083	0.002	0.069
46084	0.008	0.274
46085	0.004	0.137

19 **Splits**
2 **Pend**

Std OxL 78	0.176	6.034
Blank	<.001	<.03

Certified Assayer:

PolyMet Laboratories

Client: Vault Minerals Inc.

CERTIFICATE 8868 Job No. 0-155

Date:
Nov. 11, 2010

Splits

Sample #	**Au Oz/ton**	**g/tonne**
46086	0.002	0.069
48900	<.001	<.03
48901	<.001	<.03
48902	<.001	<.03
48903	0.004	0.137
48904	0.002	0.069
48905	<.001	<.03
48906	0.002	0.069
48907	0.006	0.206
48908	<.001	<.03
48909	0.002	0.069
48910	<.001	<.03
48911	<.001	<.03
48912	<.001	<.03
48913	<.001	<.03
48914	<.001	<.03
48915	<.001	<.03
48916	0.012	0.411
48917	<.001	<.03
48918	<.001	<.03
48919	0.002	0.069
48920	0.002	0.069

22 **Splits**

Std OxL 78	0.180	6.171
Blank	<.001	<.03

Certified Assayer:

PolyMet Laboratories

Client: Vault Minerals Inc.

CERTIFICATE 8869 Job No. 0-155

Date:
Nov. 11, 2010

Splits

Sample #	**Au Oz/ton**	**g/tonne**
48921	0.002	0.069
48922	<.001	<.03
48923	<.001	<.03
48924	<.001	<.03
48925	<.001	<.03
48926	0.002	0.069
48927	0.002	0.069
48928	0.052	1.783
48929	<.001	<.03
48930	<.001	<.03
48931	0.008	0.274
48932	<.001	<.03
48933	0.002	0.069
48934	<.001	<.03
48935	<.001	<.03
48936	0.004	0.137
48937	0.002	0.069
48938	0.002	0.069
48939	<.001	<.03
48940	<.001	<.03
48941	0.010	0.343
48942	0.004	0.137

22 **Splits**

Std OxL 78	0.180	6.171
Blank	<.001	<.03

Certified Assayer:



PolyMet Laboratories

Client: Vault Minerals Inc.

CERTIFICATE 8870 Job No. 0-155

Date:
Nov. 11, 2010

Splits

Sample #	**Au Oz/ton**	**g/tonne**
48943	0.002	0.069
48944	0.002	0.069
48945	<.001	<.03
48946	<.001	<.03
48947	0.004	0.137
48948	<.001	<.03
48949	<.001	<.03
48950	0.022	0.754
48951	<.001	<.03
48952	<.001	<.03
48953	<.001	<.03
48954	<.001	<.03
48955	0.159	5.451
48956	<.001	<.03
48957	<.001	<.03
48958	<.001	<.03
48959	<.001	<.03

17 **Splits**

Std OxL 78	0.176	6.034
Blank	<.001	<.03

Certified Assayer:

PolyMet Laboratories

Client: Vault Minerals Inc.

CERTIFICATE **8871** Job No. 0-155

Date: Nov. 11, 2010

	Original		Check	
Sample #	**Au Oz/ton**	**g/tonne**	**Au Oz/ton**	**g/tonne**
45950	0.038	1.303	0.040	1.371
45951	0.040	1.371	0.068	2.331
45953	0.038	1.303	0.064	2.194
45954	0.058	1.989	0.050	1.714
45976	0.070	2.400	0.050	1.714
45978	0.064	2.194	0.058	1.989
46005	0.044	1.509	0.038	1.303
46007	0.056	1.920	0.050	1.714
27568	0.064	2.194	0.054	1.851
46013	0.056	1.920	0.042	1.440
46027	0.072	2.469	0.040	1.371
46033	0.048	1.646	0.036	1.234
46058	0.040	1.371	0.060	2.057
46078	0.052	1.783	0.044	1.509
46080	0.042	1.440	0.044	1.509

15 + 30

Certified Assayer:

PolyMet Labs
A Division of Polymet Resources Ltd.

1 Presley St, P.O. Box 699, Cobalt, Ontario, Canada P0J 1C0
Tel: (705) 679-5500 • Fax: (705) 679-5519
Email: info@polymetinc.com Website: www.polymetinc.com

Certificate of Analysis

Queenston (Vault Division)

We certify that the assay results in the following Certificates are factual and true.

Certificate #'s 8903, 8904, 8905, 8906, 8907, & 8908

Certified by: _____
Chief Assayer

Certified by: _____
President/Manager

Date: Nov. 16, 2010

Disclaimer: The results included on this report relate only to the items tested. The Certificate of Analysis should not be reproduced except in full, without the written approval of the laboratory.

PolyMet Laboratories

Client: Queenston (Vault Div.)

CERTIFICATE 8903

Job No. 0-155

Date:
Nov. 16, 2010

Splits

Sample #	**Au Oz/ton**	**g/tonne**
46088	0.002	0.069
46089	0.022	0.754
46090	<.001	<.03
46091	<.001	<.03
46092	0.020	0.686
46093	Pend	
46094	Pend	
46095	<.001	<.03
46096	Pend	
46097	Pend	
46098	0.171	5.863
46099	Pend	
46100	0.012	0.411
46101	0.016	0.549
46102	Pend	
46103	Pend	
46104	<.001	<.03
46105	<.001	<.03
46106	Pend	
46107	0.002	0.069
46108	Pend	
46109	Pend	

12 **Splits**
10 **Pend**

Std OxL 78	0.176	6.034
Blank	<.001	<.03

Certified Assayer: Tarla Johnson

PolyMet Laboratories

Client: Queenston (Vault Div.)

CERTIFICATE 8904

Job No. 0-155

Date:
Nov. 16, 2010

Splits

Sample #	**Au Oz/ton**	**g/tonne**
46110	<.001	<.03
46111	0.018	0.617
46112	<.001	<.03
46113	0.028	0.960
46114	<.001	<.03
46115	0.026	0.891
46116	0.002	0.069
46117	0.002	0.069
46118	<.001	<.03
46119	0.004	0.137
46120	<.001	<.03
46121	0.012	0.411
46122	<.001	<.03
46123	<.001	<.03
46124	<.001	<.03
46125	0.004	0.137
46126	0.002	0.069
46127	<.001	<.03
46128	<.001	<.03
46129	0.047	1.611
46130	0.018	0.617
46131	0.010	0.343

22 **Splits**

Std OxL 78	0.172	5.897
Blank	<.001	<.03

Certified Assayer: Linda Johnson

PolyMet Laboratories

Client: Queenston (Vault Div.)

CERTIFICATE 8905

Job No. 0-155

Date:
Nov. 16, 2010

Splits

Sample #	**Au Oz/ton**	**g/tonne**
46132	0.002	0.069
46133	<.001	<.03
46134	<.001	<.03
46135	0.002	0.069
46136	<.001	<.03
46137	0.006	0.206
46138	0.014	0.480
46139	<.001	<.03
46140	0.008	0.274
46141	0.169	5.794
46142	Pend	
46143	Pend	
46144	<.001	<.03
46145	0.012	0.411
46146	<.001	<.03
46147	0.002	0.069
46148	0.002	0.069
46149	<.001	<.03
46150	0.002	0.069
46151	<.001	<.03
46152	Pend	

18 **Splits**
3 **Pend**

Std OxL 78	0.172	5.897
Blank	<.001	<.03

Certified Assayer: Carla Johnson

PolyMet Laboratories

Client: Queenston (Vault Div.)

CERTIFICATE 8906

Job No. 0-155

Date:
Nov. 16, 2010

Splits

Sample #	**Au Oz/ton**	**g/tonne**
46153	<.001	<.03
46154	<.001	<.03
46155	0.004	0.137
46156	<.001	<.03
46157	<.001	<.03
46158	<.001	<.03
46159	<.001	<.03
46160	<.001	<.03
46161	0.047	1.611
46162	<.001	<.03
46163	<.001	<.03
46164	<.001	<.03
46165	0.016	0.549
46166	0.008	0.274
46167	Pend	
46168	<.001	<.03
46169	0.006	0.206
46170	0.018	0.617
46171	0.002	0.069
46172	0.026	0.891
46173	0.020	0.686
46174	0.018	0.617

21 **Splits**
1 **Pend**

Std OxL 78	0.178	6.103
Blank	<.001	<.03

Certified Assayer: Linda Johnson

PolyMet Laboratories

Client: Queenston (Vault Div.)

CERTIFICATE 8907

Job No. 0-155

Date:
Nov. 16, 2010

Splits

Sample #	**Au Oz/ton**	**g/tonne**
46175	Pend	
46176	<.001	<.03
46177	<.001	<.03
46178	0.004	0.137
46179	<.001	<.03
46180	<.001	<.03
46181	<.001	<.03
46182	<.001	<.03
46183	0.004	0.137
46184	<.001	<.03
46185	<.001	<.03
46186	0.165	5.657
46187	0.014	0.480
46188	0.014	0.480
46189	<.001	<.03
46190	<.001	<.03
46191	<.001	<.03
46192	<.001	<.03
46193	<.001	<.03
46194	<.001	<.03
46195	0.010	0.343

20 **Splits**
1 **Pend**

Std OxL 78	0.178	6.103
Blank	<.001	<.03

Certified Assayer: Carla Johnson

PolyMet Laboratories

		Client:	Queenston (Vault Div.)
CERTIFICATE	**8908**	Job No.	0-155

Date:
Nov. 16, 2010

	Original		**Check**	
Sample #	**Au Oz/ton**	**g/tonne**	**Au Oz/ton**	**g/tonne**
46093	0.056	1.920	0.070	2.400
46094	0.124	4.251	0.122	4.183
46096	0.090	3.086	0.088	3.017
46097	0.088	3.017	0.080	2.743
46099	0.084	2.880	0.074	2.537
46102	0.222	7.611	0.188	6.446
46103	0.764	26.195	0.494	16.937
46106	0.192	6.583	0.110	3.771
46108	0.072	2.469	0.046	1.577
46109	0.064	2.194	0.052	1.783
46142	0.056	1.920	0.058	1.989
46143	0.068	2.331	0.060	2.057
46152	0.034	1.166	0.030	1.029
46167	0.068	2.331	0.086	2.949
46175	0.080	2.743	0.084	2.880

15 + 30

Certified Assayer: Carla Johnson

PolyMet Labs
A Division of Polymet Resources Ltd.

1 Presley St, P.O. Box 699, Cobalt, Ontario, Canada P0J 1C0
Tel: (705) 679-5500 • Fax: (705) 679-5519
Email: info@polymetinc.com Website: www.polymetinc.com

Certificate of Analysis

Queenston Mining Inc.
(Vault Division)

We certify that the assay results in the following Certificates are factual and true.

Certificate #'s 8944, 8945, & 8946

Certified by: _____
Chief Assayer

Certified by: _____
President/Manager

Date: Nov. 18, 2010

Disclaimer: The results included on this report relate only to the items tested. The Certificate of Analysis should not be reproduced except in full, without the written approval of the laboratory.

PolyMet Laboratories

Client: Queenston (Vault Div.)

CERTIFICATE 8944

Job No. 0-155

Date:
Nov. 18, 2010

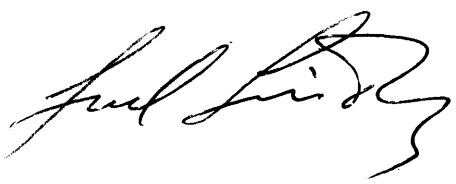
Splits

Sample #	**Au Oz/ton**	**g/tonne**
46214	0.006	0.206
46215	<.001	<.03
46216	0.002	0.069
46217	0.010	0.343
46218	0.014	0.480
46219	0.026	0.891
46220	0.012	0.411
46221	0.010	0.343
46222	0.158	5.417
46223	Pend	
46224	0.022	0.754
46225	<.001	<.03
46226	0.012	0.411
46227	Pend	
46228	<.001	<.03
46229	Pend	
46230	Pend	
46231	<.001	<.03
46232	0.026	0.891
46233	Pend	
46234	Pend	
46235	0.014	0.480
46236	Pend	
46237	Pend	
46238	0.012	0.411

17 **Splits**
8 **Pend**

Std OxL 78	0.178	6.103
Blank	<.001	<.03

Certified Assayer:



PolyMet Laboratories

Client: Queenston (Vault Div.)

CERTIFICATE 8945

Job No. 0-155

Date:
Nov. 18, 2010

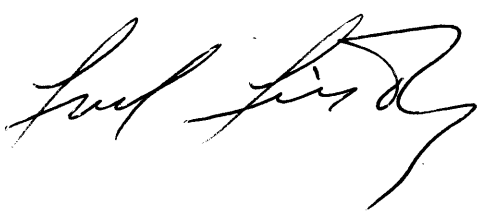
Splits

Sample #	**Au Oz/ton**	**g/tonne**
46239	<.001	<.03
46240	<.001	<.03
46241	<.001	<.03
46242	<.001	<.03
46243	<.001	<.03
46244	0.004	0.137
46245	0.002	0.069
46246	Pend	
46247	<.001	<.03
46248	0.028	0.960
46249	<.001	<.03
46250	0.050	1.714
46251	0.018	0.617
46252	0.004	0.137
46253	<.001	<.03
46254	<.001	<.03
46255	0.004	0.137
46256	0.004	0.137
46257	0.002	0.069
46258	0.026	0.891
46259	0.020	0.686
46260	<.001	<.03

21 **Splits**
1 **Pend**

Std OxL 78	0.178	6.103
Blank	<.001	<.03

Certified Assayer:



PolyMet Laboratories

Client: Queenston (Vault Div.)

CERTIFICATE **8946**

Job No. 0-155

Date:
Nov. 17, 2010

	Original		Check	
Sample #	**Au Oz/ton**	**g/tonne**	**Au Oz/ton**	**g/tonne**
46223	0.044	1.509	0.044	1.509
46227	0.044	1.509	0.046	1.577
46229	0.048	1.646	0.050	1.714
46230	0.064	2.194	0.070	2.400
46233	0.058	1.989	0.070	2.400
46234	0.056	1.920	0.054	1.851
46236	0.052	1.783	0.052	1.783
46237	0.086	2.949	0.084	2.880
46246	0.050	1.714	0.034	1.166

9 + 18

Certified Assayer:

PolyMet Labs
A Division of Polymet Resources Ltd.

1 Presley St, P.O. Box 699, Cobalt, Ontario, Canada P0J 1C0
Tel: (705) 679-5500 • Fax: (705) 679-5519
Email: info@polymetinc.com Website: www.polymetinc.com

Certificate of Analysis

Queenston Mining Inc.
(Vault Division)

We certify that the assay results in the following Certificates are factual and true.

Certificate #'s 8947, 8948, & 8949

Certified by: _____
Chief Assayer

Certified by: _____
President/Manager

Date: Nov. 22, 2010

Disclaimer: The results included on this report relate only to the items tested. The Certificate of Analysis should not be reproduced except in full, without the written approval of the laboratory.

PolyMet Laboratories

Client: Queenston (Vault Div.)
Job No. 0-155

CERTIFICATE 8947

Date:
Nov. 22, 2010

Splits

Sample #	**Au Oz/ton**	**g/tonne**
46261	0.016	0.549
46262	0.010	0.343
46263	<.001	<.03
46264	0.158	5.417
46265	0.002	0.069
46266	<.001	<.03
46267	<.001	<.03
46268	0.006	0.206
46269	0.004	0.137
46270	<.001	<.03
46271	<.001	<.03
46272	<.001	<.03
46273	<.001	<.03
46274	<.001	<.03
46275	Pend	
46276	<.001	<.03
46277	<.001	<.03
46278	<.001	<.03
46279	Pend	
46280	<.001	<.03
46281	0.004	0.137

19 **Splits**
2 **Pend**

Std OxL 78	0.172	5.897
Blank	<.001	<.03

Certified Assayer:



PolyMet Laboratories

Client: Queenston (Vault Div.)

CERTIFICATE 8948

Job No. 0-155

Date:
Nov. 22, 2010

Splits

Sample #	**Au Oz/ton**	**g/tonne**
46282	<.001	<.03
46283	0.006	0.206
46284	<.001	<.03
46285	0.051	1.749
46286	0.002	0.069
46287	0.002	0.069
46288	0.012	0.411
46289	Pend	
46290	<.001	<.03
46291	<.001	<.03
46292	<.001	<.03
46293	<.001	<.03
46294	<.001	<.03
46295	0.002	0.069
46296	Pend	
46297	<.001	<.03
46298	Pend	
46299	<.001	<.03
46300	<.001	<.03
46301	0.002	0.069
46302	0.002	0.069
46303	Pend	

18 **Splits**
4 **Pend**

Std OxL 78	0.172	5.897
Blank	<.001	<.03

Certified Assayer:

PolyMet Laboratories

Client: Queenston (Vault Div.)

CERTIFICATE **8949**

Job No. 0-155

Date:
Nov. 22, 2010

	Original		**Check**	
Sample #	**Au Oz/ton**	**g/tonne**	**Au Oz/ton**	**g/tonne**
46275	0.056	1.920	0.066	2.263
46279	0.084	2.880	0.072	2.469
46289	0.032	1.097	0.040	1.371
46296	0.068	2.331	0.056	1.920
46298	0.108	3.703	0.124	4.251
46303	0.036	1.234	0.034	1.166

6 + 12

Certified Assayer:

PolyMet Labs
A Division of Polymet Resources Ltd.

1 Presley St, P.O. Box 699, Cobalt, Ontario, Canada P0J 1C0
Tel: (705) 679-5500 • Fax: (705) 679-5519
Email: info@polymetinc.com Website: www.polymetinc.com

Certificate of Analysis

Queenston Mining Inc.
(Vault Division)

We certify that the assay results in the following Certificates are factual and true.

Certificate #'s 8950, 8951, 8952, 8953, 8954, 8955 & 8956

Certified by: _____
Chief Assayer

Certified by: _____
President/Manager

Date: Nov, 22, 2010

Disclaimer: The results included on this report relate only to the items tested. The Certificate of Analysis should not be reproduced except in full, without the written approval of the laboratory.

PolyMet Laboratories

Client: Queenston (Vault Div.)

CERTIFICATE 8950

Job No. 0-155

Date:
Nov. 22, 2010

Splits

Sample #	**Au Oz/ton**	**g/tonne**
46304	<.001	<.03
46305	0.028	0.960
46306	0.020	0.686
46307	0.020	0.686
46308	Pend	
46309	0.024	0.823
46310	<.001	<.03
46311	0.002	0.069
46312	0.157	5.383
46313	0.002	0.069
46314	0.002	0.069
46315	0.012	0.411
46316	0.002	0.069
46317	<.001	<.03
46318	0.008	0.274
46319	Pend	
46320	Pend	
46321	Pend	
46322	<.001	<.03
46323	Pend	
46324	0.010	0.343

16 **Splits**
5 **Pend**

Std OxL 78	0.176	6.034
Blank	<.001	<.03

Certified Assayer:



PolyMet Laboratories

Client: Queenston (Vault Div.)

CERTIFICATE 8951

Job No. 0-155

Date:
Nov. 22, 2010

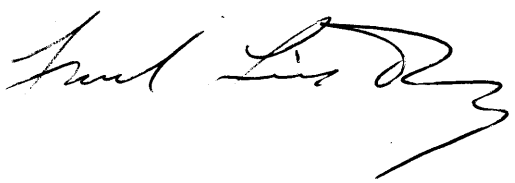
Splits

Sample #	**Au Oz/ton**	**g/tonne**
46325	0.008	0.274
46326	Pd	
46327	<.001	<.03
46328	0.022	0.754
46329	0.050	1.714
46330	<.001	<.03
46331	<.001	<.03
46332	<.001	<.03
46333	<.001	<.03
46334	<.001	<.03
46335	<.001	<.03
46336	0.014	0.480
46337	0.004	0.137
46338	0.004	0.137
46339	<.001	<.03
46340	<.001	<.03
46341	<.001	<.03
46342	0.002	0.069
46343	<.001	<.03
46344	0.002	0.069
47657	Pd	
47658	<.001	<.03

20 **Splits**
2 **Pend**

Std OxL 78	0.176	6.034
Blank	<.001	<.03

Certified Assayer:



PolyMet Laboratories

Client: Queenston (Vault Div.)

CERTIFICATE 8952

Job No. 0-155

Date:
Nov. 23, 2010

Splits

Sample #	**Au Oz/ton**	**g/tonne**
47659	<.001	<.03
47660	0.002	0.069
47661	0.002	0.069
47662	Pend	
47663	<.001	<.03
47664	<.001	<.03
47665	<.001	<.03
47666	<.001	<.03
47667	0.002	0.069
47668	<.001	<.03
47669	<.001	<.03
47670	<.001	<.03
47671	0.049	1.680
47672	<.001	<.03
47673	<.001	<.03
47674	<.001	<.03
47675	<.001	<.03
47676	0.006	0.206
47677	<.001	<.03
47678	<.001	<.03
47679	<.001	<.03
47680	0.002	0.069

21 **Splits**
1 **Pend**

Std OxL 78	0.174	5.966
Blank	<.001	<.03

Certified Assayer:

PolyMet Laboratories

Client: Queenston (Vault Div.)

CERTIFICATE 8953

Job No. 0-155

Date:
Nov. 23, 2010

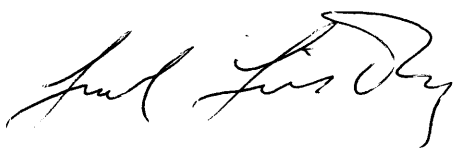
Splits

Sample #	**Au Oz/ton**	**g/tonne**
47681	0.002	0.069
47682	0.002	0.069
47683	<.001	<.03
47684	<.001	<.03
47685	0.018	0.617
47686	<.001	<.03
47687	<.001	<.03
47688	0.004	0.137
47689	0.008	0.274
47690	<.001	<.03
47691	<.001	<.03
47692	0.002	0.069
47693	<.001	<.03
47694	<.001	<.03
47695	Pend	
47696	Pend	
47697	<.001	<.03
47698	<.001	<.03
47699	<.001	<.03
47700	0.160	5.486
47701	<.001	<.03
47702	0.002	0.069

20 **Splits**
2 **Pend**

Std OxL 78	0.174	5.966
Blank	<.001	<.03

Certified Assayer:



PolyMet Laboratories

Client: Queenston (Vault Div.)

CERTIFICATE 8954

Job No. 0-155

Date:
Nov. 23, 2010

Splits

Sample #	**Au Oz/ton**	**g/tonne**
47703	0.002	0.069
47704	<.001	<.03
47705	<.001	<.03
47706	<.001	<.03
47707	0.002	0.069
47708	<.001	<.03
47709	<.001	<.03
47710	0.002	0.069
47711	0.008	0.274
47712	<.001	<.03
47713	0.010	0.343
47714	0.014	0.480
47715	<.001	<.03
47716	<.001	<.03
47717	<.001	<.03
47718	<.001	<.03
47719	<.001	<.03
47720	<.001	<.03
47721	<.001	<.03
47722	<.001	<.03
47723	0.006	0.206

21 **Splits**

Std OxL 78	0.172	5.897
Blank	<.001	<.03

Certified Assayer:

PolyMet Laboratories

Client: Queenston (Vault Div.)

CERTIFICATE 8955

Job No. 0-155

Date:
Nov. 23, 2010

Splits

Sample #	**Au Oz/ton**	**g/tonne**
47724	<.001	<.03
47725	<.001	<.03
47726	<.001	<.03
47727	<.001	<.03
47728	<.001	<.03
47729	<.001	<.03
47730	0.047	1.611
34651	0.002	0.069
34652	Pend	
34653	Pend	
34654	0.002	0.069
34655	0.004	0.137
34656	0.002	0.069
34657	Pend	
34658	Pend	
34659	0.002	0.069
34660	Pend	
34661	0.002	0.069
34662	Pend	
34663	Pend	

13 **Splits**
7 **Pend**

Std OxL 78	0.172	5.897
Blank	<.001	<.03

Certified Assayer:

PolyMet Laboratories

Client: Queenston (Vault Div.)

CERTIFICATE **8956**

Job No. 0-155

Date:
Nov. 23, 2010

	Original		Check	
Sample #	**Au Oz/ton**	**g/tonne**	**Au Oz/ton**	**g/tonne**
46308	0.164	5.623	0.174	5.966
46319	0.096	3.291	0.086	2.949
46320	0.044	1.509	0.038	1.303
46321	0.172	5.897	0.172	5.897
46323	0.270	9.257	0.244	8.366
46326	0.048	1.646	0.038	1.303
47657	0.080	2.743	0.136	4.663
47662	0.098	3.360	0.126	4.320
47695	0.052	1.783	0.046	1.577
47696	0.096	3.291	0.092	3.154
34652	0.040	1.371	0.050	1.714
34653	0.056	1.920	0.074	2.537
34657	0.048	1.646	0.044	1.509
34658	0.036	1.234	0.034	1.166
34660	0.092	3.154	0.140	4.800
34662	0.114	3.909	0.112	3.840
34663	0.104	3.566	0.118	4.046

17 + 34

Certified Assayer:

PolyMet Labs
A Division of Polymet Resources Ltd.

1 Presley St, P.O. Box 699, Cobalt, Ontario, Canada P0J 1C0
Tel: (705) 679-5500 • Fax: (705) 679-5519
Email: info@polymetinc.com Website: www.polymetinc.com

Certificate of Analysis

Queenston Mining Inc.
(Vault Division)

We certify that the assay results in the following Certificates are factual and true.

Certificate #'s 9058, 9059, 9060, 9061, 9062, 9063, 9064, & 9065

Certified by: _____
Chief Assayer

Certified by: _____
President/Manager

Date: Dec. 7, 2010

Disclaimer: The results included on this report relate only to the items tested. The Certificate of Analysis should not be reproduced except in full, without the written approval of the laboratory.

PolyMet Laboratories

Client: Queenston (Vault Div.)

CERTIFICATE 9058

Job No. 0-155

Date:
Dec, 7 2010

Splits

Sample #	**Au Oz/ton**	**g/tonne**
46493	<.001	<.03
46494	<.001	<.03
46495	<.001	<.03
46496	0.002	0.069
46497	<.001	<.03
46498	<.001	<.03
46499	0.002	0.069
46500	0.002	0.069
46501	Pend	
46502	Pend	
46503	<.001	<.03
46504	Pend	
46505	0.016	0.549
46506	<.001	<.03
46507	0.051	1.749
46508	<.001	<.03
46509	0.014	0.480
46510	<.001	<.03
46511	<.001	<.03
46512	Pend	
46513	<.001	<.03
46514	Pend	

17 **Splits**
5 **Pend**

Std OxL 78	0.180	6.171
Blank	<.001	<.03

Certified Assayer:



PolyMet Laboratories

Client: Queenston (Vault Div.)

CERTIFICATE 9059

Job No. 0-155

Date:
Dec, 7 2010

Splits

Sample #	**Au Oz/ton**	**g/tonne**
46515	Pend	
46516	Pend	
46517	<.001	<.03
46518	0.002	0.069
46519	0.002	0.069
46520	0.012	0.411
46521	<.001	<.03
46522	0.006	0.206
46523	<.001	<.03
46524	0.006	0.206
46525	<.001	<.03
46526	Pend	
46527	0.168	5.760
46528	0.002	0.069
46529	0.022	0.754
46530	0.024	0.823
46531	Pend	
46532	0.002	0.069
46533	Pend	
46534	<.001	<.03
46535	Pend	
46536	<.001	<.03

16 **Splits**
6 **Pend**

Std OxL 78	0.174	5.966
Blank	<.001	<.03

Certified Assayer:

PolyMet Laboratories

Client: Queenston (Vault Div.)

CERTIFICATE 9060

Job No. 0-155

Date:
Dec, 7 2010

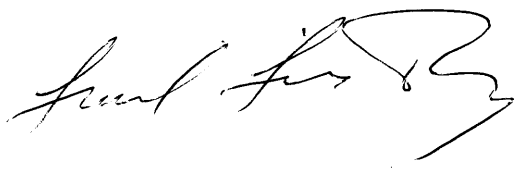
Splits

Sample #	**Au Oz/ton**	**g/tonne**
46537	0.002	0.069
46538	Pend	
46539	Pend	
46540	0.018	0.617
46541	<.001	<.03
46542	0.002	0.069
46543	<.001	<.03
47945	0.002	0.069
47946	Pend	
47947	<.001	<.03
47948	<.001	<.03
47949	Pend	
47950	0.020	0.686
47951	0.004	0.137
47952	0.018	0.617
47953	0.012	0.411
47954	0.014	0.480
47955	<.001	<.03
47956	0.018	0.617
47957	<.001	<.03
47958	0.164	5.623

17 **Splits**
4 **Pend**

Std OxL 78	0.174	5.966
Blank	<.001	<.03

Certified Assayer:



PolyMet Laboratories

Client: Queenston (Vault Div.)

CERTIFICATE 9061

Job No. 0-155

Date:
Dec, 7 2010

Splits

Sample #	**Au Oz/ton**	**g/tonne**
47959	0.014	0.480
47960	0.010	0.343
47961	0.004	0.137
47962	0.030	1.029
47963	Pend	
47964	0.022	0.754
47965	0.030	1.029
47966	0.028	0.960
47967	Pend	
47968	Pend	
47969	Pend	
47970	Pend	
47971	Pend	
47972	0.004	0.137
47973	Pend	
47974	0.020	0.686
47975	0.018	0.617
47976	<.001	<.03
47977	0.018	0.617
47978	0.014	0.480
47979	0.012	0.411
47980	0.012	0.411

15 **Splits**
7 **Pend**

Std OxL 78	0.174	5.966
Blank	<.001	<.03

Certified Assayer:

PolyMet Laboratories

Client: Queenston (Vault Div.)

CERTIFICATE 9062

Job No. 0-155

Date:
Dec, 7 2010

Splits

Sample #	**Au Oz/ton**	**g/tonne**
47981	<.001	<.03
47982	0.016	0.549
47983	0.014	0.480
47984	Pend	
47985	0.053	1.817
47986	Pend	
47987	0.016	0.549
47988	0.014	0.480
47989	0.014	0.480
47990	0.022	0.754
47991	0.016	0.549
47992	0.020	0.686
47993	0.024	0.823
47994	0.030	1.029
47995	Pend	
47996	0.012	0.411
47997	Pend	
47998	Pend	
47999	Pend	
48000	<.001	<.03
48001	<.001	<.03

15 **Splits**
6 **Pend**

Std OxL 78	0.174	5.966
Blank	<.001	<.03

Certified Assayer:

PolyMet Laboratories

Client: Queenston (Vault Div.)

CERTIFICATE 9063

Job No. 0-155

Date:
Dec, 7 2010

Splits

Sample #	**Au Oz/ton**	**g/tonne**
48002	0.002	0.069
48003	0.018	0.617
48004	<.001	<.03
48005	<.001	<.03
48006	0.028	0.960
48007	0.012	0.411
48008	0.008	0.274
48009	0.016	0.549
48010	0.016	0.549
48011	<.001	<.03
48012	<.001	<.03
48013	<.001	<.03
48014	<.001	<.03
48015	<.001	<.03
48016	0.012	0.411
48017	0.169	5.794
48018	0.002	0.069
48019	0.018	0.617
48020	0.016	0.549
48021	0.018	0.617
48022	<.001	<.03
48023	<.001	<.03

22 **Splits**

Std OxL 78	0.174	5.966
Blank	<.001	<.03

Certified Assayer:



PolyMet Laboratories

Client: Queenston (Vault Div.)
Job No. 0-155

CERTIFICATE 9064

Date:
Dec, 7 2010

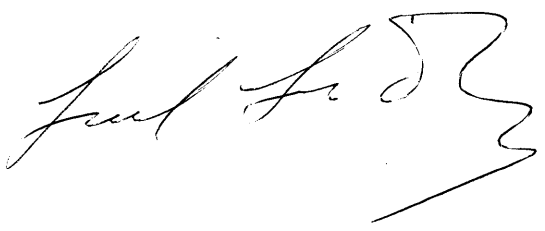
Splits

Sample #	**Au Oz/ton**	**g/tonne**
48024	<.001	<.03
48025	0.020	0.686
48026	<.001	<.03
48027	0.006	0.206
48028	<.001	<.03
48029	<.001	<.03
48030	<.001	<.03
48031	<.001	<.03

8 **Splits**

Std OxL 78	0.172	5.897
Blank	<.001	<.03

Certified Assayer:



PolyMet Laboratories

Client: Queenston (Vault Div.)

CERTIFICATE **9065**

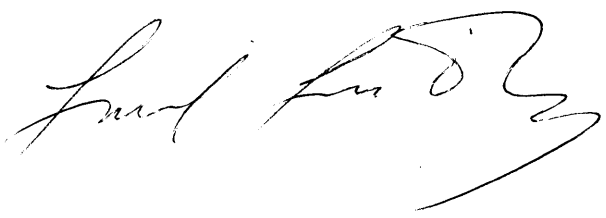
Job No. 0-155

Date:
Dec,1 2010

	Original		**Check**	
Sample #	**Au Oz/ton**	**g/tonne**	**Au Oz/ton**	**g/tonne**
46501	0.040	1.371	0.038	1.303
46502	0.050	1.714	0.052	1.783
46504	0.040	1.371	0.048	1.646
46512	0.078	2.674	0.076	2.606
46514	0.090	3.086	0.082	2.811
46515	0.118	4.046	0.132	4.526
46516	0.106	3.634	0.108	3.703
46526	0.068	2.331	0.100	3.429
46531	0.070	2.400	0.064	2.194
46533	0.056	1.920	0.052	1.783
46535	0.154	5.280	0.154	5.280
46538	0.166	5.691	0.180	6.171
46539	0.176	6.034	0.146	5.006
47646	0.034	1.166	0.032	1.097
47649	0.046	1.577	0.050	1.714
47963	0.042	1.440	0.038	1.303
47967	0.174	5.966	0.160	5.486
47968	0.054	1.851	0.060	2.057
47969	0.036	1.234	0.038	1.303
47970	0.042	1.440	0.046	1.577
47971	0.034	1.166	0.034	1.166
47973	0.048	1.646	0.044	1.509
47984	0.060	2.057	0.066	2.263
47986	0.062	2.126	0.078	2.674
47995	0.034	1.166	0.030	1.029
47997	0.048	1.646	0.034	1.166
47998	0.060	2.057	0.038	1.303
47999	0.078	2.674	0.080	2.743

28 + 56

Certified Assayer:



PolyMet Laboratories

Client: Queenston (Vault Div.)

CERTIFICATE **9065** Job No. 0-155

Revised

Date: Dec,1 2010

	Original		**Check**	
Sample #	**Au Oz/ton**	**g/tonne**	**Au Oz/ton**	**g/tonne**
46501	0.040	1.371	0.038	1.303
46502	0.050	1.714	0.052	1.783
46504	0.040	1.371	0.048	1.646
46512	0.078	2.674	0.076	2.606
46514	0.090	3.086	0.082	2.811
46515	0.118	4.046	0.132	4.526
46516	0.106	3.634	0.108	3.703
46526	0.068	2.331	0.100	3.429
46531	0.070	2.400	0.064	2.194
46533	0.056	1.920	0.052	1.783
46535	0.154	5.280	0.154	5.280
46538	0.166	5.691	0.180	6.171
46539	0.176	6.034	0.146	5.006
47946	0.034	1.166	0.032	1.097
47949	0.046	1.577	0.050	1.714
47963	0.042	1.440	0.038	1.303
47967	0.174	5.966	0.160	5.486
47968	0.054	1.851	0.060	2.057
47969	0.036	1.234	0.038	1.303
47970	0.042	1.440	0.046	1.577
47971	0.034	1.166	0.034	1.166
47973	0.048	1.646	0.044	1.509
47984	0.060	2.057	0.066	2.263
47986	0.062	2.126	0.078	2.674
47995	0.034	1.166	0.030	1.029
47997	0.048	1.646	0.034	1.166
47998	0.060	2.057	0.038	1.303
47999	0.078	2.674	0.080	2.743

28 + 56

Certified Assayer: Carla Johnson

PolyMet Labs
A Division of Polymet Resources Ltd.

1 Presley St, P.O. Box 699, Cobalt, Ontario, Canada P0J 1C0
Tel: (705) 679-5500 • Fax: (705) 679-5519
Email: info@polymetinc.com Website: www.polymetinc.com

Certificate of Analysis

Queenston Mining Inc.
(Vault Division)

We certify that the assay result in the following Certificate is factual and true.

Certificate # 9110

Certified by: _____
Chief Assayer

Certified by: _____
President/Manager

Date: Dec. 10, 2010

Disclaimer: The results included on this report relate only to the items tested. The Certificate of Analysis should not be reproduced except in full, without the written approval of the laboratory.

PolyMet Laboratories

Client: Vault Minerals Inc.

CERTIFICATE **9110** Job No. 0-155

Date: Dec. 10, 2010

	Original		Check	
Sample #	**Au Oz/ton**	**g/tonne**	**Au Oz/ton**	**g/tonne**
45346	0.080	2.743	0.080	2.743
45348	0.066	2.263	0.060	2.057
45354	0.032	1.097	0.050	1.714
45356	0.056	1.920	0.056	1.920
45359	0.072	2.469	0.068	2.331

5 + 10

Certified Assayer: Linda Johnson

PolyMet Labs
A Division of Polymet Resources Ltd.

1 Presley St, P.O. Box 699, Cobalt, Ontario, Canada P0J 1C0
Tel: (705) 679-5500 • Fax: (705) 679-5519
Email: info@polymetinc.com Website: www.polymetinc.com

Certificate of Analysis

Queenston Mining Inc.
(Vault Division)

We certify that the assay results in the following Certificates are factual and true.

Certificate #'s 9111, 9112, 9113, 9114, 9115, 9116, 9117, & 9118

Certified by: _____
Chief Assayer

Certified by: _____
President/Manager

Date: Dec. 13, 2010

Disclaimer: The results included on this report relate only to the items tested. The Certificate of Analysis should not be reproduced except in full, without the written approval of the laboratory.

PolyMet Laboratories

Client: Queenston (Vault Div.)

CERTIFICATE 9111 Job No. 0-155

Date:
Dec. 13, 2010

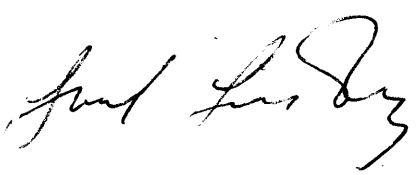
Splits

Sample #	**Au Oz/ton**	**g/tonne**
51501	0.002	0.069
51502	0.002	0.069
51503	0.002	0.069
46544	0.002	0.069
46545	Pend	
46546	0.006	0.206
46547	0.170	5.829
46548	0.024	0.823
46549	0.002	0.069
46550	0.012	0.411
46551	<.001	<.03
46552	0.002	0.069
46553	0.002	0.069
46554	Pend	

12 **Splits**
2 **Pend**

Std OxL 78	0.176	6.034
Blank	<.001	<.03

Certified Assayer:



PolyMet Laboratories

Client: Queenston (Vault Div.)

CERTIFICATE 9112

Job No. 0-155

Date:
Dec. 13, 2010

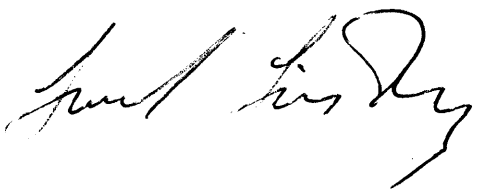
Splits

Sample #	**Au Oz/ton**	**g/tonne**
46555	Pend	
46556	<.001	<.03
46557	Pend	
46558	0.008	0.274
46559	Pend	
46560	Pend	
46561	Pend	
46562	Pend	
46563	Pend	
46564	0.002	0.069
46565	<.001	<.03
46566	<.001	<.03
46567	0.004	0.137
46568	0.052	1.783
46569	Pend	
46570	Pend	
46571	Pend	
46572	Pend	
46573	Pend	
46574	<.001	<.03
46575	0.002	0.069

9 **Splits**
12 **Pend**

Std OxL 78	0.178	6.103
Blank	<.001	<.03

Certified Assayer:



PolyMet Laboratories

Client: Queenston (Vault Div.)

CERTIFICATE 9113 Job No. 0-155

Date:
Dec. 13, 2010

Splits

Sample #	**Au Oz/ton**	**g/tonne**
46576	0.014	0.480
46577	0.010	0.343
46578	0.014	0.480
46579	<.001	<.03
46580	<.001	<.03
46581	0.008	0.274
46582	0.006	0.206
46583	<.001	<.03
46584	<.001	<.03
46585	0.026	0.891
46586	0.018	0.617
46587	0.165	5.657
46588	Pend	
46589	0.002	0.069
46590	0.008	0.274
46591	0.022	0.754
46592	0.026	0.891
46593	Pend	
46594	Pend	
46595	<.001	<.03
46596	0.010	0.343
46597	0.014	0.480

19 **Splits**
3 **Pend**

Std OxL 78	0.178	6.103
Blank	<.001	<.03

Certified Assayer:



PolyMet Laboratories

Client: Queenston (Vault Div.)

CERTIFICATE 9114

Job No. 0-155

Date:
Dec. 13, 2010

Splits

Sample #	**Au Oz/ton**	**g/tonne**
46598	0.002	0.069
46599	0.004	0.137
46600	0.002	0.069
46601	0.006	0.206
46602	<.001	<.03
46603	0.010	0.343
46604	0.022	0.754
46605	0.008	0.274
46606	0.008	0.274
46607	0.008	0.274
46608	0.026	0.891
46609	0.020	0.686
46610	0.002	0.069
48193	<.001	<.03
48194	<.001	<.03
48195	<.001	<.03
48196	<.001	<.03
48197	<.001	<.03
48198	<.001	<.03
48199	<.001	<.03
48200	<.001	<.03

21 **Splits**

Std OxL 78	0.172	5.897
Blank	<.001	<.03

Certified Assayer:

PolyMet Laboratories

Client: Queenston (Vault Div.)

CERTIFICATE 9115

Job No. 0-155

Date:
Dec. 13, 2010

Splits

Sample #	**Au Oz/ton**	**g/tonne**
48201	<.001	<.03
48202	0.008	0.274
48203	<.001	<.03
48204	Pend	
48205	<.001	<.03
48206	<.001	<.03
48207	0.028	0.960
48208	0.002	0.069
48209	<.001	<.03
48210	0.049	1.680
48211	<.001	<.03
48212	Pend	
48213	<.001	<.03
48214	Pend	
48215	<.001	<.03
48216	<.001	<.03
48217	<.001	<.03
48218	<.001	<.03
48219	<.001	<.03
48220	<.001	<.03
48221	<.001	<.03
48222	<.001	<.03

19 **Splits**
3 **Pend**

Std OxL 78	0.172	5.897
Blank	<.001	<.03

Certified Assayer:

PolyMet Laboratories

Client: Queenston (Vault Div.)

CERTIFICATE 9116

Job No. 0-155

Date:
Dec. 13, 2010

Splits

Sample #	**Au Oz/ton**	**g/tonne**
48223	<.001	<.03
48224	<.001	<.03
48225	<.001	<.03
48226	<.001	<.03
48227	<.001	<.03
48228	<.001	<.03
48229	<.001	<.03
48230	<.001	<.03
48231	<.001	<.03
48232	<.001	<.03
48233	<.001	<.03
48234	<.001	<.03
48235	<.001	<.03
48236	<.001	<.03
48237	<.001	<.03
48238	0.169	5.794
48239	0.002	0.069
48240	<.001	<.03
48241	<.001	<.03
48242	<.001	<.03
48243	<.001	<.03
48244	<.001	<.03

22 **Splits**

Std OxL 78	0.174	5.966
Blank	<.001	<.03

Certified Assayer:



PolyMet Laboratories

Client: Queenston (Vault Div.)

CERTIFICATE 9117

Job No. 0-155

Date:
Dec. 13, 2010

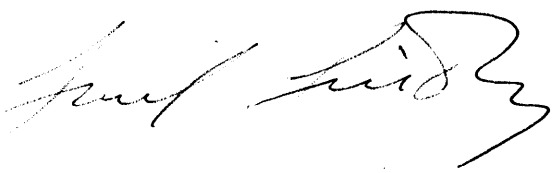
Splits

Sample #	**Au Oz/ton**	**g/tonne**
48245	<.001	<.03
48246	<.001	<.03
48247	<.001	<.03
48248	<.001	<.03
48249	0.002	0.069
48250	0.022	0.754
48251	<.001	<.03
48252	<.001	<.03
48253	<.001	<.03
48254	0.002	0.069
48255	<.001	<.03
48256	<.001	<.03
48257	<.001	<.03
48258	0.008	0.274
48259	<.001	<.03
48260	0.163	5.589
48261	0.006	0.206
48262	0.008	0.274
63975	0.018	0.617
63976	<.001	<.03
34664	0.028	0.960
34667	Pend	

21 **Splits**
1 **Pend**

Std OxL 78	0.174	5.966
Blank	<.001	<.03

Certified Assayer:



PolyMet Laboratories

Client: Queenston (Vault Div.)

CERTIFICATE **9118**

Job No. 0-155

Date:
Dec. 13, 2010

	Original		**Check**	
Sample #	**Au Oz/ton**	**g/tonne**	**Au Oz/ton**	**g/tonne**
46545	0.356	12.206	0.310	10.629
46554	0.048	1.646	0.046	1.577
46555	0.100	3.429	0.116	3.977
46557	0.110	3.771	0.080	2.743
46559	0.038	1.303	0.036	1.234
46560	0.080	2.743	0.084	2.880
46561	0.336	11.520	0.340	11.657
46562	0.046	1.577	0.048	1.646
46563	0.838	28.732	0.972	33.326
46569	0.166	5.691	0.164	5.623
46570	0.034	1.166	0.042	1.440
46571	0.058	1.989	0.058	1.989
46572	0.076	2.606	0.078	2.674
46573	0.302	10.354	0.300	10.286
46588	0.032	1.097	0.042	1.440
46593	0.224	7.680	0.244	8.366
46594	0.124	4.251	0.130	4.457
48204	0.074	2.537	0.104	3.566
48212	0.038	1.303	0.030	1.029
48214	0.030	1.029	0.028	0.960
34677	0.038	1.303	0.040	1.371

Certified Assayer:

PolyMet Labs
A Division of Polymet Resources Ltd.

1 Presley St, P.O. Box 699, Cobalt, Ontario, Canada P0J 1C0
Tel: (705) 679-5500 • Fax: (705) 679-5519
Email: info@polymetinc.com Website: www.polymetinc.com

Certificate of Analysis

Queenston Mining Inc.
(Vault Division)

We certify that the assay results in the following Certificates are factual and true.

Certificate #'s 9119 & 9151

Certified by: _____
Chief Assayer

Certified by: _____
President/Manager

Date: Dec. 14, 2010

Disclaimer: The results included on this report relate only to the items tested. The Certificate of Analysis should not be reproduced except in full, without the written approval of the laboratory.

PolyMet Laboratories

Client: Queenston (Vault Div.)

CERTIFICATE 9119 Job No. 0-155

Date:
Dec. 14, 2010

Splits

Sample #	**Au Oz/ton**	**g/tonne**
48861	0.008	0.274
48862	0.016	0.549
48863	<.001	<.03
48864	Pend	

Corrected assays from Certificate # 8851

			N/C	**Splits**
Std OxL 78	0.172	5.897	N/C	**Pend**
Blank	<.001	<.03		

Certified Assayer: Linda Johnson

PolyMet Laboratories

Client: Queenston (Vault Div.)

CERTIFICATE 9151 Job No. 0-155

Date:
Dec. 13, 2010

Splits

Sample #	**Au Oz/ton**	**g/tonne**
48885	<.001	<.03
48886	<.001	<.03
48887	<.001	<.03
48888	<.001	<.03

Corrected assays from Certificate # 8852

		N/C	**Splits**
Std OxL 78	0.172	5.897	
Blank	<.001	<.03	

Certified Assayer: Paula Johnson

PolyMet Labs
A Division of Polymet Resources Ltd.

1 Presley St, P.O. Box 699, Cobalt, Ontario, Canada P0J 1C0
Tel: (705) 679-5500 • Fax: (705) 679-5519
Email: info@polymetinc.com Website: www.polymetinc.com

Certificate of Analysis

Queenston (Vault Division)

We certify that the assay results in the following Certificates are factual and true.

Certificate #'s 9168, 9169, 9170, 9171 & 9172

Certified by: _____
Chief Assayer

Certified by: _____
President/Manager

Date: Dec. 23, 2010

Disclaimer: The results included on this report relate only to the items tested. The Certificate of Analysis should not be reproduced except in full, without the written approval of the laboratory.

PolyMet Laboratories

Client: Queenston (Vault Div.)

CERTIFICATE 9168

Job No. 0-155

Date:
Dec. 23, 2010

Splits

Sample #	**Au Oz/ton**	**g/tonne**
46631	Pend	
46632	<.001	<.03
46633	Pend	
46634	0.010	0.343
46635	Pend	
46636	0.022	0.754
46637	Pend	
46638	0.006	0.206
46639	0.014	0.480
46640	<.001	<.03
46641	0.002	0.069
46642	0.020	0.686
46643	0.012	0.411
46644	Pend	
46645	0.016	0.549
46646	Pend	
46647	<.001	<.03
46648	0.016	0.549
46649	0.051	1.749
46650	<.001	<.03
46651	<.001	<.03

15 **Splits**
6 **Pend**

Std OxL 78	0.176	6.034
Blank	<.001	<.03

Certified Assayer:



PolyMet Laboratories

Client: Queenston (Vault Div.)

CERTIFICATE 9169

Job No. 0-155

Date:
Dec. 23, 2010

Splits

Sample #	**Au Oz/ton**	**g/tonne**
46652	0.024	0.823
46653	0.014	0.480
46654	0.024	0.823
46655	<.001	<.03
46656	0.016	0.549
46657	0.004	0.137
46658	0.002	0.069
46659	0.024	0.823
46660	0.160	5.486
46661	0.004	0.137
46662	Pend	
46663	Pend	
46664	0.020	0.686
46665	Pend	
46666	0.020	0.686
46667	Pend	
46668	Pend	
46669	<.001	<.03
46670	Pend	
46671	0.026	0.891
46672	Pend	
46673	Pend	

14 **Splits**
8 **Pend**

Std OxL 78	0.176	6.034
Blank	<.001	<.03

Certified Assayer:



PolyMet Laboratories

Client: Queenston (Vault Div.)

CERTIFICATE 9170

Job No. 0-155

Date:
Dec. 23, 2010

Splits

Sample #	**Au Oz/ton**	**g/tonne**
46674	0.016	0.549
46675	Pend	
46676	0.014	0.480
46677	0.008	0.274
46678	Pend	
46679	Pend	
46680	0.012	0.411
46681	Pend	
46682	0.028	0.960
46683	0.016	0.549
46684	0.002	0.069
46685	0.050	1.714
46686	0.006	0.206
46687	0.026	0.891
46688	0.028	0.960
46689	0.028	0.960
46690	Pend	
46691	0.028	0.960
46692	<.001	<.03
46693	0.002	0.069
46694	0.010	0.343
46695	0.002	0.069

17 **Splits**
5 **Pend**

Std OxL 78	0.174	5.966
Blank	<.001	<.03

Certified Assayer:

PolyMet Laboratories

Client: Queenston (Vault Div.)

CERTIFICATE 9171 Job No. 0-155

Date:
Dec. 23, 2010

Splits

Sample #	**Au Oz/ton**	**g/tonne**
46696	<.001	<.03
46697	Pend	
46698	Pend	
46699	<.001	<.03
46700	Pend	
46701	0.016	0.549
46702	Pend	
46703	<.001	<.03
46704	Pend	
46705	0.012	0.411
46706	Pend	

Std OxL 78	0.174	5.966
Blank	<.001	<.03

5 **Splits**
6 **Pend**

Certified Assayer:



PolyMet Laboratories

Client: Queenston (Vault Div.)

CERTIFICATE **9172**

Job No. 0-155

Date:
Dec. 23, 2010

	Original		**Check**	
Sample #	**Au Oz/ton**	**g/tonne**	**Au Oz/ton**	**g/tonne**
46631	1.850	63.429	2.500	85.715
46633	0.468	16.046	0.348	11.932
46635	0.058	1.989	0.048	1.646
46637	0.040	1.371	0.046	1.577
46644	0.042	1.440	0.036	1.234
46646	0.034	1.166	0.040	1.371
46662	0.064	2.194	0.122	4.183
46663	0.228	7.817	0.214	7.337
46665	0.038	1.303	0.040	1.371
46667	0.032	1.097	0.030	1.029
46668	1.790	61.372	1.916	65.692
46670	0.092	3.154	0.150	5.143
46672	0.076	2.606	0.102	3.497
46673	0.060	2.057	0.058	1.989
46675	0.036	1.234	0.038	1.303
46678	0.154	5.280	0.180	6.171
46679	0.066	2.263	0.064	2.194
46681	0.184	6.309	0.200	6.857
46690	0.042	1.440	0.042	1.440
46697	0.074	2.537	0.084	2.880
46698	0.068	2.331	0.070	2.400
46700	0.092	3.154	0.098	3.360
46702	0.088	3.017	0.090	3.086
46704	0.038	1.303	0.042	1.440
46706	0.088	3.017	0.082	2.811

25 + 50

Certified Assayer:

PolyMet Labs
A Division of Polymet Resources Ltd.

1 Presley St, P.O. Box 699, Cobalt, Ontario, Canada P0J 1C0
Tel: (705) 679-5500 • Fax: (705) 679-5519
Email: info@polymetinc.com Website: www.polymetinc.com

Certificate of Analysis

Queenston (Vault Division)

We certify that the assay results in the following Certificates are factual and true.

Certificate #'s 9196, 9197, 9198, 9199 & 9200

Certified by: _____
Chief Assayer

Certified by: _____
President/Manager

Date: Dec. 29, 2010

Disclaimer: The results included on this report relate only to the items tested. The Certificate of Analysis should not be reproduced except in full, without the written approval of the laboratory.

PolyMet Laboratories

Client: Queenston (Vault Div.)

CERTIFICATE 9196

Job No. 0-155

Date:
Dec. 29, 2010

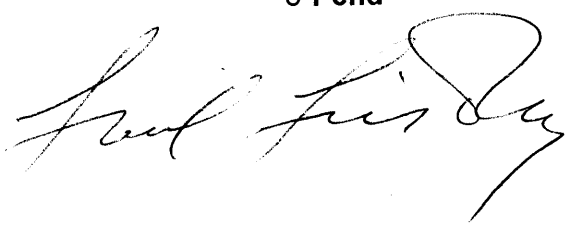
Splits

Sample #	**Au Oz/ton**	**g/tonne**
34665	0.026	0.891
34666	0.002	0.069
34667	0.024	0.823
34668	Pend	
34669	0.010	0.343
34670	Pend	
34671	0.024	0.823
34672	Pend	
34673	Pend	
34674	Pend	
34675	Pend	
34676	Pend	
34678	<.001	<.03
34679	<.001	<.03
34680	<.001	<.03
34681	Pend	
34682	0.020	0.686

9 **Splits**
8 **Pend**

Std OxL 78	0.180	6.171
Blank	<.001	<.03

Certified Assayer:



PolyMet Laboratories

Client: Queenston (Vault Div.)

CERTIFICATE 9197

Job No. 0-155

Date:
Dec. 29, 2010

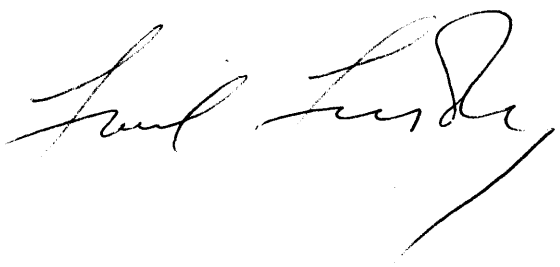
Splits

Sample #	**Au Oz/ton**	**g/tonne**
63977	<.001	<.03
63978	<.001	<.03
63979	<.001	<.03
63980	<.001	<.03
63981	0.002	0.069
63982	0.002	0.069
63983	<.001	<.03
63984	<.001	<.03
63985	<.001	<.03
63986	<.001	<.03
63987	<.001	<.03
63988	<.001	<.03
48339	0.166	5.691
48340	<.001	<.03
48341	<.001	<.03
48342	0.014	0.480
48343	0.002	0.069
48344	<.001	<.03
48345	0.006	0.206
48346	<.001	<.03
47347	<.001	<.03
48348	0.028	0.960

22 **Splits**

Std OxL 78	0.180	6.171
Blank	<.001	<.03

Certified Assayer:



PolyMet Laboratories

Client: Queenston (Vault Div.)

CERTIFICATE 9198

Job No. 0-155

Date:
Dec. 29, 2010

Splits

Sample #	**Au Oz/ton**	**g/tonne**
48349	<.001	<.03
48350	<.001	<.03
48351	Pend	
48352	<.001	<.03
46707	<.001	<.03
46708	<.001	<.03
46709	Pend	
46710	0.024	0.823
46711	<.001	<.03
46712	Pend	
46713	<.001	<.03
46714	0.002	0.069
46715	0.164	5.623
46716	0.002	0.069
46717	Pend	
46718	<.001	<.03
46719	Pend	
46720	<.001	<.03
46721	<.001	<.03
46722	<.001	<.03
46723	Pend	
46724	<.001	<.03

16 **Splits**
6 **Pend**

Std OxL 78	0.178	6.103
Blank	<.001	<.03

Certified Assayer:

PolyMet Laboratories

Client: Queenston (Vault Div.)

CERTIFICATE 9199

Job No. 0-155

Date:
Dec. 29, 2010

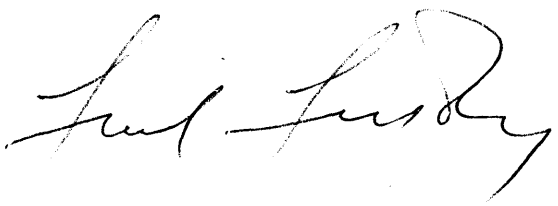
Splits

Sample #	**Au Oz/ton**	**g/tonne**
46725	<.001	<.03
46726	<.001	<.03
46727	0.022	0.754
46728	Pend	
46729	<.001	<.03
46730	<.001	<.03
46731	<.001	<.03
46732	Pend	
46733	0.020	0.686
46734	0.024	0.823
46735	<.001	<.03
46736	0.043	1.474
46737	Pend	
46738	Pend	

10 **Splits**
4 **Pend**

Std OxL 78	0.178	6.103
Blank	<.001	<.03

Certified Assayer:



PolyMet Laboratories

Client: Queenston (Vault Div.)

CERTIFICATE **9200**

Job No. 0-155

Date:
Dec. 29 , 2010

	Original		**Check**	
Sample #	**Au Oz/ton**	**g/tonne**	**Au Oz/ton**	**g/tonne**
34668	0.122	4.183	0.128	4.389
34670	0.032	1.097	0.034	1.166
34672	0.036	1.234	0.054	1.851
34673	0.068	2.331	0.048	1.646
34674	0.174	5.966	0.176	6.034
34675	0.046	1.577	0.046	1.577
34676	0.078	2.674	0.084	2.880
34681	0.064	2.194	0.064	2.194
48351	0.040	1.371	0.046	1.577
46709	0.036	1.234	0.036	1.234
46712	0.054	1.851	0.044	1.509
46717	0.088	3.017	0.092	3.154
46719	0.088	3.017	0.090	3.086
46723	0.072	2.469	0.082	2.811
46728	0.044	1.509	0.038	1.303
46732	0.036	1.234	0.028	0.960
46737	0.080	2.743	0.086	2.949
46738	0.066	2.263	0.060	2.057

18 + 36

Certified Assayer:

PolyMet Labs
A Division of Polymet Resources Ltd.

1 Presley St, P.O. Box 699, Cobalt, Ontario, Canada P0J 1C0
Tel: (705) 679-5500 • Fax: (705) 679-5519
Email: info@polymetinc.com Website: www.polymetinc.com

Certificate of Analysis

Queenston Mining Inc.
(Vault Division)

We certify that the assay results in the following Certificates are factual and true.

Certificate #'s 9231, 9232, 9233, 9234 & 9235

Certified by: Carla Johnson
Chief Assayer

Certified by: _____
President/Manager

Date: Jan. 5, 2011

Disclaimer: The results included on this report relate only to the items tested. The Certificate of Analysis should not be reproduced except in full, without the written approval of the laboratory.

PolyMet Laboratories

Client: Queenston (Vault Div.)

CERTIFICATE 9231

Job No. 0-155

Date:
Jan. 5, 2011

Splits

Sample #	**Au Oz/ton**	**g/tonne**
51534	<.001	<.03
51535	<.001	<.03
51536	0.004	0.137
51537	0.012	0.411
51538	0.002	0.069
51539	0.022	0.754
51540	0.056	1.920
51541	0.002	0.069
51542	0.006	0.206
51543	0.016	0.549
51544	0.022	0.754
51545	0.026	0.891
51546	Pend	
51547	<.001	<.03
51548	0.026	0.891
51549	Pend	
51550	Pend	
51551	0.016	0.549
51552	0.171	5.863
51553	0.016	0.549

17 **Splits**
3 **Pend**

Std OxL 78	0.174	5.966
Blank	<.001	<.03

Certified Assayer:



PolyMet Laboratories

Client: Queenston (Vault Div.)

CERTIFICATE 9232

Job No. 0-155

Date:
Jan. 5, 2011

Splits

Sample #	**Au Oz/ton**	**g/tonne**
51554	0.008	0.274
51555	<.001	<.03
51556	<.001	<.03
51557	0.006	0.206
51558	<.001	<.03
51559	0.002	0.069
51560	<.001	<.03
51561	0.006	0.206
51562	<.001	<.03
51563	0.002	0.069
51564	0.010	0.343
51565	Pend	
51566	Pend	
51567	0.024	0.823
51568	<.001	<.03
51569	0.022	0.754
51570	0.006	0.206
51571	0.002	0.069
51572	<.001	<.03
51573	0.002	0.069
51574	<.001	<.03
51575	<.001	<.03

20 **Splits**
2 **Pend**

Std OxL 78	0.174	5.966
Blank	<.001	<.03

Certified Assayer:



PolyMet Laboratories

Client: Queenston (Vault Div.)

CERTIFICATE 9233

Job No. 0-155

Date:
Jan. 5, 2011

Splits

Sample #	**Au Oz/ton**	**g/tonne**
51576	0.048	1.646
51577	<.001	<.03
51578	<.001	<.03
51579	0.012	0.411
51580	0.010	0.343
51581	Pend	
51582	0.020	0.686
51583	<.001	<.03
51584	Pend	
51585	0.014	0.480
51586	0.008	0.274
51587	0.008	0.274
51588	0.014	0.480
51589	0.014	0.480
51590	0.169	5.794
51591	0.004	0.137
51592	0.006	0.206
51593	0.008	0.274
51594	<.001	<.03
51595	<.001	<.03
51596	0.006	0.206
51597	Pend	

19 **Splits**
3 **Pend**

Std OxL 78	0.172	5.897
Blank	<.001	<.03

Certified Assayer:

PolyMet Laboratories

Client: Queenston (Vault Div.)

CERTIFICATE 9234 Job No. 0-155

Date:
Jan. 5, 2011

Splits

Sample #	**Au Oz/ton**	**g/tonne**
51598	Pend	
51599	0.018	0.617
51600	0.048	1.646
51601	0.022	0.754
51602	Pend	
51603	<.001	<.03
51604	0.008	0.274
51605	Pend	
51606	0.004	0.137
51607	0.010	0.343

7 **Splits**
3 **Pend**

Std OxL 78	0.172	5.897
Blank	<.001	<.03

Certified Assayer:

PolyMet Laboratories

Client: Queenston (Vault Div.)

CERTIFICATE **9235**

Job No. 0-155

Date:
Jan 5,2010

	Original		**Check**	
Sample #	**Au Oz/ton**	**g/tonne**	**Au Oz/ton**	**g/tonne**
51546	0.066	2.263	0.064	2.194
51549	0.044	1.509	0.034	1.166
51550	0.088	3.017	0.060	2.057
51565	0.082	2.811	0.096	3.291
51566	0.038	1.303	0.034	1.166
51581	0.050	1.714	0.054	1.851
51584	0.036	1.234	0.026	0.891
51597	0.034	1.166	0.022	0.754
51598	0.034	1.166	0.030	1.029
51602	0.044	1.509	0.054	1.851
51605	0.038	1.303	0.040	1.371

11 + 22

Certified Assayer:

PolyMet Labs
A Division of Polymet Resources Ltd.

1 Presley St, P.O. Box 699, Cobalt, Ontario, Canada P0J 1C0
Tel: (705) 679-5500 • Fax: (705) 679-5519
Email: info@polymetinc.com Website: www.polymetinc.com

Certificate of Analysis

Queenston Mining Inc.
(Vault Division)

We certify that the assay results in the following Certificates are factual and true.

Certificate #'s 9350, 9351, 9352, 9353, 9354, 9355, 9356, 9357, 9358, 9359, 9360, 9379, 9380, 9381, 9382, 9383, & 9384

Certified by: _____
Chief Assayer

Certified by: _____
President/Manager

Date: Jan. 24, 2011

Disclaimer: The results included on this report relate only to the items tested. The Certificate of Analysis should not be reproduced except in full, without the written approval of the laboratory.

PolyMet Laboratories

Client: Queenston (Vault Div.)

CERTIFICATE 9350

Job No. 0-155

Date:
Jan. 21, 2011

Splits

Sample #	**Au Oz/ton**	**g/tonne**
47505	<.001	<.03
47506	<.001	<.03
47507	<.001	<.03
47508	<.001	<.03
47509	<.001	<.03
47510	<.001	<.03
47511	0.002	0.069
47512	0.008	0.274
47513	0.002	0.069
47514	0.004	0.137
47515	<.001	<.03
47516	0.004	0.137
47517	<.001	<.03
47518	<.001	<.03
47519	0.168	5.760
47520	<.001	<.03
47521	<.001	<.03

17 **Splits**

Std OxN 77	0.232	7.954
Blank	<.001	<.03

Certified Assayer:



PolyMet Laboratories

Client: Queenston (Vault Div.)

CERTIFICATE 9351

Job No. 0-155

Date:
Jan. 21, 2011

Splits

Sample #	**Au Oz/ton**	**g/tonne**
47522	<.001	<.03
47523	0.028	0.960
47524	<.001	<.03
47525	0.028	0.960
47526	0.022	0.754
47527	0.018	0.617
47529	<.001	<.03
47530	<.001	<.03
47531	0.006	0.206
47532	0.002	0.069
47533	0.010	0.343
47534	No Sample	
47535	<.001	<.03
47536	<.001	<.03
47537	0.026	0.891
47538	<.001	<.03
47539	0.002	0.069
47540	0.016	0.549
47541	Pend.	
47542	0.026	0.891
48263	0.022	0.754
48264	0.004	0.137

20 **Splits**
1 **Pend**

Std OxN 77	0.232	7.954
Blank	<.001	<.03

Certified Assayer:



PolyMet Laboratories

Client: Queenston (Vault Div.)

CERTIFICATE 9352

Job No. 0-155

Date:
Jan. 21, 2011

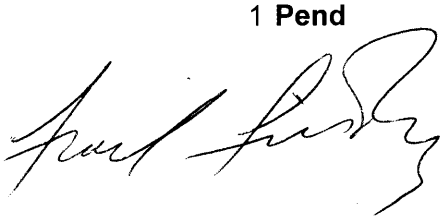
Splits

Sample #	**Au Oz/ton**	**g/tonne**
48265	<.001	<.03
48266	Pend	
48267	<.001	<.03
48268	0.018	0.617
48269	<.001	<.03
48270	0.002	0.069
48271	0.012	0.411
48272	0.012	0.411
48273	<.001	<.03
48274	0.020	0.686
48275	<.001	<.03
48276	0.012	0.411
48277	0.016	0.549
48278	0.014	0.480
48279	0.010	0.343
48280	0.002	0.069
48281	0.020	0.686
48282	0.016	0.549
48283	0.002	0.069
48284	0.040	1.371
48285	0.056	1.920
48286	<.001	<.03

21 **Splits**
1 **Pend**

Std OxN 77	0.232	7.954
Blank	<.001	<.03

Certified Assayer:



PolyMet Laboratories

Client: Queenston (Vault Div.)

CERTIFICATE 9353

Job No. 0-155

Date:
Jan. 21, 2011

Splits

Sample #	**Au Oz/ton**	**g/tonne**
48287	<.001	<.03
48288	<.001	<.03
48289	<.001	<.03
48290	<.001	<.03
48291	0.002	0.069
48292	<.001	<.03
48293	0.002	0.069
48294	<.001	<.03
48295	0.010	0.343
48296	0.002	0.069
48297	0.018	0.617
48298	0.002	0.069
47561	<.001	<.03
47562	Pend	
47563	<.001	<.03
47564	<.001	<.03
47565	0.002	0.069
47566	0.160	5.486
47567	<.001	<.03
47568	0.002	0.069
47569	<.001	<.03

20 **Splits**
1 **Pend**

Std OxN 77	0.222	7.611
Blank	<.001	<.03

Certified Assayer:

PolyMet Laboratories

Client: Queenston (Vault Div.)

CERTIFICATE 9354 Job No. 0-155

Date:
Jan. 21, 2011

Splits

Sample #	**Au Oz/ton**	**g/tonne**
47570	<.001	<.03
47571	0.002	0.069
47572	0.012	0.411
47573	0.004	0.137
47574	Pend	
47575	0.028	0.960
47576	Pend	
47577	<.001	<.03
47578	Pend	
47579	<.001	<.03
47580	<.001	<.03
47581	Pend	
47582	0.050	1.714
47583	Pend	
47584	Pend	
47585	Pend	
47586	Pend	
47587	<.001	<.03
47588	Pend	
47589	Pend	
47590	Pend	
47591	Pend	

10 **Splits**
12 **Pend**

Std OxN 77	0.222	7.611
Blank	<.001	<.03

Certified Assayer:

PolyMet Laboratories

Client: Queenston (Vault Div.)

CERTIFICATE **9355**

Job No. 0-155

Date:
Jan. 21, 2011

	Original		**Check**	
Sample #	**Au Oz/ton**	**g/tonne**	**Au Oz/ton**	**g/tonne**
47541	0.054	1.851	0.050	1.714
48266	0.048	1.646	0.042	1.440
47562	0.034	1.166	0.044	1.509
47574	0.032	1.097	0.034	1.166
47576	0.670	22.972	0.726	24.892
47578	0.068	2.331	0.058	1.989
47581	0.184	6.309	0.104	3.566
47583	0.226	7.749	0.152	5.211
47584	0.122	4.183	0.136	4.663
47585	0.202	6.926	0.262	8.983
47586	1.034	35.452	1.018	34.903
47588	6.240	213.945	5.214	178.767
47589	0.334	11.452	0.324	11.109
47590	0.076	2.606	0.080	2.743
47591	0.070	2.400	0.062	2.126

15 + 30

Certified Assayer:

PolyMet Laboratories

Client: Queenston (Vault Div.)

CERTIFICATE 9356

Job No. 0-155

Date:
Jan. 21, 2011

Splits

Sample #	**Au Oz/ton**	**g/tonne**
47592	0.006	0.206
47593	Pend	
47594	<.001	<.03
47595	<.001	<.03
47596	0.159	5.451
47597	<.001	<.03
47598	0.010	0.343
47599	Pend	
47600	0.002	0.069
51504	Pend	
51505	<.001	<.03
51506	0.006	0.206
51507	0.020	0.686
51508	0.014	0.480
51509	0.026	0.891
51510	Pend	
51511	<.001	<.03
51512	0.004	0.137
51513	0.004	0.137
51514	0.002	0.069
51515	<.001	<.03
51516	0.010	0.343

18 **Splits**
4 **Pend**

Std OxN 77	0.228	7.817
Blank	<.001	<.03

Certified Assayer:

PolyMet Laboratories

Client: Queenston (Vault Div.)

CERTIFICATE 9357

Job No. 0-155

Date:
Jan. 21, 2011

Splits

Sample #	**Au Oz/ton**	**g/tonne**
51517	0.006	0.206
51518	0.010	0.343
51519	0.012	0.411
51520	0.008	0.274
51521	0.010	0.343
51522	0.014	0.480
51523	0.008	0.274
51524	0.006	0.206
51525	0.004	0.137
51526	Pend	
51527	Pend	
51528	0.016	0.549
51529	<.001	<.03
51530	0.024	0.823
51531	Pend	
51532	0.018	0.617
51533	<.001	<.03
52157	0.008	0.274
52158	0.004	0.137
52159	0.008	0.274
52160	0.010	0.343

18 **Splits**
3 **Pend**

Std OxN 77	0.228	7.817
Blank	<.001	<.03

Certified Assayer:

PolyMet Laboratories

Client: Queenston (Vault Div.)

CERTIFICATE 9358

Job No. 0-155

Date:
Jan. 21, 2011

Splits

Sample #	**Au Oz/ton**	**g/tonne**
52161	Pend	
52162	Pend	
52163	0.020	0.686
52164	0.002	0.069
52165	Pend	
52166	Pend	
52167	0.010	0.343
52168	0.016	0.549
52169	0.004	0.137
52170	<.001	<.03
52171	<.001	<.03
52172	<.001	<.03
52173	<.001	<.03
52174	0.022	0.754
52175	0.024	0.823
52176	<.001	<.03
52177	<.001	<.03
52178	<.001	<.03
52179	<.001	<.03
52180	0.004	0.137
52181	<.001	<.03
52182	<.001	<.03

18 **Splits**
4 **Pend**

Std OxN 77	0.228	7.817
Blank	<.001	<.03

Certified Assayer:

PolyMet Laboratories

Client: Queenston (Vault Div.)

CERTIFICATE 9359 Job No. 0-155

Date:
Jan. 21, 2011

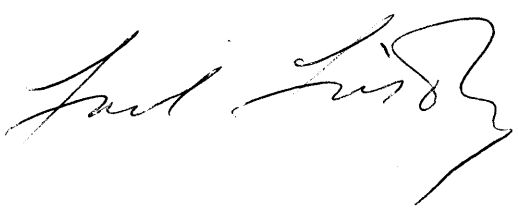
Splits

Sample #	**Au Oz/ton**	**g/tonne**
52183	0.002	0.069
52184	0.006	0.206
52185	0.010	0.343
52186	0.004	0.137
52187	0.010	0.343
52188	0.004	0.137
52189	0.004	0.137
52190	0.006	0.206
52191	0.004	0.137
52192	0.006	0.206
52193	0.002	0.069
52194	0.010	0.343
52195	0.010	0.343
52196	0.010	0.343
52197	0.002	0.069

15 **Splits**

Std OxN 77	0.228	7.817
Blank	<.001	<.03

Certified Assayer:



PolyMet Laboratories

		Client:	Queenston (Vault Div.)
CERTIFICATE	**9360**	Job No.	0-155

Date:
Jan. 21, 2011

	Original		**Check**	
Sample #	**Au Oz/ton**	**g/tonne**	**Au Oz/ton**	**g/tonne**
47593	0.036	1.234	0.042	1.440
47599	0.076	2.606	0.062	2.126
51504	0.184	6.309	0.176	6.034
51510	0.100	3.429	0.104	3.566
51526	0.040	1.371	0.046	1.577
51527	0.054	1.851	0.040	1.371
51531	0.134	4.594	0.130	4.457
52161	0.198	6.789	0.204	6.994
52162	0.058	1.989	0.054	1.851
52165	0.032	1.097	0.028	0.960
52166	0.032	1.097	0.030	1.029

11 + 22

Certified Assayer:

PolyMet Laboratories

Client: Queenston (Vault Div.)

CERTIFICATE 9379

Job No. 0-155

Date:
Jan. 24, 2011

Splits

Sample #	**Au Oz/ton**	**g/tonne**
47543	<.001	<.03
47544	<.001	<.03
47545	0.163	5.589
47546	Pend	
47547	<.001	<.03
47548	<.001	<.03
47549	Pend	
47550	<.001	<.03
47551	<.001	<.03
47552	0.002	0.069
47553	<.001	<.03
47554	<.001	<.03
47555	0.016	0.549
47556	<.001	<.03
47557	<.001	<.03
47558	0.006	0.206
47559	0.014	0.480
47560	<.001	<.03

16 **Splits**
2 **Pend**

Std OxN 77	0.230	7.886
Blank	<.001	<.03

Certified Assayer:

PolyMet Laboratories

Client: Queenston (Vault Div.)

CERTIFICATE 9380 Job No. 0-155

Date:
Jan. 24, 2011

Splits

Sample #	**Au Oz/ton**	**g/tonne**
52105	<.001	<.03
52106	<.001	<.03
52107	<.001	<.03
52108	<.001	<.03
52109	0.049	1.680
52110	<.001	<.03
52111	<.001	<.03
52112	<.001	<.03
52113	<.001	<.03
52114	<.001	<.03
51900	<.001	<.03
51901	<.001	<.03
51902	<.001	<.03
51903	0.002	0.069
51904	<.001	<.03
51905	<.001	<.03
51906	0.049	1.680
51907	<.001	<.03
51908	0.014	0.480
51909	<.001	<.03
51910	<.001	<.03
51911	<.001	<.03

22 **Splits**

Std OxN 77	0.232	7.954
Blank	<.001	<.03

Certified Assayer:



PolyMet Laboratories

Client: Queenston (Vault Div.)

CERTIFICATE 9381

Job No. 0-155

Date:
Jan. 24, 2011

Splits

Sample #	**Au Oz/ton**	**g/tonne**
51912	<.001	<.03
51913	<.001	<.03
51914	<.001	<.03
51915	<.001	<.03
51916	<.001	<.03
51917	<.001	<.03
51918	0.002	0.069
51919	<.001	<.03
51920	0.024	0.823
51921	0.168	5.760
51922	0.018	0.617
51923	<.001	<.03
51924	0.014	0.480
51925	0.008	0.274
51926	0.012	0.411
51927	<.001	<.03
51928	Pend	
51929	0.024	0.823
51930	Pend	
51931	<.001	<.03
51932	<.001	<.03
51933	0.016	0.549

20 **Splits**
2 **Pend**

Std OxN 77	0.232	7.954
Blank	<.001	<.03

Certified Assayer:

PolyMet Laboratories

Client: Queenston (Vault Div.)

CERTIFICATE 9382

Job No. 0-155

Date:
Jan. 24, 2011

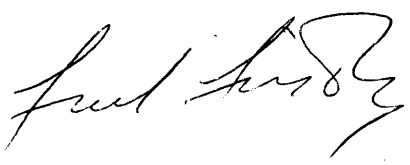
Splits

Sample #	**Au Oz/ton**	**g/tonne**
51934	<.001	<.03
51935	Pend	
51936	0.050	1.714
51937	<.001	<.03
51938	<.001	<.03
51939	Pend	
51940	0.004	0.137
51941	Pend	
51942	<.001	<.03
51943	0.016	0.549
51944	0.008	0.274
51945	0.002	0.069
51946	0.014	0.480
51947	0.016	0.549
51948	<.001	<.03
52198	<.001	<.03
52199	<.001	<.03
52200	<.001	<.03
52201	<.001	<.03
52202	0.010	0.343
52203	<.001	<.03

18 **Splits**
3 **Pend**

Std OxN 77	0.236	8.091
Blank	<.001	<.03

Certified Assayer:



PolyMet Laboratories

Client: Queenston (Vault Div.)

CERTIFICATE 9383

Job No. 0-155

Date:
Jan. 24, 2011

Splits

Sample #	**Au Oz/ton**	**g/tonne**
52204	<.001	<.03
52205	<.001	<.03
52146	<.001	<.03
52147	0.002	0.069
52148	<.001	<.03
52149	<.001	<.03
52150	<.001	<.03
52151	<.001	<.03
52152	<.001	<.03
52153	<.001	<.03
52154	<.001	<.03
52155	0.006	0.206
52156	<.001	<.03

13 **Splits**
Pend

Std OxN 77	0.236	8.091
Blank	<.001	<.03

Certified Assayer:

PolyMet Laboratories

Client: Queenston (Vault Div.)

CERTIFICATE **9384** Job No. 0-155

Date: Jan. 24, 2011

	Original		Check	
Sample #	**Au Oz/ton**	**g/tonne**	**Au Oz/ton**	**g/tonne**
47546	0.040	1.371	0.054	1.851
47549	0.036	1.234	0.044	1.509
51928	0.040	1.371	0.036	1.234
51930	0.042	1.440	0.034	1.166
51935	0.084	2.880	0.072	2.469
51939	0.061	2.091	0.051	1.749
51941	0.136	4.663	0.146	5.006

7 + 14

Certified Assayer:

PolyMet Labs
A Division of Polymet Resources Ltd.

1 Presley St, P.O. Box 699, Cobalt, Ontario, Canada P0J 1C0
Tel: (705) 679-5500 • Fax: (705) 679-5519
Email: info@polymetinc.com Website: www.polymetinc.com

Certificate of Analysis

Queenston Mining Inc.
(Vault Division)

We certify that the assay results in the following Certificates are factual and true.

Certificate #'s 9421, 9422, 9423, 9424, 9425, 9426, 9427, 9428, 9429, 9430, & 9431

Certified by: _____
Chief Assayer

Certified by: _____
President/Manager

Date: Jan. 28, 2011

Disclaimer: The results included on this report relate only to the items tested. The Certificate of Analysis should not be reproduced except in full, without the written approval of the laboratory.

PolyMet Laboratories

Client: Queenston (Vault Div.)

CERTIFICATE 9421

Job No. 0-155

Date:
Jan. 27, 2011

Splits

Sample #	**Au Oz/ton**	**g/tonne**
47055	0.024	0.823
47056	0.010	0.343
47057	0.026	0.891
47058	0.004	0.137
47059	<.001	<.03
47060	0.008	0.274
47061	0.002	0.069
47062	0.051	1.749
47063	0.006	0.206
47064	<.001	<.03
47065	Pend	
47066	<.001	<.03
47067	Pend	
47068	Pend	
47069	Pend	

Std OxN 77	0.230	7.886
Blank	<.001	<.03

11 **Splits**
4 **Pend**

Certified Assayer:



PolyMet Laboratories

Client: Queenston (Vault Div.)

CERTIFICATE 9422 Job No. 0-155

Date:
Jan. 27, 2011

Splits

Sample #	**Au Oz/ton**	**g/tonne**
47070	0.028	0.960
47071	0.024	0.823
47072	Pend	
47073	0.028	0.960
47074	0.008	0.274
47075	Pend	
47076	Pend	
47077	<.001	<.03
47078	<.001	<.03
47079	<.001	<.03
47080	<.001	<.03
47081	0.167	5.726
47082	<.001	<.03
47083	0.004	0.137
47084	0.002	0.069
47085	<.001	<.03
47086	<.001	<.03
47087	<.001	<.03
47088	<.001	<.03
47089	<.001	<.03
47090	<.001	<.03

18 **Splits**
3 **Pend**

Std OxN 77	0.234	8.023
Blank	<.001	<.03

Certified Assayer:

PolyMet Laboratories

Client: Queenston (Vault Div.)

CERTIFICATE 9423

Job No. 0-155

Date:
Jan. 27, 2011

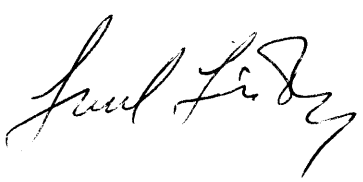
Splits

Sample #	**Au Oz/ton**	**g/tonne**
47091	<.001	<.03
47092	<.001	<.03
47093	<.001	<.03
47094	<.001	<.03
47095	<.001	<.03
47096	0.049	1.680
47097	<.001	<.03
47098	<.001	<.03
47099	<.001	<.03
47100	0.002	0.069
47501	<.001	<.03
47502	0.016	0.549
47503	<.001	<.03
47504	0.024	0.823
52069	<.001	<.03
52070	0.008	0.274
52071	<.001	<.03
52072	<.001	<.03
52073	<.001	<.03
52074	<.001	<.03
52075	<.001	<.03
52076	<.001	<.03

22 **Splits**

Std OxN 77	0.234	8.023
Blank	<.001	<.03

Certified Assayer:



PolyMet Laboratories

Client: Queenston (Vault Div.)

CERTIFICATE 9424

Job No. 0-155

Date:
Jan. 27, 2011

Splits

Sample #	**Au Oz/ton**	**g/tonne**
52077	<.001	<.03
52078	<.001	<.03
52079	<.001	<.03
52080	<.001	<.03
52081	<.001	<.03
52082	<.001	<.03
52083	<.001	<.03
52084	<.001	<.03
52085	0.002	0.069
52086	<.001	<.03
52087	<.001	<.03
52088	<.001	<.03
52089	<.001	<.03
52090	<.001	<.03
52091	0.004	0.137
52092	<.001	<.03
52093	<.001	<.03
52094	<.001	<.03
52095	<.001	<.03
52096	0.002	0.069
52097	<.001	<.03
52098	<.001	<.03

22 **Splits**

Std OxN 77	0.230	7.886
Blank	<.001	<.03

Certified Assayer:



PolyMet Laboratories

Client: Queenston (Vault Div.)

CERTIFICATE 9425

Job No. 0-155

Date:
Jan. 27, 2011

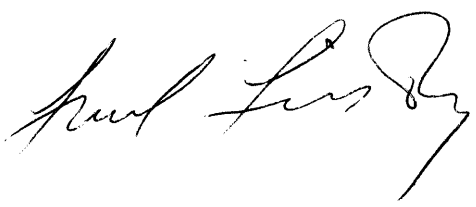
Splits

Sample #	**Au Oz/ton**	**g/tonne**
52099	<.001	<.03
52100	<.001	<.03
52101	<.001	<.03
52102	<.001	<.03
52103	<.001	<.03
52104	<.001	<.03
51980	<.001	<.03
51981	<.001	<.03
51982	<.001	<.03
51983	<.001	<.03
51984	<.001	<.03
51985	<.001	<.03
51986	<.001	<.03
51987	0.164	5.623
51988	0.008	0.274
51989	<.001	<.03
51990	<.001	<.03
51991	<.001	<.03
51992	<.001	<.03
51993	<.001	<.03
51994	<.001	<.03
51995	<.001	<.03

22 **Splits**

Std OxN 77	0.230	7.886
Blank	<.001	<.03

Certified Assayer:



PolyMet Laboratories

Client: Queenston (Vault Div.)

CERTIFICATE 9426 Job No. 0-155

Date:
Jan. 27, 2011

Splits

Sample #	**Au Oz/ton**	**g/tonne**
51996	Pend	
51997	<.001	<.03
51998	<.001	<.03
51999	<.001	<.03
52000	<.001	<.03
52001	Pend	
52002	<.001	<.03
52003	0.006	0.206
52004	0.008	0.274
52005	0.050	1.714
52006	0.012	0.411
52007	0.012	0.411
52008	0.002	0.069
52009	Pend	
52010	Pend	
52011	<.001	<.03
52012	0.012	0.411
52013	Pend	
52014	0.022	0.754
52015	Pend	
52016	0.004	0.137

15 **Splits**
6 **Pend**

Std OxN 77	0.234	8.023
Blank	<.001	<.03

Certified Assayer:

PolyMet Laboratories

Client: Queenston (Vault Div.)

CERTIFICATE 9427 Job No. 0-155

Date:
Jan. 27, 2011

Splits

Sample #	**Au Oz/ton**	**g/tonne**
52017	0.012	0.411
52018	Pend	
52019	0.048	1.646
52020	Pend	
52021	Pend	
52022	Pend	
52023	<.001	<.03
52024	0.010	0.343
52025	<.001	<.03
52026	0.004	0.137
52027	Pend	
52028	Pend	
52029	Pend	
52030	0.020	0.686
52031	0.022	0.754
52032	Pend	
52033	<.001	<.03
52034	Pend	
52035	0.024	0.823
52036	0.004	0.137
52037	0.162	5.554
52038	0.004	0.137

13 **Splits**
9 **Pend**

Std OxN 77	0.234	8.023
Blank	<.001	<.03

Certified Assayer:

PolyMet Laboratories

Client: Queenston (Vault Div.)

CERTIFICATE 9428 Job No. 0-155

Date:
Jan. 28, 2011

Splits

Sample #	**Au Oz/ton**	**g/tonne**
52039	<.001	<.03
52040	0.014	0.480
52041	Pend	
52042	0.016	0.549
52043	0.016	0.549
52044	Pend	
52045	<.001	<.03
52046	0.006	0.206
52047	0.006	0.206
52048	Pend	
52049	<.001	<.03
52050	Pend	
52051	0.004	0.137
52052	0.161	5.520
52053	0.026	0.891
52054	Pend	
52055	Pend	
52056	Pend	
52057	Pend	
52058	<.001	<.03
52059	Pend	

12 **Splits**
9 **Pend**

Std OxN 77	0.230	7.886
Blank	<.001	<.03

Certified Assayer:



PolyMet Laboratories

Client: Queenston (Vault Div.)

CERTIFICATE 9429

Job No. 0-155

Date:
Jan. 28, 2011

Splits

Sample #	**Au Oz/ton**	**g/tonne**
52060	0.006	0.206
52061	0.008	0.274
52062	0.014	0.480
52063	0.012	0.411
52064	Pend	
52065	Pend	
52066	Pend	
52067	<.001	<.03
52068	<.001	<.03

6 **Splits**
3 **Pend**

Std OxN 77	0.230	7.886
Blank	<.001	<.03

Certified Assayer:

PolyMet Laboratories

Client: Queenston (Vault Div.)

CERTIFICATE **9430**

Job No. 0-155

Date:
Jan. 28, 2011

	Original		Check	
Sample #	**Au Oz/ton**	**g/tonne**	**Au Oz/ton**	**g/tonne**
47065	0.078	2.674	0.084	2.880
47067	0.030	1.029	0.028	0.960
47068	0.080	2.743	0.084	2.880
47069	0.102	3.497	0.106	3.634
47072	0.040	1.371	0.036	1.234
47075	0.096	3.291	0.084	2.880
47076	0.068	2.331	0.060	2.057
51996	0.030	1.029	0.018	0.617
52001	0.074	2.537	0.050	1.714
52009	0.078	2.674	0.114	3.909
52010	0.232	7.954	0.144	4.937
52013	0.068	2.331	0.072	2.469
52015	0.032	1.097	0.040	1.371
52018	0.034	1.166	0.038	1.303
52020	0.058	1.989	0.066	2.263
52021	0.064	2.194	0.064	2.194
52022	0.058	1.989	0.060	2.057
52027	0.050	1.714	0.060	2.057

18 + 36

Certified Assayer:

PolyMet Laboratories

		Client:	Queenston (Vault Div.)
CERTIFICATE	**9431**	Job No.	0-155

Date:
Jan. 28, 2011

	Original		**Check**	
Sample #	**Au Oz/ton**	**g/tonne**	**Au Oz/ton**	**g/tonne**
52028	0.042	1.440	0.046	1.577
52029	0.092	3.154	0.096	3.291
52032	0.044	1.509	0.048	1.646
52034	0.082	2.811	0.084	2.880
52041	0.032	1.097	0.040	1.371
52044	0.066	2.263	0.062	2.126
52048	0.140	4.800	0.152	5.211
52050	0.048	1.646	0.056	1.920
52054	0.054	1.851	0.104	3.566
52055	0.136	4.663	0.154	5.280
52056	0.218	7.474	0.252	8.640
52057	0.100	3.429	0.112	3.840
52059	0.082	2.811	0.082	2.811
52064	0.046	1.577	0.054	1.851
52065	0.032	1.097	0.038	1.303
52066	0.046	1.577	0.046	1.577

16 + 32

Certified Assayer:

PolyMet Labs
A Division of Polymet Resources Ltd.

1 Presley St, P.O. Box 699, Cobalt, Ontario, Canada P0J 1C0
Tel: (705) 679-5500 • Fax: (705) 679-5519
Email: info@polymetinc.com Website: www.polymetinc.com

Certificate of Analysis

Queenston Mining Inc.
(Vault Division)

We certify that the assay results in the following Certificates are factual and true.

Certificate #'s 9438, 9439, 9440, 9441, 9442, 9443, 9444, 9445, & 9446

Certified by: _____
Chief Assayer

Certified by: _____
President/Manager

Date: Jan. 28, 2011

Disclaimer: The results included on this report relate only to the items tested. The Certificate of Analysis should not be reproduced except in full, without the written approval of the laboratory.

PolyMet Laboratories

Client: Queenston (Vault Div.)

CERTIFICATE 9438

Job No. 0-155

Date:
Jan. 28, 2011

Splits

Sample #	**Au Oz/ton**	**g/tonne**
48299	<.001	<.03
48300	0.002	0.069
48301	<.001	<.03
48302	<.001	<.03
48303	0.002	0.069
48304	Pend	
48305	0.002	0.069
48306	<.001	<.03
48307	0.004	0.137
48308	0.012	0.411
48309	Pend	
48310	Pend	
48311	Pend	
48312	0.053	1.817
48313	Pend	

10 **Splits**
5 **Pend**

Std OxN 77	0.232	7.954
Blank	<.001	<.03

Certified Assayer:

PolyMet Laboratories

Client: Queenston (Vault Div.)

CERTIFICATE 9439

Job No. 0-155

Date:
Jan. 28, 2011

Splits

Sample #	**Au Oz/ton**	**g/tonne**
48314	<.001	<.03
48315	0.026	0.891
48316	Pend	
48317	Pend	
48318	<.001	<.03
48319	<.001	<.03
48320	<.001	<.03
48321	<.001	<.03
48322	<.001	<.03
48323	<.001	<.03
48324	0.028	0.960
48325	0.010	0.343
48326	Pend	
48327	Pend	
48328	0.028	0.960
48329	0.024	0.823
48330	Pend	
48331	Pend	
48332	0.012	0.411
48333	0.010	0.343
48334	0.012	0.411

15 **Splits**
6 **Pend**

Std OxN 77	0.232	7.954
Blank	<.001	<.03

Certified Assayer:

PolyMet Laboratories

Client: Queenston (Vault Div.)

CERTIFICATE 9440 Job No. 0-155

Date: **Splits**
Jan. 28, 2011

Sample #	**Au Oz/ton**	**g/tonne**
48335	<.001	<.03
48336	<.001	<.03
48337	0.016	0.549
48338	<.001	<.03
52863	<.001	<.03
52864	<.001	<.03
52865	<.001	<.03
52866	<.001	<.03
52867	0.004	0.137
52868	<.001	<.03
52869	0.004	0.137
52870	<.001	<.03
52871	<.001	<.03
52872	0.166	5.691
52873	<.001	<.03
52874	0.014	0.480
48427	<.001	<.03
48428	0.004	0.137
48429	<.001	<.03
48430	<.001	<.03
48431	<.001	<.03
48432	<.001	<.03

2011 BG

22 **Splits**

Std OxN 77	0.234	8.023
Blank	<.001	<.03

Certified Assayer:

PolyMet Laboratories

Client: Queenston (Vault Div.)

CERTIFICATE 9441

Job No. 0-155

Date:
Jan. 28, 2011

Splits

Sample #	**Au Oz/ton**	**g/tonne**
48433	<.001	<.03
48434	0.004	0.137
48435	<.001	<.03
48436	Pend	
48437	<.001	<.03
48438	<.001	<.03
48439	0.165	5.657
48440	<.001	<.03
48441	<.001	<.03
48442	0.002	0.069
48443	<.001	<.03
48444	<.001	<.03
48445	<.001	<.03
48446	<.001	<.03
52273	<.001	<.03
52274	<.001	<.03
52275	<.001	<.03
52276	0.048	1.646
52277	<.001	<.03
52278	<.001	<.03
52279	<.001	<.03

2011 BG

20 **Splits**
1 **Pend**

Std OxN 77	0.234	8.023
Blank	<.001	<.03

Certified Assayer:

PolyMet Laboratories

Client: Queenston (Vault Div.)

CERTIFICATE 9442

Job No. 0-155

Date:
Jan. 28, 2011

Splits

Sample #	**Au Oz/ton**	**g/tonne**
52280	<.001	<.03
52281	<.001	<.03
52282	<.001	<.03
52283	<.001	<.03
52284	<.001	<.03
52285	<.001	<.03
52286	0.002	0.069
52287	0.002	0.069
52288	<.001	<.03
52289	0.018	0.617
52290	<.001	<.03
52291	<.001	<.03
52292	<.001	<.03
52293	0.008	0.274
52294	0.018	0.617
52295	<.001	<.03
52296	0.166	5.691
52297	0.004	0.137
52298	<.001	<.03
52299	<.001	<.03
52300	0.002	0.069
52301	<.001	<.03

22 **Splits**

Std OxN 77	0.230	7.886
Blank	<.001	<.03

Certified Assayer:

PolyMet Laboratories

Client: Queenston (Vault Div.)

CERTIFICATE 9443

Job No. 0-155

Date:
Jan. 28, 2011

Splits

Sample #	**Au Oz/ton**	**g/tonne**
53002	<.001	<.03
53003	<.001	<.03
53004	<.001	<.03
53005	<.001	<.03
53006	0.002	0.069
53007	0.050	1.714
53008	0.004	0.137
53009	0.006	0.206
53010	<.001	<.03
53011	Pend	
53012	<.001	<.03
53013	<.001	<.03
53014	<.001	<.03
53015	0.014	0.480
53016	<.001	<.03
53017	<.001	<.03
52832	0.006	0.206
52833	0.002	0.069
52834	0.002	0.069
52835	<.001	<.03
52836	0.008	0.274
52837	0.006	0.206

21 **Splits**
1 **Pend**

Std OxN 77	0.230	7.886
Blank	<.001	<.03

Certified Assayer:



PolyMet Laboratories

Client: Queenston (Vault Div.)

CERTIFICATE 9444 Job No. 0-155

Date:
Jan. 28, 2011

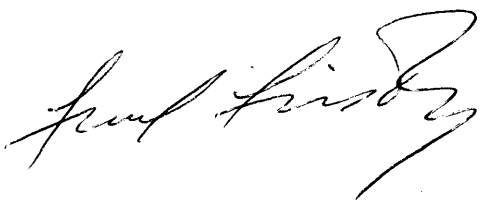
Splits

Sample #	**Au Oz/ton**	**g/tonne**
52838	<.001	<.03
52839	<.001	<.03
52840	<.001	<.03
52841	<.001	<.03
52842	0.002	0.069
52843	0.004	0.137
52844	<.001	<.03
52845	<.001	<.03
52846	<.001	<.03
52847	0.169	5.794
52848	<.001	<.03
52849	0.020	0.686
52850	0.016	0.549
52851	0.002	0.069
52852	0.002	0.069
52853	<.001	<.03
52854	0.008	0.274
52855	<.001	<.03
52856	<.001	<.03
52857	<.001	<.03
52858	<.001	<.03

21 **Splits**

Std OxN 77	0.230	7.886
Blank	<.001	<.03

Certified Assayer:



PolyMet Laboratories

Client: Queenston (Vault Div.)

CERTIFICATE 9445

Job No. 0-155

Date:
Jan. 28, 2011

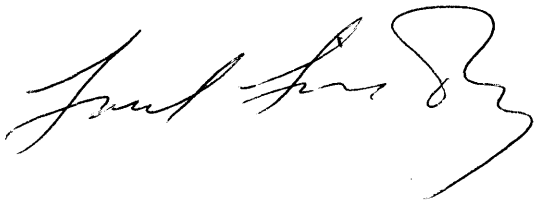
Splits

Sample #	**Au Oz/ton**	**g/tonne**
52859	<.001	<.03
52860	<.001	<.03
52861	<.001	<.03
52862	<.001	<.03
53024	<.001	<.03
53025	Pend	
53026	<.001	<.03
53027	0.002	0.069
53028	0.006	0.206
53029	<.001	<.03
53030	<.001	<.03
53031	<.001	<.03
53032	<.001	<.03
53033	<.001	<.03
53034	<.001	<.03
53035	<.001	<.03
53036	<.001	<.03

16 **Splits**
1 **Pend**

Std OxN 77	0.230	7.886
Blank	<.001	<.03

Certified Assayer:



PolyMet Laboratories

Client: Queenston (Vault Div.)

CERTIFICATE **9446**

Job No. 0-155

Date:
Jan. 28, 2011

	Original		**Check**	
Sample #	**Au Oz/ton**	**g/tonne**	**Au Oz/ton**	**g/tonne**
48304	0.038	1.303	0.046	1.577
48309	0.120	4.114	0.084	2.880
48310	0.032	1.097	0.024	0.823
48311	0.030	1.029	0.026	0.891
48313	0.058	1.989	0.060	2.057
48316	0.034	1.166	0.030	1.029
48617	0.046	1.577	0.042	1.440
48326	0.042	1.440	0.056	1.920
48327	0.034	1.166	0.028	0.960
48330	0.032	1.097	0.030	1.029
48331	0.236	8.091	0.144	4.937
48436	0.184	6.309	0.128	4.389
53011	0.038	1.303	0.038	1.303
53025	0.128	4.389	0.136	4.663

14 + 28

Certified Assayer:

PolyMet Labs
A Division of Polymet Resources Ltd.

1 Presley St, P.O. Box 699, Cobalt, Ontario, Canada P0J 1C0
Tel: (705) 679-5500 • Fax: (705) 679-5519
Email: info@polymetinc.com Website: www.polymetinc.com

Certificate of Analysis

Queenston Mining Inc.
(Vault Division)

We certify that the assay results in the following Certificates are factual and true.

Certificate #'s 9458, 9459, 9460, 9461, 9462, 9463, 9464, 9465, 9466, 9467, & 9468

Certified by: _____
Chief Assayer

Certified by: _____
President/Manager

Date: Jan. 31, 2011

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PolyMet Laboratories

Client: Queenston (Vault Div.)

CERTIFICATE 9458 Job No. 0-155

Date:
Jan. 31, 2011

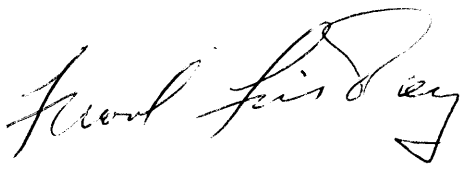
Splits

Sample #	**Au Oz/ton**	**g/tonne**
48447	<.001	<.03
48448	<.001	<.03
48449	<.001	<.03
48450	<.001	<.03
48451	0.010	0.343
48452	<.001	<.03
48453	<.001	<.03
48454	<.001	<.03
48455	<.001	<.03
48456	0.004	0.137
48457	<.001	<.03
48458	0.002	0.069
48459	0.002	0.069
48460	<.001	<.03
48461	0.002	0.069
48462	0.034	1.166
48463	0.038	1.303
48464	0.166	5.691
48465	<.001	<.03
48466	<.001	<.03

20 **Splits**

Std OxN 77	0.234	8.023
Blank	<.001	<.03

Certified Assayer:



PolyMet Laboratories

Client: Queenston (Vault Div.)

CERTIFICATE 9459

Job No. 0-155

Date:
Jan. 31, 2011

Splits

Sample #	**Au Oz/ton**	**g/tonne**
52714	<.001	<.03
52715	0.016	0.549
52716	<.001	<.03
52717	Pend	
52718	0.010	0.343
52719	<.001	<.03
52720	<.001	<.03
52721	<.001	<.03
52722	0.008	0.274
52723	0.051	1.749
52724	0.014	0.480
52725	<.001	<.03
52726	0.006	0.206
52727	Pend	
52728	<.001	<.03
52729	<.001	<.03
52730	0.016	0.549
52731	<.001	<.03
52732	0.006	0.206
52733	0.002	0.069
52734	0.020	0.686
52735	0.004	0.137

20 **Splits**
2 **Pend**

Std OxN 77	0.232	7.954
Blank	<.001	<.03

Certified Assayer:

PolyMet Laboratories

Client: Queenston (Vault Div.)

CERTIFICATE 9460

Job No. 0-155

Date:
Jan. 31, 2011

Splits

Sample #	**Au Oz/ton**	**g/tonne**
52736	<.001	<.03
52737	<.001	<.03
52738	0.002	0.069
52739	0.006	0.206
52740	<.001	<.03
52741	0.004	0.137
52742	0.006	0.206
52743	Pend	
52744	0.008	0.274
52745	0.002	0.069
52746	0.163	5.589
52747	0.016	0.549
52748	<.001	<.03
52749	<.001	<.03
52750	<.001	<.03
52751	<.001	<.03
52752	0.002	0.069
52753	0.008	0.274
52754	<.001	<.03
52755	0.020	0.686
52756	0.012	0.411

20 **Splits**
1 **Pend**

Std OxN 77	0.232	7.954
Blank	<.001	<.03

Certified Assayer:

PolyMet Laboratories

Client: Queenston (Vault Div.)

CERTIFICATE 9461

Job No. 0-155

Date:
Jan. 31, 2011

Splits

Sample #	**Au Oz/ton**	**g/tonne**
52757	0.004	0.137
52758	0.008	0.274
52759	0.024	0.823
52760	<.001	<.03
52761	<.001	<.03
52762	0.006	0.206
52763	<.001	<.03
52764	0.010	0.343
52775	0.010	0.343
52765	0.008	0.274
52766	0.030	1.029
52767	0.008	0.274
48467	<.001	<.03
48468	0.028	0.960
48469	<.001	<.03
48470	<.001	<.03
48471	<.001	<.03
48472	<.001	<.03
48473	<.001	<.03
48474	<.001	<.03
48475	0.002	0.069
48476	0.002	0.069

22 **Splits**
Pend

Std OxN 77	0.228	7.817
Blank	<.001	<.03

Certified Assayer:

PolyMet Laboratories

Client: Queenston (Vault Div.)

CERTIFICATE 9462

Job No. 0-155

Date:
Jan. 31, 2011

Splits

Sample #	**Au Oz/ton**	**g/tonne**
48477	0.004	0.137
48478	0.028	0.960
48479	<.001	<.03
48480	Pend	
48481	0.014	0.480
48482	<.001	<.03
48483	<.001	<.03
48484	<.001	<.03
48485	0.012	0.411
48486	0.051	1.749
48487	<.001	<.03
48488	<.001	<.03
48489	<.001	<.03
48490	0.020	0.686
48491	0.012	0.411
48492	<.001	<.03
48493	<.001	<.03
48494	0.008	0.274
48495	0.004	0.137
48496	0.012	0.411
48497	Pend	
48498	<.001	<.03

Std OxN 77	0.228	7.817
Blank	<.001	<.03

20 **Splits**
2 **Pend**

Certified Assayer:

PolyMet Laboratories

Client: Queenston (Vault Div.)

CERTIFICATE 9463 Job No. 0-155

Date:
Jan. 31, 2011

Splits

Sample #	**Au Oz/ton**	**g/tonne**
48499	0.006	0.206
48500	0.002	0.069
53037	<.001	<.03
53038	<.001	<.03
53039	<.001	<.03
53018	<.001	<.03
53019	<.001	<.03
53020	<.001	<.03
53021	0.004	0.137
53022	<.001	<.03
53023	<.001	<.03
53056	<.001	<.03
53057	<.001	<.03
53058	0.014	0.480
53059	<.001	<.03
53060	0.006	0.206
53061	<.001	<.03
53062	<.001	<.03
53063	<.001	<.03
53064	<.001	<.03
53065	<.001	<.03

21 **Splits**

Std OxN 77	0.232	7.954
Blank	<.001	<.03

Certified Assayer:

PolyMet Laboratories

Client: Queenston (Vault Div.)

CERTIFICATE 9464

Job No. 0-155

Date:
Jan. 31, 2011

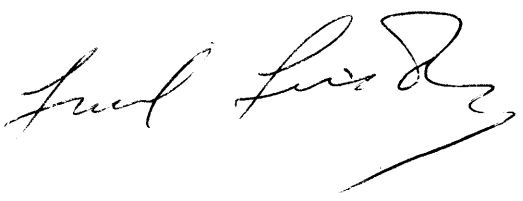
Splits

Sample #	**Au Oz/ton**	**g/tonne**
53066	<.001	<.03
53067	<.001	<.03
53068	<.001	<.03
53069	<.001	<.03
53070	<.001	<.03
53071	<.001	<.03
53072	<.001	<.03
53040	<.001	<.03
53041	<.001	<.03
53042	<.001	<.03
53043	<.001	<.03
53044	<.001	<.03
53045	<.001	<.03
53046	<.001	<.03
53047	<.001	<.03
53048	<.001	<.03
53049	<.001	<.03
53050	<.001	<.03
53051	<.001	<.03
53052	<.001	<.03
53053	<.001	<.03
53054	<.001	<.03

22 **Splits**

Std OxN 77	0.232	7.954
Blank	<.001	<.03

Certified Assayer:



PolyMet Laboratories

Client: Queenston (Vault Div.)

CERTIFICATE 9465

Job No. 0-155

Date:
Jan. 31, 2011

Splits

Sample #	**Au Oz/ton**	**g/tonne**
53055	<.001	<.03
53073	<.001	<.03
53074	<.001	<.03
53075	<.001	<.03
53076	<.001	<.03
53077	0.052	1.783
53078	<.001	<.03
53079	0.004	0.137
53080	<.001	<.03
53081	0.004	0.137
53082	<.001	<.03
53083	0.002	0.069
53084	<.001	<.03
53085	<.001	<.03
53086	<.001	<.03
53087	<.001	<.03
53088	<.001	<.03
53089	<.001	<.03
53090	<.001	<.03
53091	<.001	<.03
53092	<.001	<.03

21 **Splits**

Std OxN 77	0.234	8.023
Blank	<.001	<.03

Certified Assayer:



PolyMet Laboratories

Client: Queenston (Vault Div.)

CERTIFICATE 9466

Job No. 0-155

Date:
Jan. 31, 2011

Splits

Sample #	**Au Oz/ton**	**g/tonne**
53093	<.001	<.03
53094	0.016	0.549
53095	0.006	0.206
53096	<.001	<.03
53097	<.001	<.03
53098	<.001	<.03
53099	<.001	<.03
53100	0.004	0.137
53101	<.001	<.03
53102	<.001	<.03
53103	<.001	<.03
53104	<.001	<.03
53105	<.001	<.03
53106	<.001	<.03
53107	<.001	<.03
53108	0.168	5.760
53109	<.001	<.03
53110	<.001	<.03
53111	0.002	0.069
53112	<.001	<.03
52875	<.001	<.03
52876	0.004	0.137

22 **Splits**

Std OxN 77	0.234	8.023
Blank	<.001	<.03

Certified Assayer:

PolyMet Laboratories

Client: Queenston (Vault Div.)

CERTIFICATE 9467 Job No. 0-155

Date:
Jan. 31, 2011

Splits

Sample #	**Au Oz/ton**	**g/tonne**
52877	0.012	0.411
52878	0.012	0.411
52879	0.008	0.274
52880	0.006	0.206
52881	0.004	0.137
52882	<.001	<.03
52883	0.024	0.823
52884	<.001	<.03
52885	0.006	0.206
52886	<.001	<.03
52887	<.001	<.03
52888	<.001	<.03
52889	0.010	0.343
52890	<.001	<.03
52891	0.026	0.891
52892	<.001	<.03
52893	<.001	<.03
52894	<.001	<.03
52895	<.001	<.03
52896	0.018	0.617
52897	0.004	0.137
52898	0.002	0.069
52899	<.001	<.03
52900	0.169	5.794
52901	0.014	0.480

25 **Splits**

Std OxN 77	0.234	8.023
Blank	<.001	<.03

Certified Assayer:

PolyMet Laboratories

Client: Queenston (Vault Div.)

CERTIFICATE **9468** Job No. 0-155

Date: Jan. 31, 2011

	Original		Check	
Sample #	**Au Oz/ton**	**g/tonne**	**Au Oz/ton**	**g/tonne**
52717	0.046	1.577	0.054	1.851
52727	0.034	1.166	0.036	1.234
52743	0.062	2.126	0.046	1.577
48480	0.056	1.920	0.056	1.920
48497	0.102	3.497	0.092	3.154

5 + 10

Certified Assayer: Paula Johnson

PolyMet Labs
A Division of Polymet Resources Ltd.

1 Presley St, P.O. Box 699. Cobalt, Ontario. Canada P0J 1C0
Tel: (705) 679-5500 • Fax: (705) 679-5519
Email: info@polymetinc.com Website: www.polymetinc.com

Certificate of Analysis

Queenston Mining Inc.
(Vault Division)

We certify that the assay results in the following Certificates are factual and true.

Certificate #'s 9482, 9483, 9484, 9485, 9486, 9487, 9488, 9489, 9490, 9491, & 9492

Certified by: _____
Chief Assayer

Certified by: _____
President/Manager

Date: Feb. 1, 2011

Disclaimer: The results included on this report relate only to the items tested. The Certificate of Analysis should not be reproduced except in full, without the written approval of the laboratory.

PolyMet Laboratories

Client: Queenston (Vault Div.)

CERTIFICATE 9482 Job No. 0-155

Date: **Splits**
Feb. 1, 2011

Sample #	**Au Oz/ton**	**g/tonne**
52501	0.002	0.069
52502	0.004	0.137
52503	<.001	<.03
52504	0.014	0.480
52505	<.001	<.03
52506	0.008	0.274
52507	<.001	<.03
52508	<.001	<.03
52509	0.159	5.451
52510	<.001	<.03
52511	<.001	<.03
52512	<.001	<.03
52513	<.001	<.03
52514	<.001	<.03
52515	<.001	<.03
52516	<.001	<.03
52517	<.001	<.03
52518	<.001	<.03
52519	0.002	0.069
52520	<.001	<.03
52521	<.001	<.03
52522	<.001	<.03
52523	<.001	<.03
52524	<.001	<.03
52525	<.001	<.03
52526	<.001	<.03

26 **Splits**

Std OxN 77	0.232	7.954
Blank	<.001	<.03

Certified Assayer:

PolyMet Laboratories

Client: Queenston (Vault Div.)

CERTIFICATE 9483

Job No. 0-155

Date:
Feb. 1, 2011

Splits

Sample #	**Au Oz/ton**	**g/tonne**
52527	<.001	<.03
52528	<.001	<.03
52529	<.001	<.03
52530	<.001	<.03
52531	<.001	<.03
52532	<.001	<.03
52533	<.001	<.03
52534	<.001	<.03
52535	Pend	
52536	0.051	1.749
52537	<.001	<.03
52538	<.001	<.03
52539	<.001	<.03
52540	Pend	
52541	<.001	<.03
52542	0.010	0.343
52543	0.028	0.960
52544	<.001	<.03
52545	<.001	<.03
52546	<.001	<.03
52547	<.001	<.03

19 **Splits**
2 **Pend**

Std OxN 77	0.232	7.954
Blank	<.001	<.03

Certified Assayer:

PolyMet Laboratories

Client: Queenston (Vault Div.)

CERTIFICATE 9484

Job No. 0-155

Date:
Feb. 1, 2011

Splits

Sample #	**Au Oz/ton**	**g/tonne**
52548	<.001	<.03
52549	<.001	<.03
52550	0.010	0.343
52551	Pend	
52552	0.012	0.411
52553	<.001	<.03
52554	<.001	<.03
52555	<.001	<.03
52556	<.001	<.03
52557	<.001	<.03
52558	<.001	<.03
52559	<.001	<.03
52560	<.001	<.03
52561	<.001	<.03
52562	<.001	<.03
52563	<.001	<.03
52564	0.004	0.137
52565	<.001	<.03
52566	<.001	<.03
52567	0.004	0.137
52568	<.001	<.03
52569	0.006	0.206

21 **Splits**
1 **Pend**

Std OxN 77	0.224	7.680
Blank	<.001	<.03

Certified Assayer:

PolyMet Laboratories

Client: Queenston (Vault Div.)

CERTIFICATE 9485

Job No. 0-155

Date:
Feb. 1, 2011

Splits

Sample #	**Au Oz/ton**	**g/tonne**
52570	0.010	0.343
52571	<.001	<.03
52572	<.001	<.03
52573	<.001	<.03
52574	<.001	<.03
52575	0.051	1.749
52576	<.001	<.03
52577	<.001	<.03
52578	<.001	<.03
52579	<.001	<.03
52580	<.001	<.03
52581	0.020	0.686
52582	<.001	<.03
52583	0.012	0.411
52584	<.001	<.03
52585	<.001	<.03
52586	<.001	<.03
52587	<.001	<.03
52588	<.001	<.03
52589	0.018	0.617
52590	<.001	<.03
52591	0.006	0.206

22 **Splits**
~~**Pend**~~

Std OxN 77	0.224	7.680
Blank	<.001	<.03

Certified Assayer:

PolyMet Laboratories

Client: Queenston (Vault Div.)

CERTIFICATE 9486

Job No. 0-155

Date:
Feb. 1, 2011

Splits

Sample #	**Au Oz/ton**	**g/tonne**
52592	<.001	<.03
52593	<.001	<.03
52594	0.006	0.206
52595	<.001	<.03
52596	<.001	<.03
52597	0.006	0.206
52598	0.164	5.623
52599	<.001	<.03
52600	<.001	<.03
52601	<.001	<.03
52602	<.001	<.03
52603	0.002	0.069
52604	0.030	1.029
52605	<.001	<.03
52606	<.001	<.03
52607	<.001	<.03
52608	<.001	<.03
52609	<.001	<.03
52610	<.001	<.03
52611	<.001	<.03
52612	<.001	<.03

21 **Splits**
~~**Pond**~~

Std OxN 77	0.236	8.091
Blank	<.001	<.03

Certified Assayer:

PolyMet Laboratories

Client: Queenston (Vault Div.)

CERTIFICATE 9487

Job No. 0-155

Date:
Feb. 1, 2011

Splits

Sample #	**Au Oz/ton**	**g/tonne**
52613	<.001	<.03
52614	0.014	0.480
52615	<.001	<.03
52616	<.001	<.03
52617	<.001	<.03
52618	0.010	0.343
52619	<.001	<.03
52620	0.016	0.549
52621	<.001	<.03
52622	0.020	0.686
52623	<.001	<.03
52624	<.001	<.03
52625	0.030	1.029
52626	0.014	0.480
52627	<.001	<.03
52628	0.014	0.480
52629	0.158	5.417
52630	<.001	<.03
52631	<.001	<.03
52632	<.001	<.03
52633	<.001	<.03
52634	<.001	<.03

22 **Splits**
~~**Pond**~~

Std OxN 77	0.236	8.091
Blank	<.001	<.03

Certified Assayer:

PolyMet Laboratories

Client: Queenston (Vault Div.)

CERTIFICATE 9488

Job No. 0-155

Date:
Feb. 1, 2011

Splits

Sample #	**Au Oz/ton**	**g/tonne**
52635	<.001	<.03
52636	<.001	<.03
52637	<.001	<.03
52638	0.010	0.343
52639	0.010	0.343
52640	<.001	<.03
52641	0.012	0.411
52642	0.008	0.274
52643	<.001	<.03
52644	<.001	<.03
52645	<.001	<.03
52646	0.018	0.617
52647	<.001	<.03
52648	<.001	<.03
52649	<.001	<.03
52650	0.002	0.069
52651	0.048	1.646
52652	0.006	0.206
52653	<.001	<.03
52654	<.001	<.03
52902	0.008	0.274

21 **Splits**
~~**Pend**~~

Std OxN 77	0.232	7.954
Blank	<.001	<.03

Certified Assayer:

PolyMet Laboratories

Client: Queenston (Vault Div.)

CERTIFICATE 9489

Job No. 0-155

Date:
Feb. 1, 2011

Splits

Sample #	**Au Oz/ton**	**g/tonne**
52903	Pend	
52904	<.001	<.03
52905	0.016	0.549
52906	0.004	0.137
52907	0.002	0.069
52908	<.001	<.03
52909	<.001	<.03
52910	<.001	<.03
52911	<.001	<.03
52912	0.028	0.960
52913	0.008	0.274
52914	0.002	0.069
52915	<.001	<.03
52916	<.001	<.03
52917	<.001	<.03
52918	<.001	<.03
52919	<.001	<.03
52920	<.001	<.03
53113	<.001	<.03
53114	<.001	<.03
53115	0.052	1.783
53116	<.001	<.03

21 **Splits**
1 **Pend**

Std OxN 77	0.232	7.954
Blank	<.001	<.03

Certified Assayer:

PolyMet Laboratories

Client: Queenston (Vault Div.)

CERTIFICATE 9490

Job No. 0-155

Date:
Feb. 1, 2011

Splits

Sample #	**Au Oz/ton**	**g/tonne**
53117	<.001	<.03
53118	<.001	<.03
53119	<.001	<.03
53120	<.001	<.03
53121	<.001	<.03
53122	<.001	<.03
53123	<.001	<.03
53124	<.001	<.03
53125	<.001	<.03
53126	<.001	<.03
53127	<.001	<.03
53128	<.001	<.03
53129	<.001	<.03
53130	<.001	<.03
53131	<.001	<.03
53132	<.001	<.03
53133	<.001	<.03
53134	<.001	<.03
53135	<.001	<.03
53136	0.049	1.680
53137	<.001	<.03
53138	<.001	<.03

22 **Splits**
~~**Pend**~~

Std OxN 77	0.230	7.886
Blank	<.001	<.03

Certified Assayer:

PolyMet Laboratories

Client: Queenston (Vault Div.)

CERTIFICATE 9491

Job No. 0-155

Date:
Feb. 1, 2011

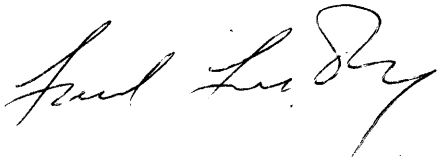
Splits

Sample #	**Au Oz/ton**	**g/tonne**
53139	<.001	<.03
53140	<.001	<.03
53141	<.001	<.03
53142	<.001	<.03
53143	0.002	0.069
53144	<.001	<.03
53145	<.001	<.03
53146	<.001	<.03
53147	<.001	<.03
53148	<.001	<.03
53149	<.001	<.03
53150	0.002	0.069
53151	<.001	<.03
53152	<.001	<.03
52301	<.001	<.03
52302	0.002	0.069
52303	<.001	<.03
52304	<.001	<.03
52305	<.001	<.03
52306	<.001	<.03
52307	<.001	<.03
52308	0.002	0.069
52309	<.001	<.03
52310	<.001	<.03
52311	<.001	<.03
52312	<.001	<.03
52313	<.001	<.03
52314	<.001	<.03
52315	0.008	0.274
52316	<.001	<.03

30 **Splits**
Pend

Std OxN 77	0.234	8.023
Blank	<.001	<.03

Certified Assayer:



PolyMet Laboratories

		Client:	Queenston (Vault Div.)
CERTIFICATE	**9492**	Job No.	0-155

Date:
Feb. 1, 2011

	Original		**Check**	
Sample #	**Au Oz/ton**	**g/tonne**	**Au Oz/ton**	**g/tonne**
52535	0.044	1.509	0.084	2.880
52540	0.184	6.309	0.266	9.120
52551	0.034	1.166	0.040	1.371
52903	0.096	3.291	0.080	2.743

4 + 8

Certified Assayer:

PolyMet Labs
A Division of Polymet Resources Ltd.

1 Presley St, P.O. Box 699, Cobalt, Ontario, Canada P0J 1C0
Tel: (705) 679-5500 • Fax: (705) 679-5519
Email: info@polymetinc.com Website: www.polymetinc.com

Certificate of Analysis

Queenston Mining Inc.
(Vault Division)

We certify that the assay results in the following Certificates are factual and true.

Certificate #'s 9505, 9506, 9507, 9508, 9509, 9510, 9511, & 9512

Certified by: _____
Chief Assayer

Certified by: _____
President/Manager

Date: Feb. 4, 2011

Disclaimer: The results included on this report relate only to the items tested. The Certificate of Analysis should not be reproduced except in full, without the written approval of the laboratory.

PolyMet Laboratories

Client: Queenston (Vault Div.)

CERTIFICATE 9505 Job No. 0-155

Date:
Feb. 4, 2011

Splits

Sample #	**Au Oz/ton**	**g/tonne**
52655	<.001	<.03
52656	0.004	0.137
52657	<.001	<.03
52658	<.001	<.03
52659	<.001	<.03
52660	0.010	0.343
52661	<.001	<.03
52662	0.004	0.137
52663	<.001	<.03
52664	<.001	<.03
52665	0.018	0.617
52666	<.001	<.03
52667	<.001	<.03
52668	<.001	<.03
52669	<.001	<.03
52670	<.001	<.03
52671	<.001	<.03
52672	0.024	0.823
52673	<.001	<.03
52674	0.161	5.520
52675	<.001	<.03
52676	Pend	
52677	<.001	<.03
52678	Pend	
52679	0.010	0.343

23 **Splits**
2 **Pend**

Std OxN 77	0.232	7.954
Blank	<.001	<.03

Certified Assayer: Linda Johnson

PolyMet Laboratories

Client: Queenston (Vault Div.)

CERTIFICATE 9506

Job No. 0-155

Date:
Feb. 4, 2011

Splits

Sample #	**Au Oz/ton**	**g/tonne**
52680	0.002	0.069
52681	<.001	<.03
52682	0.012	0.411
52683	<.001	<.03
52684	Pend	
52685	<.001	<.03
52686	<.001	<.03
52687	<.001	<.03
52688	<.001	<.03
52689	<.001	<.03
52690	<.001	<.03
52691	0.004	0.137
52692	<.001	<.03
52693	0.010	0.343
52694	<.001	<.03
52695	<.001	<.03
52696	<.001	<.03
52697	0.026	0.891
52698	<.001	<.03
52699	0.012	0.411
52700	0.049	1.680
52701	<.001	<.03

21 **Splits**
1 **Pend**

Std OxN 77	0.232	7.954
Blank	<.001	<.03

Certified Assayer: Paula Johnson

PolyMet Laboratories

Client: Queenston (Vault Div.)

CERTIFICATE 9507 Job No. 0-155

Date:
Feb. 4, 2011

Splits

Sample #	**Au Oz/ton**	**g/tonne**
52702	0.022	0.754
52703	0.014	0.480
52704	0.010	0.343
52705	0.008	0.274
52706	Pend	
52707	0.008	0.274
52708	0.002	0.069
52709	0.002	0.069
52710	0.006	0.206
52711	0.002	0.069
52712	0.002	0.069
52713	0.004	0.137
52768	0.006	0.206
52769	0.012	0.411
52770	0.164	5.623
52771	0.004	0.137
52772	0.002	0.069
52317	<.001	<.03
52318	<.001	<.03
52319	0.010	0.343
52320	<.001	<.03

20 **Splits**
1 **Pend**

Std OxN 77	0.236	8.091
Blank	<.001	<.03

Certified Assayer: Carla Johnson

PolyMet Laboratories

Client: Queenston (Vault Div.)

CERTIFICATE 9508 Job No. 0-155

Date:
Feb. 4, 2011

Splits

Sample #	**Au Oz/ton**	**g/tonne**
52321	<.001	<.03
52322	<.001	<.03
52323	0.012	0.411
52773	0.004	0.137
52774	0.008	0.274
52776	0.004	0.137
52777	0.004	0.137
52778	0.012	0.411
52779	0.008	0.274
52780	Pend	
52781	Pend	
52782	Pend	
52783	0.020	0.686
52784	<.001	<.03
52785	<.001	<.03
52786	<.001	<.03
52787	Pend	
52788	<.001	<.03
52789	<.001	<.03
52790	Pend	
52791	0.004	0.137
52792	<.001	<.03

17 **Splits**
5 **Pend**

Std OxN 77	0.236	8.091
Blank	<.001	<.03

Certified Assayer: Carla Johnson

PolyMet Laboratories

Client: Queenston (Vault Div.)

CERTIFICATE 9509 Job No. 0-155

Date:
Feb. 4, 2011

Splits

Sample #	**Au Oz/ton**	**g/tonne**
52793	<.001	<.03
52794	0.048	1.646
52795	<.001	<.03
52801	<.001	<.03
52802	<.001	<.03
52803	<.001	<.03
52796	<.001	<.03
52797	<.001	<.03
52798	<.001	<.03
52799	<.001	<.03
52800	<.001	<.03
52804	<.001	<.03
52805	<.001	<.03
52806	<.001	<.03
52807	<.001	<.03
52808	<.001	<.03
52809	0.004	0.137
52810	<.001	<.03
52811	<.001	<.03
52812	0.004	0.137
52813	Pend	

20 **Splits**
1 **Pend**

Std OxN 77	0.230	7.886
Blank	<.001	<.03

Certified Assayer: Carla Johnson

PolyMet Laboratories

Client: Queenston (Vault Div.)

CERTIFICATE 9510

Job No. 0-155

Date:
Feb. 4, 2011

Splits

Sample #	**Au Oz/ton**	**g/tonne**
52814	<.001	<.03
52815	0.018	0.617
52816	0.028	0.960
52817	0.022	0.754
52818	<.001	<.03
52819	<.001	<.03
52820	<.001	<.03
52821	<.001	<.03
52822	<.001	<.03
52823	0.010	0.343
52824	0.010	0.343
52825	<.001	<.03
52826	<.001	<.03
52827	<.001	<.03
52828	0.002	0.069
52829	<.001	<.03
52830	<.001	<.03
52831	0.050	1.714
34683	<.001	<.03
34684	0.006	0.206
34685	Pend	
34686	0.004	0.137

21 **Splits**
1 **Pend**

Std OxN 77	0.230	7.886
Blank	<.001	<.03

Certified Assayer: Carla Johnson

PolyMet Laboratories

Client: Queenston (Vault Div.)

CERTIFICATE 9511

Job No. 0-155

Date:
Feb. 4, 2011

Splits

Sample #	**Au Oz/ton**	**g/tonne**
34687	Pend	
34688	Pend	
34689	0.014	0.480
34690	<.001	<.03
34691	<.001	<.03
52921	<.001	<.03
52922	<.001	<.03
52923	<.001	<.03
52924	<.001	<.03
52925	0.167	5.726
52926	<.001	<.03
52927	<.001	<.03

10 **Splits**
2 **Pend**

Std OxN 77	0.236	8.091
Blank	<.001	<.03

Certified Assayer: Brenda Johnson

PolyMet Laboratories

Client: Queenston (Vault Div.)

CERTIFICATE **9512**

Job No. 0-155

Date:
Feb. 4, 2011

	Original		**Check**	
Sample #	**Au Oz/ton**	**g/tonne**	**Au Oz/ton**	**g/tonne**
52676	0.072	2.469	0.072	2.469
52678	0.112	3.840	0.116	3.977
52684	0.046	1.577	0.056	1.920
52706	0.066	2.263	0.068	2.331
52780	0.072	2.469	0.082	2.811
52781	0.064	2.194	0.066	2.263
52782	0.044	1.509	0.044	1.509
52787	0.088	3.017	0.098	3.360
52790	0.058	1.989	0.046	1.577
52813	0.036	1.234	0.042	1.440
34685	0.326	11.177	0.406	13.920
34687	0.154	5.280	0.152	5.211
34688	0.070	2.400	0.062	2.126

13 + 26

Certified Assayer: 

PolyMet Labs
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Email: info@polymetinc.com Website: www.polymetinc.com

Certificate of Analysis

Queenston Mining Inc.
(Vault Division)

We certify that the assay results in the following Certificates are factual and true.

Certificate #'s 9529, 9530, 9531, 9532, 9533, 9534, 9535, 9536, & 9537

Certified by: _____
Chief Assayer

Certified by: _____
President/Manager

Date: Feb. 8, 2011

Disclaimer: The results included on this report relate only to the items tested. The Certificate of Analysis should not be reproduced except in full, without the written approval of the laboratory.

PolyMet Laboratories

Client: Queenston (Vault Div.)

CERTIFICATE 9535 Job No. 0-155

Date:
Feb. 8, 2011

1/4 Splits

Sample #	**Au Oz/ton**	**g/tonne**
20987	Pend	
20988	0.008	0.274
20989	Pend	
20990	Pend	
20991	Pend	
20992	Pend	
20993	Pend	
20994	<.001	<.03
20995	Pend	
20996	0.008	0.274
20997	0.014	0.480
20998	0.018	0.617
20999	0.002	0.069
21000	Pend	
54951	0.028	0.960
54952	Pend	
34692	Pend	
34693	Pend	
34694	Pend	
34695	Pend	
34696	Pend	
34697	0.014	0.480
34698	0.028	0.960
34699	Pend	
34700	Pend	
20986	Pend	

			9 **1/4 Splits**
Std OxN 77	0.232	7.954	17 **Pend**
Blank	<.001	<.03	

Certified Assayer: Paula Johnson

PolyMet Laboratories

			Client:	Queenston (Vault Div.)
CERTIFICATE	**9537**	1/4 Splits	Job No.	0-155

Date:
Feb. 8, 2011

	Original		**Check**	
Sample #	**Au Oz/ton**	**g/tonne**	**Au Oz/ton**	**g/tonne**
20987	0.120	4.114	0.106	3.634
20989	0.034	1.166	0.034	1.166
20990	0.084	2.880	0.068	2.331
20991	0.140	4.800	0.166	5.691
20992	0.074	2.537	0.072	2.469
20993	0.070	2.400	0.066	2.263
20995	0.086	2.949	0.088	3.017
21000	0.298	10.217	0.592	20.297
54952	0.044	1.509	0.050	1.714
34692	0.040	1.371	0.038	1.303
34693	1.080	37.029	1.092	37.440
34694	0.260	8.914	0.258	8.846
34695	0.110	3.771	0.102	3.497
34696	0.172	5.897	0.292	10.012
34699	0.100	3.429	0.108	3.703
34700	0.170	5.829	0.148	5.074
20986	0.052	1.783	0.068	2.331

17 + 34

Certified Assayer:

PolyMet Labs
A Division of Polymet Resources Ltd.

1 Presley St, P.O. Box 699, Cobalt, Ontario, Canada P0J 1C0
Tel: (705) 679-5500 • Fax: (705) 679-5519
Email: info@polymetinc.com Website: www.polymetinc.com

Certificate of Analysis

Queenston Mining Inc.
(Vault Division)

We certify that the assay results in the following Certificates are factual and true.

Certificate #'s 9560, 9561, 9562, 9563, 9564, 9565, 9566, 9567, 9568, 9569, 9570, 9571, 9572, & 9573

Certified by: _____
Chief Assayer

Certified by: _____
President/Manager

Date: Feb. 15, 2011

Disclaimer: The results included on this report relate only to the items tested. The Certificate of Analysis should not be reproduced except in full, without the written approval of the laboratory.

PolyMet Laboratories

Client: Queenston (Vault Div.)

CERTIFICATE 9561

Job No. 0-155

Date:
Feb. 14, 2011

Splits

Sample #	**Au Oz/ton**	**g/tonne**
52143	<.001	<.03
52144	<.001	<.03
52145	<.001	<.03
52324	<.001	<.03
52325	<.001	<.03
52326	<.001	<.03
52327	<.001	<.03
52328	<.001	<.03
52329	0.016	0.549
52330	<.001	<.03
52331	<.001	<.03
52332	0.006	0.206
52333	0.008	0.274
53153	<.001	<.03
53154	0.006	0.206
53155	<.001	<.03
53156	<.001	<.03
53157	0.002	0.069
53158	<.001	<.03
53159	0.166	5.691
53160	<.001	<.03

21 **Splits**

Std OxN 77	0.232	7.954
Blank	<.001	<.03

Certified Assayer: Carla Johnson

PolyMet Laboratories

Client: Queenston (Vault Div.)

CERTIFICATE 9565

Job No. 0-155

Date:
Feb. 15, 2011

Splits

Sample #	**Au Oz/ton**	**g/tonne**
52436	0.022	0.754
52437	0.008	0.274
52438	0.002	0.069
52439	<.001	<.03
52440	<.001	<.03
52441	0.008	0.274
52442	0.012	0.411
52443	0.014	0.480
52444	<.001	<.03
52445	<.001	<.03
52446	Pend	
52447	<.001	<.03
52448	0.028	0.960
52449	<.001	<.03
52450	0.167	5.726
52451	0.002	0.069
52452	<.001	<.03
52453	<.001	<.03
63989	<.001	<.03
63990	<.001	<.03
63991	<.001	<.03

20 **Splits**
1 **Pend**

Std OxN 77	0.230	7.886
Blank	<.001	<.03

Certified Assayer:

PolyMet Laboratories

Client: Queenston (Vault Div.)

CERTIFICATE 9566

Job No. 0-155

Date:
Feb. 15, 2011

Splits

Sample #	**Au Oz/ton**	**g/tonne**
63992	<.001	<.03
63993	<.001	<.03
63994	<.001	<.03
63995	<.001	<.03
63996	<.001	<.03
63997	0.010	0.343
63998	0.004	0.137
63999	0.022	0.754
64000	Pend	
54901	0.004	0.137
54902	<.001	<.03
52454	0.002	0.069
52455	Pend	
52456	Pend	
52457	<.001	<.03
52458	<.001	<.03
52459	<.001	<.03
52460	<.001	<.03
52461	<.001	<.03
52462	<.001	<.03
52463	<.001	<.03
52464	<.001	<.03

19 **Splits**
3 **Pend**

Std OxN 77	0.230	7.886
Blank	<.001	<.03

Certified Assayer:



PolyMet Laboratories

Client: Queenston (Vault Div.)

CERTIFICATE 9572 Job No. 0-155

Date:
Feb. 15, 2011

Splits

Sample #	**Au Oz/ton**	**g/tonne**
52494	Pend	
52495	<.001	<.03
52496	0.022	0.754
52497	0.014	0.480
52498	<.001	<.03
54903	<.001	<.03
54904	<.001	<.03
54905	0.006	0.206
54906	<.001	<.03
54957	Pend	
54958	<.001	<.03
54959	0.026	0.891
54960	Pend	

Std OxN 77	0.232	7.954
Blank	<.001	<.03

10 **Splits**
3 **Pend**

Certified Assayer:



PolyMet Laboratories

			Client:	Queenston (Vault Div.)
CERTIFICATE	**9573**	Splits	Job No.	0-155

Date:
Feb. 15, 2011

	Original		**Check**	
Sample #	**Au Oz/ton**	**g/tonne**	**Au Oz/ton**	**g/tonne**
52446	0.228	7.817	0.248	8.503
64000	0.208	7.131	0.216	7.406
52455	0.060	2.057	0.044	1.509
52456	0.058	1.989	0.040	1.371
52377	0.038	1.303	0.050	1.714
52383	0.036	1.234	0.048	1.646
52384	0.130	4.457	0.138	4.731
52385	0.456	15.634	0.536	18.377
52408	0.032	1.097	0.042	1.440
52411	0.034	1.166	0.048	1.646
52420	0.078	2.674	0.082	2.811
52494	0.048	1.646	0.052	1.783
54957	0.062	2.126	0.070	2.400
54960	0.090	3.086	0.108	3.703

14 + 28

Certified Assayer:

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Email: info@polymetinc.com Website: www.polymetinc.com

Certificate of Analysis

Queenston Mining Inc.
(Vault Division)

We certify that the assay results in the following Certificates are factual and true.

Certificate #'s 9667, 9668, 9669, 9670, 9671, 9672, & 9673

Certified by: _____
Chief Assayer

Certified by: _____
President/Manager

Date: March 3, 2011

Disclaimer: The results included on this report relate only to the items tested. The Certificate of Analysis should not be reproduced except in full, without the written approval of the laboratory.

PolyMet Laboratories

Client: Queenston (Vault Div.)

CERTIFICATE **9668**

Job No. 0-155

Date:
Mar. 3, 2011

Splits

Sample #	**Au Oz/ton**	**g/tonne**
54473	0.006	0.206
54474	0.004	0.137
54475	<.001	<.03
54962	Pend	
54963	Pend	
54964	Pend	
54965	0.004	0.137
54966	Pend	
54967	Pend	
54968	0.006	0.206
54969	Pend	
54970	Pend	
54972	Pend	
54973	0.022	0.754
54974	<.001	<.03
54907	<.001	<.03
54908	<.001	<.03
54909	<.001	<.03
54910	0.010	0.343
54911	<.001	<.03
54912	<.001	<.03

Std OxN 77	0.230	7.886
Blank	<.001	<.03

13 **Splits**
8 **Pend**

Certified Assayer:

PolyMet Laboratories

Client: Queenston (Vault Div.)

CERTIFICATE **9669**

Job No. 0-155

Date:
Mar. 3, 2011

Splits

Sample #	**Au Oz/ton**	**g/tonne**
54913	<.001	<.03
54914	<.001	<.03
54915	<.001	<.03
54916	<.001	<.03
54917	<.001	<.03
54918	<.001	<.03
54919	<.001	<.03
54920	0.002	0.069
54921	<.001	<.03
54922	0.012	0.411
54923	<.001	<.03
54924	<.001	<.03
54925	0.004	0.137
54926	0.004	0.137
54927	<.001	<.03
54928	<.001	<.03
54929	<.001	<.03
54930	<.001	<.03
54931	0.002	0.069
54932	<.001	<.03
54933	<.001	<.03
54934	<.001	<.03

22 **Splits**

Std OxN 77	0.232	7.954
Blank	<.001	<.03

Certified Assayer:



PolyMet Laboratories

Client: Queenston (Vault Div.)

CERTIFICATE **9670**

Job No. 0-155

Date:
Mar. 3, 2011

Splits

Sample #	**Au Oz/ton**	**g/tonne**
54935	<.001	<.03
54936	<.001	<.03
54937	<.001	<.03
54938	<.001	<.03
54939	<.001	<.03
54940	0.002	0.069
54941	<.001	<.03
53727	0.008	0.274
53728	0.160	5.486
53729	0.004	0.137
53730	<.001	<.03
53731	<.001	<.03
53732	<.001	<.03
53733	0.008	0.274
53734	<.001	<.03
53735	<.001	<.03
53736	<.001	<.03
53737	<.001	<.03
53738	0.002	0.069
53739	<.001	<.03
53740	<.001	<.03
54971	0.020	0.686

22 **Splits**

Std OxN 77	0.232	7.954
Blank	<.001	<.03

Certified Assayer:

PolyMet Laboratories

Client: Queenston (Vault Div.)

CERTIFICATE **9673** Job No. 0-155

Date: Mar. 3. 2011

	Original		**Check**	
Sample #	**Au Oz/ton**	**g/tonne**	**Au Oz/ton**	**g/tonne**
54962	0.080	2.743	0.078	2.674
54963	0.038	1.303	0.038	1.303
54964	0.054	1.851	0.050	1.714
54966	0.050	1.714	0.052	1.783
54967	0.058	1.989	0.052	1.783
54969	0.044	1.509	0.038	1.303
54970	0.070	2.400	0.062	2.126
54972	0.164	5.623	0.164	5.623
53781	0.042	1.440	0.046	1.577

9 + 18

Certified Assayer:

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Email: info@polymetinc.com Website: www.polymetinc.com

Certificate of Analysis

Vault Minerals Inc.

We certify that the assay results in the following Certificates are factual and true.

Certificate #'s 7588, 7589 & 7590

Certified by: _____
Chief Assayer

Certified by: _____
President/Manager

Date: May 31, 2010

Disclaimer: The results included on this report relate only to the items tested. The Certificate of Analysis should not be reproduced except in full, without the written approval of the laboratory.

PolyMet Laboratories

Client: Vault Minerals Inc.

CERTIFICATE # 7588 Job No. 0-155

Date:
May 31 / 2010

Splits

Sample #	**Au Oz/ton**	**g/tonne**
25499	0.004	0.137
25500	<.001	<.03
25501	0.022	0.754
25502	<.001	<.03
25503	<.001	<.03
25504	<.001	<.03
25505	<.001	<.03
25506	<.001	<.03
25507	<.001	<.03
25508	<.001	<.03
25509	<.001	<.03
25510	<.001	<.03
25511	<.001	<.03
25512	Pend	
25513	<.001	<.03
25514	<.001	<.03
25515	<.001	<.03
25516	<.001	<.03
25517	<.001	<.03
25518	0.012	0.411
25519	<.001	<.03
25520	<.001	<.03
25521	<.001	<.03
25522	<.001	<.03
25523	<.001	<.03

24 **Splits**
1 **Pend**

Std Oxl 63	0.174	5.966
Blank	<.001	<.03

Certified Assayer:

PolyMet Laboratories

Client: Vault Minerals Inc.

CERTIFICATE # 7589 Job No. 0-155

Date:
May 31 / 2010

Splits

Sample #	**Au Oz/ton**	**g/tonne**
25524	<.001	<.03
25525	Pend	
25526	Pend	
25527	Pend	
25528	<.001	<.03
25529	Pend	
25530	0.012	0.411
25531	Pend	
25532	Pend	
25533	0.006	0.206
25534	<.001	<.03
25535	0.016	0.549
25536	0.002	0.069
25537	<.001	<.03
25538	<.001	<.03
25539	Pend	
25540	<.001	<.03
25541	0.008	0.274
25542	Pend	
25543	Pend	
25544	0.006	0.206
25545	Pend	
25546	0.012	0.411
25547	<.001	<.03

14 **Splits**
10 **Pend**

Std Oxl 63	0.178	6.103
Blank	<.001	<.03

Certified Assayer:



PolyMet Laboratories

Client: Vault Minerals Inc.

CERTIFICATE **# 7590** Job No. 0-155

Date: May 31 / 10

	Original		Check	
Sample #	**Au Oz/ton**	**g/tonne**	**Au Oz/ton**	**g/tonne**
25512	0.074	2.537	0.056	1.920
25525	0.034	1.166	0.032	1.097
25526	0.060	2.057	0.074	2.537
25527	0.036	1.234	0.038	1.303
25529	0.030	1.029	0.030	1.029
25531	0.046	1.577	0.048	1.646
25532	0.036	1.234	0.032	1.097
25539	0.082	2.811	0.088	3.017
25542	0.078	2.674	0.082	2.811
25543	0.066	2.263	0.068	2.331
25545	0.044	1.509	0.042	1.440

11 + 22

Certified Assayer:

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Tel: (705) 679-5500 • Fax: (705) 679-5519
Email: info@polymetinc.com Website: www.polymetinc.com

Certificate of Analysis

Vault Minerals Inc.

We certify that the assay results in the following Certificates are factual and true.

Certificate #'s 7643, 7644 & 7645

Certified by: _____
Chief Assayer

Certified by: _____
President/Manager

Date: June 7, 2010

Disclaimer: The results included on this report relate only to the items tested. The Certificate of Analysis should not be reproduced except in full, without the written approval of the laboratory.

PolyMet Laboratories

Client: Vault Minerals Inc.
Job No. 0-155

CERTIFICATE # 7643

Date:
June 7/ 2010

Splits

Sample #	**Au Oz/ton**	**g/tonne**
25740	Pend	
25741	<.001	<.03
25742	<.001	<.03
25743	0.004	0.137
25744	<.001	<.03
25745	0.006	0.206
25746	<.001	<.03
25747	<.001	<.03
25748	<.001	<.03
25749	<.001	<.03
25750	<.001	<.03
25801	0.012	0.411
25802	0.006	0.206
25803	0.008	0.274
25804	0.022	0.754
25805	<.001	<.03
25806	0.028	0.960
25807	0.004	0.137
25808	<.001	<.03
25809	<.001	<.03
25810	<.001	<.03
25811	<.001	<.03

21 **Splits**
1 **Pend**

Std Oxl 63	0.174	5.966
Blank	<.001	<.03

Certified Assayer:

PolyMet Laboratories

Client: Vault Minerals Inc.
Job No. 0-155

CERTIFICATE # 7644

Date:
June 7 / 2010

Splits

Sample #	**Au Oz/ton**	**g/tonne**
25812	0.050	1.714
25813	0.008	0.274
25814	Pend	
25815	<.001	<.03
25816	<.001	<.03
25817	<.001	<.03
25818	<.001	<.03
25819	<.001	<.03
25820	0.002	0.069
25821	<.001	<.03

Std Oxl 63	0.176	6.034
Blank	<.001	<.03

9 **Splits**
1 **Pend**

Certified Assayer:

PolyMet Laboratories

Client: Vault Minerals Inc.
Job No. 0-155

CERTIFICATE **# 7645**

Date:
June 7 / 10

	Original		Check	
Sample #	**Au Oz/ton**	**g/tonne**	**Au Oz/ton**	**g/tonne**
25740	0.258	8.846	0.300	10.286
25814	0.096	3.291	0.104	3.566

2 + 4

Certified Assayer:

PolyMet Labs
A Division of Polymet Resources Ltd.

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Email: info@polymetinc.com Website: www.polymetinc.com

Certificate of Analysis

Vault Minerals Inc.

We certify that the assay results in the following Certificates are factual and true.

Certificate #'s 7711, 7712, 7713, 7714 & 7715

Certified by: _____
Assistant Assayer

Certified by: _____
President/Manager

Date: June 22, 2010

Disclaimer: The results included on this report relate only to the items tested. The Certificate of Analysis should not be reproduced except in full, without the written approval of the laboratory.

PolyMet Laboratories

Client: Vault Minerals Inc.

CERTIFICATE # 7711

Job No. 0-155

Date:
June 22 / 2010

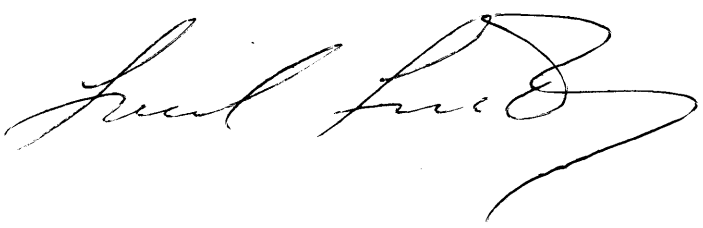
Splits

Sample #	**Au Oz/ton**	**g/tonne**
25956	<.001	<.03
25957	0.010	0.343
25958	0.006	0.206
25959	0.004	0.137
25960	0.022	0.754
25961	0.006	0.206
25962	Pend	
25963	<.001	<.03
25964	<.001	<.03
25965	<.001	<.03
25966	0.004	0.137
25967	0.006	0.206
25968	0.006	0.206
25969	0.002	0.069
25970	Pend	
25971	Pend	
25972	<.001	<.03
25973	Pend	
25974	0.028	0.960
25975	Pend	
25976	0.006	0.206
25977	0.008	0.274

17 **Splits**
5 **Pend**

Std Oxl 63	0.174	5.966
Blank	<.001	<.03

Certified Assayer:



PolyMet Laboratories

Client: Vault Minerals Inc.

CERTIFICATE # 7712 Job No. 0-155

Date:
June 22 / 2010

Splits

Sample #	**Au Oz/ton**	**g/tonne**
25978	Pend	
25979	<.001	<.03
25980	0.004	0.137
25981	0.010	0.343
25982	0.010	0.343
25983	0.002	0.069
25984	<.001	<.03
25985	<.001	<.03
25986	0.050	1.714
25987	<.001	<.03
25988	0.014	0.480
25989	0.006	0.206
25990	<.001	<.03
26213	<.001	<.03
26214	<.001	<.03
26215	<.001	<.03
26216	<.001	<.03
26217	<.001	<.03
26218	<.001	<.03
26219	Pend	
26220	<.001	<.03
26221	<.001	<.03

20 **Splits**
2 **Pend**

Std Oxl 63	0.172	5.897
Blank	<.001	<.03

Certified Assayer:

PolyMet Laboratories

Client: Vault Minerals Inc.

CERTIFICATE # 7713

Job No. 0-155

Date:
June 22 / 2010

Splits

Sample #	**Au Oz/ton**	**g/tonne**
26222	<.001	<.03
26223	<.001	<.03
26224	<.001	<.03
26225	<.001	<.03
26226	<.001	<.03
26227	<.001	<.03
26228	<.001	<.03
26229	<.001	<.03
26230	<.001	<.03
26231	<.001	<.03
26232	<.001	<.03
26233	<.001	<.03
26234	<.001	<.03
26235	0.024	0.823
26236	0.024	0.823
26237	0.018	0.617
26238	0.006	0.206
26239	<.001	<.03
26240	<.001	<.03
26241	<.001	<.03
26242	<.001	<.03

21 **Splits**

Std Oxl 63	0.172	5.897
Blank	<.001	<.03

Certified Assayer:

PolyMet Laboratories

Client: Vault Minerals Inc.

CERTIFICATE # 7714

Job No. 0-155

Date:
June 22 / 2010

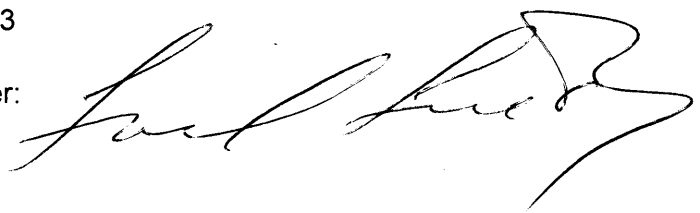
Splits

Sample #	**Au Oz/ton**	**g/tonne**
26243	<.001	<.03
26244	<.001	<.03
26245	<.001	<.03
26246	0.048	1.646
26247	<.001	<.03
26248	<.001	<.03
26249	<.001	<.03
26250	<.001	<.03
26251	Pend	
26252	<.001	<.03
26253	0.028	0.960
26254	0.008	0.274
26255	0.014	0.480
26256	0.014	0.480
26257	0.018	0.617
26258	0.002	0.069
26259	0.008	0.274

16 **Splits**
1 **Pend**

Std Oxl 63	0.172	5.897
Blank	<.001	<.03

Certified Assayer:



PolyMet Laboratories

Client: Vault Minerals Inc.

CERTIFICATE **# 7715**

Job No. 0-155

Date:
June 22 / 10

Sample #	Original Au Oz/ton	Original g/tonne	Check Au Oz/ton	Check g/tonne
25962	0.040	1.371	0.042	1.440
25970	0.066	2.263	0.060	2.057
25971	0.044	1.509	0.044	1.509
25973	0.094	3.223	0.090	3.086
25975	0.034	1.166	0.028	0.960
25978	0.222	7.611	0.212	7.269
26219	0.048	1.646	0.066	2.263
26251	0.046	1.577	0.044	1.509

8 + 16

Certified Assayer:

PolyMet Labs
A Division of Polymet Resources Ltd.

1 Presley St, P.O. Box 699, Cobalt, Ontario, Canada P0J 1C0
Tel: (705) 679-5500 • Fax: (705) 679-5519
Email: info@polymetinc.com Website: www.polymetinc.com

Certificate of Analysis

Vault Minerals Inc.

We certify that the assay results in the following Certificates are factual and true.

Certificate #'s 7758, 7759 & 7760

Certified by: _____
Chief Assayer

Certified by: _____
President/Manager

Date: June 29, 2010

Disclaimer: The results included on this report relate only to the items tested. The Certificate of Analysis should not be reproduced except in full, without the written approval of the laboratory.

PolyMet Laboratories

Client: Vault Minerals Inc.

CERTIFICATE # 7758 Job No. 0-155

Date:
June 29 / 2010

Splits

Sample #	**Au Oz/ton**	**g/tonne**
26260	0.014	0.480
26261	0.008	0.274
26262	0.020	0.686
26263	Pend	
26264	<.001	<.03
26265	<.001	<.03
26266	0.002	0.069
26267	0.008	0.274
26268	<.001	<.03
26269	<.001	<.03
26270	<.001	<.03
26271	0.008	0.274
26272	<.001	<.03
26273	0.008	0.274
26274	0.051	1.749
25991	<.001	<.03
25992	0.002	0.069
25993	0.010	0.343
25994	<.001	<.03
25995	<.001	<.03
25996	0.002	0.069
25997	<.001	<.03
25998	<.001	<.03
25999	<.001	<.03
26000	<.001	<.03

24 **Splits**
1 **Pend**

Std Oxl 63	0.178	6.103
Blank	<.001	<.03

Certified Assayer:

PolyMet Laboratories

Client: Vault Minerals Inc.
Job No. 0-155

CERTIFICATE # 7759

Date:
June 29 / 2010

Splits

Sample #	**Au Oz/ton**	**g/tonne**
26001	<.001	<.03
26002	<.001	<.03
26003	<.001	<.03
26004	<.001	<.03
26005	<.001	<.03
26006	<.001	<.03
26007	<.001	<.03
26008	<.001	<.03
26009	<.001	<.03
26010	<.001	<.03
26011	<.001	<.03
26012	<.001	<.03
26013	<.001	<.03
26014	<.001	<.03
26015	<.001	<.03
26016	0.006	0.206
26017	<.001	<.03
26018	0.002	0.069
26019	<.001	<.03
26020	<.001	<.03

20 **Splits**

Std Oxl 63	0.170	5.829
Blank	<.001	<.03

Certified Assayer:

PolyMet Laboratories

		Client:	Vault Minerals Inc.
CERTIFICATE	**# 7760**	Job No.	0-155

Date:
June 29 / 10

	Original		**Check**	
Sample #	**Au Oz/ton**	**g/tonne**	**Au Oz/ton**	**g/tonne**
26263	0.042	1.440	0.044	1.509

1 + 2

Certified Assayer:

PolyMet Labs
A Division of Polymet Resources Ltd.

1 Presley St, P.O. Box 699, Cobalt, Ontario, Canada P0J 1C0
Tel: (705) 679-5500 • Fax: (705) 679-5519
Email: info@polymetinc.com Website: www.polymetinc.com

Certificate of Analysis

Vault Minerals Inc.

We certify that the assay results in the following Certificates are factual and true.

Certificate #'s 7843, 7844, 7845, 7846, 7847, 7850, 7851, 7852 & 7853

Certified by: _____
Chief Assayer

Certified by: _____
President/Manager

Date: June 13, 2010

Disclaimer: The results included on this report relate only to the items tested. The Certificate of Analysis should not be reproduced except in full, without the written approval of the laboratory.

PolyMet Laboratories

Client: Vault Minerals Inc.

CERTIFICATE 7843 Job No. 0-155

Date:
July 14 / 2010

Splits

Sample #	**Au Oz/ton**	**g/tonne**
26346	Pend	
26347	0.012	0.411
26348	0.006	0.206
26349	0.010	0.343
26350	0.026	0.891
26351	<.001	<.03
26352	0.006	0.206
26353	0.048	1.646
26354	<.001	<.03
26355	0.006	0.206
26356	<.001	<.03
26357	<.001	<.03
26358	<.001	<.03
26359	0.004	0.137
26360	0.008	0.274
26361	<.001	<.03
26362	<.001	<.03
26363	0.002	0.069
26364	0.002	0.069
26365	0.002	0.069
26366	<.001	<.03
26367	0.002	0.069
26368	<.001	<.03
26369	0.016	0.549
26370	<.001	<.03
26371	<.001	<.03
26372	<.001	<.03
26373	<.001	<.03
26374	<.001	<.03

28 **Splits**
1 **Pend**

Std Oxl 63	0.174	5.966
Blank	<.001	<.03

Certified Assayer:

PolyMet Laboratories

Client: Vault Minerals Inc.

CERTIFICATE 7844

Job No. 0-155

Date:
July 14 / 2010

Splits

Sample #	**Au Oz/ton**	**g/tonne**
26375	0.022	0.754
26376	0.002	0.069
26377	0.052	1.783
26378	<.001	<.03
26379	0.004	0.137
26380	0.006	0.206
26381	0.004	0.137
26382	0.014	0.480
26383	Pend	
26384	<.001	<.03
26385	<.001	<.03
26386	<.001	<.03
26387	<.001	<.03
26388	0.010	0.343
26389	<.001	<.03
26390	0.012	0.411
26391	0.006	0.206
26392	0.012	0.411
26393	0.014	0.480
26394	0.002	0.069
26395	0.057	1.954

20 **Splits**
1 **Pend**

Std Oxl 63	0.172	5.897
Blank	<.001	<.03

Certified Assayer:

PolyMet Laboratories

Client: Vault Minerals Inc.

CERTIFICATE 7845 Job No. 0-155

Date:
July 14 / 2010

Splits

Sample #	**Au Oz/ton**	**g/tonne**
26396	0.028	0.960
26397	<.001	<.03
26398	<.001	<.03
26399	Pend	
26400	<.001	<.03
26701	<.001	<.03
26702	0.008	0.274
26703	Pend	
26704	<.001	<.03
26705	<.001	<.03
26706	<.001	<.03
26707	<.001	<.03
26708	<.001	<.03
26709	<.001	<.03
26710	<.001	<.03
26711	<.001	<.03
26712	<.001	<.03
26713	<.001	<.03
26714	<.001	<.03
26715	<.001	<.03
26716	<.001	<.03
26717	<.001	<.03

20 **Splits**
2 **Pend**

Std Oxl 63	0.172	5.897
Blank	<.001	<.03

Certified Assayer:

PolyMet Laboratories

Client: Vault Minerals Inc.

CERTIFICATE 7846 Job No. 0-155

Date:
July 14 / 2010

Splits

Sample #	**Au Oz/ton**	**g/tonne**
26718	<.001	<.03
26719	<.001	<.03
26720	<.001	<.03
26721	<.001	<.03
26722	<.001	<.03
26723	<.001	<.03
26724	<.001	<.03
26725	0.014	0.480
26726	<.001	<.03
26727	<.001	<.03
26728	<.001	<.03

11 **Splits**

Std Oxl 63	0.176	6.034
Blank	<.001	<.03

Certified Assayer:

PolyMet Laboratories

		Client:	Vault Minerals Inc.
CERTIFICATE	**7847**	Job No.	0-155

Date:
July 14 / 10

	Original		**Check**	
Sample #	**Au Oz/ton**	**g/tonne**	**Au Oz/ton**	**g/tonne**
26346	0.042	1.440	0.030	1.029
26383	0.036	1.234	0.030	1.029
26399	0.032	1.097	0.034	1.166
26703	0.032	1.097	0.036	1.234

4 + 8

Certified Assayer:

PolyMet Laboratories

Client: Vault Minerals Inc.

CERTIFICATE 7850 Job No. 0-155

Date:
July 15 / 2010

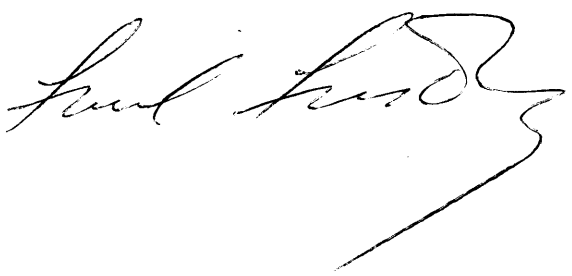
Splits

Sample #	**Au Oz/ton**	**g/tonne**
26729	<.001	<.03
26730	<.001	<.03
26731	<.001	<.03
26732	Pend	
26733	<.001	<.03
26734	Pend	
26735	<.001	<.03
26736	0.045	1.543
26737	<.001	<.03
26738	0.002	0.069
26739	<.001	<.03
26740	Pend	
26741	<.001	<.03
26742	<.001	<.03
26743	<.001	<.03

12 **Splits**
3 **Pend**

Std Oxl 63	0.170	5.829
Blank	<.001	<.03

Certified Assayer:



PolyMet Laboratories

Client: Vault Minerals Inc.

CERTIFICATE 7851 Job No. 0-155

Date:
July 15 / 2010

Splits

Sample #	**Au Oz/ton**	**g/tonne**
26744	<.001	<.03
26745	<.001	<.03
26746	<.001	<.03
26747	<.001	<.03
26748	<.001	<.03
26749	<.001	<.03
26750	<.001	<.03
26751	<.001	<.03
26752	<.001	<.03
26753	0.010	0.343
26754	0.004	0.137
26755	<.001	<.03
26756	<.001	<.03
26757	<.001	<.03
26758	<.001	<.03
26759	<.001	<.03
26760	<.001	<.03
26761	<.001	<.03
26762	<.001	<.03
26763	0.008	0.274
26764	0.002	0.069
26765	<.001	<.03

22 **Splits**

Std Oxl 63	0.178	6.103
Blank	<.001	<.03

Certified Assayer:

PolyMet Laboratories

Client: Vault Minerals Inc.

CERTIFICATE 7852

Job No. 0-155

Date:
July 15 / 2010

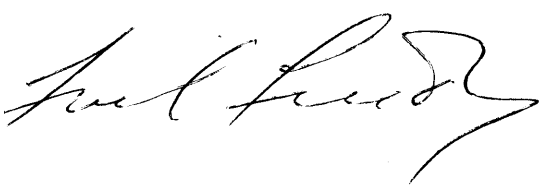
Splits

Sample #	**Au Oz/ton**	**g/tonne**
26766	0.051	1.749
26767	<.001	<.03
26768	<.001	<.03
26769	<.001	<.03
26770	<.001	<.03
26771	<.001	<.03
26772	<.001	<.03
27208	<.001	<.03
27209	Pend	
27210	<.001	<.03
27211	0.014	0.480
27212	<.001	<.03
27213	<.001	<.03
27214	<.001	<.03
27215	<.001	<.03
27216	<.001	<.03
27217	<.001	<.03
27218	0.006	0.206
27219	<.001	<.03
27220	<.001	<.03
27221	<.001	<.03

20 **Splits**
1 **Pend**

Std Oxl 63	0.178	6.103
Blank	<.001	<.03

Certified Assayer:



PolyMet Laboratories

		Client:	Vault Minerals Inc.
CERTIFICATE	**7853**	Job No.	0-155

Date:
July 15 / 10

	Original		**Check**	
Sample #	**Au Oz/ton**	**g/tonne**	**Au Oz/ton**	**g/tonne**
26732	0.266	9.120	0.276	9.463
26734	0.092	3.154	0.062	2.126
26740	0.102	3.497	0.098	3.360
27209	0.034	1.166	0.030	1.029

4 + 8

Certified Assayer:

PolyMet Labs
A Division of Polymet Resources Ltd.

1 Presley St, P.O. Box 699, Cobalt, Ontario, Canada P0J 1C0
Tel: (705) 679-5500 • Fax: (705) 679-5519
Email: info@polymetinc.com Website: www.polymetinc.com

Certificate of Analysis

Vault Minerals Inc.

We certify that the assay results in the following Certificates are factual and true.

Certificate #'s 7864, 7865, 7866, 7867, 7881, 7882, 7883, 7884 & 7885

Certified by: _____
Chief Assayer

Certified by: _____
President/Manager

Date: July 21, 2010

Disclaimer: The results included on this report relate only to the items tested. The Certificate of Analysis should not be reproduced except in full, without the written approval of the laboratory.

PolyMet Laboratories

Client: Vault Minerals Inc.

CERTIFICATE 7864

Job No. 0-155

Date:
July 19 / 2010

Splits

Sample #	**Au Oz/ton**	**g/tonne**
27222	<.001	<.03
27223	<.001	<.03
27224	<.001	<.03
27225	<.001	<.03
27226	<.001	<.03
27227	<.001	<.03
27228	<.001	<.03
27229	<.001	<.03
27230	<.001	<.03
27231	<.001	<.03
27232	0.016	0.549
27233	<.001	<.03
27234	<.001	<.03
27235	<.001	<.03
27236	0.052	1.783

15 **Splits**

Std Oxl 63	0.174	5.966
Blank	<.001	<.03

Certified Assayer:

PolyMet Laboratories

Client: Vault Minerals Inc.

CERTIFICATE 7865 Job No. 0-155

Date:
July 19 / 2010

Splits

Sample #	**Au Oz/ton**	**g/tonne**
27237	<.001	<.03
27238	<.001	<.03
27239	<.001	<.03
27240	0.002	0.069
27241	<.001	<.03
27242	<.001	<.03
27243	<.001	<.03
27244	<.001	<.03
27245	<.001	<.03
27246	<.001	<.03
27247	<.001	<.03
27248	<.001	<.03
27249	0.006	0.206
27250	<.001	<.03
27251	<.001	<.03
27252	<.001	<.03
27253	<.001	<.03
27254	<.001	<.03
27255	<.001	<.03
27256	<.001	<.03
27257	0.002	0.069

21 **Splits**

Std Oxl 63	0.174	5.966
Blank	<.001	<.03

Certified Assayer:

PolyMet Laboratories

Client: Vault Minerals Inc.

CERTIFICATE 7866 Job No. 0-155

Date:
July 19 / 2010

Splits

Sample #	**Au Oz/ton**	**g/tonne**
27258	0.010	0.343
27259	<.001	<.03
27260	<.001	<.03
27261	<.001	<.03
27262	<.001	<.03
27263	<.001	<.03
27264	<.001	<.03
27265	<.001	<.03
27266	<.001	<.03
27267	<.001	<.03
27268	<.001	<.03
27269	<.001	<.03
27270	<.001	<.03
27271	0.014	0.480
27272	<.001	<.03
27273	<.001	<.03
27274	0.008	0.274
27275	Pend	
27276	0.010	0.343
27277	<.001	<.03
27278	0.053	1.817
27279	0.002	0.069
27280	<.001	<.03
27281	<.001	<.03
27282	<.001	<.03

24 **Splits**
1 **Pend**

Std Oxl 63	0.174	5.966
Blank	<.001	<.03

Certified Assayer:

PolyMet Laboratories

		Client:	Vault Minerals Inc.
CERTIFICATE	**7867**	Job No.	0-155

Date:
July 19 / 10

	Original		**Check**	
Sample #	**Au Oz/ton**	**g/tonne**	**Au Oz/ton**	**g/tonne**
27275	0.050	1.714	0.048	1.646

1 + 2

Certified Assayer:

PolyMet Laboratories

Client: Vault Minerals Inc.

CERTIFICATE 7881 Job No. 0-155

Date:
July 21 / 2010

Splits

Sample #	**Au Oz/ton**	**g/tonne**
27283	<.001	<.03
27284	<.001	<.03
27285	<.001	<.03
27286	<.001	<.03
27287	<.001	<.03
27288	<.001	<.03
27289	<.001	<.03
27290	<.001	<.03
27291	<.001	<.03
27292	<.001	<.03
27293	<.001	<.03
27294	<.001	<.03
27295	<.001	<.03
27296	0.028	0.960
27297	<.001	<.03
27298	0.050	1.714
27299	Pend	
27300	0.002	0.069
27301	<.001	<.03
27302	<.001	<.03
27303	<.001	<.03
27304	0.012	0.411
27305	Pend	
27306	0.016	0.549
27307	0.020	0.686
27308	<.001	<.03
27309	0.008	0.274
27310	0.012	0.411
27311	<.001	<.03

27 **Splits**
2 **Pend**

Std Oxl 63	0.174	5.966
Blank	<.001	<.03

Certified Assayer:

PolyMet Laboratories

Client: Vault Minerals Inc.

CERTIFICATE 7882

Job No. 0-155

Date:
July 21 / 2010

Splits

Sample #	**Au Oz/ton**	**g/tonne**
27312	<.001	<.03
27313	<.001	<.03
27314	0.010	0.343
27315	<.001	<.03
27316	<.001	<.03
27317	Pend	
27318	<.001	<.03
27319	<.001	<.03
27320	<.001	<.03
27321	Pend	
27322	<.001	<.03
27323	<.001	<.03
27324	Pend	
27325	<.001	<.03
27326	<.001	<.03
27327	0.014	0.480
27328	<.001	<.03
27329	<.001	<.03
27330	<.001	<.03
27331	<.001	<.03
27332	<.001	<.03

18 **Splits**
3 **Pend**

Std Oxl 63	0.174	5.966
Blank	<.001	<.03

Certified Assayer:

PolyMet Laboratories

Client: Vault Minerals Inc.

CERTIFICATE 7883

Job No. 0-155

Date:
July 21 / 2010

Splits

Sample #	**Au Oz/ton**	**g/tonne**
27333	<.001	<.03
27334	0.051	1.749
27138	0.002	0.069
27139	<.001	<.03
27140	<.001	<.03
27141	<.001	<.03
27142	<.001	<.03
27143	<.001	<.03
27144	<.001	<.03
27145	<.001	<.03
27146	0.006	0.206
27147	0.010	0.343
27148	0.002	0.069
27149	<.001	<.03
27150	<.001	<.03
27151	Pend	
27152	0.024	0.823
27153	0.002	0.069
27154	0.012	0.411
27155	0.012	0.411
27156	Pend	
27157	0.002	0.069

20 **Splits**
2 **Pend**

Std Oxl 63	0.174	5.966
Blank	<.001	<.03

Certified Assayer:

PolyMet Laboratories

Client: Vault Minerals Inc.

CERTIFICATE 7884

Job No. 0-155

Date:
July 21 / 2010

Splits

Sample #	**Au Oz/ton**	**g/tonne**
27158	<.001	<.03
27159	0.002	0.069
27160	0.028	0.960
27161	<.001	<.03
27162	<.001	<.03
27163	<.001	<.03
27164	<.001	<.03
27165	<.001	<.03
27166	<.001	<.03
27167	0.167	5.726
27168	<.001	<.03
27169	<.001	<.03
27170	0.004	0.137

13 **Splits**

Std Oxl 63	0.174	5.966
Blank	<.001	<.03

Certified Assayer:

PolyMet Laboratories

		Client:	Vault Minerals Inc.
CERTIFICATE	**7885**	Job No.	0-155

Date:
July 21 / 10

	Original		**Check**	
Sample #	**Au Oz/ton**	**g/tonne**	**Au Oz/ton**	**g/tonne**
27299	0.034	1.166	0.032	1.097
27305	0.044	1.509	0.042	1.440
27317	0.036	1.234	0.034	1.166
27321	0.038	1.303	0.038	1.303
27324	3.888	133.304	5.096	174.721
27151	0.086	2.949	0.078	2.674
27156	0.042	1.440	0.040	1.371

7 + 14

Certified Assayer:

PolyMet Labs
A Division of Polymet Resources Ltd.

1 Presley St, P.O. Box 699, Cobalt, Ontario, Canada P0J 1C0
Tel: (705) 679-5500 • Fax: (705) 679-5519
Email: info@polymetinc.com Website: www.polymetinc.com

Certificate of Analysis

Vault Minerals Inc.

We certify that the assay results in the following Certificates are factual and true.

Certificate #'s 8005, 8006, 8007, 8008

Certified by: _____
Chief Assayer

Certified by: _____
President/Manager

Date: August 9, 2010

Disclaimer: The results included on this report relate only to the items tested. The Certificate of Analysis should not be reproduced except in full, without the written approval of the laboratory.

PolyMet Laboratories

Client: Vault Minerals Inc.

CERTIFICATE 8005

Job No. 0-155

Date:
Aug. 9 / 2010

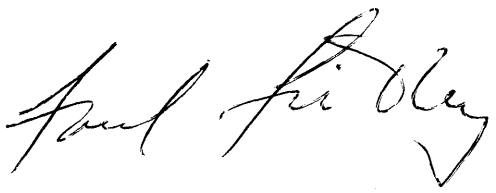
Splits

Sample #	**Au Oz/ton**	**g/tonne**
27682	<.001	<.03
27683	0.002	0.069
27684	0.002	0.069
27685	0.012	0.411
27686	<.001	<.03
27687	<.001	<.03
27688	<.001	<.03
27689	<.001	<.03
27690	<.001	<.03
27691	<.001	<.03
27692	0.166	5.691
27693	<.001	<.03
27694	<.001	<.03
27695	<.001	<.03
27696	<.001	<.03
27697	<.001	<.03
27698	<.001	<.03
27699	<.001	<.03
27700	<.001	<.03
27701	<.001	<.03
27702	<.001	<.03
27703	0.002	0.069
27704	<.001	<.03
27705	0.002	0.069
27706	0.002	0.069

25 **Splits**

Std Oxl 63	0.178	6.103
Blank	<.001	<.03

Certified Assayer:



PolyMet Laboratories

Client: Vault Minerals Inc.

CERTIFICATE 8006

Job No. 0-155

Date:
Aug. 9 / 2010

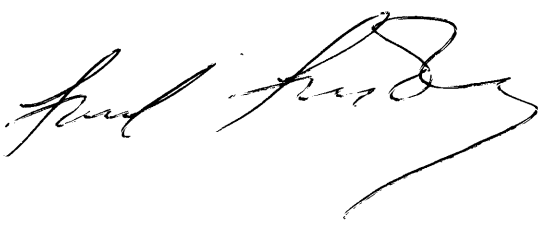
Splits

Sample #	**Au Oz/ton**	**g/tonne**
27707	<.001	<.03
27708	<.001	<.03
27709	<.001	<.03
27710	<.001	<.03
27711	0.004	0.137
27712	<.001	<.03
27713	0.002	0.069
27714	<.001	<.03
27715	<.001	<.03
27716	0.002	0.069
27717	<.001	<.03
27718	<.001	<.03
27719	<.001	<.03
27720	<.001	<.03
27721	<.001	<.03
27722	0.002	0.069
27723	<.001	<.03
27724	0.046	1.577
27725	<.001	<.03
27726	0.002	0.069
27727	<.001	<.03

21 **Splits**

Std Oxl 63	0.172	5.897
Blank	<.001	<.03

Certified Assayer:



PolyMet Laboratories

Client: Vault Minerals Inc.

CERTIFICATE 8007 Job No. 0-155

Date:
Aug. 9 / 2010

Splits

Sample #	**Au Oz/ton**	**g/tonne**
27728	<.001	<.03
27729	<.001	<.03
27730	Pend	
27731	<.001	<.03
27732	0.020	0.686
27733	Pend	
27734	<.001	<.03
27735	0.004	0.137
27736	0.014	0.480
27737	0.014	0.480
27738	0.002	0.069
27739	0.026	0.891
27740	<.001	<.03
27741	<.001	<.03

12 **Splits**
2 **Pend**

Std Oxl 63	0.174	5.966
Blank	<.001	<.03

Certified Assayer:



PolyMet Laboratories

		Client:	Vault Minerals Inc.
CERTIFICATE	**8008**	Job No.	0-155

Date:
Aug. 9 / 10

	Original		**Check**	
Sample #	**Au Oz/ton**	**g/tonne**	**Au Oz/ton**	**g/tonne**
27730	0.042	1.440	0.052	1.783
27733	0.040	1.371	0.044	1.509

2 + 4

Certified Assayer:

PolyMet Labs
A Division of Polymet Resources Ltd.

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Tel: (705) 679-5500 • Fax: (705) 679-5519
Email: info@polymetinc.com Website: www.polymetinc.com

Certificate of Analysis

Vault Minerals Inc

We certify that the assay results in the following Certificates are factual and true.

Certificate #'s 8212, 8213, 8214, 8215, & 8216

Certified by: _____
Chief Assayer

Certified by: _____
President/Manager

Date: September 2, 2010

Disclaimer: The results included on this report relate only to the items tested. The Certificate of Analysis should not be reproduced except in full, without the written approval of the laboratory.

PolyMet Laboratories

Client: Vault Minerals Inc.

CERTIFICATE 8212

Job No. 0-155

Date:
Sept. 2 / 2010

Splits

Sample #	**Au Oz/ton**	**g/tonne**
34871	0.020	0.686
34872	0.022	0.754
34873	0.163	5.589
34874	0.028	0.960
34875	Pend	
34876	0.018	0.617
34877	Pend	
34878	0.022	0.754
34879	Pend	
34880	0.022	0.754
34881	<.001	<.03
34882	0.010	0.343
34883	0.010	0.343
34884	0.008	0.274
34885	Pend	
34886	<.001	<.03
34887	Pend	
34888	Pend	
34889	Pend	
34890	Pend	
34891	Pend	
34892	Pend	

12 **Splits**
10 **Pend**

Std Oxl 63	0.174	5.966
Blank	<.001	<.03

Certified Assayer:

PolyMet Laboratories

Client: Vault Minerals Inc.

CERTIFICATE 8213 Job No. 0-155

Date:
Sept. 3 / 2010

Splits

Sample #	**Au Oz/ton**	**g/tonne**
34893	0.008	0.274
34894	0.018	0.617
34895	0.006	0.206
34896	<.001	<.03
34897	<.001	<.03
34898	0.002	0.069
34899	<.001	<.03
34900	<.001	<.03
34901	0.002	0.069
34902	0.004	0.137
34903	<.001	<.03
34904	0.010	0.343
34905	<.001	<.03
34906	0.002	0.069
34907	Pend	
34908	0.002	0.069
34909	<.001	<.03
34910	<.001	<.03
34911	<.001	<.03
34912	0.049	1.680
34913	<.001	<.03

20 **Splits**
1 **Pend**

Std Oxl 63	0.174	5.966
Blank	<.001	<.03

Certified Assayer:



PolyMet Laboratories

Client: Vault Minerals Inc.

CERTIFICATE 8214 Job No. 0-155

Date:
Sept. 3 / 2010

Splits

Sample #	**Au Oz/ton**	**g/tonne**
34914	<.001	<.03
34915	0.002	0.069
34916	0.002	0.069
34917	<.001	<.03
34918	<.001	<.03
34919	<.001	<.03
34920	<.001	<.03
34921	<.001	<.03
34922	Pend	
34923	<.001	<.03
34924	<.001	<.03
34925	<.001	<.03
34926	0.004	0.137
34927	<.001	<.03
34928	Pend	
34929	<.001	<.03
34930	<.001	<.03
34931	<.001	<.03
34932	<.001	<.03
34933	<.001	<.03
34934	<.001	<.03
34935	0.002	0.069

20 **Splits**
2 **Pend**

Std Oxl 63	0.174	5.966
Blank	<.001	<.03

Certified Assayer:



PolyMet Laboratories

Client: Vault Minerals Inc.

CERTIFICATE 8215 Job No. 0-155

Date:
Sept. 3 / 2010

Splits

Sample #	**Au Oz/ton**	**g/tonne**
34936	0.002	0.069
34937	<.001	<.03
34938	0.002	0.069
34939	0.161	5.520
34940	<.001	<.03
34941	0.006	0.206
34942	0.002	0.069
34943	<.001	<.03
34944	<.001	<.03
34945	<.001	<.03
34946	0.022	0.754
34947	<.001	<.03
34948	<.001	<.03
34949	<.001	<.03
34950	<.001	<.03
34951	0.010	0.343
34952	<.001	<.03
34953	0.002	0.069
34954	<.001	<.03
34955	0.012	0.411
34956	<.001	<.03
34957	<.001	<.03
34958	0.014	0.480

23 **Splits**

Std Oxl 63	0.172	5.897
Blank	<.001	<.03

Certified Assayer:

PolyMet Laboratories

Client: Vault Minerals Inc.

CERTIFICATE **8216** Job No. 0-155

Date: Sept. 3 / 10

	Original		Check	
Sample #	**Au Oz/ton**	**g/tonne**	**Au Oz/ton**	**g/tonne**
34875	0.058	1.989	0.042	1.440
34877	0.034	1.166	0.022	0.754
34879	0.048	1.646	0.038	1.303
34885	3.764	129.053	2.478	84.961
34887	0.052	1.783	0.052	1.783
34888	0.036	1.234	0.042	1.440
34889	0.130	4.457	0.116	3.977
34890	0.070	2.400	0.090	3.086
34891	0.170	5.829	0.182	6.240
34892	0.170	5.829	0.124	4.251
34907	0.042	1.440	0.036	1.234
34922	1.174	40.252	1.164	39.909
34928	0.044	1.509	0.062	2.126

13 + 26

Certified Assayer:

PolyMet Labs
A Division of Polymet Resources Ltd.

1 Presley St, P.O. Box 699, Cobalt, Ontario, Canada P0J 1C0
Tel: (705) 679-5500 • Fax: (705) 679-5519
Email: info@polymetinc.com Website: www.polymetinc.com

Certificate of Analysis

Vault Minerals Inc.

We certify that the assay results in the following Certificates are factual and true.

Certificate #'s 8416, 8417, 8418, 8419, 8420, 8421, 8422, 8423, 8424, 8425, 8426, & 8427

Certified by: _____
Chief Assayer

Certified by: _____
President/Manager

Date: Sept. 28, 2010

Disclaimer: The results included on this report relate only to the items tested. The Certificate of Analysis should not be reproduced except in full, without the written approval of the laboratory.

PolyMet Laboratories

Client: Vault Minerals Inc.

CERTIFICATE 8416 Job No. 0-155

Date:
Sept. 27 / 2010

Splits

Sample #	**Au Oz/ton**	**g/tonne**
27135	<.001	<.03
27136	<.001	<.03
27137	<.001	<.03
27458	<.001	<.03
27459	<.001	<.03
27460	<.001	<.03

6 **Splits**

Std Oxl 63	0.172	5.897
Blank	<.001	<.03

Certified Assayer:

PolyMet Laboratories

Client: Vault Minerals Inc.

CERTIFICATE 8417 Job No. 0-155

Date:
Sept. 27 / 2010

Splits

Sample #	**Au Oz/ton**	**g/tonne**
27461	<.001	<.03
27462	<.001	<.03
27463	<.001	<.03
27464	<.001	<.03
27465	<.001	<.03
27466	<.001	<.03
27467	<.001	<.03
27468	<.001	<.03
27469	<.001	<.03
27470	<.001	<.03
27471	<.001	<.03
27472	<.001	<.03
27473	<.001	<.03
27474	<.001	<.03
27475	<.001	<.03
27476	<.001	<.03
27477	<.001	<.03
27478	0.008	0.274
27479	0.024	0.823
27480	<.001	<.03
27481	<.001	<.03
27482	<.001	<.03

22 **Splits**

Std Oxl 63	0.172	5.897
Blank	<.001	<.03

Certified Assayer:

PolyMet Laboratories

Client: Vault Minerals Inc.

CERTIFICATE 8418 Job No. 0-155

Date:
Sept. 27 / 2010

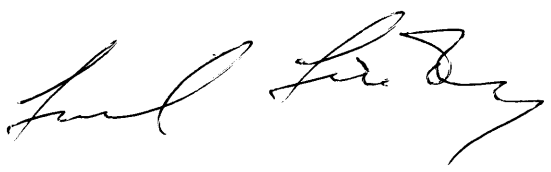
Splits

Sample #	**Au Oz/ton**	**g/tonne**
27483	<.001	<.03
27484	0.002	0.069
27485	<.001	<.03
27486	0.050	1.714
27487	<.001	<.03
27488	0.006	0.206
27489	<.001	<.03
27490	0.002	0.069
27491	<.001	<.03
27492	<.001	<.03
27493	<.001	<.03
27494	<.001	<.03
27495	<.001	<.03
27496	<.001	<.03
27497	<.001	<.03
27498	<.001	<.03
27499	0.006	0.206
27500	<.001	<.03
27501	<.001	<.03
27502	<.001	<.03
27503	<.001	<.03

21 **Splits**

Std Oxl 63	0.168	5.760
Blank	<.001	<.03

Certified Assayer:



PolyMet Laboratories

Client: Vault Minerals Inc.

CERTIFICATE 8419 Job No. 0-155

Date:
Sept. 27 / 2010

Splits

Sample #	**Au Oz/ton**	**g/tonne**
27504	<.001	<.03
27505	<.001	<.03
27506	0.012	0.411
27507	<.001	<.03
27508	<.001	<.03
27509	0.002	0.069
27510	<.001	<.03
27511	<.001	<.03
27512	0.164	5.623
27513	<.001	<.03
27514	<.001	<.03
27515	<.001	<.03
27516	<.001	<.03
27517	<.001	<.03
27518	<.001	<.03
27519	<.001	<.03
27520	<.001	<.03
27521	0.002	0.069
27522	0.002	0.069
27523	<.001	<.03
27524	0.008	0.274
27525	<.001	<.03

22 **Splits**

Std Oxl 63	0.168	5.760
Blank	<.001	<.03

Certified Assayer:



PolyMet Laboratories

Client: Vault Minerals Inc.

CERTIFICATE 8420 Job No. 0-155

Date:
Sept. 28 / 2010

Splits

Sample #	**Au Oz/ton**	**g/tonne**
27526	0.016	0.549
27527	<.001	<.03
27528	0.026	0.891
27529	<.001	<.03
27530	<.001	<.03
27531	Pend	
27532	<.001	<.03
27533	<.001	<.03
27534	0.016	0.549
27535	<.001	<.03
27536	Pend	
27537	<.001	<.03
27538	<.001	<.03
27539	<.001	<.03
27540	<.001	<.03
27541	<.001	<.03
27542	0.016	0.549
27543	<.001	<.03
27544	<.001	<.03
27545	0.052	1.783
27546	<.001	<.03

21 Splits

Std Oxl 63	0.172	5.897
Blank	<.001	<.03

Certified Assayer:

PolyMet Laboratories

Client: Vault Minerals Inc.
Job No. 0-155

CERTIFICATE 8421

Date:
Sept. 28 / 2010

Splits

Sample #	**Au Oz/ton**	**g/tonne**
27547	0.020	0.686
27548	0.028	0.960
27549	0.028	0.960
27550	0.004	0.137
27551	Pend	
27552	<.001	<.03
27553	0.002	0.069
27580	<.001	<.03
27581	<.001	<.03
27582	<.001	<.03
27583	0.002	0.069
27584	<.001	<.03
27585	<.001	<.03
27586	0.002	0.069
27587	0.002	0.069
27588	0.004	0.137
27589	Pend	
27590	Pend	
27591	Pend	
27592	Pend	
27593	Pend	
27594	0.002	0.069

16 **Splits**
6 **Pend**

Std Oxl 63	0.172	5.897
Blank	<.001	<.03

Certified Assayer:

PolyMet Laboratories

Client: Vault Minerals Inc.

CERTIFICATE 8422 Job No. 0-155

Date: **Splits**
Sept. 28 / 2010

Sample #	**Au Oz/ton**	**g/tonne**
27595	<.001	<.03
27596	<.001	<.03
27597	<.001	<.03
27598	<.001	<.03
27599	<.001	<.03
27600	<.001	<.03
27601	<.001	<.03
27602	<.001	<.03
27603	<.001	<.03
27604	<.001	<.03
27605	<.001	<.03
45280	<.001	<.03
45281	<.001	<.03
45282	0.006	0.206
45283	0.165	5.657
45284	0.014	0.480
45285	<.001	<.03
45286	<.001	<.03
45287	<.001	<.03
45288	<.001	<.03
45289	<.001	<.03
45290	<.001	<.03

22 **Splits**

Std Oxl 63	0.174	5.966
Blank	<.001	<.03

Certified Assayer:

PolyMet Laboratories

Client: Vault Minerals Inc.

CERTIFICATE 8423 Job No. 0-155

Date:
Sept. 28 / 2010

Splits

Sample #	**Au Oz/ton**	**g/tonne**
45291	<.001	<.03
45292	<.001	<.03
45293	<.001	<.03
45294	<.001	<.03
45295	<.001	<.03
45296	<.001	<.03
45297	0.006	0.206
45298	0.002	0.069
45299	0.042	1.440
45300	0.006	0.206
45301	<.001	<.03
45302	<.001	<.03
45303	0.002	0.069
45304	0.004	0.137
45305	0.004	0.137
45306	<.001	<.03
45307	<.001	<.03
45308	<.001	<.03
45309	<.001	<.03
45310	<.001	<.03
45311	<.001	<.03

21 **Splits**

Std Oxl 63	0.174	5.966
Blank	<.001	<.03

Certified Assayer:



PolyMet Laboratories

Client: Vault Minerals Inc.

CERTIFICATE **8424**

Job No. 0-155

Date:
Sept. 28 / 2010

	Original		**Check**	
Sample #	**Au Oz/ton**	**g/tonne**	**Au Oz/ton**	**g/tonne**
27531	0.034	1.166	0.068	2.331
27536	0.136	4.663	0.136	4.663
27551	0.102	3.497	0.108	3.703
27589	0.078	2.674	0.102	3.497
27590	0.048	1.646	0.028	0.960
27591	0.540	18.514	0.390	13.372
27592	0.034	1.166	0.026	0.891
27593	0.114	3.909	0.100	3.429

8 + 16

Certified Assayer:

PolyMet Laboratories

Client: Vault Minerals Inc.

CERTIFICATE 8425 Job No. 0-155

Date:
Sept. 28 / 2010

Splits

Sample #	**Au Oz/ton**	**g/tonne**
47112	0.002	0.069
47113	0.016	0.549
47114	0.161	5.520
47115	<.001	<.03
47116	<.001	<.03
47117	<.001	<.03
47118	<.001	<.03
47119	0.014	0.480
47120	<.001	<.03
47121	<.001	<.03
47122	<.001	<.03
47123	<.001	<.03
47124	<.001	<.03
47125	<.001	<.03
47126	0.002	0.069
47127	<.001	<.03
47128	<.001	<.03
47129	<.001	<.03
47130	<.001	<.03
47131	<.001	<.03
47132	<.001	<.03
47133	<.001	<.03
47134	<.001	<.03

23 **Splits**

Std Oxl 63	0.174	5.966
Blank	<.001	<.03

Certified Assayer:



PolyMet Laboratories

Client: Vault Minerals Inc.

CERTIFICATE 8426 Job No. 0-155

Date:
Sept. 28 / 2010

Splits

Sample #	**Au Oz/ton**	**g/tonne**
47135	<.001	<.03
47136	<.001	<.03
47137	<.001	<.03
47138	<.001	<.03
47139	<.001	<.03
47140	<.001	<.03
47141	0.004	0.137
47142	Pend	
47143	0.006	0.206
47144	<.001	<.03
47145	0.004	0.137
47146	<.001	<.03
47147	0.002	0.069
47148	<.001	<.03
47149	0.050	1.714
47150	<.001	<.03
47151	<.001	<.03
47152	<.001	<.03
47153	0.010	0.343
47154	0.010	0.343
47155	0.002	0.069
47156	<.001	<.03
47157	<.001	<.03
47158	0.018	0.617

23
~~24~~ **Splits**

Std Oxl 63	0.174	5.966
Blank	<.001	<.03

Certified Assayer:

PolyMet Laboratories

		Client:	Vault Minerals Inc.
CERTIFICATE	**8427**	Job No.	0-155

Date:
Sept. 27 / 2010

	Original		**Check**	
Sample #	**Au Oz/ton**	**g/tonne**	**Au Oz/ton**	**g/tonne**
47142	0.044	1.509	0.032	1.097

1 + 2

Certified Assayer:

PolyMet Labs
A Division of Polymet Resources Ltd.

1 Presley St, P.O. Box 699, Cobalt, Ontario, Canada P0J 1C0
Tel: (705) 679-5500 • Fax: (705) 679-5519
Email: info@polymetinc.com Website: www.polymetinc.com

Certificate of Analysis

Vault Minerals Inc.

We certify that the assay results in the following Certificates are factual and true.

Certificate #'s 8533, 8534, 8535, 8536, 8537, 8538, 8539, 8540, & 8541

Certified by: _____
Chief Assayer

Certified by: _____
President/Manager

Date: Oct. 12, 2010

Disclaimer: The results included on this report relate only to the items tested. The Certificate of Analysis should not be reproduced except in full, without the written approval of the laboratory.

PolyMet Laboratories

Client: Vault Minerals Inc.

CERTIFICATE 8533

Job No. 0-155

Date:
Oct 12/2010

Splits

Sample #	**Au Oz/ton**	**g/tonne**
27649	<.001	<.03
27650	0.006	0.206
27651	0.004	0.137
27652	0.163	5.589
27653	0.026	0.891
27654	0.012	0.411
27655	<.001	<.03
27656	<.001	<.03
27657	<.001	<.03
27658	<.001	<.03
27659	<.001	<.03
27660	<.001	<.03
27661	<.001	<.03
27662	<.001	<.03
27663	<.001	<.03
27664	<.001	<.03
27665	<.001	<.03
26416	Pend	
26417	Pend	
26418	Pend	

17 **Splits**
3 **Pend**

Std Oxl 63	0.174	5.966
Blank	<.001	<.03

Certified Assayer:

PolyMet Laboratories

Client: Vault Minerals Inc.

CERTIFICATE 8534 Job No. 0-155

Date:
Oct 12/2010

Splits

Sample #	**Au Oz/ton**	**g/tonne**
26419	Pend	
26420	Pend	
26421	0.012	0.411
26422	Pend	
26423	Pend	
26424	Pend	
26425	0.020	0.686
26426	Pend	
27666	<.001	<.03
27667	<.001	<.03
27668	<.001	<.03
27669	<.001	<.03
34647	<.001	<.03
34648	<.001	<.03
34649	<.001	<.03
34650	<.001	<.03
45301	<.001	<.03
45302	<.001	<.03
45303	<.001	<.03
45304	<.001	<.03
45305	0.002	0.069
45306	0.004	0.137

16 **Splits**
6 **Pend**

Std Oxl 63	0.174	5.966
Blank	<.001	<.03

Certified Assayer:

PolyMet Laboratories

Client: Vault Minerals Inc.

CERTIFICATE 8535

Job No. 0-155

Date:
Oct 12/2010

Splits

Sample #	**Au Oz/ton**	**g/tonne**
45307	0.026	0.891
45308	0.018	0.617
45309	<.001	<.03
45310	0.004	0.137
45311	0.004	0.137
45312	0.014	0.480
45313	0.050	1.714
45314	<.001	<.03
45315	<.001	<.03
45316	0.002	0.069
45317	<.001	<.03
45318	Pend	
45319	0.028	0.960
45320	Pend	
45321	Pend	
45322	0.004	0.137
45323	0.014	0.480
45324	Pend	
45325	Pend	
45326	<.001	<.03
45327	<.001	<.03

16 **Splits**
5 **Pend**

Std Oxl 63	0.174	5.966
Blank	<.001	<.03

Certified Assayer:

PolyMet Laboratories

Client: Vault Minerals Inc.

CERTIFICATE 8536 Job No. 0-155

Date: Oct 12/2010

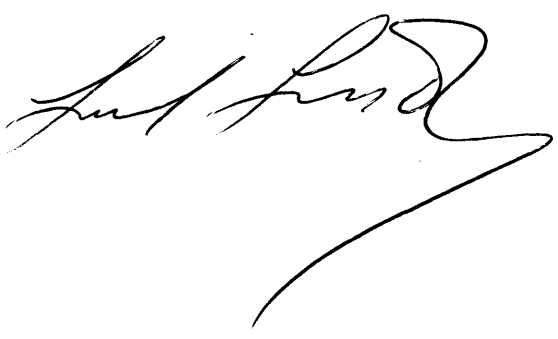
Splits

Sample #	**Au Oz/ton**	**g/tonne**
45328	<.001	<.03
45329	<.001	<.03
45330	<.001	<.03
45331	0.002	0.069
45332	<.001	<.03
45333	0.002	0.069
45334	<.001	<.03
45335	<.001	<.03
45336	<.001	<.03
45337	0.002	0.069
45338	0.002	0.069
45339	<.001	<.03
45340	<.001	<.03
45341	<.001	<.03
45342	<.001	<.03
63963	<.001	<.03
63964	<.001	<.03
63965	0.006	0.206
63966	<.001	<.03
63967	0.024	0.823
63968	0.020	0.686
63969	0.026	0.891

22 **Splits**

Std Oxl 63	0.174	5.966
Blank	<.001	<.03

Certified Assayer:



PolyMet Laboratories

Client: Vault Minerals Inc.

CERTIFICATE 8537

Job No. 0-155

Date:
Oct 12/2010

Splits

Sample #	**Au Oz/ton**	**g/tonne**
63970	0.010	0.343
63971	0.026	0.891
63972	0.004	0.137
63973	<.001	<.03
63974	0.166	5.691
47219	<.001	<.03
47220	0.020	0.686
47221	0.004	0.137
47222	0.022	0.754
47223	<.001	<.03
47224	<.001	<.03
47225	<.001	<.03
47226	<.001	<.03
47227	0.002	0.069
47228	<.001	<.03
47229	0.002	0.069
47230	<.001	<.03
47231	<.001	<.03
47232	<.001	<.03
47233	<.001	<.03
47234	<.001	<.03
47235	0.004	0.137

22 **Splits**

Std Oxl 63	0.174	5.966
Blank	<.001	<.03

Certified Assayer:

PolyMet Laboratories

Client: Vault Minerals Inc.

CERTIFICATE 8538

Job No. 0-155

Date:
Oct 12/2010

Splits

Sample #	**Au Oz/ton**	**g/tonne**
47236	<.001	<.03
47237	<.001	<.03
47238	<.001	<.03
47239	<.001	<.03
47240	<.001	<.03
47241	0.002	0.069
47242	<.001	<.03
47243	<.001	<.03
47244	<.001	<.03
47245	0.004	0.137
47246	<.001	<.03
47247	<.001	<.03
47248	<.001	<.03
47249	0.050	1.714
47250	0.002	0.069
47251	0.004	0.137
47252	0.010	0.343
47253	0.006	0.206
47254	<.001	<.03
47255	0.022	0.754
47256	0.010	0.343
47257	0.002	0.069

22 **Splits**

Std Oxl 63	0.174	5.966
Blank	<.001	<.03

Certified Assayer:

PolyMet Laboratories

Client: Vault Minerals Inc.

CERTIFICATE 8539

Job No. 0-155

Date:
Oct 12/2010

Splits

Sample #	**Au Oz/ton**	**g/tonne**
47258	0.010	0.343
47259	0.002	0.069
47260	<.001	<.03
47261	0.008	0.274
47262	<.001	<.03
47263	0.002	0.069
47264	<.001	<.03
47265	<.001	<.03
47266	<.001	<.03
47267	0.028	0.960
47268	<.001	<.03
47269	0.006	0.206
47270	<.001	<.03
47271	<.001	<.03
47272	<.001	<.03
47273	0.146	5.006
47274	<.001	<.03
47275	0.012	0.411
47276	<.001	<.03
47277	<.001	<.03
47278	0.002	0.069
47279	0.002	0.069

22 **Splits**

Std Oxl 63	0.176	6.034
Blank	<.001	<.03

Certified Assayer:

PolyMet Laboratories

Client: Vault Minerals Inc.

CERTIFICATE 8540

Job No. 0-155

Date:
Oct 12/2010

Splits

Sample #	**Au Oz/ton**	**g/tonne**
47280	0.010	0.343
47281	0.028	0.960
47282	<.001	<.03
47283	<.001	<.03
47284	0.002	0.069
47285	<.001	<.03
47286	0.004	0.137
47287	0.002	0.069
47288	0.002	0.069
47289	0.008	0.274
47290	<.001	<.03
47306	<.001	<.03
47307	0.016	0.549
47308	0.004	0.137
47291	0.006	0.206
47292	0.002	0.069
47293	0.053	1.817
47294	0.024	0.823
47295	<.001	<.03
47296	<.001	<.03

20 **Splits**

Std Oxl 63	0.176	6.034
Blank	<.001	<.03

Certified Assayer:

PolyMet Laboratories

		Client:	Vault Minerals Inc.
CERTIFICATE	**8541**	Job No.	0-155

Date:
Oct. 12 / 2010

	Original		**Check**	
Sample #	**Au Oz/ton**	**g/tonne**	**Au Oz/ton**	**g/tonne**
26416	0.064	2.194	0.068	2.331
26417	0.054	1.851	0.044	1.509
26418	0.052	1.783	0.052	1.783
26419	1.354	46.423	1.188	40.732
26420	0.650	22.286	0.590	20.229
26422	0.232	7.954	0.222	7.611
26423	0.074	2.537	0.060	2.057
26424	0.036	1.234	0.040	1.371
26426	0.150	5.143	0.150	5.143
45318	0.030	1.029	0.036	1.234
45320	0.086	2.949	0.090	3.086
45321	0.048	1.646	0.044	1.509
45324	0.150	5.143	0.094	3.223
45325	0.094	3.223	0.102	3.497

14 + 28

Certified Assayer:

PolyMet Labs
A Division of Polymet Resources Ltd.

1 Presley St, P.O. Box 699, Cobalt, Ontario, Canada P0J 1C0
Tel: (705) 679-5500 • Fax: (705) 679-5519
Email: info@polymetinc.com Website: www.polymetinc.com

Certificate of Analysis

Vault Minerals Inc.

We certify that the assay results in the following Certificates are factual and true.

Certificate #'s 8654, 8655, 8656, 8657, 8658, 8659, 8660, 8661, & 8662

Certified by: _____
Assayer

Certified by: _____
President/Manager

Date: Oct. 25, 2010

Disclaimer: The results included on this report relate only to the items tested. The Certificate of Analysis should not be reproduced except in full, without the written approval of the laboratory.

PolyMet Laboratories

Client: Vault Minerals Inc.

CERTIFICATE 8654 Job No. 0-155

Date:
Oct. 25, 2010

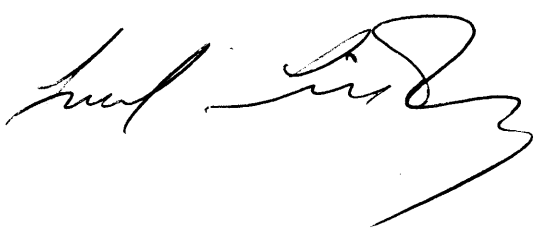
Splits

Sample #	**Au Oz/ton**	**g/tonne**
47342	0.002	0.069
47343	<.001	<.03
47344	0.002	0.069
47345	0.002	0.069
47346	<.001	<03
47357	0.004	0.137
47347	0.004	0.137
47348	<.001	<.03

8 **Splits**

Std Oxl 78	0.178	6.103
Blank	<.001	<.03

Certified Assayer:



PolyMet Laboratories

Client: Vault Minerals Inc.

CERTIFICATE 8655 Job No. 0-155

Date:
Oct. 25, 2010

Splits

Sample #	**Au Oz/ton**	**g/tonne**
47349	0.002	0.069
47350	0.051	1.749
47351	<.001	<.03
47352	0.028	0.960
47353	<.001	<.03
47354	0.002	0.069
47355	0.010	0.343
47356	0.022	0.754
47358	<.001	<.03
47359	0.002	0.069
47360	0.006	0.206
47361	<.001	<.03
47362	0.002	0.069
47363	0.006	0.206
47364	0.012	0.411
47365	0.002	0.069
47366	<.001	<.03
47367	0.010	0.343
47368	<.001	<.03
47369	<.001	<.03
47370	0.002	0.069
47371	0.008	0.274

22 **Splits**

Std Oxl 78	0.172	5.897
Blank	<.001	<.03

Certified Assayer:

PolyMet Laboratories

Client: Vault Minerals Inc.

CERTIFICATE 8656

Job No. 0-155

Date:
Oct. 25, 2010

Splits

Sample #	**Au Oz/ton**	**g/tonne**
47372	0.014	0.480
47373	0.028	0.960
47374	<.001	<.03
47375	0.024	0.823
47376	0.010	0.343
47377	0.012	0.411
47378	<.001	<.03
47379	0.155	5.314
47380	0.016	0.549
47381	0.022	0.754
47382	0.028	0.960
47383	0.004	0.137
47384	0.010	0.343
47385	<.001	<.03
47386	<.001	<.03
47387	<.001	<.03
47388	<.001	<.03
47389	<.001	<.03
47390	<.001	<.03
47391	<.001	<.03
47392	<.001	<.03

21 **Splits**

Std Oxl 78	0.176	6.034
Blank	<.001	<.03

Certified Assayer:

PolyMet Laboratories

Client: Vault Minerals Inc.

CERTIFICATE 8657 Job No. 0-155

Date:
Oct. 25, 2010

Splits

Sample #	**Au Oz/ton**	**g/tonne**
47393	0.004	0.137
47394	0.008	0.274
47395	<.001	<.03
47396	<.001	<.03
47397	<.001	<.03
47398	0.006	0.206
47399	<.001	<.03
47400	<.001	<.03
47401	0.051	1.749
47402	0.020	0.686
47403	0.012	0.411
47404	0.024	0.823
47405	0.012	0.411
47406	0.002	0.069
47407	<.001	<.03
47408	<.001	<.03
47409	<.001	<.03
47410	0.020	0.686
47411	0.002	0.069
47412	0.002	0.069
47413	<.001	<.03
47414	0.004	0.137

22 **Splits**

Std Oxl 78	0.176	6.034
Blank	<.001	<.03

Certified Assayer:

PolyMet Laboratories

Client: Vault Minerals Inc.

CERTIFICATE 8658

Job No. 0-155

Date:
Oct. 25, 2010

Splits

Sample #	**Au Oz/ton**	**g/tonne**
47415	0.008	0.274
47416	0.026	0.891
47417	0.002	0.069
47418	0.012	0.411
47419	<.001	<.03
47420	<.001	<.03
47421	<.001	<.03
47422	<.001	<.03
47423	<.001	<.03
47424	<.001	<.03
47425	0.002	0.069
47426	0.170	5.829
47427	0.008	0.274
47428	0.002	0.069
47429	<.001	<.03
47430	<.001	<.03
47431	0.014	0.480
47432	<.001	<.03
47433	0.002	0.069
47434	<.001	<.03
47435	<.001	<.03

21 **Splits**

Std Oxl 78	0.178	6.103
Blank	<.001	<.03

Certified Assayer:

PolyMet Laboratories

Client: Vault Minerals Inc.

CERTIFICATE 8659

Job No. 0-155

Date:
Oct. 25, 2010

Splits

Sample #	**Au Oz/ton**	**g/tonne**
47436	<.001	<.03
47437	<.001	<.03
47438	<.001	<.03
47439	<.001	<.03
47440	<.001	<.03
47441	<.001	<.03
47442	<.001	<.03
47443	<.001	<.03
47444	0.016	0.549
47445	<.001	<.03
47446	<.001	<.03
47447	0.002	0.069
47448	0.050	1.714
47449	0.002	0.069
47450	0.002	0.069
47451	<.001	<.03
47452	<.001	<.03
47453	<.001	<.03
47454	<.001	<.03
47455	<.001	<.03
47456	0.002	0.069
47457	<.001	<.03

22 **Splits**

Std Oxl 78	0.178	6.103
Blank	<.001	<.03

Certified Assayer:

PolyMet Laboratories

Client: Vault Minerals Inc.

CERTIFICATE 8660 Job No. 0-155

Date:
Oct. 25, 2010

Splits

Sample #	**Au Oz/ton**	**g/tonne**
47458	<.001	0.030
47459	0.002	0.069
47460	<.001	0.030
47461	<.001	0.030
47462	<.001	0.030
47463	<.001	0.030
47464	0.008	0.274
47465	<.001	0.030
47466	<.001	0.030
47467	<.001	0.030
47468	<.001	0.030
47469	<.001	0.030
47470	0.008	0.274
47471	<.001	0.030
47472	0.002	0.069
47473	<.001	0.030
47474	0.006	0.206
47475	0.008	0.274
47476	0.165	5.657
47477	0.010	0.343
47478	0.008	0.274
47479	Pend	0.030

21 **Splits**
1 **Pend**

Std Oxl 78	0.180	6.171
Blank	<.001	<.03

Certified Assayer:

PolyMet Laboratories

Client: Vault Minerals Inc.

CERTIFICATE 8661 Job No. 0-155

Date:
Oct. 25, 2010

Splits

Sample #	**Au Oz/ton**	**g/tonne**
47480	<.001	<.03
47481	0.010	0.343
47482	0.004	0.137
47483	Pend	
47484	Pend	
47485	<.001	<.03
47486	0.024	0.823
47487	<.001	<.03
47488	Pend	
47489	Pend	
47490	Pend	
47491	0.022	0.754
47492	0.012	0.411
47493	0.012	0.411
47494	<.001	<.03
47495	0.014	0.480
47496	0.002	0.069
47497	0.006	0.206
47498	0.018	0.617
47499	0.020	0.686
47500	0.052	1.783
47501	0.018	0.617
47502	Pend	
47503	0.160	5.486
47504	0.008	0.274

19 **Splits**
6 **Pend**

Std Oxl 78	0.180	6.171
Blank	<.001	<.03

Certified Assayer:

PolyMet Laboratories

		Client:	Vault Minerals Inc.
CERTIFICATE	**8662**	Job No.	0-155

Date:
Oct. 25, 2010

	Original		**Check**	
Sample #	**Au Oz/ton**	**g/tonne**	**Au Oz/ton**	**g/tonne**
47479	0.038	1.303	0.030	1.029
47483	0.066	2.263	0.056	1.920
47484	0.034	1.166	0.032	1.097
47488	0.052	1.783	0.054	1.851
47489	0.110	3.771	0.098	3.360
47490	0.034	1.166	0.030	1.029
48502	0.060	2.057	0.052	1.783

7 + 14

Certified Assayer:

PolyMet Labs
A Division of Polymet Resources Ltd.

1 Presley St, P.O. Box 699, Cobalt, Ontario, Canada P0J 1C0
Tel: (705) 679-5500 • Fax: (705) 679-5519
Email: info@polymetinc.com Website: www.polymetinc.com

Certificate of Analysis

Vault Minerals Inc.

We certify that the assay results in the following Certificates are factual and true.

Certificate #'s 8668, 8669, 8670, 8671, 8672, 8673, 8674, 8675, & 8676

Certified by: _____
Assayer

Certified by: _____
President/Manager

Date: Oct. 26, 2010

Disclaimer: The results included on this report relate only to the items tested. The Certificate of Analysis should not be reproduced except in full, without the written approval of the laboratory.

PolyMet Laboratories

Client: Vault Minerals Inc.

CERTIFICATE 8668 Job No. 0-155

Date:
Oct. 26, 2010

Splits

Sample #	**Au Oz/ton**	**g/tonne**
45534	<.001	<.03
45535	<.001	<.03
45536	0.049	1.680
45537	0.012	0.411
45538	<.001	<.03
45539	<.001	<.03
45540	<.001	<.03
45541	<.001	<.03
45542	Pend	
45543	<.001	<.03
45544	<.001	<.03
45545	<.001	<.03
45546	<.001	<.03
45547	<.001	<.03
45548	<.001	<.03
45549	<.001	<.03
45550	<.001	<.03
45551	<.001	<.03
45552	<.001	<.03
45553	<.001	<.03
45554	<.001	<.03

20 **Splits**
1 **Pend**

Std OxL 78	0.172	5.897
Blank	<.001	<.03

Certified Assayer:

PolyMet Laboratories

Client: Vault Minerals Inc.

CERTIFICATE 8669

Job No. 0-155

Date:
Oct. 26, 2010

Splits

Sample #	**Au Oz/ton**	**g/tonne**
45555	<.001	<.03
45556	Pend	
45557	0.020	0.686
45558	0.014	0.480
45559	0.022	0.754
45560	0.002	0.069
45561	0.020	0.686
45562	<.001	<.03
45563	0.012	0.411
45564	0.006	0.206
45565	<.001	<.03
45566	<.001	<.03
45567	<.001	<.03
45568	<.001	<.03
45569	<.001	<.03
45570	<.001	<.03
45571	0.028	0.960
45572	<.001	<.03
45573	<.001	<.03
45574	<.001	<.03
45575	0.157	5.383
45576	<.001	<.03

21 **Splits**
1 **Pend**

Std OxL 78	0.172	5.897
Blank	<.001	<.03

Certified Assayer:

PolyMet Laboratories

Client: Vault Minerals Inc.

CERTIFICATE 8670 Job No. 0-155

Date:
Oct. 26, 2010

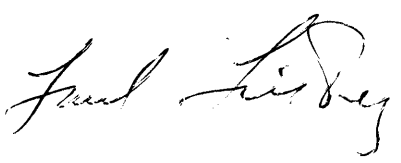
Splits

Sample #	**Au Oz/ton**	**g/tonne**
45577	<.001	<.03
45578	<.001	<.03
45579	<.001	<.03
45580	<.001	<.03
45581	<.001	<.03
45582	0.012	0.411
45583	<.001	<.03
45584	<.001	<.03
45585	<.001	<.03
45586	<.001	<.03
45587	0.002	0.069
45588	<.001	<.03
45589	<.001	<.03
45590	<.001	<.03
45591	<.001	<.03
45592	<.001	<.03
45593	<.001	<.03
45594	<.001	<.03
45595	0.026	0.891
45596	<.001	<.03
45597	<.001	<.03

21 **Splits**

Std OxL 78	0.174	5.966
Blank	<.001	<.03

Certified Assayer:



PolyMet Laboratories

Client: Vault Minerals Inc.

CERTIFICATE 8671 Job No. 0-155

Date:
Oct. 26, 2010

Splits

Sample #	**Au Oz/ton**	**g/tonne**
45598	<.001	<.03
45599	0.048	1.646
45600	<.001	<.03
45601	<.001	<.03
45602	<.001	<.03
45603	<.001	<.03
45604	<.001	<.03
45605	<.001	<.03
45606	<.001	<.03
45607	<.001	<.03
45608	<.001	<.03
45609	<.001	<.03
45610	<.001	<.03
45611	0.016	0.549
45612	<.001	<.03
45613	0.002	0.069
45614	<.001	<.03
45615	<.001	<.03
45616	<.001	<.03
45617	<.001	<.03
45618	<.001	<.03
45619	0.164	5.623

22 **Splits**

Std OxL 78	0.174	5.966
Blank	<.001	<.03

Certified Assayer:

PolyMet Laboratories

Client: Vault Minerals Inc.

CERTIFICATE 8672 Job No. 0-155

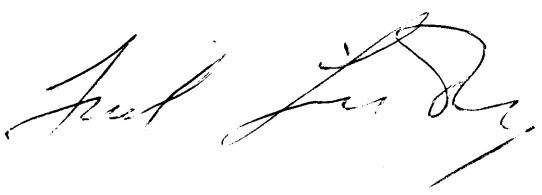
Date: **Splits**
Oct. 26, 2010

Sample #	**Au Oz/ton**	**g/tonne**
45620	<.001	<.03
45621	<.001	<.03
45622	<.001	<.03
45623	<.001	<.03
45624	<.001	<.03
45625	<.001	<.03
45626	<.001	<.03
45627	<.001	<.03
45628	<.001	<.03
45629	<.001	<.03
45630	<.001	<.03
45631	<.001	<.03
45632	<.001	<.03
45633	<.001	<.03
45634	<.001	<.03
45635	<.001	<.03
45636	<.001	<.03
45637	<.001	<.03
45638	<.001	<.03
45639	0.002	0.069
45640	<.001	<.03
45641	0.002	0.069

22 **Splits**

Std OxL 78	0.176	6.034
Blank	<.001	<.03

Certified Assayer:



PolyMet Laboratories

Client: Vault Minerals Inc.

CERTIFICATE 8673 Job No. 0-155

Date:
Oct. 26, 2010

Splits

Sample #	**Au Oz/ton**	**g/tonne**
45642	0.028	0.960
45643	0.052	1.783
45644	0.012	0.411
45645	0.026	0.891
45646	<.001	<.03
45647	Pend	
45648	0.004	0.137
45649	<.001	<.03
45650	0.012	0.411
45651	<.001	<.03
45652	0.006	0.206
45653	<.001	<.03
45654	<.001	<.03
45655	<.001	<.03
45656	<.001	<.03
45657	<.001	<.03
45658	<.001	<.03
45659	<.001	<.03
45660	<.001	<.03
45661	<.001	<.03
45662	<.001	<.03

20 **Splits**
1 **Pend**

Std OxL 78	0.176	6.034
Blank	<.001	<.03

Certified Assayer:



PolyMet Laboratories

Client: Vault Minerals Inc.

CERTIFICATE 8674 Job No. 0-155

Date:
Oct. 26, 2010

Splits

Sample #	**Au Oz/ton**	**g/tonne**
45663	<.001	<.03
45664	<.001	<.03
45665	<.001	<.03
45666	<.001	<.03
45667	<.001	<.03
45668	<.001	<.03
45669	<.001	<.03
45670	<.001	<.03
45671	0.164	5.623
45673	<.001	<.03
45674	0.006	0.206
45675	0.018	0.617
45676	<.001	<.03
45677	0.053	1.817
45678	0.018	0.617
45679	0.028	0.960
45680	Pend	
45681	<.001	<.03
45682	0.014	0.480
45683	<.001	<.03
45684	<.001	<.03
45685	<.001	<.03

21 **Splits**
1 **Pend**

Std OxL 78	0.170	5.829
Blank	<.001	<.03

Certified Assayer:

PolyMet Laboratories

Client: Vault Minerals Inc.

CERTIFICATE 8675

Job No. 0-155

Date:
Oct. 26, 2010

Splits

Sample #	**Au Oz/ton**	**g/tonne**
45686	<.001	<.03
45687	<.001	<.03
45688	0.002	0.069
45689	0.028	0.960
45690	<.001	<.03
45691	0.002	0.069
45692	0.002	0.069
45693	<.001	<.03
45694	0.162	5.554
45695	0.008	0.274
45696	0.008	0.274
45697	<.001	<.03
45698	Pend	
45699	Pend	
45700	<.001	<.03
45701	0.002	0.069

14 **Splits**
2 **Pend**

Std OxL 78	0.170	5.829
Blank	<.001	<.03

Certified Assayer:



PolyMet Laboratories

		Client:	Vault Minerals Inc.
CERTIFICATE	**8676**	Job No.	0-155

Date:
Oct. 26, 2010

	Original		**Check**	
Sample #	**Au Oz/ton**	**g/tonne**	**Au Oz/ton**	**g/tonne**
45542	0.284	9.737	0.280	9.600
45556	0.052	1.783	0.072	2.469
45647	0.048	1.646	0.052	1.783
45680	0.058	1.989	0.062	2.126
45698	0.040	1.371	0.056	1.920
45699	0.128	4.389	0.138	4.731

6 + 12

Certified Assayer:

PolyMet Labs
A Division of Polymet Resources Ltd.

1 Presley St, P.O. Box 699, Cobalt, Ontario, Canada P0J 1C0
Tel: (705) 679-5500 • Fax: (705) 679-5519
Email: info@polymetinc.com Website: www.polymetinc.com

Certificate of Analysis

Vault Minerals Inc.

We certify that the assay results in the following Certificates are factual and true.

Certificate #'s 8770, 8771, 8772, 8773, 8774, 8775, 8776, 8777, 8778, & 8779

Certified by: _____
Assistant Chief Assayer

Certified by: _____
President/Manager

Date: Nov. 2, 2010

Disclaimer: The results included on this report relate only to the items tested. The Certificate of Analysis should not be reproduced except in full, without the written approval of the laboratory.

PolyMet Laboratories

Client: Vault Minerals Inc.

CERTIFICATE 8770

Job No. 0-155

Date:
Nov. 2, 2010

Splits

Sample #	**Au Oz/ton**	**g/tonne**
48505	<.001	<.03
48506	0.004	0.137
48507	<.001	<.03
48508	<.001	<.03
48509	<.001	<.03
48510	0.002	0.069
48511	<.001	<.03
48512	0.008	0.274
48513	<.001	<.03
48514	<.001	<.03
48515	<.001	<.03
48516	<.001	<.03
48517	<.001	<.03
48518	<.001	<.03

14 Splits

Std OxL 78	0.168	5.760
Blank	<.001	<.03

Certified Assayer:

PolyMet Laboratories

Client: Vault Minerals Inc.

CERTIFICATE 8771 Job No. 0-155

Date:
Nov. 2, 2010

Splits

Sample #	**Au Oz/ton**	**g/tonne**
48519	<.001	<.03
48520	<.001	<.03
48521	<.001	<.03
48522	<.001	<.03
48523	<.001	<.03
48524	<.001	<.03
48525	<.001	<.03
48526	<.001	<.03
48527	<.001	<.03
48528	<.001	<.03
48529	<.001	<.03
48530	<.001	<.03
48531	0.164	5.623
48532	<.001	<.03
48533	<.001	<.03
48534	<.001	<.03
48535	<.001	<.03
48536	<.001	<.03
48537	<.001	<.03
48538	<.001	<.03
48539	<.001	<.03

21 **Splits**

Std OxL 78	0.176	6.034
Blank	<.001	<.03

Certified Assayer:



PolyMet Laboratories

Client: Vault Minerals Inc.

CERTIFICATE 8772

Job No. 0-155

Date:
Nov. 2, 2010

Splits

Sample #	**Au Oz/ton**	**g/tonne**
48540	<.001	<.03
48541	<.001	<.03
48542	<.001	<.03
48543	<.001	<.03
48544	0.010	0.343
48545	<.001	<.03
48546	0.006	0.206
48547	<.001	<.03
48548	0.004	0.137
48549	<.001	<.03
48550	<.001	<.03
48551	<.001	<.03
48552	<.001	<.03
48553	0.050	1.714
48554	<.001	<.03
48555	<.001	<.03
48556	<.001	<.03
48557	<.001	<.03
48558	<.001	<.03
48559	<.001	<.03
48560	<.001	<.03
48561	0.004	0.137

22 **Splits**

Std OxL 78	0.176	6.034
Blank	<.001	<.03

Certified Assayer:

PolyMet Laboratories

Client: Vault Minerals Inc.

CERTIFICATE 8773

Job No. 0-155

Date:
Nov. 2, 2010

Splits

Sample #	**Au Oz/ton**	**g/tonne**
48562	<.001	<.03
48563	<.001	<.03
48564	<.001	<.03
48565	<.001	<.03
48566	<.001	<.03
48567	<.001	<.03
48568	<.001	<.03
48569	<.001	<.03
48570	<.001	<.03
48571	<.001	<.03
48572	<.001	<.03
48573	Pend	
48574	<.001	<.03
48575	0.008	0.274
48576	<.001	<.03
48577	<.001	<.03
48578	0.006	0.206
48579	<.001	<.03
48580	<.001	<.03
48581	<.001	<.03
48582	<.001	<.03

20 **Splits**
1 **Pend**

Std OxL 78	0.174	5.966
Blank	<.001	<.03

Certified Assayer:

PolyMet Laboratories

Client: Vault Minerals Inc.

CERTIFICATE 8774 Job No. 0-155

Date: Nov. 2, 2010

Splits

Sample #	**Au Oz/ton**	**g/tonne**
48583	<.001	<.03
48584	<.001	<.03
48585	0.002	0.069
48586	<.001	<.03
48587	<.001	<.03
48588	0.004	0.137
48589	0.002	0.069
48590	0.164	5.623
48591	0.002	0.069
48592	<.001	<.03
48593	0.004	0.137
48594	<.001	<.03
48595	0.008	0.274
48596	0.006	0.206
48597	<.001	<.03
48598	0.002	0.069
48599	<.001	<.03
48600	0.008	0.274
48601	0.002	0.069
48602	0.014	0.480
48603	<.001	<.03
48604	<.001	<.03

22 **Splits**

Std OxL 78	0.174	5.966
Blank	<.001	<.03

Certified Assayer:

PolyMet Laboratories

Client: Vault Minerals Inc.

CERTIFICATE 8775

Job No. 0-155

Date:
Nov. 2, 2010

Splits

Sample #	**Au Oz/ton**	**g/tonne**
48605	0.048	1.646
48606	0.018	0.617
48607	<.001	<.03
48608	<.001	<.03
48609	0.004	0.137
48610	<.001	<.03
48611	<.001	<.03
48612	<.001	<.03
48613	<.001	<.03
48614	<.001	<.03
48615	<.001	<.03
48616	<.001	<.03
48617	<.001	<.03
48618	<.001	<.03
48619	<.001	<.03
48620	<.001	<.03
48621	<.001	<.03
48622	<.001	<.03
48623	Pend	
48624	0.002	0.069
48625	<.001	<.03
48626	<.001	<.03

21 **Splits**
1 **Pend**

Std OxL 78	0.176	6.034
Blank	<.001	<.03

Certified Assayer:

PolyMet Laboratories

Client: Vault Minerals Inc.

CERTIFICATE 8776

Job No. 0-155

Date:
Nov. 2, 2010

Splits

Sample #	**Au Oz/ton**	**g/tonne**
48627	<.001	<.03
48628	<.001	<.03
48629	<.001	<.03
48630	<.001	<.03
48631	0.159	5.451
48632	<.001	<.03
48633	0.002	0.069
48634	<.001	<.03
48635	0.006	0.206
48636	0.004	0.137
48637	0.006	0.206
48638	<.001	<.03
48639	<.001	<.03
48640	0.022	0.754
48641	<.001	<.03
48642	<.001	<.03
48643	<.001	<.03
48644	<.001	<.03
48645	<.001	<.03
48646	<.001	<.03
48647	0.006	0.206

21 **Splits**

Std OxL 78	0.176	6.034
Blank	<.001	<.03

Certified Assayer:

PolyMet Laboratories

Client: Vault Minerals Inc.

CERTIFICATE 8777

Job No. 0-155

Date:
Nov. 2, 2010

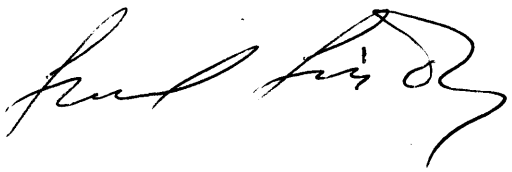
Splits

Sample #	**Au Oz/ton**	**g/tonne**
48648	0.008	0.274
48649	<.001	<.03
48650	0.002	0.069
48651	0.004	0.137
48652	<.001	<.03
48653	0.010	0.343
48654	0.012	0.411
48655	<.001	<.03
48656	0.014	0.480
48657	0.008	0.274
48658	<.001	<.03
48659	0.014	0.480
48660	<.001	<.03
48661	0.050	1.714
48662	<.001	<.03
48663	<.001	<.03
48664	0.002	0.069
48665	<.001	<.03
48666	<.001	<.03
48667	<.001	<.03
48668	<.001	<.03
48669	<.001	<.03

22 **Splits**

Std OxL 78	0.176	6.034
Blank	<.001	<.03

Certified Assayer:



PolyMet Laboratories

Client: Vault Minerals Inc.

CERTIFICATE 8778 Job No. 0-155

Date: Nov. 2, 2010

Splits

Sample #	**Au Oz/ton**	**g/tonne**
48670	<.001	<.03
48671	0.014	0.480
48672	<.001	<.03
48673	<.001	<.03
48674	0.006	0.206
48675	<.001	<.03
48676	<.001	<.03
48677	<.001	<.03
48678	<.001	<.03
48679	<.001	<.03
48680	0.002	0.069

11 **Splits**

Std OxL 78	0.176	6.034
Blank	<.001	<.03

Certified Assayer:



PolyMet Laboratories

		Client:	Vault Minerals Inc.
CERTIFICATE	**8779**	Job No.	0-155

Date:
Nov. 2, 2010

	Original		**Check**	
Sample #	**Au Oz/ton**	**g/tonne**	**Au Oz/ton**	**g/tonne**
48573	0.756	25.920	0.594	20.366
48623	0.036	1.234	0.042	1.440

2 + 4

Certified Assayer:

PolyMet Labs
A Division of Polymet Resources Ltd.

1 Presley St, P.O. Box 699, Cobalt, Ontario, Canada P0J 1C0
Tel: (705) 679-5500 • Fax: (705) 679-5519
Email: info@polymetinc.com Website: www.polymetinc.com

Certificate of Analysis

Vault Minerals Inc.

We certify that the assay results in the following Certificates are factual and true.

Certificate #'s 8829, 8830, 8831, 8832, 8833, 8834, 8835, 8836, 8837, & 8838

Certified by: _____
Chief Assayer

Certified by: _____
President/Manager

Date: Nov. 8, 2010

Disclaimer: The results included on this report relate only to the items tested. The Certificate of Analysis should not be reproduced except in full, without the written approval of the laboratory.

PolyMet Laboratories

Client: Vault Minerals Inc.

CERTIFICATE 8829 Job No. 0-155

Date:
Nov. 8, 2010

Splits

Sample #	**Au Oz/ton**	**g/tonne**
45802	0.002	0.069
45803	0.018	0.617
45804	0.164	5.623
45805	<.001	<.03
45806	Pend	
45807	<.001	<.03
45808	0.028	0.960
45809	Pend	
45810	<.001	<.03
45811	0.002	0.069
45812	Pend	
45813	Pend	
45814	Pend	
45815	0.002	0.069
45816	Pend	
45817	Pend	

Std OxL 78	0.178	6.103
Blank	<.001	<.03

9 **Splits**
7 **Pend**

Certified Assayer:

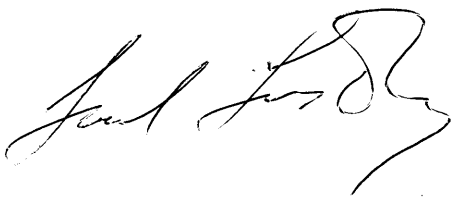
PolyMet Laboratories

		Client:	Vault Minerals Inc.
CERTIFICATE	**8830**	Job No.	0-155

Date:
Nov. 8, 2010

	Original		**Check**	
Sample #	**Au Oz/ton**	**g/tonne**	**Au Oz/ton**	**g/tonne**
45806	0.144	4.937	0.178	6.103
45809	0.042	1.440	0.030	1.029
45812	0.046	1.577	0.038	1.303
45813	0.036	1.234	0.032	1.097
45814	0.048	1.646	0.046	1.577
45816	0.140	4.800	0.156	5.349
45817	0.060	2.057	0.062	2.126

7 + 14

Certified Assayer: 

PolyMet Laboratories

Client: Vault Minerals Inc.

CERTIFICATE 8831 Job No. 0-155

Date:
Nov. 9, 2010

Splits

Sample #	**Au Oz/ton**	**g/tonne**
45818	0.010	0.343
45819	Pend	
45820	Pend	
45821	Pend	
45822	Pend	
45823	Pend	
45824	Pend	
45825	0.010	0.343
45826	Pend	
45827	Pend	
45828	Pend	
45829	0.004	0.137
45830	Pend	
45831	Pend	
45832	<.001	<.03
45833	Pend	
45834	Pend	
45835	0.002	0.069
45836	Pend	
45837	0.051	1.749
45838	0.012	0.411
45839	Pend	

7 **Splits**
15 **Pend**

Std OxL 78	0.178	6.103
Blank	<.001	<.03

Certified Assayer:

PolyMet Laboratories

Client: Vault Minerals Inc.

CERTIFICATE 8832 Job No. 0-155

Date:
Nov. 9, 2010

Splits

Sample #	**Au Oz/ton**	**g/tonne**
45840	Pend	
45841	0.004	0.137
45842	Pend	
45843	0.002	0.069
45844	<.001	<.03
45845	0.006	0.206
45846	0.008	0.274
45847	<.001	<.03
45848	0.004	0.137
45849	0.014	0.480
45850	0.008	0.274
45851	<.001	<.03
45852	<.001	<.03
45853	Pend	
45854	Pend	
45855	0.010	0.343
45856	<.001	<.03
45857	0.004	0.137
45858	<.001	<.03
45859	<.001	<.03
45860	0.168	5.760
45861	<.001	<.03

18 **Splits**
4 **Pend**

Std OxL 78	0.178	6.103
Blank	<.001	<.03

Certified Assayer:

PolyMet Laboratories

Client: Vault Minerals Inc.

CERTIFICATE 8833

Job No. 0-155

Date:
Nov. 9, 2010

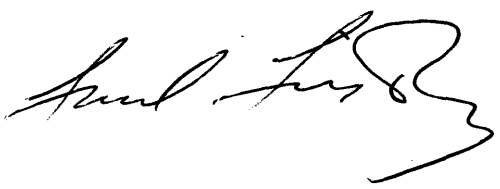
Splits

Sample #	**Au Oz/ton**	**g/tonne**
45862	<.001	<.03
45863	<.001	<.03
45864	0.002	0.069
45865	<.001	<.03
45866	<.001	<.03
45867	<.001	<.03
45868	<.001	<.03
45869	<.001	<.03
45870	<.001	<.03
45871	<.001	<.03
45872	<.001	<.03
45873	<.001	<.03
45874	0.050	1.714
45875	0.002	0.069
45876	0.014	0.480
45877	<.001	<.03
45878	<.001	<.03
45879	<.001	<.03
45880	0.002	0.069
45881	0.004	0.137
45882	<.001	<.03

21 **Splits**

Std OxL 78	0.178	6.103
Blank	<.001	<.03

Certified Assayer:



PolyMet Laboratories

Client: Vault Minerals Inc.

CERTIFICATE 8834

Job No. 0-155

Date:
Nov. 9, 2010

Splits

Sample #	**Au Oz/ton**	**g/tonne**
45883	<.001	<.03
45884	0.002	0.069
45885	<.001	<.03
45886	Pend	
45887	0.002	0.069
45888	0.166	5.691
45889	<.001	<.03
45890	0.024	0.823
45891	0.008	0.274
45892	0.008	0.274
45893	0.026	0.891
45894	0.020	0.686
45895	0.018	0.617
45896	Pend	
45897	<.001	<.03
45898	<.001	<.03
45899	<.001	<.03
45900	<.001	<.03
45901	<.001	<.03
45902	0.006	0.206
45903	0.049	1.680
45904	Pend	

19 **Splits**
3 **Pend**

Std OxL 78	0.178	6.103
Blank	<.001	<.03

Certified Assayer:



PolyMet Laboratories

Client: Vault Minerals Inc.

CERTIFICATE 8835

Job No. 0-155

Date:
Nov. 9, 2010

Splits

Sample #	**Au Oz/ton**	**g/tonne**
45905	Pend	
45906	<.001	<.03
45907	Pend	
45908	Pend	
45909	Pend	
45910	0.012	0.411
45911	0.020	0.686
45912	0.026	0.891
45913	Pend	
45914	<.001	<.03
45915	0.002	0.069
45916	<.001	<.03
45917	0.008	0.274
45918	0.010	0.343
45919	<.001	<.03
45920	0.002	0.069
45921	0.002	0.069
45922	Pend	
45923	0.010	0.343
45924	<.001	<.03
45925	<.001	<.03
45926	0.002	0.069

16 **Splits**
6 **Pend**

Std OxL 78	0.174	5.966
Blank	<.001	<.03

Certified Assayer:



PolyMet Laboratories

Client: Vault Minerals Inc.

CERTIFICATE 8836 Job No. 0-155

Date:
Nov. 9, 2010

Splits

Sample #	**Au Oz/ton**	**g/tonne**
45927	<.001	<.03
45928	<.001	<.03
45929	0.002	0.069
45930	0.164	5.623
45931	0.002	0.069
45932	0.002	0.069
45933	0.006	0.206
45934	0.010	0.343
45935	<.001	<.03
45936	0.004	0.137
45937	0.006	0.206
45938	0.006	0.206
45939	0.002	0.069
45940	Pend	
45941	Pend	
45942	0.008	0.274
45943	0.004	0.137
45944	<.001	<.03

16
~~17~~ **Splits**
2 **Pend**

Std OxL 78	0.174	5.966
Blank	<.001	<.03

Certified Assayer:

PolyMet Laboratories

Client: Vault Minerals Inc.

CERTIFICATE **8837**

Job No. 0-155

Date:
Nov. 9, 2010

	Original		Check	
Sample #	**Au Oz/ton**	**g/tonne**	**Au Oz/ton**	**g/tonne**
45819	0.060	2.057	0.058	1.989
45820	0.162	5.554	0.150	5.143
45821	0.064	2.194	0.058	1.989
45822	0.116	3.977	0.116	3.977
45823	0.150	5.143	0.142	4.869
45824	0.150	5.143	0.090	3.086
45826	0.088	3.017	0.080	2.743
45827	0.128	4.389	0.138	4.731
45828	0.106	3.634	0.096	3.291
45830	0.094	3.223	0.074	2.537
45831	0.704	24.137	0.610	20.914
45833	0.126	4.320	0.134	4.594
45834	0.100	3.429	0.094	3.223
45836	0.072	2.469	0.064	2.194
45839	0.040	1.371	0.030	1.029
45840	0.052	1.783	0.046	1.577
45842	0.054	1.851	0.050	1.714
45853	0.076	2.606	0.078	2.674
45854	0.144	4.937	0.130	4.457

19 + 38

Certified Assayer:

PolyMet Laboratories

		Client:	Vault Minerals Inc.
CERTIFICATE	**8838**	Job No.	0-155

Date:
Nov. 9, 2010

	Original		**Check**	
Sample #	**Au Oz/ton**	**g/tonne**	**Au Oz/ton**	**g/tonne**
45886	0.072	2.469	0.076	2.606
45896	0.048	1.646	0.036	1.234
45904	0.040	1.371	0.038	1.303
45905	0.138	4.731	0.110	3.771
45907	0.046	1.577	0.044	1.509
45908	0.036	1.234	0.032	1.097
45909	0.066	2.263	0.072	2.469
45913	0.256	8.777	0.186	6.377
45922	0.038	1.303	0.052	1.783
45940	0.032	1.097	0.046	1.577
45941	0.032	1.097	0.034	1.166

11 + 22

Certified Assayer:

PolyMet Labs
A Division of Polymet Resources Ltd.

1 Presley St, P.O. Box 699, Cobalt, Ontario, Canada P0J 1C0
Tel: (705) 679-5500 • Fax: (705) 679-5519
Email: info@polymetinc.com Website: www.polymetinc.com

Certificate of Analysis

Vault Minerals Inc.

We certify that the assay results in the following Certificates are factual and true.

Certificate #'s 8851, 8852, 8853, & 8854

Certified by: _____
Chief Assayer

Certified by: _____
President/Manager

Date: Nov. 10, 2010

Disclaimer: The results included on this report relate only to the items tested. The Certificate of Analysis should not be reproduced except in full, without the written approval of the laboratory.

PolyMet Laboratories

Client: Vault Minerals Inc.
Job No. 0-155

CERTIFICATE 8851

Date:
Nov. 10, 2010

Splits

Sample #	**Au Oz/ton**	**g/tonne**
48847	0.002	0.069
48848	<.001	<.03
48849	<.001	<.03
48850	0.155	5.314
48851	<.001	<.03
48852	<.001	<.03
48853	Pend	
48854	<.001	<.03
48855	<.001	<.03
48856	<.001	<.03
48857	<.001	<.03
48858	0.002	0.069
48859	0.008	0.274
48860	0.014	0.480
48861	0.002	0.069
48862	0.022	0.754
48863	<.001	<.03
48864	<.001	<.03
48865	0.010	0.343
48866	<.001	<.03
48867	<.001	<.03

20 **Splits**
1 **Pend**

Std OxL 78	0.176	6.034
Blank	<.001	<.03

Certified Assayer:

PolyMet Laboratories

Client: Vault Minerals Inc.

CERTIFICATE 8852 Job No. 0-155

Date: Nov. 10, 2010

Splits

Sample #	**Au Oz/ton**	**g/tonne**
48868	<.001	<.03
48869	0.004	0.137
48870	0.006	0.206
48871	<.001	<.03
48872	0.014	0.480
48873	<.001	<.03
48874	0.050	1.714
48875	<.001	<.03
48876	0.002	0.069
48877	<.001	<.03
48878	<.001	<.03
48879	<.001	<.03
48880	0.002	0.069
48881	<.001	<.03
48882	<.001	<.03
48883	<.001	<.03
48884	<.001	<.03
48885	<.001	<.03
48886	<.001	<.03
48887	<.001	<.03
48888	0.002	0.069
48889	Pend	

21 **Splits**
1 **Pend**

Std OxL 78	0.176	6.034
Blank	<.001	<.03

Certified Assayer:

PolyMet Laboratories

Client: Vault Minerals Inc.

CERTIFICATE 8853 Job No. 0-155

Date: Nov. 10, 2010

Splits

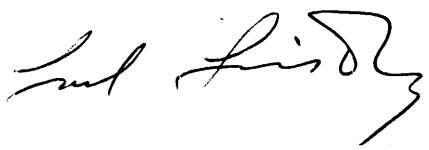
Sample #	**Au Oz/ton**	**g/tonne**
48890	<.001	<.03
48891	Pend	
48892	0.028	0.960
48893	<.001	<.03
48894	<.001	<.03
48895	0.028	0.960
48896	<.001	<.03
48897	0.002	0.069
48898	0.163	5.589
48899	<.001	<.03
25762	<.001	<.03
25763	<.001	<.03
25764	<.001	<.03
25765	0.020	0.686
25766	0.002	0.069

14 **Splits**

1 **Pend**

Std OxL 78	0.174	5.966
Blank	<.001	<.03

Certified Assayer:



PolyMet Laboratories

		Client:	Vault Minerals Inc.
CERTIFICATE	**8854**	Job No.	0-155

Date:
Nov. 10, 2010

	Original		**Check**	
Sample #	**Au Oz/ton**	**g/tonne**	**Au Oz/ton**	**g/tonne**
48853	0.104	3.566	0.124	4.251
48889	0.084	2.880	0.084	2.880
48891	0.084	2.880	0.078	2.674

3 + 6

Certified Assayer:

PolyMet Labs
A Division of Polymet Resources Ltd.

1 Presley St, P.O. Box 699, Cobalt, Ontario, Canada P0J 1C0
Tel: (705) 679-5500 • Fax: (705) 679-5519
Email: info@polymetinc.com Website: www.polymetinc.com

Certificate of Analysis

Queenston (Vault Division)

We certify that the assay results in the following Certificates are factual and true.

Certificate #'s 8900, 8901, & 8902

Certified by: _____
Chief Assayer

Certified by: _____
President/Manager

Date: Nov. 16, 2010

Disclaimer: The results included on this report relate only to the items tested. The Certificate of Analysis should not be reproduced except in full, without the written approval of the laboratory.

PolyMet Laboratories

Client: Queenston (Vault Div.)

CERTIFICATE 8900 Job No. 0-155

Date:
Nov. 16, 2010

Splits

Sample #	**Au Oz/ton**	**g/tonne**
48960	<.001	<.03
48961	<.001	<.03
48962	<.001	<.03
48963	<.001	<.03
48964	<.001	<.03
48965	0.006	0.206
48966	<.001	<.03
48967	<.001	<.03
48968	<.001	<.03
48969	<.001	<.03
48970	0.002	0.069
48971	Pend	
48972	0.012	0.411
48973	<.001	<.03
48974	0.002	0.069
48975	0.049	1.680
48976	<.001	<.03
48977	<.001	<.03
48978	Pend	
48979	0.002	0.069
48980	<.001	<.03
48981	0.002	0.069
48982	<.001	<.03
48983	0.006	0.206
48984	<.001	<.03
48985	0.002	0.069
48986	<.001	<.03
48987	0.022	0.754
48988	<.001	<.03

27 **Splits**
2 **Pend**

Std OxL 78	0.176	6.034
Blank	<.001	<.03

Certified Assayer:



PolyMet Laboratories

Client: Queenston (Vault Div.)

CERTIFICATE 8901

Job No. 0-155

Date:
Nov. 16, 2010

Splits

Sample #	**Au Oz/ton**	**g/tonne**
48989	0.002	0.069
48990	<.001	<.03
48991	<.001	<.03
48992	Pend	
48993	Pend	
48994	Pend	
48995	Pend	
48996	Pend	
48997	0.174	5.966
48998	0.020	0.686
48999	0.002	0.069
49000	Pend	
47601	<.001	<.03
47602	Pend	
47603	0.026	0.891
47604	0.002	0.069
47605	0.014	0.480
47606	<.001	<.03
47607	0.002	0.069
47608	0.002	0.069
46087	<.001	<.03

14 **Splits**
7 **Pend**

Std OxL 78	0.176	6.034
Blank	<.001	<.03

Certified Assayer:



PolyMet Laboratories

		Client:	Queenston (Vault Div.)
CERTIFICATE	**8902**	Job No.	0-155

Date:
Nov. 16, 2010

	Original		**Check**	
Sample #	**Au Oz/ton**	**g/tonne**	**Au Oz/ton**	**g/tonne**
48971	0.034	1.166	0.044	1.509
48978	0.062	2.126	0.056	1.920
48992	0.124	4.251	0.112	3.840
48993	0.046	1.577	0.038	1.303
48994	0.132	4.526	0.122	4.183
48995	0.108	3.703	0.102	3.497
48996	0.084	2.880	0.068	2.331
49000	0.080	2.743	0.052	1.783
47602	0.034	1.166	0.028	0.960

9 + 18

Certified Assayer:

PolyMet Labs
A Division of Polymet Resources Ltd.

1 Presley St, P.O. Box 699, Cobalt, Ontario, Canada P0J 1C0
Tel: (705) 679-5500 • Fax: (705) 679-5519
Email: info@polymetinc.com Website: www.polymetinc.com

Certificate of Analysis

Queenston (Vault Division)

We certify that the assay results in the following Certificates are factual and true.

Certificate #'s 8909, 8910, 8911, & 8912

Certified by: _____
Chief Assayer

Certified by: _____
President/Manager

Date: Nov. 17, 2010

Disclaimer: The results included on this report relate only to the items tested. The Certificate of Analysis should not be reproduced except in full, without the written approval of the laboratory.

PolyMet Laboratories

Client: Queenston (Vault Div.)

CERTIFICATE 8909

Job No. 0-155

Date:
Nov. 17, 2010

Splits

Sample #	**Au Oz/ton**	**g/tonne**
46196	0.002	0.069
46197	0.006	0.206
46198	0.018	0.617
46199	0.026	0.891
46200	Pend	
46201	<.001	<.03
46202	Pend	
46203	0.053	1.817
46204	Pend	
46205	Pend	
46206	Pend	
46207	Pend	
46208	Pend	
46209	Pend	
46210	Pend	
46211	0.020	0.686
46212	Pend	
46213	<.001	<.03
47609	0.002	0.069
47610	0.008	0.274
47611	0.014	0.480
47612	0.020	0.686

12 **Splits**
10 **Pend**

Std OxL 78	0.180	6.171
Blank	<.001	<.03

Certified Assayer:

PolyMet Laboratories

Client: Queenston (Vault Div.)

CERTIFICATE 8910

Job No. 0-155

Date:
Nov. 17, 2010

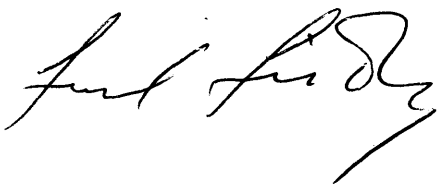
Splits

Sample #	**Au Oz/ton**	**g/tonne**
47613	0.028	0.960
47614	<.001	<.03
47615	0.014	0.480
47616	0.016	0.549
47617	0.014	0.480
47618	0.020	0.686
47619	0.016	0.549
47620	0.012	0.411
47621	<.001	<.03
47622	0.024	0.823
47623	0.052	1.783
47624	Pend	
47625	Pend	
47626	Pend	
47627	Pend	
47628	0.026	0.891
47629	0.006	0.206
47630	0.006	0.206
47631	<.001	<.03
47632	0.004	0.137
47633	Pend	
47634	<.001	<.03

17 **Splits**
5 **Pend**

Std OxL 78	0.180	6.171
Blank	<.001	<.03

Certified Assayer:



PolyMet Laboratories

Client: Queenston (Vault Div.)

CERTIFICATE 8911

Job No. 0-155

Date:
Nov. 17, 2010

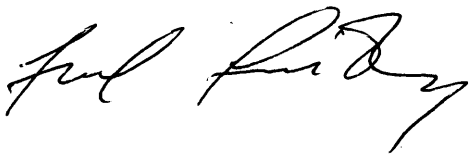
Splits

Sample #	**Au Oz/ton**	**g/tonne**
47635	Pend	
47636	0.028	0.960
47637	0.012	0.411
47638	0.028	0.960
47639	0.008	0.274
47640	0.002	0.069
47641	<.001	<.03
47642	<.001	<.03
47643	<.001	<.03
47644	<.001	<.03
47645	<.001	<.03
47646	<.001	<.03
47647	<.001	<.03
47648	0.020	0.686
47649	0.163	5.589
47650	<.001	<.03
47651	<.001	<.03
47652	0.008	0.274
47653	<.001	<.03
47654	<.001	<.03
47655	<.001	<.03
47656	<.001	<.03

21 **Splits**
1 **Pend**

Std OxL 78	0.174	5.966
Blank	<.001	<.03

Certified Assayer:



PolyMet Laboratories

Client: Queenston (Vault Div.)

CERTIFICATE **8912**

Job No. 0-155

Date:
Nov. 17, 2010

	Original		**Check**	
Sample #	**Au Oz/ton**	**g/tonne**	**Au Oz/ton**	**g/tonne**
46200	0.074	2.537	0.068	2.331
46202	0.056	1.920	0.050	1.714
46204	0.090	3.086	0.084	2.880
46205	0.096	3.291	0.082	2.811
46206	0.078	2.674	0.066	2.263
46207	0.114	3.909	0.108	3.703
46208	0.138	4.731	0.132	4.526
46209	0.104	3.566	0.092	3.154
46210	0.070	2.400	0.058	1.989
46212	0.054	1.851	0.054	1.851
47624	0.044	1.509	0.048	1.646
47625	0.038	1.303	0.036	1.234
47626	0.050	1.714	0.062	2.126
47627	0.046	1.577	0.046	1.577
47633	0.036	1.234	0.036	1.234
47635	0.158	5.417	0.174	5.966

16 + 32

Certified Assayer:

PolyMet Labs
A Division of Polymet Resources Ltd.

1 Presley St, P.O. Box 699, Cobalt, Ontario, Canada P0J 1C0
Tel: (705) 679-5500 • Fax: (705) 679-5519
Email: info@polymetinc.com Website: www.polymetinc.com

Certificate of Analysis

Queenston Mining Inc.
(Vault Division)

We certify that the assay results in the following Certificates are factual and true.

Certificate #'s 8973, 8974, 8975, 8976, 8977, & 8978

Certified by: _____
Chief Assayer

Certified by: _____
President/Manager

Date: Nov. 24, 2010

Disclaimer: The results included on this report relate only to the items tested. The Certificate of Analysis should not be reproduced except in full, without the written approval of the laboratory.

PolyMet Laboratories

Client: Queenston (Vault Div.)

CERTIFICATE 8973

Job No. 0-155

Date:
Nov. 24, 2010

Splits

Sample #	**Au Oz/ton**	**g/tonne**
46345	<.001	<.03
46346	<.001	<.03
46347	0.012	0.411
46348	<.001	<.03
46349	0.002	0.069
46350	<.001	<.03
46351	0.002	0.069
46352	0.164	5.623
46353	0.002	0.069
46354	0.022	0.754
46355	<.001	<.03
46356	0.014	0.480
46357	Pend	
46358	0.028	0.960
46359	<.001	<.03
46360	<.001	<.03
46361	0.006	0.206
46362	Pend	
46363	0.018	0.617
46364	<.001	<.03
46365	0.002	0.069
46366	<.001	<.03
46367	<.001	<.03
46368	0.004	0.137
46369	<.001	<.03
46370	<.001	<.03
46371	Pend	
46372	<.001	<.03

25 **Splits**
3 **Pend**

Std OxL 78	0.176	6.034
Blank	<.001	<.03

Certified Assayer: Linda Johnson

PolyMet Laboratories

Client: Queenston (Vault Div.)

CERTIFICATE 8974

Job No. 0-155

Date:
Nov. 24, 2010

Splits

Sample #	**Au Oz/ton**	**g/tonne**
46373	<.001	<.03
46374	Pend	
46375	<.001	<.03
46376	<.001	<.03
46377	0.050	1.714
46378	<.001	<.03
46379	Pend	
46380	0.010	0.343
46381	<.001	<.03
46382	0.004	0.137
46383	0.028	0.960
46384	0.002	0.069
46385	Pend	
46386	<.001	<.03
46387	<.001	<.03
46388	Pend	
46389	<.001	<.03
46390	0.164	5.623
46391	0.014	0.480
46392	<.001	<.03
46393	<.001	<.03
46394	0.008	0.274
46395	<.001	<.03

19 **Splits**
4 **Pend**

Std OxL 78	0.176	6.034
Blank	<.001	<.03

Certified Assayer: Paula Johnson

PolyMet Laboratories

Client: Queenston (Vault Div.)

CERTIFICATE 8975

Job No. 0-155

Date:
Nov. 24, 2010

Splits

Sample #	**Au Oz/ton**	**g/tonne**
46396	<.001	<.03
46397	<.001	<.03
46398	<.001	<.03
46399	<.001	<.03
46400	<.001	<.03
46401	0.004	0.137
46402	<.001	<.03
46403	0.006	0.206
46404	0.022	0.754
46405	0.016	0.549
46406	<.001	<.03
46407	0.002	0.069
46408	0.024	0.823
46409	0.014	0.480
46410	<.001	<.03
46411	0.002	0.069
46412	<.001	<.03
46413	0.014	0.480
46414	0.049	1.680
46415	0.004	0.137
46416	Pend	
46417	<.001	<.03

21 **Splits**
1 **Pend**

Std OxL 78	0.176	6.034
Blank	<.001	<.03

Certified Assayer: Carla Johnson

PolyMet Laboratories

Client: Queenston (Vault Div.)

CERTIFICATE 8976

Job No. 0-155

Date:
Nov. 24, 2010

Splits

Sample #	**Au Oz/ton**	**g/tonne**
46418	0.038	1.303
46419	0.004	0.137
46420	0.006	0.206
46421	0.006	0.206
46422	0.002	0.069
46423	0.006	0.206
46424	0.016	0.549
46425	0.020	0.686
46426	<.001	<.03
46427	0.012	0.411
46428	0.016	0.549
46429	<.001	<.03
46430	0.008	0.274
46431	0.008	0.274
46432	0.002	0.069
46433	0.006	0.206
46434	0.006	0.206
46435	<.001	<.03
46436	<.001	<.03
46437	<.001	<.03
46438	0.026	0.891
46439	0.163	5.589

22 **Splits**

Std OxL 78	0.176	6.034
Blank	<.001	<.03

Certified Assayer: Carla Johnson

PolyMet Laboratories

Client: Queenston (Vault Div.)

CERTIFICATE 8977

Job No. 0-155

Date:
Nov. 24, 2010

Splits

Sample #	**Au Oz/ton**	**g/tonne**
46440	Pend	
46441	0.016	0.549
46442	<.001	<.03
46443	<.001	<.03
46444	<.001	<.03
46445	<.001	<.03
46446	<.001	<.03
46447	0.010	0.343
46448	<.001	<.03
46449	<.001	<.03
46450	0.004	0.137
46451	0.026	0.891
46452	0.008	0.274
46453	<.001	<.03
46454	0.004	0.137
46455	Pend	
46456	0.047	1.611
46457	Pend	
46458	0.008	0.274
46459	Pend	
46460	0.026	0.891

17 **Splits**
4 **Pend**

Std OxL 78	0.176	6.034
Blank	<.001	<.03

Certified Assayer: Carla Johnson

PolyMet Laboratories

		Client:	Queenston (Vault Div.)
CERTIFICATE	**8978**	Job No.	0-155

Date:
Nov. 24 , 2010

	Original		**Check**	
Sample #	**Au Oz/ton**	**g/tonne**	**Au Oz/ton**	**g/tonne**
46357	0.032	1.097	0.042	1.440
46362	0.032	1.097	0.032	1.097
46371	0.034	1.166	0.036	1.234
46374	0.036	1.234	0.046	1.577
46379	0.044	1.509	0.032	1.097
46385	0.274	9.394	0.392	13.440
46388	0.030	1.029	0.030	1.029
46416	0.068	2.331	0.062	2.126
46440	0.038	1.303	0.044	1.509
46455	0.122	4.183	0.130	4.457
46457	0.156	5.349	0.106	3.634
46459	0.070	2.400	0.128	4.389

12 + 24

Certified Assayer: Carla Johnson

PolyMet Labs
A Division of Polymet Resources Ltd.

1 Presley St, P.O. Box 699, Cobalt, Ontario, Canada P0J 1C0
Tel: (705) 679-5500 • Fax: (705) 679-5519
Email: info@polymetinc.com Website: www.polymetinc.com

Certificate of Analysis

Queenston Mining Inc.
(Vault Division)

We certify that the assay results in the following Certificates are factual and true.

Certificate #'s 8980, 8981, 8982, & 8983

Certified by: _____
Chief Assayer

Certified by: _____
President/Manager

Date: Nov. 25, 2010

Disclaimer: The results included on this report relate only to the items tested. The Certificate of Analysis should not be reproduced except in full, without the written approval of the laboratory.

PolyMet Laboratories

Client: Queenston (Vault Div.)

CERTIFICATE 8980

Job No. 0-155

Date:
Nov. 25, 2010

Splits

Sample #	**Au Oz/ton**	**g/tonne**
46461	0.006	0.206
46462	Pend	
46463	Pend	
46464	0.020	0.686
46465	<.001	<.03
46466	0.004	0.137
46467	0.026	0.891
46468	0.002	0.069
47731	<.001	<.03
47732	0.022	0.754
47733	<.001	<.03
47734	0.002	0.069
47735	0.002	0.069
47736	<.001	<.03
47737	<.001	<.03
47738	<.001	<.03
47739	<.001	<.03
47740	<.001	<.03
47741	0.002	0.069
47742	<.001	<.03
47743	<.001	<.03
47744	<.001	<.03

20 **Splits**
2 **Pend**

Std OxL 78	0.174	5.966
Blank	<.001	<.03

Certified Assayer:

PolyMet Laboratories

Client: Queenston (Vault Div.)

CERTIFICATE 8981

Job No. 0-155

Date:
Nov. 25, 2010

Splits

Sample #	**Au Oz/ton**	**g/tonne**
47745	<.001	<.03
47746	<.001	<.03
47747	<.001	<.03
47748	<.001	<.03
47749	0.168	5.760
47750	<.001	<.03
47751	<.001	<.03
47752	<.001	<.03
47753	0.002	0.069
47754	<.001	<.03
47755	<.001	<.03
47756	Pend	
47757	<.001	<.03
47758	0.002	0.069
47759	Pend	
47760	0.002	0.069
47761	<.001	<.03
47762	<.001	<.03
47763	0.002	0.069
47764	0.006	0.206
47765	0.002	0.069

19 **Splits**
2 **Pend**

Std OxL 78	0.174	5.966
Blank	<.001	<.03

Certified Assayer:



PolyMet Laboratories

Client: Queenston (Vault Div.)
Job No. 0-155

CERTIFICATE 8982

Date:
Nov. 25, 2010

Splits

Sample #	**Au Oz/ton**	**g/tonne**
47766	<.001	<.03
47767	<.001	<.03
47768	<.001	<.03
47769	0.004	0.137
47770	0.026	0.891
47771	0.002	0.069
47772	0.048	1.646
47773	<.001	<.03
47774	<.001	<.03
47775	0.006	0.206
47776	<.001	<.03

11 **Splits**

Std OxL 78	0.172	5.897
Blank	<.001	<.03

Certified Assayer:

PolyMet Laboratories

Client: Queenston (Vault Div.)

CERTIFICATE **8983**

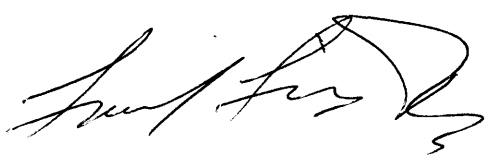
Job No. 0-155

Date:
Nov. 25 , 2010

	Original		Check	
Sample #	**Au Oz/ton**	**g/tonne**	**Au Oz/ton**	**g/tonne**
46462	0.054	1.851	0.044	1.509
46463	0.054	1.851	0.052	1.783
47756	0.042	1.440	0.030	1.029
47759	0.040	1.371	0.028	0.960

4 + 8

Certified Assayer:



PolyMet Labs
A Division of Polymet Resources Ltd.

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Tel: (705) 679-5500 • Fax: (705) 679-5519
Email: info@polymetinc.com Website: www.polymetinc.com

Certificate of Analysis

Queenston (Vault Division)

We certify that the assay results in the following Certificates are factual and true.

Certificate #'s 9025, 9026, 9027, 9028, 9029, 9030, 9031, 9032, 9033, 9034, & 9035

Certified by: _____
Chief Assayer

Certified by: _____
President/Manager

Date: Dec. 1, 2010

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PolyMet Laboratories

Client: Queenston (Vault Div.)

CERTIFICATE 9025

Job No. 0-155

Date:
Dec, 1 2010

Splits

Sample #	**Au Oz/ton**	**g/tonne**
47777	<.001	<.03
47778	0.006	0.206
47779	0.002	0.069
47780	<.001	<.03
47781	0.004	0.137
47782	0.002	0.069
47783	<.001	<.03
47784	<.001	<.03
47785	Pend	
47786	0.012	0.411
47787	0.012	0.411
47788	0.002	0.069
47789	0.002	0.069
47790	0.016	0.549
47791	0.028	0.960
47792	0.008	0.274
47793	0.028	0.960
47794	0.012	0.411

17 **Splits**
1 **Pend**

Std OxL 78	0.176	6.034
Blank	<.001	<.03

Certified Assayer:

PolyMet Laboratories

Client: Queenston (Vault Div.)

CERTIFICATE 9026

Job No. 0-155

Date:
Dec, 1 2010

Splits

Sample #	**Au Oz/ton**	**g/tonne**
47795	0.004	0.137
47796	0.004	0.137
47797	0.020	0.686
47798	0.022	0.754
47799	0.168	5.760
47800	0.008	0.274
47801	0.004	0.137
47802	0.006	0.206
47803	Pend	
47804	<.001	<.03
47805	0.008	0.274
47806	0.002	0.069
47807	0.010	0.343
47808	0.024	0.823
47809	0.002	0.069
47810	0.006	0.206
47811	0.014	0.480
47812	0.006	0.206
47813	<.001	<.03
47814	0.012	0.411
47815	0.002	0.069
47816	Pend	

20 **Splits**
2 **Pend**

Std OxL 78	0.176	6.034
Blank	<.001	<.03

Certified Assayer:

PolyMet Laboratories

Client: Queenston (Vault Div.)

CERTIFICATE 9027

Job No. 0-155

Date:
Dec, 1 2010

Splits

Sample #	**Au Oz/ton**	**g/tonne**
47817	0.012	0.411
47818	0.004	0.137
47819	0.028	0.960
47820	0.022	0.754
47821	0.020	0.686
47822	0.018	0.617
47823	0.018	0.617
47824	0.014	0.480
47825	<.001	<.03
47826	<.001	<.03
47827	<.001	<.03
47828	<.001	<.03
47829	<.001	<.03
47830	<.001	<.03
47831	Pend	
47832	0.004	0.137
47833	<.001	<.03
47834	<.001	<.03
47835	<.001	<.03
47836	0.048	1.646
47837	<.001	<.03

20 **Splits**
1 **Pend**

Std OxL 78	0.174	5.966
Blank	<.001	<.03

Certified Assayer:

PolyMet Laboratories

Client: Queenston (Vault Div.)

CERTIFICATE 9028

Job No. 0-155

Date:
Dec, 1 2010

Splits

Sample #	**Au Oz/ton**	**g/tonne**
47838	<.001	<.03
47839	<.001	<.03
47840	<.001	<.03
47841	<.001	<.03
47842	<.001	<.03
47843	<.001	<.03
47844	0.002	0.069
47845	0.012	0.411
47846	0.024	0.823
47847	0.006	0.206
47848	Pend	
47849	<.001	<.03
47850	0.002	0.069
47851	<.001	<.03
47852	<.001	<.03
47853	<.001	<.03
47854	<.001	<.03
47855	<.001	<.03
47856	<.001	<.03
47857	0.167	5.726
47858	0.006	0.206
27575	0.028	0.960

21 **Splits**
1 **Pend**

Std OxL 78	0.174	5.966
Blank	<.001	<.03

Certified Assayer:

PolyMet Laboratories

Client: Queenston (Vault Div.)

CERTIFICATE 9029

Job No. 0-155

Date:
Dec, 1 2010

Splits

Sample #	**Au Oz/ton**	**g/tonne**
27576	0.012	0.411
27577	Pend	
27578	<.001	<.03
27579	0.166	5.691
25755	<.001	<.03
27781	<.001	<.03
25756	<.001	<.03
25757	0.002	0.069
25758	<.001	<.03
25759	<.001	<.03
25760	<.001	<.03
25761	<.001	<.03
25751	<.001	<.03
25752	<.001	<.03
25753	<.001	<.03
25754	<.001	<.03
46469	0.014	0.480
46470	0.026	0.891
46471	0.020	0.686
46472	Pend	
46473	0.028	0.960
46474	0.052	1.783

20 **Splits**
2 **Pend**

Std OxL 78	0.176	6.034
Blank	<.001	<.03

Certified Assayer:



PolyMet Laboratories

Client: Queenston (Vault Div.)

CERTIFICATE 9030

Job No. 0-155

Date:
Dec, 1 2010

Splits

Sample #	**Au Oz/ton**	**g/tonne**
46475	0.010	0.343
46476	0.018	0.617
46477	<.001	<.03
46478	<.001	<.03
46479	<.001	<.03
46480	0.004	0.137
46481	0.006	0.206
46482	0.006	0.206
46483	0.002	0.069
46484	0.006	0.206
46485	0.004	0.137
46486	<.001	<.03
46487	<.001	<.03
46488	0.012	0.411
46489	<.001	<.03
46490	0.166	5.691
46491	0.004	0.137
46492	<.001	<.03
47859	0.008	0.274
47860	0.010	0.343
47861	0.002	0.069

21 **Splits**

Std OxL 78	0.176	6.034
Blank	<.001	<.03

Certified Assayer:

PolyMet Laboratories

Client: Queenston (Vault Div.)

CERTIFICATE 9031

Job No. 0-155

Date:
Dec, 1 2010

Splits

Sample #	**Au Oz/ton**	**g/tonne**
47862	<.001	<.03
47863	0.008	0.274
47864	0.014	0.480
47865	0.006	0.206
47866	0.010	0.343
47867	<.001	<.03
47868	<.001	<.03
47869	<.001	<.03
47870	<.001	<.03
47871	<.001	<.03
47872	<.001	<.03
47873	<.001	<.03
47874	<.001	<.03
47875	Pend	
47876	<.001	<.03
47877	0.002	0.069
47878	<.001	<.03
47879	Pend	
47880	<.001	<.03
47881	0.004	0.137
47882	0.052	1.783
47883	<.001	<.03

20 **Splits**
2 **Pend**

Std OxL 78	0.172	5.897
Blank	<.001	<.03

Certified Assayer:

PolyMet Laboratories

Client: Queenston (Vault Div.)

CERTIFICATE 9032

Job No. 0-155

Date:
Dec, 1 2010

Splits

Sample #	**Au Oz/ton**	**g/tonne**
47884	Pend	
47885	<.001	<.03
47886	<.001	<.03
47887	<.001	<.03
47888	0.010	0.343
47889	0.002	0.069
47890	<.001	<.03
47891	<.001	<.03
47892	<.001	<.03
47893	<.001	<.03
47894	<.001	<.03
47895	<.001	<.03
47896	<.001	<.03
47897	<.001	<.03
47898	<.001	<.03
47899	<.001	<.03
47900	0.002	0.069
47901	0.004	0.137
47902	<.001	<.03
47903	<.001	<.03
47904	<.001	<.03
47905	<.001	<.03

21 **Splits**
1 **Pend**

Std OxL 78	0.172	5.897
Blank	<.001	<.03

Certified Assayer:

PolyMet Laboratories

Client: Queenston (Vault Div.)

CERTIFICATE 9033

Job No. 0-155

Date:
Dec, 1 2010

Splits

Sample #	**Au Oz/ton**	**g/tonne**
47906	0.155	5.314
47907	<.001	<.03
47908	0.016	0.549
47909	<.001	<.03
47910	<.001	<.03
47911	<.001	<.03
47912	<.001	<.03
47913	<.001	<.03
47914	0.002	0.069
47915	0.002	0.069
47916	<.001	<.03
47917	0.006	0.206
47918	Pend	
47919	<.001	<.03
47920	0.020	0.686
47921	0.004	0.137
47922	<.001	<.03
47923	<.001	<.03
47924	0.002	0.069
47925	<.001	<.03
47926	0.002	0.069

20 **Splits**
1 **Pend**

Std OxL 78	0.174	5.966
Blank	<.001	<.03

Certified Assayer:



PolyMet Laboratories

Client: Queenston (Vault Div.)

CERTIFICATE 9034

Job No. 0-155

Date:
Dec, 1 2010

Splits

Sample #	**Au Oz/ton**	**g/tonne**
47927	<.001	<.03
47928	<.001	<.03
47929	<.001	<.03
47930	<.001	<.03
47931	<.001	<.03
47932	<.001	<.03
47933	0.052	1.783
47934	<.001	<.03
47935	<.001	<.03
47936	0.024	0.823
47937	<.001	<.03
47938	<.001	<.03
47939	<.001	<.03
47940	<.001	<.03
47941	<.001	<.03
47942	<.001	<.03
47943	0.014	0.480
47944	Pend	

17 **Splits**
1 **Pend**

Std OxL 78	0.174	5.966
Blank	<.001	<.03

Certified Assayer:

PolyMet Laboratories

Client: Queenston (Vault Div.)

CERTIFICATE **9035**

Job No. 0-155

Date:
Dec,1 2010

	Original		**Check**	
Sample #	**Au Oz/ton**	**g/tonne**	**Au Oz/ton**	**g/tonne**
47785	0.066	2.263	0.066	2.263
47803	0.036	1.234	0.036	1.234
47816	0.112	3.840	0.110	3.771
47831	0.160	5.486	0.174	5.966
47848	0.050	1.714	0.052	1.783
27577	0.072	2.469	0.080	2.743
46472	0.038	1.303	0.038	1.303
47875	0.072	2.469	0.070	2.400
47879	0.040	1.371	0.060	2.057
47884	0.048	1.646	0.048	1.646
47918	0.048	1.646	0.050	1.714
47944	0.036	1.234	0.042	1.440

12 + 24

Certified Assayer:

PolyMet Labs
A Division of Polymet Resources Ltd.

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Email: info@polymetinc.com Website: www.polymetinc.com

Certificate of Analysis

Queenston Mining Inc.
(Vault Division)

We certify that the assay results in the following Certificates are factual and true.

Certificate #'s 9077, 9078, 9079, 9080, 9081, 9082, 9083, 9084, & 9085

Certified by: _____
Chief Assayer

Certified by: _____
President/Manager

Date: Dec. 8, 2010

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PolyMet Laboratories

Client: Queenston (Vault Div.)

CERTIFICATE 9077

Job No. 0-155

Date:
Dec. 8, 2010

Splits

Sample #	**Au Oz/ton**	**g/tonne**
48032	<.001	<.03
48033	<.001	<.03
48034	0.016	0.549
48035	0.004	0.137
48036	<.001	<.03
48037	<.001	<.03
48038	<.001	<.03
48039	<.001	<.03
48040	<.001	<.03
48041	<.001	<.03
48042	0.004	0.137
48043	<.001	<.03
48044	<.001	<.03
48045	<.001	<.03
48046	0.002	0.069
48047	<.001	<.03
48048	<.001	<.03
48049	<.001	<.03
48050	<.001	<.03
48051	Pend	
48052	<.001	<.03
48053	0.002	0.069
48054	0.010	0.343
48055	<.001	<.03
48056	0.008	0.274

24 **Splits**
1 **Pend**

Std OxL 78	0.178	6.103
Blank	<.001	<.03

Certified Assayer:



PolyMet Laboratories

Client: Queenston (Vault Div.)

CERTIFICATE 9078

Job No. 0-155

Date:
Dec. 8, 2010

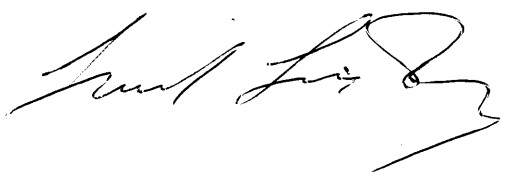
Splits

Sample #	**Au Oz/ton**	**g/tonne**
48057	0.049	1.680
48058	<.001	<.03
48059	<.001	<.03
48060	<.001	<.03
48061	<.001	<.03
48062	<.001	<.03
48063	Pend	
48064	0.028	0.960
48065	Pend	
48066	Pend	
48067	<.001	<.03
48068	0.002	0.069
48069	<.001	<.03
48070	0.002	0.069
48071	0.006	0.206
48072	0.008	0.274
48073	0.002	0.069
48074	0.012	0.411
48075	Pend	
48076	Pend	

15 **Splits**
5 **Pend**

Std OxL 78	0.176	6.034
Blank	<.001	<.03

Certified Assayer:



PolyMet Laboratories

Client: Queenston (Vault Div.)

CERTIFICATE 9079 Job No. 0-155

Date:
Dec. 8, 2010

Splits

Sample #	**Au Oz/ton**	**g/tonne**
48077	Pend	
48078	Pend	
48079	0.002	0.069
48080	0.002	0.069
48081	0.002	0.069
48082	<.001	<.03
48083	<.001	<.03
48084	0.002	0.069
48085	<.001	<.03
48086	<.001	<.03
48087	<.001	<.03
48088	0.161	5.520
48089	<.001	<.03
48090	<.001	<.03
48091	<.001	<.03
48092	<.001	<.03
48093	<.001	<.03
48094	<.001	<.03
48095	<.001	<.03

17 **Splits**
2 **Pend**

Std OxL 78	0.174	5.966
Blank	<.001	<.03

Certified Assayer:

PolyMet Laboratories

Client: Queenston (Vault Div.)

CERTIFICATE 9080

Job No. 0-155

Date:
Dec. 8, 2010

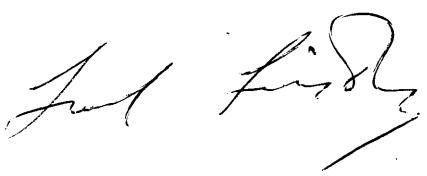
Splits

Sample #	**Au Oz/ton**	**g/tonne**
48096	<.001	<.03
48097	<.001	<.03
48098	<.001	<.03
48099	<.001	<.03
48100	<.001	<.03
48101	<.001	<.03
48102	0.028	0.960
48103	<.001	<.03
48104	<.001	<.03
48105	Pend	
48106	<.001	<.03
48107	<.001	<.03
48108	<.001	<.03
48109	<.001	<.03
48110	<.001	<.03
48111	<.001	<.03
48112	<.001	<.03
48113	<.001	<.03
48114	<.001	<.03
48115	<.001	<.03
48116	Pend	
48117	<.001	<.03

20 **Splits**
2 **Pend**

Std OxL 78	0.174	5.966
Blank	<.001	<.03

Certified Assayer:



PolyMet Laboratories

Client: Queenston (Vault Div.)

CERTIFICATE 9081

Job No. 0-155

Date:
Dec. 8, 2010

Splits

Sample #	**Au Oz/ton**	**g/tonne**
48118	<.001	<.03
48119	0.049	1.680
48120	0.002	0.069
48121	<.001	<.03
48122	<.001	<.03
48123	<.001	<.03
48124	<.001	<.03
48125	0.002	0.069
48126	<.001	<.03
48127	<.001	<.03
48128	<.001	<.03
48129	<.001	<.03
48130	<.001	<.03
48131	<.001	<.03
48132	0.002	0.069
48133	0.016	0.549
48134	Pend	
48135	0.002	0.069
48136	0.006	0.206
48137	0.002	0.069
48138	0.006	0.206
48139	<.001	<.03

21 **Splits**
1 **Pend**

Std OxL 78	0.172	5.897
Blank	<.001	<.03

Certified Assayer:

PolyMet Laboratories

Client: Queenston (Vault Div.)

CERTIFICATE 9082

Job No. 0-155

Date:
Dec. 8, 2010

Splits

Sample #	**Au Oz/ton**	**g/tonne**
48140	<.001	<.03
48141	<.001	<.03
48142	<.001	<.03
48143	0.002	0.069
48144	0.002	0.069
48145	<.001	<.03
48146	0.002	0.069
48147	0.002	0.069
48148	<.001	<.03
48149	<.001	<.03
48150	0.050	1.714
48151	0.002	0.069
48152	0.002	0.069
48153	0.002	0.069
48154	0.002	0.069
48155	<.001	<.03
48156	0.002	0.069
48157	<.001	<.03
48158	0.006	0.206
48159	0.002	0.069
48160	Pend	

20 **Splits**
1 **Pend**

Std OxL 78	0.172	5.897
Blank	<.001	<.03

Certified Assayer:

PolyMet Laboratories

Client: Queenston (Vault Div.)

CERTIFICATE 9083

Job No. 0-155

Date:
Dec. 8, 2010

Splits

Sample #	**Au Oz/ton**	**g/tonne**
48161	<.001	<.03
48162	0.014	0.480
48163	<.001	<.03
48164	<.001	<.03
48165	Pend	
48166	0.002	0.069
48167	0.018	0.617
48168	<.001	<.03
48169	<.001	<.03
48170	0.002	0.069
48171	0.022	0.754
48172	0.002	0.069
48173	0.002	0.069
48174	<.001	<.03
48175	<.001	<.03
48176	0.014	0.480
48177	<.001	<.03
48178	<.001	<.03
48179	<.001	<.03
48180	0.020	0.686
48181	<.001	<.03
48182	<.001	<.03

21 **Splits**
1 **Pend**

Std OxL 78	0.176	6.034
Blank	<.001	<.03

Certified Assayer:



PolyMet Laboratories

Client: Queenston (Vault Div.)

CERTIFICATE 9084

Job No. 0-155

Date:
Dec. 8, 2010

Splits

Sample #	**Au Oz/ton**	**g/tonne**
48183	0.153	5.246
48184	<.001	<.03
48185	<.001	<.03
48186	<.001	<.03
48187	0.002	0.069
48188	<.001	<.03
48189	0.006	0.206
48190	<.001	<.03
48191	0.024	0.823
48192	<.001	<.03
20984	<.001	<.03
20985	<.001	<.03

12 **Splits**

Std OxL 78	0.176	6.034
Blank	<.001	<.03

Certified Assayer:

PolyMet Laboratories

Client: Queenston (Vault Div.)

CERTIFICATE **9085** Job No. 0-155

Date: Dec. 8, 2010

	Original		Check	
Sample #	**Au Oz/ton**	**g/tonne**	**Au Oz/ton**	**g/tonne**
48051	0.174	5.966	0.172	5.897
48063	0.058	1.989	0.046	1.577
48065	0.040	1.371	0.040	1.371
48066	0.042	1.440	0.036	1.234
48075	0.090	3.086	0.100	3.429
48076	0.048	1.646	0.048	1.646
48077	0.038	1.303	0.034	1.166
48078	0.108	3.703	0.064	2.194
48105	0.040	1.371	0.048	1.646
48116	0.060	2.057	0.094	3.223
48134	0.044	1.509	0.058	1.989
48160	0.038	1.303	0.042	1.440
48165	0.216	7.406	0.120	4.114

13 + 26

Certified Assayer:

PolyMet Labs
A Division of Polymet Resources Ltd.

1 Presley St, P.O. Box 699, Cobalt, Ontario, Canada P0J 1C0
Tel: (705) 679-5500 • Fax: (705) 679-5519
Email: info@polymetinc.com Website: www.polymetinc.com

Certificate of Analysis

Queenston Mining Inc.
(Vault Division)

We certify that the assay results in the following Certificates are factual and true.

Certificate #'s 9164, 9165, 9166, & 9167

Certified by: _____
Chief Assayer

Certified by: _____
President/Manager

Date: Dec. 21, 2010

Disclaimer: The results included on this report relate only to the items tested. The Certificate of Analysis should not be reproduced except in full, without the written approval of the laboratory.

PolyMet Laboratories

Client: Queenston (Vault Div.)

CERTIFICATE 9164 Job No. 0-155

Date:
Dec. 21, 2010

Splits

Sample #	**Au Oz/ton**	**g/tonne**
46611	<.001	<.03
46612	<.001	<.03
46613	0.053	1.817
46614	Pend	
46615	0.006	0.206
46616	Pend	
46617	Pend	
46618	<.001	<.03
46619	Pend	
46756	0.004	0.137
46757	0.172	5.897
46758	Pend	
46759	Pend	

Std OxL 78	0.174	5.966
Blank	<.001	<.03

7 **Splits**
6 **Pend**

Certified Assayer: Linda Johnson

PolyMet Laboratories

Client: Queenston (Vault Div.)

CERTIFICATE 9165

Job No. 0-155

Date:
Dec. 21, 2010

Splits

Sample #	**Au Oz/ton**	**g/tonne**
46760	0.002	0.069
46761	<.001	<.03
46762	<.001	<.03
46763	Pend	
46764	<.001	<.03
46765	0.024	0.823
46766	Pend	
46767	<.001	<.03
46768	<.001	<.03
46769	<.001	<.03
46770	<.001	<.03
46771	0.048	1.646
46772	0.028	0.960
46773	<.001	<.03
46774	<.001	<.03
46775	Pend	
46776	<.001	<.03
46777	<.001	<.03
46778	<.001	<.03
46779	Pend	
46780	<.001	<.03

17 **Splits**
4 **Pend**

Std OxL 78	0.176	6.034
Blank	<.001	<.03

Certified Assayer: Erika Johnson

PolyMet Laboratories

Client: Queenston (Vault Div.)

CERTIFICATE 9166

Job No. 0-155

Date:
Dec. 21, 2010

Splits

Sample #	**Au Oz/ton**	**g/tonne**
46781	<.001	<.03
46782	<.001	<.03
46783	<.001	<.03
46784	<.001	<.03
46785	<.001	<.03
46786	<.001	<.03
46787	<.001	<.03
46788	<.001	<.03
46789	0.006	0.206
46790	<.001	<.03
46791	<.001	<.03
46620	Pend	
46621	Pend	
46622	<.001	<.03
46623	Pend	
46624	0.028	0.960
46625	0.030	1.029
46626	0.030	1.029
46627	0.016	0.549
46628	0.026	0.891
46629	0.167	5.726
46630	0.018	0.617

19 **Splits**
3 **Pend**

Std OxL 78	0.176	6.034
Blank	<.001	<.03

Certified Assayer: Linda Johnson

PolyMet Laboratories

		Client:	Queenston (Vault Div.)
CERTIFICATE	**9167**	Job No.	0-155

Date:
Dec. 13, 2010

	Original		**Check**	
Sample #	**Au Oz/ton**	**g/tonne**	**Au Oz/ton**	**g/tonne**
46614	0.038	1.303	0.044	1.509
46616	0.038	1.303	0.034	1.166
46617	0.118	4.046	0.098	3.360
46619	0.102	3.497	0.096	3.291
46758	0.210	7.200	0.220	7.543
46759	0.090	3.086	0.074	2.537
46763	0.050	1.714	0.052	1.783
46766	0.034	1.166	0.038	1.303
46775	0.054	1.851	0.040	1.371
46779	0.056	1.920	0.074	2.537
46620	0.194	6.651	0.162	5.554
46621	0.038	1.303	0.024	0.823
46623	0.050	1.714	0.046	1.577

13 + 26

Certified Assayer: Paula Johnson

PolyMet Labs
A Division of Polymet Resources Ltd.

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Tel: (705) 679-5500 • Fax: (705) 679-5519
Email: info@polymetinc.com Website: www.polymetinc.com

Certificate of Analysis

Queenston Mining Inc.
(Vault Division)

We certify that the assay results in the following Certificates are factual and true.

Certificate #'s 9214, 9215, 9216, 9217, 9218, 9219, 9220, 9221, 9222 & 9223

Certified by: _____
Chief Assayer

Certified by: _____
President/Manager

Date: Jan. 4, 2010

Disclaimer: The results included on this report relate only to the items tested. The Certificate of Analysis should not be reproduced except in full, without the written approval of the laboratory.

PolyMet Laboratories

Client: Queenston (Vault Div.)
Job No. 0-155

CERTIFICATE 9214

Date:
Jan. 3, 2010

Splits

Sample #	**Au Oz/ton**	**g/tonne**
46739	0.028	0.960
46740	Pend	
46741	0.026	0.891
46742	Pend	
46743	Pend	
46744	<.001	<.03
46745	Pend	
46746	Pend	
46747	0.028	0.960
46748	0.020	0.686
46749	0.002	0.069
46750	0.002	0.069
46751	0.002	0.069
46752	0.165	5.657

Std OxL 78	0.172	5.897
Blank	<.001	<.03

9 **Splits**
5 **Pend**

Certified Assayer:

PolyMet Laboratories

Client: Queenston (Vault Div.)

CERTIFICATE 9215

Job No. 0-155

Date:
Jan. 3, 2011

Splits

Sample #	**Au Oz/ton**	**g/tonne**
46753	0.002	0.069
46754	Pend	
46755	0.002	0.069
46792	<.001	<.03
46793	0.002	0.069
46794	0.004	0.137
46795	0.022	0.754
46796	0.014	0.480
46797	0.049	1.680
46798	0.002	0.069
46799	Pend	
46800	<.001	<.03
46801	<.001	<.03
46802	Pend	
46803	Pend	
46804	Pend	
46805	Pend	
46806	Pend	
46807	Pend	
46808	0.008	0.274
46809	0.002	0.069

13 **Splits**
8 **Pend**

Std OxL 78	0.178	6.103
Blank	<.001	<.03

Certified Assayer:



PolyMet Laboratories

Client: Queenston (Vault Div.)

CERTIFICATE 9216

Job No. 0-155

Date:
Jan. 3, 2011

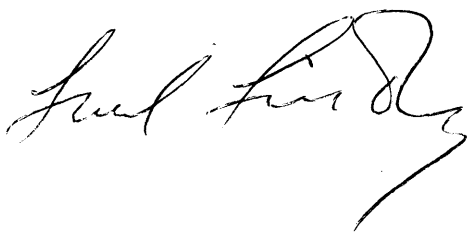
Splits

Sample #	**Au Oz/ton**	**g/tonne**
46810	Pend	
46811	0.143	4.903
46816	Pend	
46817	Pend	
46818	Pend	
46819	Pend	
46820	0.024	0.823
46821	Pend	
46822	Pend	
46823	Pend	
46824	Pend	
46825	0.022	0.754
46826	0.018	0.617
46828	0.002	0.069
46829	0.004	0.137
46830	Pend	
46831	<.001	<.03
46832	<.001	<.03
46833	0.014	0.480
46834	0.004	0.137
46835	Pend	
46839	0.002	0.069

11 **Splits**
11 **Pend**

Std OxL 78	0.178	6.103
Blank	<.001	<.03

Certified Assayer:



PolyMet Laboratories

Client: Queenston (Vault Div.)

CERTIFICATE 9217

Job No. 0-155

Date:
Jan. 3, 2011

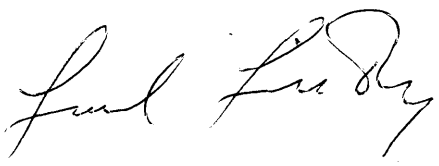
Splits

Sample #	**Au Oz/ton**	**g/tonne**
46840	0.002	0.069
46841	0.014	0.480
46842	<.001	<.03
46843	0.012	0.411
46844	0.047	1.611
46845	<.001	<.03
46846	0.008	0.274
46847	<.001	<.03
46848	<.001	<.03
46849	<.001	<.03
46850	0.002	0.069
46851	<.001	<.03
46852	<.001	<.03
46853	<.001	<.03
46854	0.014	0.480
46855	0.026	0.891
46856	0.016	0.549
46857	<.001	<.03
46859	Pend	
46860	Pend	
46861	0.163	5.589
46862	0.014	0.480

20 **Splits**
2 **Pend**

Std OxL 78	0.178	6.103
Blank	<.001	<.03

Certified Assayer:



PolyMet Laboratories

Client: Queenston (Vault Div.)

CERTIFICATE 9218

Job No. 0-155

Date:
Jan. 3, 2011

Splits

Sample #	**Au Oz/ton**	**g/tonne**
46863	<.001	<.03
46864	0.004	0.137
46865	0.002	0.069
46866	0.002	0.069
46867	<.001	<.03
46868	<.001	<.03
46869	0.048	1.646
46870	0.002	0.069
46871	0.002	0.069
46872	0.024	0.823
46873	Pend	
48353	0.010	0.343
48354	0.004	0.137
48355	0.012	0.411
48356	0.004	0.137
48357	0.026	0.891
48358	<.001	<.03
48359	<.001	<.03
48360	Pend	
48361	0.006	0.206
48362	Pend	

18 **Splits**
3 **Pend**

Std OxL 78	0.178	6.103
Blank	<.001	<.03

Certified Assayer:

PolyMet Laboratories

Client: Queenston (Vault Div.)

CERTIFICATE 9219

Job No. 0-155

Date:
Jan. 3, 2011

Splits

Sample #	**Au Oz/ton**	**g/tonne**
48363	0.012	0.411
48364	0.016	0.549
48365	Pend	
48366	<.001	<.03
48367	<.001	<.03
48368	<.001	<.03
48369	0.052	1.783
48370	<.001	<.03
48371	<.001	<.03
48372	<.001	<.03
48373	<.001	<.03
48374	<.001	<.03
48375	<.001	<.03
48376	<.001	<.03
48377	<.001	<.03
48378	<.001	<.03
48379	<.001	<.03
48380	<.001	<.03
48381	<.001	<.03
48382	<.001	<.03
48383	0.018	0.617
48384	<.001	<.03

21 **Splits**
1 **Pend**

Std OxL 78	0.176	6.034
Blank	<.001	<.03

Certified Assayer:

PolyMet Laboratories

Client: Queenston (Vault Div.)

CERTIFICATE 9220

Job No. 0-155

Date:
Jan. 3, 2011

Splits

Sample #	**Au Oz/ton**	**g/tonne**
48385	<.001	<.03
48386	<.001	<.03
48387	<.001	<.03
48388	<.001	<.03
48389	0.006	0.206
48390	<.001	<.03
48391	<.001	<.03
48392	<.001	<.03
48393	<.001	<.03
48394	0.002	0.069
48395	0.022	0.754
48396	0.002	0.069
48397	0.004	0.137
48398	0.164	5.623
48399	0.014	0.480
48400	0.012	0.411
48401	<.001	<.03
48402	0.028	0.960
48403	0.010	0.343
48404	0.014	0.480
48405	0.006	0.206
48406	Pend	

21 **Splits**
1 **Pend**

Std OxL 78	0.176	6.034
Blank	<.001	<.03

Certified Assayer:



PolyMet Laboratories

Client: Queenston (Vault Div.)

CERTIFICATE **9221**

Job No. 0-155

Date: 3-Jan

	Original		Check	
Sample #	**Au Oz/ton**	**g/tonne**	**Au Oz/ton**	**g/tonne**
46740	0.060	2.057	0.042	1.440
46742	0.056	1.920	0.056	1.920
46743	0.060	2.057	0.070	2.400
46745	0.092	3.154	0.094	3.223
46746	0.622	21.326	0.646	22.149
46754	0.064	2.194	0.054	1.851
46799	0.038	1.303	0.036	1.234
46802	0.040	1.371	0.034	1.166
46803	0.068	2.331	0.068	2.331
46804	0.052	1.783	0.048	1.646
46805	0.056	1.920	0.060	2.057
46806	0.044	1.509	0.036	1.234
46807	0.130	4.457	0.104	3.566
46810	0.122	4.183	0.136	4.663
46816	0.386	13.234	0.342	11.726
46817	0.502	17.212	0.438	15.017
46818	0.154	5.280	0.156	5.349
46819	0.092	3.154	0.076	2.606
46821	0.082	2.811	0.084	2.880
46822	0.212	7.269	0.360	12.343
46823	0.156	5.349	0.110	3.771
46824	1.382	47.383	1.348	46.218
46830	0.050	1.714	0.060	2.057
46835	0.030	1.029	0.030	1.029

24 + 48

Certified Assayer:

PolyMet Laboratories

Client: Queenston (Vault Div.)

CERTIFICATE 9222

Job No. 0-155

Date:
Jan. 4, 2011

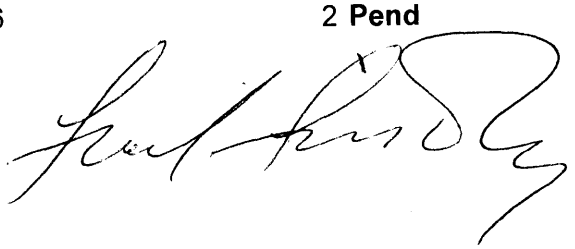
Splits

Sample #	**Au Oz/ton**	**g/tonne**
48407	0.002	0.069
48408	<.001	<.03
48409	<.001	<.03
48410	<.001	<.03
48411	<.001	<.03
48412	<.001	<.03
48413	<.001	<.03
48414	<.001	<.03
48415	Pend	
48416	<.001	<.03
48417	0.020	0.686
48418	Pend	
48419	0.018	0.617
48420	0.016	0.549
48421	<.001	<.03
48422	<.001	<.03
48423	0.002	0.069
48424	0.004	0.137
48425	0.002	0.069
48426	<.001	<.03

18 **Splits**
2 **Pend**

Std OxL 78	0.174	5.966
Blank	<.001	<.03

Certified Assayer:



PolyMet Laboratories

Client: Queenston (Vault Div.)
Job No. 0-155

CERTIFICATE **9223**

Date:
Jan. 4, 2010

	Original		Check	
Sample #	**Au Oz/ton**	**g/tonne**	**Au Oz/ton**	**g/tonne**
46859	0.070	2.400	0.078	2.674
46860	0.066	2.263	0.072	2.469
46873	0.126	4.320	0.110	3.771
48360	0.070	2.400	0.064	2.194
48362	0.182	6.240	0.142	4.869
48365	0.032	1.097	0.032	1.097
48406	0.032	1.097	0.026	0.891
48415	0.054	1.851	0.052	1.783
48418	0.054	1.851	0.052	1.783

9 + 18

Certified Assayer:

PolyMet Labs
A Division of Polymet Resources Ltd.

1 Presley St, P.O. Box 699, Cobalt, Ontario, Canada P0J 1C0
Tel: (705) 679-5500 • Fax: (705) 679-5519
Email: info@polymetinc.com Website: www.polymetinc.com

Certificate of Analysis

Queenston Mining Inc.
(Vault Division)

We certify that the assay results in the following Certificates are factual and true.

Certificate #'s 9253 & 9254

Certified by: Paula Johnson
Chief Assayer

Certified by: _____
President/Manager

Date: Jan. 7, 2011

Disclaimer: The results included on this report relate only to the items tested. The Certificate of Analysis should not be reproduced except in full, without the written approval of the laboratory.

PolyMet Laboratories

Client: Queenston (Vault Div.)

CERTIFICATE 9253

Job No. 0-155

Date: Rush **Splits**

Jan. 7, 2011

Sample #	**Au Oz/ton**	**g/tonne**
46812	0.028	0.960
46813	0.026	0.891
46814	Pend	

2 **Splits**

1 **Pend**

Std OxL 78	0.174	5.966
Blank	<.001	<.03

Certified Assayer:

PolyMet Laboratories

		Client:	Queenston (Vault Div.)
CERTIFICATE	**9254**	Job No.	0-155

Date: Jan ,7,2011 Rush **Original** **Check**

Sample #	**Au Oz/ton**	**g/tonne**	**Au Oz/ton**	**g/tonne**
46814	0.094	3.223	0.094	3.223

1 + 2

Certified Assayer:

PolyMet Labs
A Division of Polymet Resources Ltd.

1 Presley St, P.O. Box 699, Cobalt, Ontario, Canada P0J 1C0
Tel: (705) 679-5500 • Fax: (705) 679-5519
Email: info@polymetinc.com Website: www.polymetinc.com

Certificate of Analysis

Queenston Mining Inc.
(Vault Division)

We certify that the assay results in the following Certificates are factual and true.

Certificate #'s 9267, 9268, 9269, 9270, 9271, 9272, 9273, 9274 & 9275

Certified by: _____
Chief Assayer

Certified by: _____
President/Manager

Date: Jan. 10, 2011

Disclaimer: The results included on this report relate only to the items tested. The Certificate of Analysis should not be reproduced except in full, without the written approval of the laboratory.

PolyMet Laboratories

Client: Queenston (Vault Div.)

CERTIFICATE 9267

Job No. 0-155

Date:
Jan. 10, 2011

Splits

Sample #	**Au Oz/ton**	**g/tonne**
51608	Pend	
51609	<.001	<.03
51610	<.001	<.03
51611	<.001	<.03
51612	0.004	0.137
51613	0.012	0.411
51614	0.008	0.274
51615	<.001	<.03
51616	0.022	0.754
51617	0.004	0.137
51618	<.001	<.03
51619	0.008	0.274
51620	<.001	<.03
51621	<.001	<.03
51622	0.166	5.691
51623	<.001	<.03
51624	0.008	0.274
51625	<.001	<.03

17 **Splits**
1 **Pend**

Std OxL 78	0.174	5.966
Blank	<.001	<.03

Certified Assayer:

PolyMet Laboratories

Client: Queenston (Vault Div.)

CERTIFICATE 9268

Job No. 0-155

Date:
Jan. 10, 2011

Splits

Sample #	**Au Oz/ton**	**g/tonne**
51626	0.006	0.206
51627	0.002	0.069
51628	<.001	<.03
51629	0.004	0.137
51630	0.006	0.206
51631	0.002	0.069
51632	<.001	<.03
51633	<.001	<.03
51634	<.001	<.03
51635	<.001	<.03
51636	<.001	<.03
51637	<.001	<.03
51638	<.001	<.03
51639	0.018	0.617
51640	<.001	<.03
51641	0.049	1.680
51642	0.004	0.137
51643	0.006	0.206
51644	<.001	<.03
51645	0.010	0.343
51646	0.010	0.343
51647	0.004	0.137

22 **Splits**

Std OxL 78	0.174	5.966
Blank	<.001	<.03

Certified Assayer:

PolyMet Laboratories

Client: Queenston (Vault Div.)

CERTIFICATE 9269 Job No. 0-155

Date:
Jan. 10, 2011

Splits

Sample #	**Au Oz/ton**	**g/tonne**
51648	<.001	<.03
51649	<.001	<.03
51650	<.001	<.03
51651	<.001	<.03
51652	<.001	<.03
51653	0.006	0.206
51654	<.001	<.03
51655	0.002	0.069
51656	0.012	0.411
51657	Pend	<.03 ←
51658	<.001	<.03
51659	0.026	0.891
51660	0.012	0.411
51661	<.001	<.03
51662	0.010	0.343
51663	0.030	1.029
51664	<.001	<.03
51665	0.166	5.691
51666	<.001	<.03
51667	0.004	0.137
51668	<.001	<.03
51669	0.014	0.480

21 **Splits**
1 **Pend**

Std OxL 78	0.178	6.103
Blank	<.001	<.03

Certified Assayer:

PolyMet Laboratories

Client: Queenston (Vault Div.)

CERTIFICATE 9270

Job No. 0-155

Date:
Jan. 10, 2011

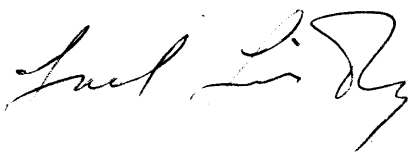
Splits

Sample #	**Au Oz/ton**	**g/tonne**
51670	0.014	0.480
51671	<.001	<.03
51672	0.004	0.137
51673	<.001	<.03
46874	<.001	<.03
46875	<.001	<.03
46876	0.008	0.274
46877	<.001	<.03
46878	0.018	0.617
46879	0.169	5.794
46880	Pend	
46881	0.010	0.343
46882	0.010	0.343
46883	0.028	0.960
46884	<.001	<.03
46885	0.014	0.480

15 **Splits**
1 **Pend**

Std OxL 78	0.178	6.103
Blank	<.001	<.03

Certified Assayer:



PolyMet Laboratories

Client: Queenston (Vault Div.)

CERTIFICATE 9271

Job No. 0-155

Date:
Jan. 10, 2011

Splits

Sample #	**Au Oz/ton**	**g/tonne**
46886	0.008	0.274
46887	0.004	0.137
46888	0.012	0.411
46889	<.001	<.03
46890	0.008	0.274
46891	<.001	<.03
46892	<.001	<.03
46893	0.048	1.646
46894	0.026	0.891
46895	<.001	<.03
46896	<.001	<.03
46897	0.006	0.206
46898	<.001	<.03
46899	0.004	0.137
46900	<.001	<.03
46901	<.001	<.03
46902	<.001	<.03
46903	<.001	<.03
46904	<.001	<.03
46905	<.001	<.03
46906	<.001	<.03

21 **Splits**

Std OxL 78	0.178	6.103
Blank	<.001	<.03

Certified Assayer:

PolyMet Laboratories

Client: Queenston (Vault Div.)
Job No. 0-155

CERTIFICATE 9272
revised

Date:
Jan. 10, 2011

Splits

Sample #	**Au Oz/ton**	**g/tonne**
46907	<.001	<.03
46908	<.001	<.03
46909	<.001	<.03
46910	0.008	0.274
46911	<.001	<.03
46912	<.001	<.03
46836	0.020	0.686
46837	0.028	0.960
46838	0.026	0.891
46815	<.001	<.03
46827	0.002	0.069
46858	<.001	<.03
46913	<.001	<.03
46914	0.002	0.069
46915	0.014	0.480
46916	0.014	0.480
46917	0.004	0.137
46918	<.001	<.03
46919	0.170	5.829
46920	0.006	0.206
46921	0.016	0.549
46922	<.001	<.03

22 **Splits**

Std OxL 78	0.178	6.103
Blank	<.001	<.03

Certified Assayer:

PolyMet Laboratories

Client: Queenston (Vault Div.)

CERTIFICATE 9273

Job No. 0-155

Date:
Jan. 11, 2011

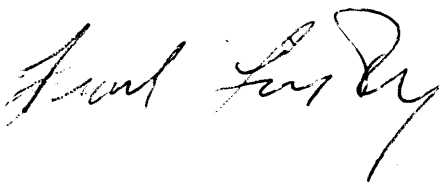
Splits

Sample #	**Au Oz/ton**	**g/tonne**
46923	<.001	<.03
46924	0.002	0.069
46925	<.001	<.03
46926	0.014	0.480
46927	<.001	<.03
46928	<.001	<.03
46929	0.028	0.960
46930	0.002	0.069
46931	0.006	0.206
46932	0.022	0.754
46933	0.002	0.069
46934	0.006	0.206
46935	<.001	<.03
46936	0.002	0.069
46937	<.001	<.03
46938	0.024	0.048
46939	<.001	<.03
46940	0.004	0.137
46941	<.001	<.03
46942	Pend	
46943	<.001	<.03

20 **Splits**
1 **Pend**

Std OxL 78	0.176	6.034
Blank	<.001	<.03

Certified Assayer:



PolyMet Laboratories

Client: Queenston (Vault Div.)

CERTIFICATE 9274

Job No. 0-155

Date:
Jan. 11, 2011

Splits

Sample #	**Au Oz/ton**	**g/tonne**
46944	<.001	<.03
46945	0.002	0.069
46946	0.008	0.274
46947	<.001	<.03
46948	0.004	0.137
46949	0.008	0.274
46950	Pend	
46951	0.014	0.480
46952	<.001	<.03
46953	Pend	
46954	Pend	
46955	0.004	0.137
46956	<.001	<.03
46957	0.016	0.549
46958	Pend	
46959	Pend	
46960	Pend	

Std OxL 78	0.176	6.034
Blank	<.001	<.03

11 **Splits**
6 **Pend**

Certified Assayer:

PolyMet Laboratories

Client: Queenston (Vault Div.)

CERTIFICATE **9275** Job No. 0-155

Date: Jan. 11, 2011

	Original		**Check**	
Sample #	**Au Oz/ton**	**g/tonne**	**Au Oz/ton**	**g/tonne**
51608	0.052	1.783	0.046	1.577
51657	0.056	1.920	0.058	1.989
46880	0.078	2.674	0.072	2.469
46942	0.042	1.440	0.044	1.509
46950	0.056	1.920	0.040	1.371
46953	0.034	1.166	0.040	1.371
46954	0.038	1.303	0.050	1.714
46958	0.146	5.006	0.178	6.103
46959	0.082	2.811	0.044	1.509
46960	0.192	6.583	0.140	4.800

10 + 20

Certified Assayer:

PolyMet Labs
A Division of Polymet Resources Ltd.

1 Presley St, P.O. Box 699, Cobalt, Ontario, Canada P0J 1C0
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Email: info@polymetinc.com Website: www.polymetinc.com

Certificate of Analysis

Queenston Mining Inc.
(Vault Division)

We certify that the assay results in the following Certificates are factual and true.

Certificate #'s 9294, 9295, 9296, 9297, 9298, 9299 & 9300

Certified by: _____
Chief Assayer

Certified by: _____
President/Manager

Date: Jan. 13, 2011

Disclaimer: The results included on this report relate only to the items tested. The Certificate of Analysis should not be reproduced except in full, without the written approval of the laboratory.

PolyMet Laboratories

Client: Queenston (Vault Div.)

CERTIFICATE 9294

Job No. 0-155

Date:
Jan. 13, 2011

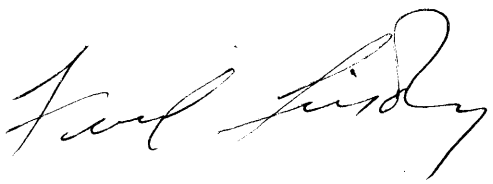
Splits

Sample #	**Au Oz/ton**	**g/tonne**
46961	<.001	<.03
46962	0.026	0.891
46963	0.165	5.657
46964	<.001	<.03
46965	<.001	<.03
46966	<.001	<.03
46967	0.004	0.137
46968	<.001	<.03

8 **Splits**

Std OxL 78	0.172	5.897
Blank	<.001	<.03

Certified Assayer:



PolyMet Laboratories

Client: Queenston (Vault Div.)

CERTIFICATE 9295 Job No. 0-155

Date:
Jan. 13, 2011

Splits

Sample #	**Au Oz/ton**	**g/tonne**
46969	<.001	<.03
46970	<.001	<.03
46971	<.001	<.03
46972	<.001	<.03
46973	<.001	<.03
46974	<.001	<.03
46975	<.001	<.03
46976	0.006	0.206
46977	<.001	<.03
46978	0.006	0.206
46979	0.050	1.714
46980	0.006	0.206
46981	<.001	<.03
46982	0.002	0.069
46983	<.001	<.03
46984	0.024	0.823
46985	0.006	0.206
46986	0.006	0.206
46987	<.001	<.03
46988	<.001	<.03
46989	0.154	5.280
46990	<.001	<.03

22 **Splits**

Std OxL 78	0.176	6.034
Blank	<.001	<.03

Certified Assayer:

PolyMet Laboratories

Client: Queenston (Vault Div.)

CERTIFICATE 9296

Job No. 0-155

Date:
Jan. 13, 2011

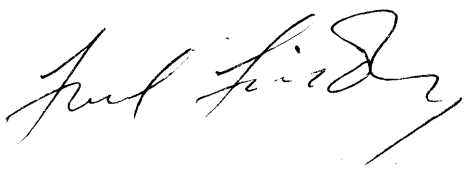
Splits

Sample #	**Au Oz/ton**	**g/tonne**
46991	Pend	
46992	<.001	<.03
46993	Pend	
46994	Pend	
46995	0.020	0.686
46996	0.024	0.823
46997	Pend	
46998	Pend	
46999	Pend	
47000	0.018	0.617
47001	0.014	0.480
47002	Pend	
47003	0.022	0.754
47004	Pend	
47005	<.001	<.03
47006	Pend	
47007	0.053	1.817
47008	Pend	
47009	Pend	
47010	<.001	<.03
47011	0.028	0.960

10 **Splits**
11 **Pend**

Std OxL 78	0.176	6.034
Blank	<.001	<.03

Certified Assayer:



PolyMet Laboratories

Client: Queenston (Vault Div.)

CERTIFICATE 9297

Job No. 0-155

Date:
Jan. 13, 2011

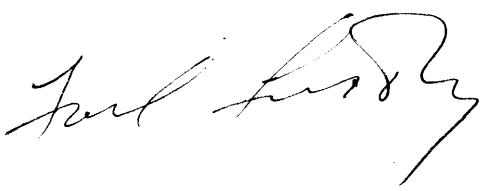
Splits

Sample #	**Au Oz/ton**	**g/tonne**
47012	0.004	0.137
47013	Pend	
47014	0.018	0.617
47015	0.028	0.960
47016	Pend	
47017	Pend	
47018	<.001	<.03
47019	0.022	0.754
47020	Pend	
47021	Pend	
47022	0.163	5.589
47023	Pend	
47024	Pend	
47025	Pend	
47026	Pend	
47027	Pend	
47028	0.016	0.549
47029	Pend	
47030	Pend	
47031	Pend	
47032	<.001	<.03
47033	Pend	

8 **Splits**
14 **Pend**

Std OxL 78	0.176	6.034
Blank	<.001	<.03

Certified Assayer:



PolyMet Laboratories

Client: Queenston (Vault Div.)

CERTIFICATE 9298

Job No. 0-155

Date:
Jan. 13, 2011

Splits

Sample #	**Au Oz/ton**	**g/tonne**
47034	Pend	
47035	0.002	0.069
47036	0.048	1.646
47037	<.001	<.03
47038	<.001	<.03
47039	<.001	<.03
47040	<.001	<.03
47041	0.002	0.069
47042	0.016	0.549
47043	0.016	0.549
47044	0.028	0.960
47045	<.001	<.03
47046	<.001	<.03
47047	0.160	5.486
47048	0.010	0.343
47049	0.006	0.206
47050	0.026	0.891
47051	0.010	0.343
47052	0.002	0.069
47053	Pend	
47054	<.001	<.03

19 **Splits**
2 **Pend**

Std OxL 78	0.176	6.034
Blank	<.001	<.03

Certified Assayer:



PolyMet Laboratories

Client: Queenston (Vault Div.)

CERTIFICATE **9299** Job No. 0-155

Date: Jan. 13, 2011

	Original		**Check**	
Sample #	**Au Oz/ton**	**g/tonne**	**Au Oz/ton**	**g/tonne**
46991	0.064	2.194	0.090	3.086
46993	0.070	2.400	0.070	2.400
46994	0.058	1.989	0.072	2.469
46997	0.182	6.240	0.272	9.326
46998	0.038	1.303	0.036	1.234
46999	0.056	1.920	0.054	1.851
47002	0.064	2.194	0.068	2.331
47004	0.038	1.303	0.030	1.029
47006	0.034	1.166	0.026	0.891
47008	0.346	11.863	0.272	9.326
47009	0.052	1.783	0.034	1.166
47013	0.078	2.674	0.064	2.194
47016	0.084	2.880	0.096	3.291
47017	0.046	1.577	0.048	1.646
47020	0.058	1.989	0.060	2.057
47021	0.050	1.714	0.052	1.783
47023	0.040	1.371	0.048	1.646

17 + 34

Certified Assayer: 

PolyMet Laboratories

Client: Queenston (Vault Div.)

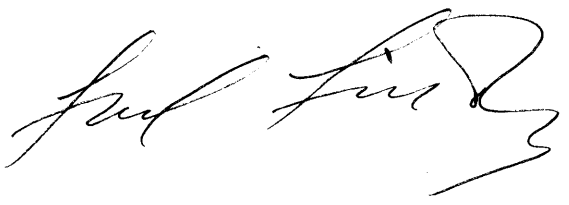
CERTIFICATE **9300**

Job No. 0-155

Date:
Jan. 13, 2011

	Original		**Check**	
Sample #	**Au Oz/ton**	**g/tonne**	**Au Oz/ton**	**g/tonne**
47024	0.100	3.429	0.098	3.360
47025	0.038	1.303	0.038	1.303
47026	0.142	4.869	0.144	4.937
47027	0.146	5.006	0.170	5.829
47029	0.114	3.909	0.128	4.389
47030	0.222	7.611	0.232	7.954
47031	0.058	1.989	0.070	2.400
47033	0.114	3.909	0.102	3.497
47034	0.122	4.183	0.154	5.280
47053	0.034	1.166	0.054	1.851

10 + 20

Certified Assayer: 

PolyMet Labs
A Division of Polymet Resources Ltd.

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Email: info@polymetinc.com Website: www.polymetinc.com

Certificate of Analysis

Queenston Mining Inc.
(Vault Division)

We certify that the assay results in the following Certificates are factual and true.

Certificate #'s 9309, 9310, 9311, & 9312

Certified by: _____
Chief Assayer

Certified by: _____
Acting Manager

Date: Jan. 14, 2011

Disclaimer: The results included on this report relate only to the items tested. The Certificate of Analysis should not be reproduced except in full, without the written approval of the laboratory.

PolyMet Laboratories

Client: Queenston (Vault Div.)

CERTIFICATE 9309 Job No. 0-155

Date: **Splits**
Jan. 14, 2011

Sample #	**Au Oz/ton**	**g/tonne**
51674	<.001	<.03
51675	<.001	<.03
51676	<.001	<.03
51677	0.002	0.069
51678	<.001	<.03
51679	<.001	<.03
51680	<.001	<.03
51681	0.002	0.069
51682	<.001	<.03

9 **Splits**

Std OxL 78	0.172	5.897
Blank	<.001	<.03

Certified Assayer:

PolyMet Laboratories

Client: Queenston (Vault Div.)

CERTIFICATE 9310 Job No. 0-155

Date:
Jan. 14, 2011

Splits

Sample #	**Au Oz/ton**	**g/tonne**
51683	<.001	<.03
51684	<.001	<.03
51685	<.001	<.03
51686	0.002	0.069
51687	<.001	<.03
51688	<.001	<.03
51689	0.002	0.069
51690	0.016	0.549
51691	0.028	0.960
51692	<.001	<.03
51693	0.002	0.069
51694	0.052	1.783
51695	0.004	0.137
51696	0.014	0.480
51697	0.006	0.206
51698	0.002	0.069
51699	<.001	<.03
51700	<.001	<.03
51701	<.001	<.03
51702	<.001	<.03
51703	<.001	<.03
51704	<.001	<.03

22 **Splits**

Std OxL 78	0.178	6.103
Blank	<.001	<.03

Certified Assayer:

PolyMet Laboratories

Client: Queenston (Vault Div.)

CERTIFICATE 9311

Job No. 0-155

Date:
Jan. 14, 2011

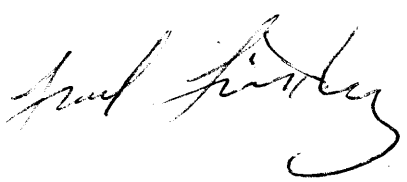
Splits

Sample #	**Au Oz/ton**	**g/tonne**
51705	<.001	<.03
51706	<.001	<.03
51707	<.001	<.03
51708	0.049	1.680
51709	0.010	0.343
51710	0.016	0.549
51711	<.001	<.03
51712	<.001	<.03
51713	0.002	0.069
51714	<.001	<.03
51715	<.001	<.03
51716	<.001	<.03
51717	<.001	<.03
51718	0.165	5.657
51719	<.001	<.03
51720	0.020	0.686
51721	<.001	<.03
51722	0.006	0.206
51723	0.008	0.274
51724	0.028	0.960
51725	0.008	0.274

21 **Splits**

Std OxL 78	0.178	6.103
Blank	<.001	<.03

Certified Assayer:



PolyMet Laboratories

Client: Queenston (Vault Div.)

CERTIFICATE 9312

Job No. 0-155

Date:
Jan. 14, 2011

Splits

Sample #	**Au Oz/ton**	**g/tonne**
51726	0.002	0.069
51727	<.001	<.03
51728	<.001	<.03
51729	<.001	<.03
51730	<.001	<.03
51731	<.001	<.03
51732	<.001	<.03
51733	<.001	<.03
51734	0.008	0.274
51735	<.001	<.03
51736	<.001	<.03
51737	<.001	<.03
51738	<.001	<.03
51739	<.001	<.03
51740	0.010	0.343
51741	0.008	0.274
51742	0.010	0.343
51743	0.008	0.274
51744	0.002	0.069
51745	0.162	5.554
51746	0.006	0.206
51747	<.001	<.03

22 **Splits**

Std OxL 78	0.176	6.034
Blank	<.001	<.03

Certified Assayer:



PolyMet Labs
A Division of Polymet Resources Ltd.

1 Presley St, P.O. Box 699, Cobalt, Ontario, Canada P0J 1C0
Tel: (705) 679-5500 • Fax: (705) 679-5519
Email: info@polymetinc.com Website: www.polymetinc.com

Certificate of Analysis

Queenston Mining Inc.
(Vault Division)

We certify that the assay results in the following Certificates are factual and true.

Certificate #'s 9313, 9314, 9315, 9316, & 9317

Certified by: _____
Chief Assayer

Certified by: _____
Acting Manager

Date: Jan. 17, 2011

Disclaimer: The results included on this report relate only to the items tested. The Certificate of Analysis should not be reproduced except in full, without the written approval of the laboratory.

PolyMet Laboratories

Client: Queenston (Vault Div.)

CERTIFICATE 9313

Job No. 0-155

Date:
Jan. 17, 2011

Splits

Sample #	**Au Oz/ton**	**g/tonne**
51748	<.001	<.03
51749	<.001	<.03
51750	<.001	<.03
51751	0.002	0.069
51752	<.001	<.03
51753	<.001	<.03
51754	<.001	<.03
51755	<.001	<.03
51756	0.004	0.137
51757	<.001	<.03
51758	<.001	<.03
51759	0.002	0.069
51760	Pend	
51761	<.001	<.03
51762	Pend	
51763	Pend	
51764	<.001	<.03
51765	0.049	1.680
51766	0.028	0.960
51767	<.001	<.03
51768	<.001	<.03
51769	<.001	<.03

19 **Splits**
3 **Pend**

Std OxL 78	0.176	6.034
Blank	<.001	<.03

Certified Assayer:



PolyMet Laboratories

CERTIFICATE 9314

Client: Queenston (Vault Div.)
Job No. 0-155

Date:
Jan. 17, 2011

Splits

Sample #	**Au Oz/ton**	**g/tonne**
51770	0.004	0.137
51771	0.028	0.960
51772	0.028	0.960
51773	Pend	
51774	<.001	<.03
51775	Pend	
51776	Pend	
51777	Pend	
51778	0.161	5.520
51779	Pend	
51780	0.004	0.137
51781	0.004	0.137
51782	0.014	0.480
51783	0.006	0.206
51784	Pend	
51785	Pend	
51786	0.018	0.617
51787	0.010	0.343
51788	0.016	0.549
51789	Pend	
51790	0.014	0.480

13 **Splits**
8 **Pend**

Std OxL 78	0.176	6.034
Blank	<.001	<.03

Certified Assayer:

PolyMet Laboratories

Client: Queenston (Vault Div.)

CERTIFICATE 9315

Job No. 0-155

Date:
Jan. 17, 2011

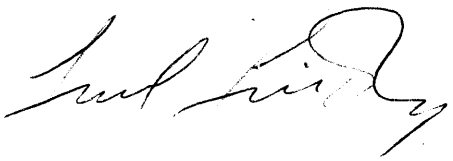
Splits

Sample #	**Au Oz/ton**	**g/tonne**
51791	0.008	0.274
51792	0.002	0.069
51793	0.050	1.714
51794	0.020	0.686
51795	Pend	
51796	<.001	<.03
51797	Pend	
51798	<.001	<.03
51799	Pend	
51800	Pend	
51801	Pend	
51802	Pend	
51803	<.001	<.03
51804	<.001	<.03
51805	0.028	0.960
51806	<.001	<.03
51807	<.001	<.03
51808	<.001	<.03
51809	0.048	1.646
51810	Pend	
51811	<.001	<.03
51812	0.012	0.411

15 **Splits**
7 **Pend**

Std OxL 78	0.176	6.034
Blank	<.001	<.03

Certified Assayer:



PolyMet Laboratories

Client: Queenston (Vault Div.)

CERTIFICATE 9316 Job No. 0-155

Date:
Jan. 17, 2011

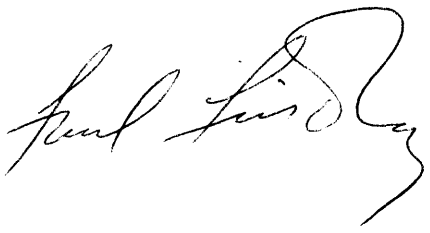
Splits

Sample #	**Au Oz/ton**	**g/tonne**
51813	<.001	<.03
51814	<.001	<.03
51815	0.006	0.206
51816	<.001	<.03
51817	0.004	0.137
51818	<.001	<.03
51819	0.002	0.069

7 **Splits**

Std OxL 78	0.176	6.034
Blank	<.001	<.03

Certified Assayer:



PolyMet Laboratories

Client: Queenston (Vault Div.)

CERTIFICATE **9317**

Job No. 0-155

Date:
Jan. 17, 2011

	Original		**Check**	
Sample #	**Au Oz/ton**	**g/tonne**	**Au Oz/ton**	**g/tonne**
51760	0.040	1.371	0.054	1.851
51762	0.034	1.166	0.054	1.851
51763	0.038	1.303	0.042	1.440
51773	0.338	11.589	0.384	13.166
51775	0.032	1.097	0.036	1.234
51776	0.042	1.440	0.048	1.646
51777	0.040	1.371	0.048	1.646
51779	0.092	3.154	0.094	3.223
51784	0.034	1.166	0.038	1.303
51785	0.036	1.234	0.032	1.097
51789	0.100	3.429	0.112	3.840
51795	0.134	4.594	0.214	7.337
51797	0.136	4.663	0.106	3.634
51799	0.046	1.577	0.032	1.097
51800	0.108	3.703	0.092	3.154
51801	0.081	2.777	0.080	2.743
51802	0.064	2.194	0.068	2.331
51810	0.164	5.623	0.164	5.623

18 + 36

Certified Assayer:

PolyMet Labs
A Division of Polymet Resources Ltd.

1 Presley St, P.O. Box 699, Cobalt, Ontario, Canada P0J 1C0
Tel: (705) 679-5500 • Fax: (705) 679-5519
Email: info@polymetinc.com Website: www.polymetinc.com

Certificate of Analysis

Queenston Mining Inc.
(Vault Division)

We certify that the assay results in the following Certificates are factual and true.

Certificate #'s 9400, 9401, 9402, 9403, 9404, 9405, 9406, 9407, 9408, & 9409

Certified by: _____
Chief Assayer

Certified by: _____
President/Manager

Date: Jan. 26, 2011

Disclaimer: The results included on this report relate only to the items tested. The Certificate of Analysis should not be reproduced except in full, without the written approval of the laboratory.

PolyMet Laboratories

Client: Queenston (Vault Div.)

CERTIFICATE 9400

Job No. 0-155

Date:
Jan. 26, 2011

Splits

Sample #	**Au Oz/ton**	**g/tonne**
51820	<.001	<.03
51821	<.001	<.03
51822	0.004	0.137
51823	0.012	0.411
51824	0.010	0.343
51825	0.012	0.411
51826	0.010	0.343
51827	<.001	<.03
51828	<.001	<.03
51829	0.004	0.137
51830	0.165	5.657
51831	0.008	0.274
51832	<.001	<.03
51833	<.001	<.03
51834	<.001	<.03
51835	<.001	<.03
51836	0.006	0.206
51837	0.006	0.206
51838	<.001	<.03
51839	<.001	<.03
51840	0.008	0.274
51841	Pend	
51842	Pend	
51843	0.016	0.549
51844	0.016	0.549
51845	0.054	1.851
51846	Pend	
51847	<.001	<.03
51848	Pend	

25 **Splits**
4 **Pend**

Std OxN 77	0.234	8.023
Blank	<.001	<.03

Certified Assayer:

PolyMet Laboratories

Client: Queenston (Vault Div.)

CERTIFICATE 9401

Job No. 0-155

Date:
Jan. 26, 2011

Splits

Sample #	**Au Oz/ton**	**g/tonne**
51849	Pend	
51850	Pend	
51851	Pend	
51852	Pend	
51853	Pend	
51854	Pend	
51855	Pend	
51856	Pend	
51857	Pend	
51858	Pend	
51859	<.001	<.03
51860	Pend	
51861	Pend	
51862	0.028	0.960
51863	0.014	0.480
51864	Pend	
51865	<.001	<.03
51866	0.163	5.589
51867	0.018	0.617
51868	<.001	<.03
51869	<.001	<.03

		8 **Splits**
Std OxN 77	0.230	7.886 13 **Pend**
Blank	<.001	<.03

Certified Assayer:



PolyMet Laboratories

Client: Queenston (Vault Div.)

CERTIFICATE 9402 Job No. 0-155

Date:
Jan. 26, 2011

Splits

Sample #	**Au Oz/ton**	**g/tonne**
51870	Pend	
51871	0.024	0.823
51872	0.002	0.069
51873	Pend	
51874	0.006	0.206
51875	0.022	0.754
51876	<.001	<.03
51877	Pend	
51878	0.004	0.137
51879	Pend	
51880	0.022	0.754
51881	0.026	0.891
51882	0.012	0.411
51883	Pend	
51884	Pend	
51885	<.001	<.03
51886	Pend	
51887	Pend	
51888	Pend	
51889	<.001	<.03
51890	<.001	<.03
51891	0.051	1.749

13 **Splits**
9 **Pend**

Std OxN 77	0.230	7.886
Blank	<.001	<.03

Certified Assayer:



PolyMet Laboratories

Client: Queenston (Vault Div.)

CERTIFICATE 9403

Job No. 0-155

Date:
Jan. 26, 2011

Splits

Sample #	**Au Oz/ton**	**g/tonne**
51892	<.001	<.03
51893	<.001	<.03
51894	<.001	<.03
51895	<.001	<.03
51896	<.001	<.03
51897	<.001	<.03
51898	0.008	0.274
51899	<.001	<.03
51949	0.002	0.069
51950	<.001	<.03
51951	0.006	0.206
51952	0.010	0.343
51953	0.010	0.343
51954	0.008	0.274
51955	<.001	<.03
51956	<.001	<.03
51957	<.001	<.03
51958	0.010	0.343
51959	0.006	0.206
51960	0.167	5.726
51961	<.001	<.03
51962	0.002	0.069

22 **Splits**

Std OxN 77	0.232	7.954
Blank	<.001	<.03

Certified Assayer:

PolyMet Laboratories

Client: Queenston (Vault Div.)

CERTIFICATE 9404

Job No. 0-155

Date:
Jan. 26, 2011

Splits

Sample #	**Au Oz/ton**	**g/tonne**
51963	0.014	0.480
51964	0.016	0.549
51965	Pend	
51966	<.001	<.03
51967	Pend	
51968	0.012	0.411
51969	0.008	0.274
51970	0.018	0.617
51971	Pend	
51972	0.026	0.891
51973	0.026	0.891
51974	0.014	0.480
51975	0.002	0.069
51976	0.026	0.891
51977	0.008	0.274
51978	<.001	<.03
51979	<.001	<.03
52206	<.001	<.03
52207	<.001	<.03
52208	0.008	0.274
52209	<.001	<.03

18 **Splits**
3 **Pend**

Std OxN 77	0.232	7.954
Blank	<.001	<.03

Certified Assayer:



PolyMet Laboratories

Client: Queenston (Vault Div.)

CERTIFICATE 9406

Job No. 0-155

Date:
Jan. 26, 2011

Splits

Sample #	**Au Oz/ton**	**g/tonne**
52232	<.001	<.03
52233	<.001	<.03
52234	0.004	0.137
52235	<.001	<.03
52236	0.051	1.749
52237	<.001	<.03
52238	<.001	<.03
52239	<.001	<.03
52240	0.002	0.069
52241	0.010	0.343
52242	<.001	<.03
52243	<.001	<.03
52244	0.008	0.274
52245	<.001	<.03
52246	0.006	0.206
52247	0.004	0.137
52248	<.001	<.03
52249	0.002	0.069
52250	0.168	5.760
52251	0.002	0.069
52252	<.001	<.03
52253	Pend	

21 **Splits**
1 **Pend**

Std OxN 77	0.232	7.954
Blank	<.001	<.03

Certified Assayer:



PolyMet Laboratories

Client: Queenston (Vault Div.)

CERTIFICATE 9407

Job No. 0-155

Date:
Jan. 26, 2011

Splits

Sample #	**Au Oz/ton**	**g/tonne**
52254	<.001	<.03
52255	0.024	0.823
52256	0.004	0.137
52257	<.001	<.03
52258	<.001	<.03
52259	<.001	<.03
52260	<.001	<.03
52261	<.001	<.03
52262	<.001	<.03
52263	<.001	<.03
52264	<.001	<.03
52265	<.001	<.03
52266	<.001	<.03
52267	<.001	<.03
52268	<.001	<.03
52269	<.001	<.03
52270	<.001	<.03
52271	<.001	<.03
52272	<.001	<.03

19 **Splits**

Std OxN 77	0.228	7.817
Blank	<.001	<.03

Certified Assayer:



PolyMet Laboratories

Client: Queenston (Vault Div.)

CERTIFICATE **9408**

Job No. 0-155

Date:
Jan. 26, 2011

	Original		**Check**	
Sample #	**Au Oz/ton**	**g/tonne**	**Au Oz/ton**	**g/tonne**
51841	0.046	1.577	0.034	1.166
51842	0.040	1.371	0.026	0.891
51846	0.156	5.349	0.140	4.800
51848	0.174	5.966	0.164	5.623
51849	0.114	3.909	0.096	3.291
51850	0.068	2.331	0.074	2.537
51851	0.112	3.840	0.116	3.977
51852	0.040	1.371	0.042	1.440
51853	0.062	2.126	0.082	2.811
51854	0.062	2.126	0.054	1.851
51855	0.058	1.989	0.058	1.989
51856	0.076	2.606	0.070	2.400
51857	0.112	3.840	0.110	3.771
51858	0.056	1.920	0.062	2.126
51860	0.064	2.194	0.076	2.606
51861	0.042	1.440	0.046	1.577
51864	0.084	2.880	0.072	2.469
51870	0.064	2.194	0.068	2.331
51873	0.056	1.920	0.072	2.469

19 + 38

Certified Assayer:

PolyMet Laboratories

		Client:	Queenston (Vault Div.)
CERTIFICATE	**9409**	Job No.	0-155

Date:
Jan. 26, 2011

	Original		**Check**	
Sample #	**Au Oz/ton**	**g/tonne**	**Au Oz/ton**	**g/tonne**
51877	0.052	1.783	0.062	2.126
51879	0.084	2.880	0.068	2.331
51883	0.030	1.029	0.030	1.029
51884	0.056	1.920	0.058	1.989
51886	0.060	2.057	0.056	1.920
51887	0.050	1.714	0.050	1.714
51888	0.142	4.869	0.130	4.457
51965	0.040	1.371	0.036	1.234
51967	0.084	2.880	0.078	2.674
51971	0.052	1.783	0.048	1.646
52223	0.036	1.234	0.030	1.029
52226	0.042	1.440	0.042	1.440
52253	2.090	71.658	1.830	62.743

13 + 26

Certified Assayer:

Swastika Laboratories Ltd

Established 1928

Assaying - Consulting - Representation

Assay Certificate

Certificate Number: 10-3914

Company: **Queenston Mining Inc.**

Project: Lebel

Report Date: 19-Nov-10

Attn: Dan McCormack

We hereby certify the following Assay of 34 rejects samples submitted 10-Nov-10 by Dan McCormack

Sample Number	Au FA-AAS ppb	Au Chk FA-AAS ppb	Au FA-AAS g/Mt	Au Chk FA-AAS g/Mt	Au FA-GRAV ppb	Au Chk FA-GRAV ppb	Au FA-GRAV g/Mt	Au Chk FA-GRAV g/Mt
27057	507		0.51					
27073	859		0.86					
27100					2331		2.33	2.43
27104	25		0.03					
27478	463		0.46					
27479	633		0.63					
27526	666		0.67					
27528	706		0.71					
27534	812		0.81					
27536					3944		3.94	3.95
27549	882	976	0.88	0.98				
27550	329		0.33					
27589	367		0.37					
27590					3155		3.16	3.43
27591					14193		14.19	15.01
27592	889		0.89					
27593					5072		5.07	5.56
27628					1028		1.03	0.96
27643					5828		5.83	5.76
34361	654		0.65			719		0.72
34363					6514		6.52	6.45
34365					2572		2.57	2.60
34368	824		0.82					
34369	898		0.90					
34413	841		0.84					

Certified by Denis Chartre

1 Cameron Ave., P.O. Box 10, Swastika, Ontario P0K 1T0
Telephone (705) 642-3244 Fax (705) 642-3300

Established 1928

Swastika Laboratories Ltd

Assaying - Consulting - Representation

Assay Certificate

Certificate Number: 10-3914

Company: **Queenston Mining Inc.**

Project: Lebel

Report Date: 19-Nov-10

Attn: Dan McCormack

We hereby certify the following Assay of 34 rejects samples submitted 10-Nov-10 by Dan McCormack

Sample Number	Au FA-AAS ppb	Au Chk FA-AAS ppb	Au FA-AAS g/Mt	Au Chk FA-AAS g/Mt	Au FA-GRAV ppb	Au Chk FA-GRAV ppb	Au FA-GRAV g/Mt	Au Chk FA-GRAV g/Mt
34438	545		0.54					
34439	817		0.82					
Blank Value	< 2		< 0.01					
OxF65	805		0.80					
34440					2297		2.30	2.23
34468					1096		1.10	1.17
Blank Value	< 2		< 0.01					
OxF65	791		0.79					
34492	856		0.86					
34493	437		0.44					
34494	1099		1.10					1.17
34496	294		0.29					
34922					47257		47.26	51.13

Certified by

Denis Chartre

1 Cameron Ave., P.O. Box 10, Swastika, Ontario P0K 1T0
Telephone (705) 642-3244 Fax (705) 642-3300

Hole_ID	From	To	Sample_#	Length	Au ppm	Description	Au ppm_ck	Au ppm-ck2
BG10-01	29.50	30.00	B46132	0.50	0.069	strng perv carb + minor ser; two frac's with iron black spinel? Minor flt slip at 29.6m; <1% py		
BG10-01	30.00	30.60	B46133	0.60	<.03	30.4 to 30.5 m Flt healed by carb+calcite at 55 deg TCA		
BG10-01	30.60	31.50	B46134	0.90	<.03	flt with carb+calcite + chl along core axis at 10 deg TCA		
BG10-01	*33.00*	*33.50*	*B46135*	0.50	0.069	*3-5% py from 33.26 to 33.5m 20 deg TCA carb vn near Flt at 33.5m - start of Shear Flt Zone*		
BG10-01	*33.50*	*34.50*	*B46136*	1.00	<.03	*Shear Flt Zone weak fabric; 1% diss py in matrix; chl + ser*		
BG10-01	*34.50*	*35.80*	*B46137*	1.30	0.206	*as above; occasional pebetrative shear slips; < 5% late white carb in frac's*		
BG10-01	35.80	36.50	B46138	0.70	0.480	*36.26 to 36.43m flt - shear slips with py approx 1mm wide; overall 3-5% py*		
BG10-01	*36.50*	*37.40*	*B46139*	0.90	<.03	*1% diss py in matrix; 1 1mm frac with py; strong ductile shear fabric*		
BG10-01	***37.40***	***37.90***	***B46140***	0.50	0.274	***5-7% fg py in carb frac's; strng shear fabric at 40 to 50 deg TCA***		
BG10-01	***37.90***	***38.40***	***B46142***	0.50	1.955	***3-5% py; start of strng perv carb + oxy'd hem; frac py; strng shear***	1.920	1.989
BG10-01	***38.40***	***39.10***	***B46143***	0.70	2.194	***10-12% fg py in 4cm and 3cm carb vn's at 45 deg TCA between 38.8 to 38.9m and another 1 cm vn at deg TCA; vn's have 50-75% py; perv carb + oxy'd hem***	2.331	2.057
BG10-01	***39.10***	***39.60***	***B46145***	0.50	0.411	***5-7% diss py in frac's; strng perv carb up to Mud Gouge Flt; <1% py after Flt in diorite***		
BG10-01	39.60	40.40	B46146	0.80	<.03	1-2% fg py diss in sheared diorite with 5-15% leuc flecs		
BG10-01	40.40	41.40	B46147	1.00	0.069	negl py in syenite		
BG10-01	41.40	42.00	B46148	0.60	0.069	<1% py		
BG10-01	42.00	43.00	B46149	1.00	<.03	15-25% late carb+pink calcite vning at 55 to 65 deg TCA		
BG10-01	43.00	43.90	B46150	0.90	0.069	0.25 cm qtz vn at 43.5 with py on margins; 10% late carb+calcite vn'ing		
BG10-01	46.00	46.50	B46151	0.50	<.03	negl py		
BG10-01	46.50	47.00	B46152	0.50	1.098	calcite vn bx at 46.5m with cpy; 20% fg py in 10cm carb vn at 46.8 to 46.9m at 70 deg TCA	1.166	1.029
BG10-01	47.00	47.70	B46153	0.70	<.03	1-3% spec hem in hairline frac's; negl py; <5% late calcite+carb vn's		
BG10-01	47.70	48.40	B46154	0.70	<.03	15-20% calcite + carb vn's with strong cpy in some vn's		
BG10-01	48.40	49.20	B46155	0.80	0.137	3-5% py in frac's with late calcite vn's with some cpy		
BG10-01	49.20	50.60	B46156	1.40	<.03	<1% py in frac's		
BG10-01	50.60	51.60	B46157	1.00	<.03	15% late white calcite+carb vn's with cpy		
BG10-01	52.80	53.40	B46158	0.60	<.03	20% late white calcite + carb vn's near FP contact		
BG10-01	53.40	54.00	B46159	0.60	<.03	1% diss py; strng brittle frac'ing		
BG10-01	54.00	54.70	B46160	0.70	<.03	1-3% py in frac's 70 deg TCA; 6cm wide carb+ank+qtz vn 70 deg TCA		
BG10-01	54.70	55.50	B46162	0.80	<.03	strong mud Flt + FP-Diorite contact; 1% fg diss py; <5% qtz+ank+carb vnlets; 10% leuc flecs in diorite; min bands of bleb/cluster py		
BG10-01	55.50	56.00	B46163	0.50	<.03	3 cm wide qtz+ank+carb vn probable healed flt; 1% diss py		
BG10-01	56.00	56.60	B46164	0.60	<.03	3-5% fg leuc flecs; 5% pink calcite+carb vn'ing		
BG10-01	59.60	60.30	B46165	0.70	0.549	35% pink calcite + carb vn'ing; 1-3% spec hem and 1% diss py		
BG10-01	60.30	61.00	B46166	0.70	0.274	10-15% late white carb vn'ing; 1-3% diss py + in frac's; 5% leuc flecs		
BG10-01	*61.00*	*61.60*	*B46167*	0.60	2.640	*80% py in carb vn from 61.2 to 61.3 at 45 deg TCA; three subparallel late qtz+carb vn's 3-5 cm wide*	2.331	2.949
BG10-01	61.60	62.70	B46169	1.10	0.206	3-5% diss fg py + in frac's; 5% late white carb vn'ing		
BG10-01	62.70	63.20	B46170	0.50	0.617	62.81 to 62.96m ank+carb+qtz vn at 70 deg TCA with 1 to 4mm wide frac's with py+magnetite+hem+cpy; aft 62.96m more frac's with py; overall 5-7% py		
BG10-01	63.20	64.20	B46171	1.00	0.069	strng brittle frac's with carb + calcite; <1% diss py		
BG10-01	64.20	65.20	B54889	1.00	0.069	Infill		
BG10-01	65.20	66.45	B54890	1.25	0.137	Infill		

Hole_ID	From	To	Sample_#	Length	Au ppm	Description	Au ppm_ck	Au ppm-ck2
BG10-01	66.45	67.20	B54891	0.75	0.274	Infill		
BG10-01	67.20	68.50	B54892	1.30	<.03	Infill		
BG10-01	68.50	69.00	B46172	0.50	0.891	3-5% diss py in matrix; Blocky Grnd		
BG10-01	69.00	71.80	B46173	2.80	0.686	Loss of Core over 2.8m only 0.6 m recovered; small sub rounded rubble pieces, few 4 cm long intact core; 3-5 dis py		
BG10-01	*71.80*	*72.50*	*B46174*	0.70	0.617	*10-15% py in 30% bull white carb+qtz vn'ing with diorite inclusions chl+oxy'd red hem*		
BG10-01	*72.50*	*73.20*	*B46175*	0.70	2.812	*15-20% dis py in frac's at 80 deg TCA from 72.5 to 72.8m; 5-7% py in 2-4mm wide carb vn's*	2.743	2.880
BG10-01	73.20	74.00	B46177	0.80	<.03	<1% py		
BG10-01	74.80	75.50	B46178	0.70	0.137	3-5% py in 1-3 mm wide frac's at 75 deg TCA		
BG10-01	75.50	76.10	B46179	0.60	<.03	1% py		
BG10-01	76.10	76.90	B46180	0.80	<.03	1-3% py in 3mm frac's with carb; <5% late white carb		
BG10-01	76.90	77.60	B46181	0.70	<.03	1-3% diss py and in frac's		
BG10-01	80.90	81.40	B46182	0.50	<.03	1-3% py at Syenite-Diorite contact		
BG10-01	81.40	81.90	B46183	0.50	0.137	tr py		
BG10-01	81.90	82.60	B46184	0.70	<.03	3-5% py in 2mm carb vn's		
BG10-01	82.60	83.80	B46185	1.20	<.03	shear zone 1-2% fg py		
BG10-01	93.20	93.90	B46187	0.70	0.480	1-3%py; 5-10% magnetite strngers; epi alt'n; late pink white carb+calcite vn'ing		
BG10-01	96.70	97.40	B46188	0.70	0.480	5-10% late white irregular carb vn'ing; 1-3% py; 3-5% mag stingers		
BG10-01	99.90	100.40	B46189	0.50	<.03	2.5 cm wide carb vn at 20 deg TCA; with other late white carb vn's approx 5-10%		
BG10-01	103.40	104.10	B46190	0.70	<.03	strng magnetic section of diorite - predom magnetite with carb vn at 25 deg TCA; 1-3% py in frac's		
BG10-01	118.60	119.30	B46191	0.70	<.03	stringer py at margins of 1.5 cm dyke; overall py <1%		
BG10-01	121.50	122.20	B46192	0.70	<.03	5 deg TCA late white carb vn with chl margins		
BG10-01	122.20	122.80	B46193	0.60	<.03	1.5 cm wide carb vn with 50% py at 65 deg TCA and other 2mm carb vn's with py		
BG10-01	122.80	123.50	B46194	0.70	<.03	10% late white carb vn'ing; tr py		
BG10-01	126.80	127.50	B46195	0.70	0.343	127- 127.2m 3-5% py in carb vn's and diss		
BG10-01	129.60	130.20	B46196	0.60	0.069	129.7m 1.5 cm wide carb vn with 75% py at 70 deg TCA		
BG10-01	134.20	135.00	B46197	0.80	0.206	1-3% py in rare 1mm carb vn's		
BG10-01	135.00	135.80	B46198	0.80	0.617	1-3% py in hairline frac's		
BG10-01	*135.80*	*136.50*	*B46199*	0.70	0.891	*3-5% py in 5 cm section in carb vn's; mod ser alt'n proximal to Diorite-FP contact*		
BG10-01	**136.50**	**137.00**	**B46200**	0.50	2.434	**start of MH Zone; 15-20% fg & mg py with30% bone white qtz throughout matrix; shear frac's at 45 tc 55 deg TCA + 15% blue grey qtz**	2.537	2.331
BG10-01	**137.00**	**137.50**	**B46202**	0.50	1.817	**as with 136.5 to 137 m 15-20% py**	1.920	1.714
BG10-01	**137.50**	**138.00**	**B46204**	0.50	2.983	**as with 136.5 to 137 m 15-20% py and 20% blue grey qtz**	3.086	2.880
BG10-01	**138.00**	**138.50**	**B46205**	0.50	3.051	**as with 136.5 to 137 m 15-20% py and 40% blue grey qtz**	3.291	2.811
BG10-01	**138.50**	**139.20**	**B46206**	0.70	2.469	**as with 136.5 to 137 m 15-20% py and 20% blue grey qtz**	2.674	2.263
BG10-01	**139.20**	**140.00**	**B46207**	0.80	3.806	**20-25% py; 30% bone white qtz**	3.909	3.703
BG10-01	**140.00**	**140.70**	**B46208**	0.70	4.629	**as with 136.5 to 137m;** diorite unit from 140.67 to 149m 1-3% py	4.731	4.526
BG10-01	**140.70**	**141.20**	**B46209**	0.50	3.360	diorite unit from 140.67 to 149m 1-3% py **10-15% py in qtz+carb vn's + diss in qtz - FP matrix**	3.566	3.154
BG10-01	**141.20**	**141.70**	**B46210**	0.50	2.195	**15-20% py in 1-2mm frac's; matrix hem oxy'd - brick red colout**	2.400	1.989
BG10-01	141.70	142.25	B46211	0.55	0.686	unaltered FP with 3-5% fg py in frac's and matrix		

Hole_ID	From	To	Sample_#	Length	Au ppm	Description	Au ppm_ck	Au ppm-ck2
BG10-01	**142.25**	**142.80**	**B46212**	0.55	1.851	**10-12% py overall; 80% py in 6 cm wide qtz+ minor carb vn at 142.54m; 40% bone white qtz in irregular brittle frac's**	1.851	1.851
BG10-01	**142.80**	**143.40**	**B46214**	0.60	0.206	**30% grey silica; red brick colouration - oxy'd hem; overall 8-10% py**		
BG10-01	**143.40**	**144.30**	**B46215**	0.90	<.03	**5-8% py as anhedral clusters in brittle frac's with weak oxy'd hem halos; alt'n is patchy; 15-25% qtz+carb in frac's**		
BG10-01	144.30	144.80	B46216	0.50	0.069	10% late white+pink qtz+carb vn'ing; 5-8% diss py in matrix		
BG10-01	144.80	145.50	B46217	0.70	0.343	5-8% py as anhedral clusters in brittle frac's with weak oxy'd hem halos; alt'n is patchy; 5-10% qtz+carb in frac's		
BG10-01	**145.50**	**146.20**	**B46218**	0.70	0.480	**10-12% py as anhedral clusters in brittle frac's with weak oxy'd hem halos; alt'n is patchy; 15-25% qtz+carb in frac's**		
BG10-01	**146.20**	**147.00**	**B46219**	0.80	0.891	**8-10% diss + vn py; strong alt'n red hem oxy'd from 146.2 to 146.7; grey sil alt'n from 146.35 to 146.6m with 80% vn py 1cm wide at 146.4,**		
BG10-01	**147.00**	**147.60**	**B46220**	0.60	0.411	**5-8% py in frac's and in matrix; at 147m 10 cm wide hydrothermal bx vn at 30 deg TCA; 15-20% late white-pink qtz+carb vn;**		
BG10-01	147.60	148.30	B46221	0.70	0.343	3-5% py in 1mm frac's and diss in matrix; unaltered section; <5% qtz+carb vn's		
BG10-01	**148.30**	**149.00**	**B46223**	0.70	1.509	**8-10% fg py in matrix and brittle frac's; 30% grey sil flood; brock red hem oxy'd;5% white opaque qtz+ank vn'ing**	1.509	1.509
BG10-01	**149.00**	**149.90**	**B46224**	0.90	0.754	**as above but less hem alt'n and 5-8% py overall; sample signifies end of MH Zone in FP**		
BG10-01	*149.90*	*150.60*	*B46225*	0.70	<.03	*7-10% diss py in matrix, rare in frac's; unit magnetic where unaltered; 150.15 m Flt with 50% qtz+ank+carb vn'ing with splash of cpy proximal to Flt and offsets a wedge mineralized FP into Diorite;*		
BG10-01	150.60	151.20	B46226	0.60	0.411	3-5% diss py in matrix; frac-vn at 150.95m with hem oxy'd halo and strong py in 2mm frac		
BG10-01	151.20	152.10	B46227	0.90	1.543	8-10% py diss in matrix and in frac's at 65 deg TCA; weak sil+ carb alt'n; 5% qtz+ank+carb vn'ing	1.509	1.577
BG10-01	152.10	152.60	B46228	0.50	<.03	35 deg TCA hairline brittle frac's with minor py; overall 3-5%		
BG10-01	**152.60**	**153.40**	**B46229**	0.80	1.680	**strong perv sil alt'n with 8-10% diss py**	1.646	1.714
BG10-01	**153.40**	**154.00**	**B46230**	0.60	2.297	**as with 152.6 to 153.4m with increased brittle micro fracturing**	2.194	2.400
BG10-01	*154.00*	*154.70*	*B46232*	0.70	0.891	*10-12% diss & frac py from 154 to 154.3m with strong perv sil + late qtz+ank+carb vn'ing; alt'n dimishes towards end of sample but with multiple hairline frac's with py at 30 deg TCA and 10% leuc flecs in matrix*		
BG10-01	*154.70*	*155.50*	*B46233*	0.80	*2.195*	*5-7% py; at 155.2m start of strong perv grey sil flood*	*1.989*	*2.400*
BG10-01	**155.50**	**156.20**	**B46234**	0.70	*1.886*	**10-12% py overall; at 155.8m 3 cm grey qtz vn with 75% anhedral py at 70 deg TCA; 5-7% py in matrix**	*1.920*	*1.851*
BG10-01	156.20	157.00	B46235	0.80	0.480	10-20 deg TCA frac's with minor py; 3-5% py in matrix; 10% leuc flecs		
BG10-01	157.00	157.60	B46236	0.60	*1.783*	subparallel 1mm frac's with py closer to 157.5m at 70 to 80 deg TCA; 5-7% py overall	*1.783*	*1.783*
BG10-01	***157.60***	***158.30***	***B46237***	0.70	*2.915*	***10-12% diss py in matrix, few qtz stringers with py; 1cm wide qtz+ank+carb vn at 5 deg TCA with strong cpy + minor py+ Ag? Silver metallic showing striations from drill; 10cm section of red hem oxy'd; sample marks end of MH Zone in Diorite***	*2.949*	*2.880*
BG10-01	158.30	158.80	B46238	0.50	0.411	3-5% diss py in matrix; 15-20% leuc flecs in diorite; diorite- FP contact with ser slips + dk qtz+carb vn - possib flt		
BG10-01	158.80	159.70	B46239	0.90	<.03	negl py; 15% late qtz vn'ing; strong perv carb alt'n		
BG10-01	165.30	166.00	B46240	0.70	<.03	15-20% late white- pale pink carb+qtz+minor ank vn'ing		
BG10-02	29.00	29.80	B46241	0.80	<.03	0.5 to 1 cm qtz+ carb+ ank + chl vn at 5 deg TCA from 29 to 29.4m with 5% py		
BG10-02	34.80	35.80	B46242	1.00	<.03	3-5% py overall as diss in matrix, in frac's and a 0.5cm py + carb vn at 35.25m at 60 deg TCA; 5-10% late wh carb vn's		

Hole_ID	From	To	Sample_#	Length	Au ppm	Description	Au ppm_ck	Au ppm-ck2
BG10-02	38.40	39.10	B46243	0.70	<.03	6 cm carb+qtz+ ser bx vn at 55 deg TCA with 5% py; unit has syenite appearance		
BG10-02	40.50	41.00	B46244	0.50	0.137	at 40.77m Flt + slips for 8 cm at 75 to 80 deg TCA with carb+qtz vn'ing and py on slips		
BG10-02	44.50	45.30	B46245	0.80	0.069	1% diss py, predominantly in late white carb vn at 0 deg TCA		
BG10-02	45.30	45.80	B46246	0.50	1.440	45.4-45.7m strng carb section with 4 cm wide calcite+qtz vn at 65 to 70 deg TCA with two py bands <1 cm wi and other py in hairline frac's within section; overall 3-5% py	1.714	1.166
BG10-02	45.80	46.70	B46248	0.90	0.960	four 1-3mm frac- carnb vn's with py; overall 1-3%		
BG10-02	46.70	47.40	B46249	0.70	<.03	<1% py in hairline frac's;*start of shear zone at 47m to 63.7 m*		
BG10-02	47.40	47.90	B46251	0.50	0.617	47.6 to 47.8m, two qtz+ank+carb vn's at 40 to 65 deg TCA with 5-7% fg py; pink brown alt'n halo around vn's		
BG10-02	47.90	48.60	B46252	0.70	0.137	occasional hairline carb + ank vn stringers sometimes with py at 45 to 50 deg TCA; overall 1-2% py		
BG10-02	48.60	49.80	B46253	1.20	<.03	as above		
BG10-02	49.80	50.50	B46254	0.70	<.03	as above		
BG10-02	50.50	51.50	B46255	1.00	0.137	51.1 to 51.5m 30% qtz+ank+carb+chl vn'ing with pale brown alt'n and 5-7% py in frac's predominantly at 51.4 chl vn at 35 deg TCA		
BG10-02	51.50	53.00	B46256	1.50	0.137	20% late carb+qtz+ank vn'ing; strng chl alt; 1% diss py		
BG10-02	53.00	53.70	B46257	0.70	0.069	20% late qtz+ank+carb + chl contorted vn'ing; 1% diss py in matrix		
BG10-02	53.70	54.30	B46258	0.60	0.891	30% late qtzank +carb+chl vn'ing; occasional splash of cpy in vn's; 1% diss py		
BG10-02	54.30	55.70	B46259	1.40	0.686	1-3%fg py in hairline frac's; splash of cpy; mod ser+leuc flecs		
BG10-02	55.70	56.90	B46260	1.20	<.03	syenite dyke from 55.7 to 56.05m; after dyke diorite strng shear + ser+chl; <1% py		
BG10-02	56.90	57.50	B46261	0.60	0.549	contact diorite+syenite + mud fault; syenite is red-brown, negl py; <5% qtz+ank+carb stringers		
BG10-02	57.50	58.30	B46262	0.80	0.343	strng shear syenite; 5% qtz+ank+carb stringers discontinuous + contorted; splash of cpy and py in hairline frac's		
BG10-02	58.30	59.00	B46263	0.70	<.03	syenite <1% py; weak fabric fol'n		
BG10-02	60.70	61.50	B46265	0.80	0.069	5-8% late qtz+ carb vn's with spec hem		
BG10-02	61.50	62.10	B46266	0.60	<.03	5-8% fg py in <0.5cm wide carb vn's + frac's; 15-20% carb vn's with pale brown red alt'n in matrix		
BG10-02	62.10	63.10	B46267	1.00	<.03	flt at 62.4m at 55 deg TCA; 1% py overall in frac's at 40-45 deg TCA; 3mm wide py in frac's at syn- diori contact		
BG10-02	63.10	63.70	B46268	0.60	0.206	10% qtz+carb vn'ing splash of cpy; 10% leuc flecs; shear zone weakens after this sample		
BG10-02	66.00	67.00	B46269	1.00	0.137	two 20 deg TCA carb vn's with py <1 cm wide		
BG10-02	71.20	72.00	B46270	0.80	<.03	25% opaque late qtz+ank+carb vn'ing up to 4 cm wide; sil alt'n; fg py in infrequt=ent hairline frac's; overall 1%		
BG10-02	72.00	72.80	B46271	0.80	<.03	as above		
BG10-02	72.80	74.00	B46272	1.20	<.03	<1% py; weak sil alt'n; 73,7 to 74.1m strong sil? Alt'n; 3 cm wide qtz+ank+carb vn; negl py		
BG10-02	74.00	74.80	B46273	0.80	<.03	<1% py		
BG10-02	74.80	75.30	B46274	0.50	<.03	1-3% py in frac's near FP contact; three late qtz+ank+carb stringers with spec hem		
BG10-02	75.30	75.90	B46275	0.60	2.092	strong sil+carb alt'n in sheared diorite within FP, 25-30% late opaque carb+ank vn'ing; 3-5% py in carb section	1.920	2.263
BG10-02	75.90	76.50	B46277	0.60	<.03	weak sil per alt'n; negl py		
BG10-02	76.50	77.00	B46278	0.50	<.03	mod frac'ing with chl+qtz+py overll 1%		
BG10-02	77.00	77.70	B46279	0.70	2.675	grey perv carb from 77.1 to 77.4m with 5-8% fg py; 40% late qtz+ank+carb stringers	2.880	2.469
BG10-02	77.70	78.50	B46280	0.80	<.03	1-2% diss py in hairline frac's		
BG10-02	78.50	79.10	B46281	0.60	0.137	90% qtz+ank+carb vn with chl frac's negl py		

Hole_ID	From	To	Sample_#	Length	Au ppm	Description	Au ppm_ck	Au ppm-ck2
BG10-02	79.10	80.00	B46282	0.90	<.03	strong sil perv alt'n; 20% qtz+ank+carb vn'ing; 1% py		
BG10-02	85.30	85.90	B46283	0.60	0.206	3-4 carb vn's <.05 cm wide at 50 to 65 deg TCA with 50-60% py; overall 5-7%		
BG10-02	85.90	86.50	B46284	0.60	<.03	1% diss py matrix; 1mm dk qtz stringer from 86 to 86.6 m with splash of cpy		
BG10-02	86.50	87.00	B46286	0.50	0.069	infrequent carb stingers with py		
BG10-02	87.00	88.30	B46287	1.30	0.069	as above		
BG10-02	88.90	89.40	B46288	0.50	0.411	as above		
BG10-02	89.40	90.00	B46289	0.60	1.234	variable angle carb vn's with py	1.097	1.371
BG10-02	90.00	90.60	B46290	0.60	<.03	as above; minor leuc flecing at contact with FP		
BG10-02	96.90	97.40	B46291	0.50	<.03	4 cm wide carb alt'n at contact with 5-7% py; 0.5 cm vn at contact 80 deg TCA		
BG10-02	99.80	101.00	B46293	1.20	<.03	slip with carb+chl at 85 deg TCA with py ~ 1 cm wide; low angle TCA carb+qtz vn'ing at 100.5 to 100.85m		
BG10-02	101.00	101.90	B46294	0.90	<.03	infrequent py stringers; overall <1% py		
BG10-02	101.90	102.60	B46295	0.70	0.069	1-2% py in carb vn's		
BG10-02	102.60	103.30	B46296	0.70	2.126	weak shear fabric+slips at 60 to 70 deg TCA; carb alt'n with leuc flecs; 3-5% diss py in slips and within carb chl slips at 60 deg TCA	2.331	1.920
BG10-02	103.30	104.00	B46297	0.70	<.03	weak shear; 30% late qtz+ank+carb vn'ing at 65 to 75 deg TCA with chl + slips with fg py		
BG10-02	113.00	113.70	G63977	0.70	<.03			
BG10-02	113.70	114.40	B46298	0.70	3.977	113.94 to 113.98m carb+epi vn with 65% fg py at 55 to 65 deg TCA	3.703	4.251
BG10-02	114.40	115.50	G63978	1.10	<.03			
BG10-02	115.50	116.55	G63979	1.05	<.03	1/8" 10% cse py vn assd w epi@50		
BG10-02	136.00	136.60	B46299	0.60	<.03	qtz+carb+chl vn from 136.15 to 136.4m at 25 deg TCA with py+cpy		
BG10-02	152.97	153.30	B46300	0.33	<.03	immediately after open seam; blocky grnd, negl py		
BG10-02	**153.30**	**154.30**	**B46301**	1.00	0.069	**Start of Carb+ Py Zone8-10% py predominantly between 153.5 to 154.1m; perv carb + sil**		
BG10-02	**154.30**	**155.00**	**B46302**	0.70	0.069	**3-5% py in harline frac's and in one carb vn <0.5cm wide**		
BG10-02	**155.00**	**155.50**	**B46303**	0.50	1.200	**60-70% py from 155.04 to 155.15m in carb vn's; 5-8% py in carb vn's & frac's in remaining of sample**	1.234	1.166
BG10-02	**155.50**	**156.30**	**B46305**	0.80	0.960	**8-10% py in frac's vn's and in matirx; at 155.6 a 0.75 cm carb vn at 70 deg TCA with 60% py; 5% lat stress frac's with white carb**		
BG10-02	**156.30**	**157.40**	**B46306**	1.10	0.686	1-3% py in frac's		
BG10-02	**157.40**	**158.00**	**B46307**	0.60	0.686	**10-15% late white carb frac's at 65 tp 80 deg TCA; 1-3% py**		
BG10-02	**158.00**	**158.50**	**B46308**	**0.50**	**5.795**	**5-8% diss py in a 1 cm + 4 cm wide carb+chl vn at 30-40 deg TCA; 10% late white carb stress frac's**	5.623	5.966
BG10-02	**158.50**	**159.10**	**B46309**	0.60	0.823	**1-3% py in discont stress frac's with chl + carb; end of Carb+py zone**		
BG10-02	159.10	160.10	B46310	1.00	<.03	<1% diss py in frac's		
BG10-02	160.10	161.50	B46311	1.40	0.069	as above; bx section from 161.15 to 161.4m		
BG10-02	161.50	162.80	B54927	1.30	<.03	INFILL		
BG10-02	162.80	164.00	B54928	1.20	<.03	INFILL		
BG10-02	164.00	165.30	B54929	1.30	<.03	INFILL		
BG10-02	165.30	166.20	B54930	0.90	<.03	INFILL		
BG10-02	166.20	166.90	B54931	0.70	0.069	INFILL- 1/4"-1/2"dk gy chl-sil@35+75		
BG10-02	166.90	167.50	B54932	0.60	<.03	INFILL		

Hole_ID	From	To	Sample_#	Length	Au ppm	Description	Au ppm_ck	Au ppm-ck2
BG10-02	167.50	168.00	B46313	0.50	0.069	occasional slips with py + cpy		
BG10-02	168.00	180.90	B54933	12.90	<.03			
BG10-02	168.90	169.80	B46314	0.90	0.069	at 168.91m 1 cm carb+epi vn with 20% py at 30 deg TCA; 169.3 to 169.8m 1 cm wide qtz+carb+chl vn at 1 deg TCA with cpy		
BG10-02	169.80	171.50	B54934	1.70	<.03	INFILL		
BG10-02	171.50	173.00	B54935	1.50	<.03	INFILL		
BG10-02	173.00	174.50	B54936	1.50	<.03	INFILL		
BG10-02	174.50	176.00	B54937	1.50	<.03	INFILL		
BG10-02	176.00	177.50	B54938	1.50	<.03	INFILL		
BG10-02	177.50	179.00	B54939	1.50	<.03	INFILL		
BG10-02	179.00	179.50	B46315	0.50	0.411	at 179.15m 1.5 cm vn at 70 deg TCA with 20% py		
BG10-02	179.50	180.90	B54940	1.40	0.069	INFILL		
BG10-02	180.90	181.50	B54941	0.60	<.03	INFILL		
BG10-02	181.50	182.50	B46316	1.00	0.069	15-20% late white carb in discont frac's & vn's; 1% py in frac's with chl		
BG10-02	182.50	183.70	B46317	1.20	<.03	10% late white carb in vn's; <1% py		
BG10-02	183.70	184.30	B46318	0.60	0.274	4 subparallel frac's ~ 1mm- 2mm wide with py at 50 deg TCA		
BG10-02	**184.30**	**185.00**	**B46319**	0.70	3.120	**start of Carb+Sil+Py Zone at 184.6, probable Flt-slip with Qtz healing at 184.6m at 40 -45 deg TCA and Flt at 184.9 at 30 deg TCA with carb+ser+chl; 5-8% diss py in frac's and in matrix**	3.291	2.949
BG10-02	**185.00**	**185.70**	**B46320**	0.70	1.406	**carb alt'n; 1-3% py**	1.509	1.303
BG10-02	**185.70**	**186.30**	**B46321**	**0.60**	**5.897**	**10-15% diss py in blue-grey sil core of shear - alt'n zone; good frac'ing**	5.897	5.897
BG10-02	**186.30**	**187.00**	**B46323**	**0.70**	**8.812**	**8-10% py in shear slips at 55 to 65 deg TCA in more perv carb + chl alt'n with 10% leuc flecs; end o Carb +Sil + Py Zone**	9.257	8.366
BG10-02	187.00	187.50	B46324	0.50	0.343	1-2% carb+epi frac's		
BG10-02	187.50	188.00	B46325	0.50	0.274	as above		
BG10-02	188.00	188.50	B46326	0.50	1.475	7-10% py in carb vn'ing from 188 to 188.1m	1.646	1.303
BG10-02	217.30	218.30	B46327	1.00	<.03	1% py, mostly in two 2-4mm wide py vn's at 55 to 60 deg TCA		
BG10-02	218.30	219.20	B46328	0.90	0.754	3-5% diss py with py in hairline frac's/slips at 218.88m at 65 deg TCA; overall strong sil altn; late qtz+carb+c at 65 deg TCA		
BG10-02	219.20	220.40	B46330	1.20	<.03	occasional py in carb+epi frac's; 1-2% overall		
BG10-02	220.40	221.40	B46331	1.00	<.03	as above		
BG10-02	221.40	222.40	B46332	1.00	<.03	as above		
BG10-02	222.40	223.20	B46333	0.80	<.03	as above		
BG10-02	223.20	224.00	B46334	0.80	<.03	frac at 0 deg TCA with py, frac is 1-2mm wide; late qtz+calcite+chl vn at 25 deg TCA, 3 cm wide with py c margins at 223.9 to 224m		
BG10-02	224.00	224.10	B46335	0.10	<.03	py in frac's 1-2mm wide at 65 and o deg TCA		
BG10-02	226.40	227.20	B46336	0.80	0.480	3mm wide magnetite vn with py at 5 deg TCA;other frac's with py + late qtz vn		
BG10-02	230.50	231.00	B46337	0.50	0.137	3 cm wide qtz+calcite+chl vn at 15 deg TCA with cpy		
BG10-02	232.50	233.00	B46338	0.50	0.137	5 cm wide qtz+calcite+chl +bx with cpy		
BG10-02	241.10	241.60	B46339	0.50	<.03	start of shear zone, 3 cm wide qtz vn at 55 deg TCA at beginning with bx zone; 1-2% diss py in matrix		
BG10-02	241.60	242.60	B46340	1.00	<.03	1-3% diss py in matrix		
BG10-02	242.60	243.50	B46341	0.90	<.03	as above, strong magnetic inclusion - wacke? - in diorite		

Hole_ID	From	To	Sample_#	Length	Au ppm	Description	Au ppm_ck	Au ppm-ck2
BG10-02	243.50	244.40	B46342	0.90	0.069	strng flt'ing at 243.7 & 244.1 at 15 deg TCA; 35-40% qtz + ank vn'ing; 1-3% dis py		
BG10-02	244.40	245.80	B46343	1.40	<.03	mud flt at 244.9 to 245m		
BG10-02	261.10	262.00	B46344	0.90	0.069	20% qtz+chl vn's with a splash of cpy in one vn		
BG10-03	2.05	3.20	B34701	1.15	<.03	<1% py overall, py in hairline fractures at 0 deg TCA from 2.05 to 2.2 m; 1-3% diss euhedral py in matrix		
BG10-03	3.20	4.00	B34702	0.80	0.069	<1% py overall, py in occasional hairline discontinuous fractures; 1-3% diss euhedral py in ma		
BG10-03	4.00	4.80	B34703	0.80	0.206	**strong brittle fracturing 55 to 60 deg TCA from 4.15 to 4.65 m with py+qtz, at 4.65 m 80% py in 1 cm vein; 1-3% diss py in matrix**		
BG10-03	4.80	5.75	B34705	0.95	<.03	rare <2 mm wide fractures with py+qtz; 1-3 diss euhedral py inmatr		
BG10-03	5.75	6.50	B34706	0.75	0.069	1-3% diss py in matrix; <5% qtz veinin		
BG10-03	6.50	7.50	B34707	1.00	<.03	1-3% diss py in matrix; <3% qtz veinin		
BG10-03	7.50	8.50	B34708	1.00	0.069	1-3% diss py in matrix; infrequent discontinuous brittle fractures with p		
BG10-03	8.50	9.10	B34709	0.60	<.03	1-3% diss py in matrix; rare hairline fractures with black qtz + c		
BG10-03	9.10	10.00	B34710	0.90	<.03	1-3% diss py in matrix; rare hairline fractures with black qtz + c		
BG10-03	10.00	11.00	B34711	1.00	<.03	1-3% diss py in matrix; rare hairline fractures with black qtz + c		
BG10-03	11.00	12.00	B34712	1.00	0.069	rare <1mm fractures with py; 1-3 % diss py in matri		
BG10-03	12.00	12.90	B34713	0.90	<.03	<1% py overall in hairline fractures; 2-3% diss py in matr		
BG10-03	12.90	14.00	B34714	1.10	<.03	at 13 m 1 cm late qtz vein at 35-40 deg TCA; early brittle stress fracturing with opaque white qtz increasing fro previous intervals; occasional late hairline fractures with py		
BG10-03	14.00	14.50	B34715	0.50	0.069	at 14.1 m 0.6 cm qtz+py vein at 25 to 30 deg TCA with good py - overall 3-5% py; 15-20% early qtz filled stre fractures and veins		
BG10-03	14.50	15.20	B34716	0.70	<.03	occasional brittle fractures (penetrative and non-penetrative) with py overall 2-3%; py in fracture at 1		
BG10-03	15.20	16.20	B34717	1.00	0.069	rare fracturing with qtz and/or py; 1-2% diss py in matri		
BG10-03	16.20	17.00	B34719	0.80	0.07	early non-penetrative stress fractures with opaque white qtz; late non-penetrative & penetrative hairline fractu with py or chl; sometimes py at contacts with early porphyry; 1-2% diss py in matrix		
BG10-03	17.00	17.70	B34720	0.70	0.07	3-5% py in fractures <2 mm wide, 1% py as replacement of pheno's; 15-20% hydrothermal qtz		
BG10-03	17.70	18.30	B34721	0.60	0.137	1% py in fractures <2 mm wide, 1% py as replacement of pheno's; 15-20% hydrothermal qtz		
BG10-03	18.30	19.20	B34722	0.90	0.274	1-3% py in fractures <2 mm wide, 1% py as replacement of pheno's; 15-20% hydrothermal qtz		
BG10-03	19.20	19.70	B34723	0.50	0.549	two <1mm fractures with py+qtz; 3-5% diss py in matri		
BG10-03	19.25	20.20	B34725	0.95	0.480	highly alt'd unit, <1% diss py in matrix, three hairline fractures with p		
BG10-03	20.20	21.50	B34726	1.30	<.03	as above		
BG10-03	21.50	22.30	B34727	0.80	<.03	<5% white qtz+ank-alb; hairline fractures with py; fuschite alt'd flecs-pheno's; <1% diss py in mat		
BG10-03	22.30	22.90	B34728	0.60	0.069	contact zone; strong brittle stress frac's with qtz+an		
BG10-03	22.90	23.90	B34729	1.00	<.03	5% qtz+ank blows along flt-slip with chl+ser at 5 deg TCA; rare fracturing with p		
BG10-03	23.90	24.40	B34730	0.50	0.891	<1% diss py in matrix; minor 1 mm frac's with py at 40 to 45 deg TC		
BG10-03	24.40	25.15	B34731	0.75	0.62	irregular fractures with 2-3% p		
BG10-03	25.15	26.10	B34732	0.95	0.07	two parallel 1mm fractures near contact with py+minor cpy; other 1mm frac's with		
BG10-03	26.10	26.80	B34733	0.70	0.34	<1% qtz in frac's amd rare frac with p		
BG10-03	26.80	27.53	B34734	0.73	0.14	contact zone; strong stress frac's with qtz + weak ank in FP; remob'd py in frac		
BG10-03	27.53	28.53	B34735	1.00	0.07	1% diss py in matrix; qtz in stress frac's		
BG10-03	28.53	29.53	B34736	1.00	<.03	as above with minor hairline frac's with chl minor p		
BG10-03	29.53	30.60	B34737	1.07	0.960	28.82 to 30 m qtz+ank vein with 90% py at 30-40 deg TCA possible flt-slip at 30; other 1-2mm frac's with py sample interval; contact end mineralization		
BG10-03	30.60	31.10	B34739	0.50	0.206	hairline sinewy o deg TCA frac with py; 1-2 diss py in matr		

Hole_ID	From	To	Sample_#	Length	Au ppm	Description	Au ppm_ck	Au ppm-ck2
BG10-03	31.10	32.10	B34740	1.00	0.069	as above, some 2 mm qtz veins at low angle TCA; 0.3 cm vein at 15 deg TCA with py at 31.9 m, stro bleaching around vein		
BG10-03	32.10	33.10	B34741	1.00	0.411	32.8 m 1.5 cm vein at 65 deg TCA with qtz + spec hem + minor py and other minor qtz frac' with bleaching minor py		
BG10-03	33.10	33.90	B34742	0.80	0.069			
BG10-03	33.90	34.70	B34743	0.80	0.274	two 1-2 mm frac's with py at contact with Fl		
BG10-03	34.70	36.00	B34744	1.30	<.03	10-20% qtz+minor ank in stress frac's ; rare py in frac's; 1-2 % py in matr		
BG10-03	36.00	37.00	B34745	1.00	<.03	<1% qtz/ank veinlets; rare hairline frac's with py; overall <1%		
BG10-03	37.00	38.00	B34746	1.00	<.03	as above		
BG10-03	38.00	38.83	B34747	0.83	<.03	1% py in approx three 1-3 mm fractures with py; 1-2% diss py in matr		
BG10-03	38.83	39.50	B34748	0.67	0.411	lith contact; 3-7% py in fractures from 38.83 to 39.1 m; 1-2 mm qv at 45 deg TCA with py at 39		
BG10-03	39.50	40.60	B34749	1.10	<.03	negl py; two 1 cm qtz+ ank veins at 40.2 & 40.55 r		
BG10-03	42.00	42.60	B34750	0.60	<.03	10-15% qtz+ ank v's; one 2 cm vein at 75-80DegtCA; strong si alt'n, minor fuschite+c		
BG10-03	42.60	43.60	B34752	1.00	0.069	20% qtz+ank v's various angles; 1-3% py overall in late <1 mm fractures low angle to c		
BG10-03	43.60	44.20	B34753	0.60	<.03	decrease in alt'n from above units; negl. Py,; <3% qtz+ank v		
BG10-03	47.75	48.40	B34754	0.65	0.343	47.85 m 1 cm qtz + 25% py vein at 25 deg TCA cut off by 2 cm wide late qtz+ minor ank vein at 45 deg TC overall 25% qtz+ank v's		
BG10-03	48.40	49.40	B34756	1.00	0.137	0 deg TCA qtz vein 1-4 mm wide with 30% py/possible po; 10% qtz+ minor ank v		
BG10-03	49.40	50.00	B34757	0.60	0.069	negl py; <5% qtz+ minor ank v'		
BG10-03	51.00	51.75	B34758	0.75	0.206	negl py		
BG10-03	51.75	52.50	B34759	0.75	2.229	51.92 - 51.96 m 4 cm wide qtz+35% py + 20% magnetite vein at 50 deg TCA, salt& pepper look; at 52.2 m st of strong pervasive silica + ser alt'n zone to 71.8 m	**2.331**	**2.126**
BG10-03	52.50	53.00	B34761	0.50	0.411	1-2 dis py in matrix; 1% py in frac'		
BG10-03	53.00	53.50	B34762	0.50	0.823	1% py/po in two 1 mm frac'		
BG10-03	53.50	54.00	B34763	0.50	0.343	1% py/po in one 1 mm fra		
BG10-03	54.00	55.10	B34764	1.10	0.137	1-2 % py/po in discont frac's; 3-10% qtz v's; brittle frac's at 45 deg TCA; brittle fracture zor		
BG10-03	55.10	56.50	B34765	1.40	<.03	<1% py in rare hairline frac'		
BG10-03	56.50	58.00	B34766	1.50	<.03	1-3% anhedral remob'd py in matrix; 15% qtz+minor ank v's; brittle frac's at 45 to 50 deg T		
BG10-03	58.00	59.50	B34767	1.50	<.03	as above; more prevalent py clusters inmatr		
BG10-03	**59.50**	**60.30**	**B34768**	0.80	**<.03**	**at 60 m 0.7 cm qtz vein with 45% py at 10-15 deg TCA; two 1 cm parallel late qtz+ank v's at 40 deg TCA**		
BG10-03	60.30	61.20	B34769	0.90	0.274	brittle hairline frac's at 45 to 50 deg TCA; 1-2% dis py in matr		
BG10-03	61.20	61.70	B34770	0.50	0.823	61.36 m a 3 cm 45 deg TCA qtz v with 5% p		
BG10-03	61.70	62.20	B34772	0.50	3.052	1-2 % py in discont frac's & penetrative frac's; one 1 cm qtz vein at 50 deg TC	2.949	3.154
BG10-03	62.20	63.00	B34773	0.80	1.749	62.66 - 62.9 m strong shear with strong ser+qtz+minor ank+15%py at 35 to 40 deg TCA; 62.2 to 62.66 m 30 hydrothermal qtz with mod fracs slips + 3-5% py overall	1.714	1.783
BG10-03	63.00	64.00	B34775	1.00	<.03	2-5% diss anhedral py in matrix & clots; 10% low & high angle v		
BG10-03	64.00	64.50	B34776	0.50	<.03	1% py in frac's		
BG10-03	64.50	65.00	B34777	0.50	0.069	64.6 m hydrothermal qtz bx at 20 deg TCA; 64.88 m flt/slip at 85 deg TC		
BG10-03	65.00	65.50	B34778	0.50	0.069	three 65 to 90 deg TCA 1 - 2mm qtz veins with cpy + py; two 0.5 cm qtz v's at 35 - 40 deg TCA la		
BG10-03	65.50	66.00	B34779	0.50	0.069	cpy + py occurrrences in 45 to 50 deg TCA qtz v's and flt at 65.73		
BG10-03	66.00	66.60	B34780	0.60	<.03	10% qtz+ank v's; 66.35 to 66.5 flt-slips with qtz+mo+p		
BG10-03	66.60	67.20	B34781	0.60	<.03	<1% frac py; 1-2 diss py in matri		
BG10-03	**67.20**	**68.00**	**B34782**	0.80	**15.189**	**67.45 slip with qtz+py at 70 deg TCA; 1-2 mm veinlets, discontinuous with py overall 1**	**17.760**	**12.617**
BG10-03	68.00	68.75	B34783	0.75	0.069	negl frac py; 10% late opaque qv'		

Hole_ID	From	To	Sample_#	Length	Au ppm	Description	Au ppm_ck	Au ppm-ck2
BG10-03	68.75	69.50	B34784	0.75	0.069	68.88 and 69.25 m 1 cm frac's+qtz+p		
BG10-03	69.50	70.20	B34785	0.70	0.137	1% py on margins of frac's/slips with 20% qtz+ an		
BG10-03	70.20	71.00	B34786	0.80	<.03	1-3% py in clots and diss; 70.83 m two parallel 25 deg TCA slips with qtz+negl p		
BG10-03	71.00	71.80	B34787	0.80	<.03	rare frac py 1-2 mm wide and 5% late q		
BG10-03	74.80	75.70	B34789	0.90	<.03	10% late opaq qv's <1 cm wide with chl margins; 1% spinel in occasional cluste		
BG10-03	75.70	76.60	B34790	0.90	0.343	flt zone from 75.85 to 76 m with 75% qtz, 1% py in frac's; few 1 mm frac's after with py; <1% spinel i occasional clusters		
BG10-03	76.60	77.50	B34791	0.90	<.03	<1% py overall in narrow frac's; 1-2% diss py in matrix; 1% spinel cluste		
BG10-03	77.50	78.00	B34792	0.50	0.343	at 77.9 m 3 cm flt-bx with qtz+py at 20 deg TCA; felsic dyke conta		
BG10-03	78.00	78.80	B34793	0.80	<.03	78.22-78.26 m flt-slips with qtz+chl+minor py at 65 to 70 deg TCA contact wth Felsic Dyke; 1% iron black spin clusters		
BG10-03	80.60	81.20	B34794	0.60	0.069	qtz+ank v's <1 cm wide		
BG10-03	82.50	83.50	B34795	1.00	<.03	45% qtz+ank v's at 65-75 and 10-15 deg TCA; negl p		
BG10-03	83.50	84.00	B34796	0.50	<.03	83.75 m 1.75 cm vein at 30 deg TCA		
BG10-03	84.00	84.70	B34797	0.70	<.03	84.26 m 1.2 cm vein at 5-10 deg TCA with qtz+ank+chl+5% p		
BG10-03	86.00	86.60	B34798	0.60	<.03	six subparallel qtz+minor ank veins 0.5 to 2 cm wide at 20 to 40 deg TCA, minor py on margins of few v's		
BG10-03	89.50	90.25	B34799	0.75	<.03	15-20% qtz ank v's; py along margins of slips and qv's found at 90.1m and 90.15		
BG10-03	95.90	96.50	B34800	0.60	0.206	strong sil alt'n, mod brittle frac'ing with py along some frac's <2 mm wide, 20-35 deg TC		
BG10-03	96.50	97.40	B34801	0.90	0.274	15-20% qtz ank v's, strong silica alt'n; 1-2% py overall in slips/fracture		
BG10-03	97.40	98.30	B34802	0.90	0.549	1-2% py in hairline to 1 mm frac's		
BG10-03	98.30	99.20	B34803	0.90	0.206	30-35% qtz+minor ank v's; strong brittle frac's-slips, 1-3% remob'd py in grey-white qtz v		
BG10-03	99.20	100.00	B34804	0.80	0.754	1-3% py in frac's; 5-10% qv's		
BG10-03	100.90	101.50	B34805	0.60	0.686	two sub-parallel 1-3 mm frac's with py at 55 and 25 deg TCA; 0.75 cm qtz ve		
BG10-03	117.20	117.90	B34806	0.70	<.03	3-4 flt slips with assoc qtz+ank veining+chl+minor py on margin		
BG10-03	118.70	119.30	B34807	0.60	<.03	flt at 119.1 at 60 deg TCA w q+chl+alb vn, tr py; 35% q+chl+alb vn'ing; tr p		
BG10-03	122.90	123.90	B34809	1.00	<.03	30% qtz+alb+chl vns 0.5 to 3 cm wide at 40 to 60 deg TCA; tr py; one 0.65 cm wide qtz+alb v at 10 deg TC with 10% py		
BG10-03	125.60	126.40	B34810	0.80	<.03	litho contacts ; hairline frac's at contacts with tr p		
BG10-03	127.20	127.70	B34811	0.50	<.03	127.4 to 127.5 m flt bx with qtz healing, tr p		
BG10-03	128.30	129.00	B34813	0.70	<.03	0 - 5 deg tca qtz+alb+chl vn; other brittle frac's with py at various angl		
BG10-03	129.00	129.50	B34814	0.50	0.343	at 129.3 m, 20 deg TCA slip at intersection with qtz+py+cpy v		
BG10-03	132.10	132.60	B34815	0.50	0.206	132.23 to 132.26 m qtz+alb vein-flt at 55 deg TCA with p		
BG10-03	136.00	136.50	B34816	0.50	0.274	136.25 m 0.5 cm wide qtz+alb vein with p		
BG10-03	138.70	139.20	B34817	0.50	<.03	138.93 m qtz vn at 85 deg TCA irregular with py+cp		
BG10-03	139.20	139.80	B34818	0.60	<.03			
BG10-03	139.80	140.80	B34819	1.00	<.03	140.16 flt at 60 deg TCA; 139 to 140.4 m strong shear; tr p		
BG10-03	161.10	161.90	B34820	0.80	0.343	161.3 - 161.5 m shear at 10 and 35 deg TCA with 80% qtz+alb+chl+1% p		
BG10-03	196.70	197.50	B34821	0.80	<.03	at 196.7 high angle slip-faults at 75 deg TCA; 196.7 to 198.5 m highly brittle frac'd unit with carb+chl, matr strong ser + carb, 25% carb+qtz vn's at 5-10 and 60-65 deg TCA; tr py		
BG10-03	197.50	198.50	B34822	1.00	<.03	as above		
BG10-03	206.10	207.10	B34823	1.00	0.069	strong slip at 206.1, 3 cm bleached section 70 to 75 deg TCA; 10& qtz+carb+alb vn's; tr py in frac		
BG10-03	220.40	221.00	B34824	0.60	<.03	220.5 m a 2 cm wide qtz+alb+chl vein at 65 deg TCA minor py; 221 m a 1 cm wide qtz+alb + chl vn 50 deg TCA		
BG10-03	224.75	226.00	B34825	1.25	0.069	bleached unit with penetrative frac's chl+py+qtz having 1% f.g. F		

Hole_ID	From	To	Sample_#	Length	Au ppm	Description	Au ppm_ck	Au ppm-ck2
BG10-03	227.50	228.00	B34826	0.50	<.03	227.75 to 227.9 hydrothermal qtz with 1% f.g.p		
BG10-03	245.80	246.90	B34827	1.10	0.206	15% parallel opaque qtz+ank+alb+cc vn's, tr p		
BG10-03	259.90	261.10	B34828	1.20	0.206	1-2% diss py, tr spec hem in frac's in hydrothermal bx section; 60% silica+ar		
BG10-03	269.50	270.55	B34829	1.05	<.03	litho contact Cong-Syn; qtz+ank at contact; tr p		
BG10-03	272.00	273.00	B34830	1.00	<.03	spec hem in frac's+qtz+ank+tr py; flts at 272.4 and 272.65r		
BG10-03	273.00	274.05	B34831	1.05	<.03	0 deg TCA qtz+ank+chl vn with micro frac's; tr p		
BG10-03	274.05	275.40	B34832	1.35	0.137	mostly FP with upper & lower contacts with Con		
BG10-03	276.00	276.70	B34833	0.70	<.03	brittle frac's 1-2 mm wide with brassy looking py; overall 1%		
BG10-03	281.50	282.50	B34834	1.00	0.823	281.8 m 10 deg TCA flt-vn with 30% py/50% hem, contact with Felsic Dike & Cong		
BG10-03	282.50	283.53	B34835	1.03	<.03	tr py; 1% spec hem; strong brittle frac's		
BG10-03	283.53	284.50	B34836	0.97	0.994	283.75 to 284.3 m 3-5% f.g. Py in frac's, strong py in 0.3 cm vein at 284.24	1.097	0.891
BG10-03	284.50	285.55	B34837	1.05	0.069	<1% diss py in matrix & in frac's; decrease in ser+sil+chl alt'		
BG10-03	297.00	297.50	B34838	0.50	<.03	sil alt'n increasing		
BG10-03	297.50	298.00	B34839	0.50	<.03	297.6-297.7 flt with ser+qtz+chl; sil+kspar or hem alt'n; early grey qtz veins; tr		
BG10-03	298.00	299.10	B34840	1.10	<.03	weak sil alt'n tr py		
BG10-03	299.10	300.00	B34841	0.90	<.03	strong ser+sil+chl+fuschite alt'n with 1-3% diss f.g py in frac's; 15%qtz+alb+ank vn		
BG10-03	300.00	300.60	B34842	0.60	0.069	as above but 1% py		
BG10-03	300.60	301.40	B34844	0.80	1.543	21 Vein Zone?; strng shear 5-7% f.g.py from 300.75-300.92 m and 301 to 301.3 m tectonic bx zone 25 qtz+ank, 2-5% f.g py	1.509	1.577
BG10-03	301.40	302.00	B34846	0.60	<.03	alt'n & structure weaker than previous section; frac's with hem overall 2-5%; tr		
BG10-03	302.00	302.80	B34847	0.80	0.137	as above; two veinlets with qtz+fluorit		
BG10-03	312.00	312.60	B34848	0.60	0.274	penetrative brittle frac'ing with 5-7% spec hem; 1% diss py; sil alt'n prior to flt conta		
BG10-03	312.60	313.40	B34849	0.80	0.480	contact Cong-FP, mylonitic Flt at 312.75; 1-2% py in frac's and in matrix; 3-5% spec hem in frac's +chl+qt strong brittle penetrative+non-penetrative frac's		
BG10-03	313.40	314.40	B34850	1.00	<.03	strong brittle hairline frac'ing; 1-2 % diss py; 3-5% spec hem; 5% early med grey opaque qtz; <5% late wh opaque qtz+ank in discont' stress frac's		
BG10-03	314.40	315.00	B34851	0.60	0.069	as above		
BG10-03	315.00	316.00	B34852	1.00	0.411	3-5% spec hem; 1-2% py and rare cpy; low angle 1mm qtz+cc veinlet with spec hem+py+cpy+spinel? At 0 d TCA		
BG10-03	316.00	317.50	B34853	1.50	<.03	1-2% diss py in frac's; 5% early med grey qtz and late white opaque qtz+cc in hairline fra		
BG10-03	317.50	318.50	B34854	1.00	0.069	1-2% diss py in frac's; 10% early med grey qtz and late white opaque qtz+cc in hairline fra		
BG10-03	318.50	319.50	B34855	1.00	0.617	3-5% diss py in frac;s with white qtz+cc+ank; 1-2% spec hem in frac's;10% early med grey qtz and late whi opaque qtz+cc in hairline frac's		
BG10-03	319.50	320.50	B34856	1.00	0.411	3-5% diss py in frac's; 0 deg TCA grey qtz vn with py on margin		
BG10-03	320.50	321.50	B34857	1.00	0.069	1-2% diss py in frac's; 1-2% spec hem; early grey and late white q		
BG10-03	321.50	322.50	B34858	1.00	<.03	as above		
BG10-03	322.50	323.30	B34859	0.80	<.03	as above		
BG10-03	323.30	324.20	B34861	0.90	0.823	strong silica overprint from 323.3 to 324.1 m with fuschite flecs; early dk grey vn'ing; 3-5% diss py in matrix, 2% py in frac's		
BG10-03	324.20	325.00	B34862	0.80	0.206	1-2% py; 2-4% spec hem in frac's		
BG10-03	325.00	325.50	B34863	0.50	0.480	section becomes more siliceous from 325.4 to 326.25 m & the next two samples; 5-7% dis py in matrix and frac's; <1% spec hem in frac's		
BG10-03	325.50	326.20	B34864	0.70	1.817	5-7% dis py in matrix and in frac's; <1% spec her	1.783	1.851
BG10-03	326.20	327.30	B34866	1.10	0.069	326.2 to 334.3 m strong parallel to sub parallel 1mm frac's at 30 to 40 deg TCA with grey qtz+cc+chl + spe hem + py; overall py 1-3% and spec hem 1-4%		

Hole_ID	From	To	Sample_#	Length	Au ppm	Description	Au ppm_ck	Au ppm-ck2
BG10-03	327.30	328.30	B34867	1.00	0.274	as above		
BG10-03	328.30	329.80	B34868	1.50	<.03	as above		
BG10-03	329.80	331.30	B34869	1.50	<.03	as above		
BG10-03	331.30	332.00	B34870	0.70	0.686	as above		
BG10-03	332.00	333.00	B34871	1.00	0.686	as above		
BG10-03	333.00	333.90	B34872	0.90	0.754	as above		
BG10-03	333.90	334.60	B34874	0.70	0.960	334.3 m to 336.8 m strong sil overprint alt'n; 3-5% diss py in 1 mm frac's; <5% late opaque white qtz+alb+a vn's; no visible spec hem		
BG10-03	334.60	335.70	B34875	1.10	1.714	as abovebut grn badly broken RQD=40%; approx 10% of rubble pieces have qtz+good py in vn's; dk gre spinel?; no visible spec hem	1.989	1.440
BG10-03	335.70	336.30	B34876	0.60	0.617	strong sil overprint; dk grey+opaque white vn's with diss py and py on margins, overall 5-7%		
BG10-03	336.30	337.00	B34877	0.70	0.960	strong sil overprint; dk grey+opaque white vn's with diss py and py on margins, overall 5-7% py; qtz+chl in fr where sil flood ends at 336.8m	1.166	0.754
BG10-03	337.00	338.00	B34878	1.00	0.754	less sil section with hem or Kspar alt'n; strong brittle frac's 1 mm width with spec hem +		
BG10-03	338.00	338.50	B34879	0.50	1.474	5-7% diss py and 5-7% spec hem in brittle frac'	1.646	1.303
BG10-03	338.50	339.23	B34880	0.73	0.754	strong sil alt'n with 7-10% diss py in matrix & in frac's; 1-2% spec her		
BG10-03	*339.23*	*340.00*	*B34882*	0.77	*0.343*	*start of strong alt'n+ shear zone (339.25 to 346.3 m); flt at 339.23 strong ser+qtz+kspar or hem alt'n; 30% late opaque white qtz vn'ing from 339.25 to 339.39 m at 85 deg TCA; 3-5% spec hem, tr py*		
BG10-03	*340.00*	*340.60*	*B34883*	0.60	*0.343*	*8-12% diss py in 1 mm frac's at 10 to 55 deg TCA; strng sil alt'n*		
BG10-03	*340.60*	*341.20*	*B34884*	0.60	*0.274*	*2-5% diss py mostly on margins of late opaque white qtz+alb vn's at 45 deg TCA; matrix ser+fuschite flecs; pheno's have strong fol'n fabric*		
BG10-03	**341.20**	**342.00**	**B34885**	0.80	**107.007**	***visible gold at 341.2 to 341.6 m; 341.3 to 341.7 m dk grey qtz+mo+5-7%+coarse - fine visible gold in di grey qtz vn at 40-45 deg TCA; 10% late grey-white qtz 1-2mm width; 341.7 to 342 m 15-25% diss py on shear planes from 30 to 55 deg TCA, 2 cm dk grey qtz vn***	**129.053**	**84.961**
BG10-03	342.00	342.70	B34887	0.70	3.706	*342 to 342.5m 15-20% diss py along shear planes in dk grey qtz at 30 to 60 deg TCA; 15% dk grey qtz, most py in section from 342 to 342.2 m*		
BG10-03	342.70	343.50	B34888	0.80	1.337	*5-7% diss py in frac's with med grey & white qtz+alb; strong ser+sil alt'n*	1.234	1.440
BG10-03	343.50	344.10	B34889	0.60	4.217	*3-5% diss py in frac's; alt'n remains strong*	4.457	3.977
BG10-03	344.10	344.70	B34890	0.60	2.743	*344.1 to 345.5 m shear fabric less apparent but strong sil+ser alt'n; 3-5% diss py*	2.400	3.086
BG10-03	**344.70**	**345.50**	**B34891**	0.80	**6.034**	***as above***	**5.829**	**6.240**
BG10-03	**345.50**	**346.40**	**B34892**	0.90	**5.040**	***7-10% f.g. to m.g. py; shear more evident at 15 to 30 deg TCA; strong ser+sil alt'n until flt at 346 m a 15 deg TCA; after 346 m grey sil + leuc flecs + f.g py***	**5.829**	**4.251**
BG10-03	346.40	346.90	B34893	0.50	0.274	from 346.4 to 346.9 and 347.6 to 351.6 m strong luec flec and 5-7% spec hem which was not visible in previou highly alt'd sections; 3-8% diss anhrdral py in frac's, discont' frac's and perv in matrix		
BG10-03	346.90	347.60	B34894	0.70	0.617	8-10% diss py in section due to two 15 to 20 deg TCA grey qtz vn's 1 cm wide ea		
BG10-03	347.60	348.20	B34895	0.60	0.206	as with 346.4 to 346.9 m		
BG10-03	348.20	349.20	B34896	1.00	<.03	as with 346.4 to 346.9 m		
BG10-03	349.20	350.20	B34898	1.00	0.069	as with 346.4 to 346.9 m		
BG10-03	350.20	351.20	B34899	1.00	<.03	as with 346.4 to 346.9 m		
BG10-03	351.20	351.60	B34900	0.40	<.03	as with 346.4 to 346.9 m		
BG10-03	351.60	352.10	B34901	0.50	0.069	5 cm wide late opaque white to pink qtz vn' at litho contact at 85 deg TCA and 35% qtz+alb+ank vn'ing fro 351.7 to 351.95m; perv sil+leuc +mild ank alt'n; 1-3% diss py		

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BG10-03	352.10	352.60	B34902	0.50	0.137	perv sil+leuc+mild ank alt'n; 3-5% diss py in 1 mm frac's; 25% lt qtz+ank vn		
BG10-03	352.60	353.10	B34903	0.50	<.03	perv sil+leuc+mild ank alt'n; 3-5% diss py in frac'		
BG10-03	353.10	353.70	B34904	0.60	0.343	perv sil+leuc+mild ank alt'n; 3-5% diss py; 1 cm qtz vein with 30% py at 25 to 30 deg TC		
BG10-03	353.70	355.20	B48826	1.50	<.03	first 0.2m hily bl'd+alt'd posy por/sy w 5% cse d py; last 0.2m bl'd w 5% q-ank		
BG10-03	355.20	355.80	B48827	0.60	<.03	20% q-ank; hily bl'd; rare py		
BG10-03	355.80	356.55	B48828	0.75	<.03	20% q-ank; hily bl'd; rare py; 2* 1/8" 60% cse py vn's@47		
BG10-03	356.55	357.85	B48829	1.30	<.03	mody bl'd; 10% q-ank; fresh downhole		
BG10-03	364.50	365.20	B48830	0.70	<.03	15% q-ank vn's to 1"@60; 1/2" q-ank+ wk sil'n @52 w 10% cse d py		
BG10-03	371.15	372.40	B48831	1.25	<.03			
BG10-03	372.40	373.10	B48832	0.70	<.03	0.2m wy shr'd, wy sil'd chl-ank zone w 12% cse+2% f d py+10% spec in fract's-all@59; in 0.5m 15% leuco, wy bl'd		
BG10-03	373.10	374.45	B48834	1.35	<.03	10% sample 15% leuco assd w q-ank (20%)		
BG10-03	374.45	375.80	B48835	1.35	<.03	all w 15% leuco; 15% q-ank locy conc@65; 1-2% cse d py; 1/2" 70% cse py vn assd w chl+ q-ank@51		
BG10-03	377.65	379.15	B48836	1.50	<.03			
BG10-03	379.15	380.10	B48837	0.95	0.069	1/2" q-ank-chl vn in 0.05m orange hily bl'd w 10% cse d py@29 x-cuts other q-ank@120		
BG10-03	380.10	380.90	B48838	0.80	0.343	0.05m hily bl'd buff around blob q-ank w 12% cse+5% f d py@25		
BG10-03	380.90	382.60	B48839	1.70	<.03			
BG10-03	382.60	384.00	B48840	1.40	<.03			
BG10-03	384.00	384.55	B48841	0.55	<.03	0.05m+1" 20% q-ank frag's hily bl'd mody sil'd zones@54 w 20% cse d py		
BG10-03	384.55	385.25	B48842	0.70	<.03			
BG10-03	388.95	389.80	B48843	0.85	<.03	10% q-ank vn's to 3/4" @35; 1/2" q-ank vn w 10% cse d py+10% spec@18		
BG10-03	394.80	396.10	B48844	1.30	<.03	0.2m mody bl'd w 10% leuco, 5% spec+3% cse d py@62		
BG10-03	396.10	396.90	B48845	0.80	<.03	50% sample w 10% leuco@62 w 5% spec+3% cse d py		
BG10-03	396.90	397.85	B48846	0.95	0.891	80% sample w 10% leuco@62 w 15% q-ank+5% cse d py, locy conc to 15%		
BG10-03	415.95	417.20	B48847	1.25	0.07	0.15m 15% leuco centred on sil'd w 5% spec+ 3% cse d py@35		
BG10-03	417.20	418.15	B48848	0.95	<.03	2* 0.1m q-ank+ 3/4" chl vn's w 10% spec+5% cse d py@37+52		
BG10-03	418.15	419.65	B48849	1.50	<.03			
BG10-03	426.35	427.00	B48851	0.65	<.03	flt imm prec by 0.1 v hily bl'd+sil'd w 10% chl clots, imm prec by 0.1m mody hem'd w 10% leuco; rare py		
BG10-03	427.00	428.20	B48852	1.20	<.03	ct bet int dyke (dk gn) + dk pur dio @52		
BG10-03	428.20	429.00	B48853	0.80	3.909	peak alt'n in extension w 0.3m v hily bl'd+ sil'd w 10% f+ 10% cse d py; w 0.1m blk chl w 10% cse d py-all@4 3/4" med gy sil-chl vn	3.566	4.251
BG10-03	429.00	430.30	B48855	1.30	<.03			
BG10-03	431.25	432.50	B48856	1.25	<.03	posy 0.3m int dyke w shrp nat ct @76 but may be alt'n-dk br w posy 1/4" blk xeno; no py; 3% q-ank vn's		
BG10-04	5.05	6.10	B48857	1.05	<.03	1/4"+0.05m 70% cse py vn's in hily sil'd @4(		
BG10-04	15.00	16.10	B48858	1.10	0.07			
BG10-04	16.10	16.75	B48859	0.65	0.27	ct imm prec by 0.1m sil'd por+ o.2m chlc, hily alt'd dyke?-both w 10-20% f+5% cse d py-dyke@110+		
BG10-04	16.75	18.00	B48860	1.25	0.48			
BG10-04	18.00	19.00	B48861	1.00	0.07	20% q-ank@10-35 in wy sil'c		
BG10-04	19.00	19.55	B48862	0.55	0.75	bl'd ct imm foll by 0.2m chlc w 20% f d py in hily sil'd+ w ser'		
BG10-04	**19.55**	**20.40**	**B48864**	**0.85**	**53.743**	**8% cse d py locy conc in sil-chl vn's/fract's; mody sil'd; mottled; didn't see at first-V.G. nest 1/4"*1/8' in only one spot (nondescript)-impressive but doesn't look like there is continuity**		
BG10-04	20.40	21.55	B48865	1.15	0.34	flt imm foll by 1/4" 50% cse py vn; 5% cse d py@3		
BG10-04	21.55	22.75	B48866	1.20	<.03	15% q-ank; sil'd-alb'd?		

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BG10-04	22.75	24.00	B48867	1.25	<.03	30% q-ank@30		
BG10-04	24.00	25.50	B48868	1.50	<.03	locy sil'd wy; ser'd wy; 15% q-an		
BG10-04	25.50	27.00	B48869	1.50	0.14	locy sil'd wy; ser'd wy; 15% q-an		
BG10-04	27.00	28.35	B48870	1.35	0.21	ct imm foll by 1" sil'd w 20% f+10% cse d py assd w chl+ank@6		
BG10-04	30.45	31.90	B48871	1.45	<.03			
BG10-04	31.90	32.60	B48872	0.70	0.48	dyke is hily alt'd w ser-chl+10% q-ank+ 10%cse+10% f d py locy conc on ct's for 0.1		
BG10-04	32.60	33.80	B48873	1.20	<.03			
BG10-04	40.50	42.00	B48875	1.50	<.03	10% bull q-ank		
BG10-04	42.00	43.00	B48876	1.00	0.07	hily bl'd 2* 1/8"-1/4" 60% cse py vn's@140+4		
BG10-04	43.00	44.10	B48877	1.10	<.03			
BG10-04	53.55	54.50	B48878	0.95	<.03	flt imm prec by 0.2m 10% cse d py assd w hily sil'd+15% q-ank@10; imm foll by 0.1m 35% q-ank@45 w v hi bl'd w 10% f d py		
BG10-04	54.50	55.50	B48879	1.00	<.03			
BG10-04	55.50	57.00	B48880	1.50	0.069	hily bl'd; 15% cse d py+vn py to 1/8"@62-8		
BG10-04	57.00	58.55	B48881	1.55	<.03	flt imm foll by 0.1m q-ank+ser+ pa gy sil w 3-5% f d p		
BG10-04	58.55	59.45	B48882	0.90	<.03			
BG10-04	59.45	60.10	B48883	0.65	<.03	1/2" q-ank-chl vn w 20% cse py@1		
BG10-04	60.10	61.50	B48884	1.40	<.03	2* 1/8" 50% se py vn's@4		
BG10-04	61.50	63.00	B48885	1.50	<.03			
BG10-04	63.00	64.40	B48886	1.40	<.03	2* 1/2" 80% cse py vn's-blebs-@80+15 cut by q-an		
BG10-04	64.40	65.25	B48887	0.85	<.03			
BG10-04	65.25	66.00	B48888	0.75	0.069			
BG10-04	66.00	67.00	B48889	1.00	2.880	1' massive 95% cse py vn@40 w v cse xl's-some med gy qtz; prec by 5% cse d py; imm foll by 0.6m 30% cs d+vn py@42	2.880	2.880
BG10-04	67.00	67.85	B48891	0.85	2.777		2.880	2.674
BG10-04	67.85	68.90	B48892	1.05	0.960	25% q-ank stockwork gen@35+10 w 5% cse d p		
BG10-04	68.90	69.75	B48893	0.85	<.03	ct imm foll by 0.1m 5-8% f d py+30% q-an		
BG10-04	69.75	70.85	B48894	1.10	<.03			
BG10-04	72.00	72.90	B48895	0.90	0.960	0.05m q-ank-chl vn w 2% f d py+ poss myl-all@35; 0.05m 20% q-ank+ sil vn w 5%f d py@4		
BG10-04	72.90	74.05	B48896	1.15	<.03	bl'd; 5% q-ank		
BG10-04	74.05	75.00	B48897	0.95	0.069	0.3m mody sil'd, hily bl'd w 10% f d py+15% q-ank @2		
BG10-04	75.00	76.40	B48899	1.40	<.03	5% q-ank @20		
BG10-04	76.40	77.50	B48900	1.10	<.03	bl'd @47		
BG10-04	77.50	78.35	B48901	0.85	<.03	hily bl'd; 0.2m q-ank@52		
BG10-04	78.35	79.60	B48902	1.25	<.03			
BG10-04	82.65	83.70	B48903	1.05	0.137	tuff-5% cse py @ct's		
BG10-04	86.60	88.00	B48904	1.40	0.069	0.1m wy sil'd w 10% cse d py on tuff ct w 1/4" chl vn imm prec by 0.3m 25% q-ank@45; tuff trailing ct imm fc by 1/2" 20% cse py vn@33 0.1m away		
BG10-04	90.45	91.25	B48905	0.80	<.03	hily bl'd; 0.2m q-ank bullish@65		
BG10-04	91.25	92.25	B48906	1.00	0.069	0.15m hily sil'd w 30% q-ank+5% cse+5% f d py-all@3		
BG10-04	92.25	93.70	B48907	1.45	0.206	bl'd		
BG10-04	95.60	97.10	B48908	1.50	<.03	1/4" hily folded q-ank vn w 1% cse d py@75 overa		
BG10-04	97.10	98.50	B48909	1.40	0.069	hily bl'd; 30% cse py clots to 3/4"; 5% q-an		
BG10-04	98.50	99.40	B48910	0.90	<.03	15% q-ank @30; 0.1m 10% cse d py +1/4" dk gy q		
BG10-04	99.40	100.95	B48911	1.55	<.03	15% q-ank x-cuts tuff bedding@150		

Hole_ID	From	To	Sample_#	Length	Au ppm	Description	Au ppm_ck	Au ppm-ck2
BG10-04	100.95	102.45	B48912	1.50	<.03	5% q-ank		
BG10-04	102.45	103.25	B48913	0.80	<.03			
BG10-04	103.25	104.50	B48914	1.25	<.03	1" q-ank vn@20 w bl'c		
BG10-04	104.50	105.50	B48915	1.00	<.03			
BG10-04	105.50	106.40	B48916	0.90	0.411	well min'd 0.6m w 30% q-ank+ frag's in ser-chl w poss chl myl fract's+ 5% cse+ 5% f d py imm foll by 0.2m hi bl'd+sil'd w 40% q-ank-all @33		
BG10-04	106.40	107.50	B48918	1.10	<.03	0.2m q-ank in hily bl'd w 2% cse d p		
BG10-04	107.50	108.30	B48919	0.80	0.069	0.2m mody hem'd@32 w 10% q-ank+2% cse d p		
BG10-04	108.30	109.00	B48920	0.70	0.069	wy shr'd chl-ser w 5% q-ank+ 2% cse d py-all@35; wy sil'd; ends on 0.1m 10% cse d p		
BG10-04	109.00	110.20	B48921	1.20	0.069			
BG10-04	113.80	114.45	B48922	0.65	<.03	1/4" 70% cse py vn@34 in hily bl'c		
BG10-04	114.45	115.40	B48923	0.95	<.03			
BG10-04	115.40	116.20	B48924	0.80	<.03	2* 1/8" 50% cse py vn's@25		
BG10-04	116.20	117.15	B48925	0.95	<.03	ct imm prec by 1" folded 30% q-ank imm prec by 0.2m bx'd chl-sil zone w 20% q-ank frag's but <1% f d py		
BG10-04	117.15	118.40	B48926	1.25	0.069	br-pur poss alb'd ; 15% q-ank@50-7(		
BG10-04	131.45	132.80	B48927	1.35	0.069	0.1m wy bl'd+sil'd w chl-ser w 20% cse d py+posy sp		
BG10-04	132.80	134.40	B48929	1.60	<.03	0.2m hily bl'd w 10% q-ank+20% cse d py+vn py@25 ends on sl		
BG10-04	144.05	145.10	B48930	1.05	<.03	bl'd		
BG10-04	145.10	146.00	B48931	0.90	0.274	5% q-ank; 1" chty pa gy q-qank vn @84 w 5-8% cse d+clot py; flt imm prec by 3/4" 70% q-ank w 2% cse d py		
BG10-04	146.00	147.10	B48932	1.10	<.03	flt w 0.05m q-ank-then flt again w talc-chl gouge 1/8" imm foll by 0.2m ser'n+20% q-a		
BG10-04	166.00	167.15	B48933	1.15	0.069			
BG10-04	167.15	168.00	B48934	0.85	<.03	40% q-ank; flt w 1/8" gouge imm foll by 2% cse d py in 0.05m ser-chl-ank; late flt?; all bl'd+ totally fresh should samples		
BG10-04	168.00	169.00	B48935	1.00	<.03	10% q-ank		
BG10-04	175.70	176.15	B48936	0.45	0.137	1/4"-1" chl zone w 30% cse d py@2(		
BG10-04	176.15	177.45	B48937	1.30	0.069	1/4"-1" chl zone w 30% cse d py@25		
BG10-04	179.50	180.60	B48938	1.10	0.069	ct's		
BG10-04	192.35	193.65	B48939	1.30	<.03	ct; bl'd; slip; ser'd wy		
BG10-04	193.65	194.35	B48940	0.70	<.03	slip in 1" 30% cse py vn's@52 in 0.1m hily bl'c		
BG10-04	194.35	195.55	B48941	1.20	0.343			
BG10-04	198.00	199.30	B48942	1.30	0.137	ct; 3/4" dk gy-med gy qv@33 w 2% cse d p		
BG10-04	211.50	212.75	B48943	1.25	0.069	5% q-ank; locy wy shr'd w ser'n@4(		
BG10-04	212.75	214.10	B48944	1.35	0.069			
BG10-04	228.80	229.55	B48945	0.75	<.03	1" hily bl'd-ser'd wy w 1-2% f d py+ 35% q-ank@4		
BG10-04	230.75	231.80	B48946	1.05	<.03	5% q-ank; 1/2" q-ank vn w 5% cse d py@4		
BG10-04	231.80	232.45	B48947	0.65	0.137	wy bl'd; 1/2" chl-ank-pa gy qv w 10% cse d py on slip-all@45		
BG10-04	232.45	233.25	B48948	0.80	<.03	shr; 2* 0.05m q-ank bull vn's; abun ser'n		
BG10-04	233.25	234.75	B48949	1.50	<.03	flt w at least 1/4" gouge centres peak alt'n-late x-fl		
BG10-04	234.75	235.70	B48950	0.95	0.754	10% q-ank in hily bl'd zone w 2% chl fract's w 5% cse py+2* 3/4" chl-q-ank vn's w 30% cse py-all@		
BG10-04	235.70	236.50	B48952	0.80	<.03			
BG10-04	236.50	237.50	B48953	1.00	<.03	3/4" vuggy qtz-carb vein imm prec by 0.1m pk carb+ hily bl'd-w 5% cse d py-all@3		
BG10-04	237.50	238.60	B48954	1.10	<.03	5% q-ank; locy bl'd/hem'd @6(		
BG10-04	248.00	249.00	B48956	1.00	<.03	3% f d py in 1/2" med gy q-ank vn@7		

Hole_ID	From	To	Sample_#	Length	Au ppm	Description	Au ppm_ck	Au ppm-ck2
BG10-04	249.00	249.90	B48957	0.90	<.03			
BG10-04	249.90	250.85	B48958	0.95	<.03	peak bl'g centred on 0.2m 40% q-ank@26 w 2% cse d p		
BG10-04	250.85	252.05	B48959	1.20	<.03	hily bl'd		
BG10-04	254.45	255.60	B48960	1.15	<.03	5% q-ank@25+80 w 5% cse d py		
BG10-04	261.00	262.35	B48961	1.35	<.03	5% spec+3% cse d py in 1" pa gy qv @2!		
BG10-04	262.35	263.25	B48962	0.90	<.03	1/4" 20% cse py vnimm prec by 0.1m 30% q-ank, wy sil'd-all@7		
BG10-04	263.25	264.55	B48963	1.30	<.03			
BG10-04	267.90	269.00	B48964	1.10	<.03	2*1/2" q-ank vn's w 2% cse d py in wy sil'd; ser-chl wk alt'		
BG10-04	273.00	274.20	B48965	1.20	0.206	flt in 1" epi-ser+rare cse d py		
BG10-04	287.50	288.40	B48966	0.90	<.03	inc'g shr'd downhole		
BG10-04	288.40	289.00	B48967	0.60	<.03	flt imm prec by 0.05m wt qv w ser+5% cse d py imm prec by 0.3m shr'd ser-chl; flt imm foll by 10% q-ank		
BG10-04	289.00	290.20	B48969	1.20	<.03	10% q-ank+5% pa gy qv's to 1/2" w rare f d py-sim to QSZ; 0.2m dk gn chl d		
BG10-04	290.20	291.25	B48970	1.05	0.069	5% q-ank; wy ser'd; 1/8" pa gy qv w 3% f d py@5		
BG10-04	291.25	291.85	B48971	0.60	1.338	1/2" pa gy qv w 10% cse d py imm prec by 1" 70% cse py vn imm prec by 1/8" chl (myl?) @57 in bl'd sil'd zor w 5% cse py in tight vn's	1.166	1.509
BG10-04	291.85	293.05	B48972	1.20	0.411	wy sil'd+ bld w 2% cse d py		
BG10-04	293.05	294.35	B48973	1.30	<.03			
BG10-04	294.35	295.70	B48974	1.35	0.069	ct		
BG10-04	306.35	307.50	B48976	1.15	<.03	flt imm prec by 0.1m hily bl'd		
BG10-04	307.50	309.00	B48977	1.50	<.03			
BG10-04	309.00	309.80	B48978	0.80	2.023	3/4" dk gy qv+ank @72 w 5% cse d py; bl'	2.126	1.920
BG10-04	309.80	310.90	B48979	1.10	0.069	bl'd		
BG10-04	310.90	312.60	B48980	1.70	<.03			
BG10-04	312.60	313.80	B48981	1.20	0.07			
BG10-04	313.80	315.00	B48982	1.20	<.03			
BG10-04	315.00	316.40	B48983	1.40	0.206	0.2m 5% spec+5% cp+5% cse d py		
BG10-04	316.40	317.40	B48984	1.00	<.03	5% spec		
BG10-04	329.90	331.20	B48985	1.30	0.069	5% clots chl w 2% spec+ f d py		
BG10-04	331.20	332.20	B48986	1.00	<.03	5% clots chl w 2% spec+ f d py		
BG10-04	332.20	333.30	B48987	1.10	0.754	hily bl'd; locy wy sil'd; 0.2m 5% cse d py w 5% med gy q frag's@66 @		
BG10-04	333.30	334.60	B48988	1.30	<.03			
BG10-04	334.60	336.00	B48989	1.40	0.069			
BG10-04	336.00	337.50	B48990	1.50	<.03			
BG10-04	337.50	338.60	B48991	1.10	<.03	5% cse d+vn'd py@40; bl'c		
BG10-04	338.60	340.05	B48992	1.45	4.046		4.251	3.840
BG10-04	340.05	341.50	B48993	1.45	1.440	1/8" 20% cse py vn@41; 5% q-ank; wy ser'd+chl'd; 2% cse d p	1.577	1.303
BG10-04	341.50	342.40	B48994	0.90	4.355	1" 20% cse py vn@40 assd w chl-sil; 3/4" chl-sil w 8% cse d py@38; ser'	4.526	4.183
BG10-04	342.40	343.40	B48995	1.00	3.600	8% q-ank; 5% chl-sil blebs; 5% cse d py	3.703	3.497
BG10-04	343.40	344.50	B48996	1.10	2.606	hily sil'd; ct; 15% pa gy q frag's sim to QSZ; 5-6% cse d py; 5% f d p	2.880	2.331
BG10-04	344.50	345.35	B48998	0.85	0.686	hily sil'd; 15% med gy qv's to 1/4"@50 sim to QSZ; 3% cse d p		
BG10-04	345.35	346.10	B48999	0.75	0.069	wy hem'c		
BG10-04	346.10	347.05	B49000	0.95	2.263	gph/moly? flt imm prec by 3/4" 80% cse py vn; 0.15m 50% wt-med gy qv's to 1"@50 w 10-12% cse d py; ser'd	2.743	1.783
BG10-04	347.05	348.00	B47602	0.95	1.063	ser'd wy; sil'd;	1.166	0.960

Hole_ID	From	To	Sample_#	Length	Au ppm	Description	Au ppm_ck	Au ppm-ck2
BG10-04	348.00	349.40	B47603	1.40	0.891			
BG10-04	349.40	351.00	B47604	1.60	0.069			
BG10-04	351.00	352.50	B47605	1.50	0.480			
BG10-04	352.50	354.00	B47606	1.50	<.03			
BG10-04	354.00	355.50	B47607	1.50	0.069	2* 1/8" ser-chl-sil vn's w 10% f d py@46+35; ser'n ct w fresher@4		
BG10-04	355.50	356.55	B47608	1.05	0.069	inc'gly alt'd w bl'g wk+ 5% chl-sil fract's; rare cp; 3% f d p		
BG10-04	356.55	357.40	B47609	0.85	0.069	10% pa gy q str's@5-23 w 2% f d py;sim to QS		
BG10-04	357.40	358.50	B47610	1.10	0.274	10% pa gy q str's@20-55 w 2% f d py;sim to QS		
BG10-04	358.50	359.35	B47611	0.85	0.480	10% pa gy q str's@20-60 w 2% f d py; bl'd mody; sim to QS		
BG10-04	359.35	360.50	B47612	1.15	0.686	10% pa gy q str's@30-60 w 2% f d py; hily bl'd centred on 3/4" pa-med gy qv w 10% cse d py@38+ on slips;s to QSZ		
BG10-04	360.50	361.35	B47613	0.85	0.960	hily sil'd; 20% med gy q str's to 1" w 20% f+10% cse d py-@55-58 assd w f		
BG10-04	361.35	362.10	B47615	0.75	0.480	20% med gy q str's@20-30 w 5% f d py; hily bl'd+sil'd; sim to QS.		
BG10-04	362.10	363.20	B47616	1.10	0.549	20% med gy q str's@20-30 w 10% f d py; hily bl'd+sil'd; sim to QS.		
BG10-04	363.20	364.10	B47617	0.90	0.480	20% med gy q str's@20-30 w 10% f d py; hily bl'd+sil'd; sim to QS.		
BG10-04	364.10	364.85	B47618	0.75	0.686	flt brings in hem'n+ 10% f +5% cse d py; rare chl-sil@5		
BG10-04	364.85	365.70	B47619	0.85	0.549	hily hem'd brick red; 10% f+10% cse d py assd w mody sil'd med gy+ hairline med gy q str's gen @44; w min'd; hily fract'd		
BG10-04	365.70	366.45	B47620	0.75	0.411	hily hem'd brick red; 10% f+20% cse d py assd w mody sil'd med gy+ hairline med gy q str's gen @44; w min'd; hily fract'd		
BG10-04	366.45	367.25	B47622	0.80	0.823	hily hem'd brick red; 10% f+10% cse d py assd w mody sil'd med gy+ hairline med gy q str's gen @44; w min'd; hily fract'd		
BG10-04	367.25	368.00	B47624	0.75	1.578	hily hem'd brick red; 10% f+10% cse d py assd w mody sil'd med gy+ hairline med gy q str's gen @44; w min'd; hily fract'd	1.509	1.646
BG10-04	368.00	368.80	B47625	0.80	1.269	hily hem'd brick red; 10% f+10% cse d py assd w mody sil'd med gy+ hairline med gy q str's gen @44; w min'd; hily fract'd; 1/4" dk gy lam'd q vn @36 w 15% cse d py	1.303	1.234
BG10-04	368.80	369.50	B47626	0.70	1.965	hily hem'd brick red; 10% f+10% cse d py assd w mody sil'd med gy+ hairline med gy q str's gen @44; w min'd; hily fract'd; 10% q-ank; hem'n ends abruptly on ct	1.714	2.216
BG10-04	369.50	370.45	B47627	0.95	1.577	buff hily bld w 10% q-ank+ 30% sil'd hily to med gy w 20% f d py-sil'n fract stockwork gen@45-	1.577	1.577
BG10-04	370.45	371.30	B47628	0.85	0.891	first 0.3m as above but then freshens quickly w rare p		
BG10-04	371.30	372.10	B47629	0.80	0.206	5% q-ank; bl'd		
BG10-04	372.10	373.10	B47630	1.00	0.206	hem'd w 3% f d py; 0.2m gn chlc zone@4		
BG10-04	373.10	373.80	B47631	0.70	<.03	5% dk gy q frag's		
BG10-04	373.80	374.80	B47632	1.00	0.137	10% dk gy q frag's; 2% spec+2% f d p		
BG10-04	374.80	375.55	B47633	0.75	1.234	shr w 20% med gy qtz frag's+10% q-ank+10% cse d py; then hily sil'd por w 20% f+10% cse d py-then 10 f+cse d py	1.234	1.234
BG10-04	**375.55**	**376.80**	**B47635**	**1.25**	**5.692**	**hily sil'd; 10% med gy q frag's/str's; 5% cse d py; 0.2m hily hem'd brick red w 10-12% cse d p**	5.417	5.966
BG10-04	376.80	377.55	B47636	0.75	0.960	hily sil'd; 20% med gy q frag's/str's; 5% cse d py		
BG10-04	377.55	378.45	B47637	0.90	0.411	hily sil'd; 40% med gy q frag's/str's; 0.1m of ser-chl w 30% f d py+15% cse d py in chl;		
BG10-04	378.45	379.50	B47638	1.05	0.960	20% med gy sil-chl zones+ med gy qtz frag's w 15% cse d py; hily ser'd-chl'd; 1" milk wt qv w 30% f d py assd chl (myl?) @23		
BG10-04	379.50	380.35	B47639	0.85	0.274	hem'd; 20% leuc		
BG10-04	380.35	381.15	B47640	0.80	0.069	hem'd; 20% leuco; 2* 3/4" q-ank w 5% spec+5% cse d py@31+5		
BG10-04	381.15	382.10	B47641	0.95	<.03	20% leuco for 60%; 2* 1/4" ank-chl-med gy qv zones w 5% cse d py@31 in hily bl'd 0.1m zon		
BG10-04	382.10	383.50	B47642	1.40	<.03	1/8" q-ank w 10% cse d py@6		

Hole_ID	From	To	Sample_#	Length	Au ppm	Description	Au ppm_ck	Au ppm-ck2
BG10-04	383.50	384.25	B47643	0.75	<.03	60% hily bl'd w 20% q-ank+ w 10% f+10% cse d py-posy por dykes-@5		
BG10-04	384.25	385.50	B47644	1.25	<.03			
BG10-04	385.50	387.00	B47645	1.50	<.03			
BG10-04	387.00	387.70	B47646	0.70	<.03	1/4" q-ank w 1/8" 70% cse py vn@57 in 1" bl'(		
BG10-04	387.70	389.00	B47647	1.30	<.03			
BG10-04	389.00	390.00	B47648	1.00	0.69			
BG10-05	4.20	5.00	B45107	0.80	<.03	1-2% py thds		
BG10-05	5.00	6.00	B45108	1.00	<.03	3-4% py thds		
BG10-05	6.00	7.00	B45109	1.00	0.274	10% py strs & thds		
BG10-05	7.00	8.00	B45110	1.00	<.03	10% py thds & strs		
BG10-05	8.00	9.00	B45111	1.00	0.411	8% py thds & strs		
BG10-05	9.00	10.50	B45112	1.50	<.03	<1% py thds		
BG10-05	10.50	12.00	B45113	1.50	<.03	1-2% py thds & diss		
BG10-05	12.00	13.40	B45114	1.40	<.03	1-2% py as irreg thds & diss grains		
BG10-05	13.40	14.20	B45115	0.80	<.03	trace fg diss py		
BG10-05	14.20	15.10	B45116	0.90	<.03	<1% vfg py in ch		
BG10-05	15.10	16.20	B45117	1.10	<.03	trace py		
BG10-05	16.20	17.20	B45118	1.00	<.03	trace py		
BG10-05	17.20	18.50	B45119	1.30	<.03	trace py		
BG10-05	42.00	43.44	B45120	1.44	<.03	No Sig. Min'n (NSM), wk fuchsite spots		
BG10-05	43.44	44.50	B45121	1.06	<.03	trace py		
BG10-05	44.50	46.00	B45122	1.50	<.03	trace py		
BG10-05	46.00	47.50	B45123	1.50	<.03	<0.5% py thds on joints		
BG10-05	47.50	49.00	B45125	1.50	<.03	trace py thds & sulfidized patch		
BG10-05	49.00	50.00	B45126	1.00	<.03	trace py		
BG10-05	50.00	51.00	B45127	1.00	<.03	5-7% py as fg thds & irreg strs		
BG10-05	51.00	52.00	B45128	1.00	<.03	3% py thds		
BG10-05	52.00	53.00	B45129	1.00	<.03	1% py thds		
BG10-05	53.00	54.00	B45130	1.00	<.03	1-2% py thds		
BG10-05	54.00	55.00	B45131	1.00	<.03	trace py thds & spots		
BG10-05	55.00	56.00	B45132	1.00	<.03	3-4% py thds		
BG10-05	56.00	57.00	B45133	1.00	<.03	2-3%v py thds		
BG10-05	57.00	58.00	B45134	1.00	<.03	6% py- mainly as 5cm str at 57.8 @15-30dc		
BG10-05	58.00	59.00	B45136	1.00	<.03	<1% py thds		
BG10-05	59.00	60.00	B45137	1.00	<.03	<1% py thds		
BG10-05	60.00	61.00	B45138	1.00	<.03	<1% py thds		
BG10-05	61.00	62.00	B45139	1.00	<.03	1-2% py thds		
BG10-05	62.00	63.00	B45140	1.00	<.03	trace py		
BG10-05	63.00	64.00	B45141	1.00	<.03	trace py		
BG10-05	64.00	65.00	B45142	1.00	<.03	4% py as irreg thds & strs		
BG10-05	65.00	66.00	B45143	1.00	<.03	1% py		
BG10-05	66.00	67.50	B45144	1.50	<.03	trace py, pale orangy pink microcline zone- broken co		
BG10-05	67.50	69.00	B45145	1.50	<.03	trace py, pale orangy pink microcline zone- broken co		
BG10-05	69.00	70.20	B45146	1.20	<.03	trace-NIL py, microline wk to 69.5, bleached fault zone 69.5-70		
BG10-05	70.20	71.50	B45147	1.30	<.03	0.5% fg py as thds & minor irreg clots		

Hole_ID	From	To	Sample_#	Length	Au ppm	Description	Au ppm_ck	Au ppm-ck2
BG10-05	71.50	72.50	B45148	1.00	0.343	4% py as fg ms thds & strs at 30-40 & occ 150dca, 1 to +15mm thic		
BG10-05	72.50	73.80	B45149	1.30	<.03	<1% py as rare thds		
BG10-05	73.80	75.00	B45150	1.20	<.03	1-2% py as thds atb 35 & occ 150dca		
BG10-05	75.00	76.50	B45151	1.50	<.03	<1% py thds at 40-60dca		
BG10-05	76.50	78.00	B45153	1.50	0.137	< 0.5% py thds dev'd on jts & frac's		
BG10-05	78.00	79.50	B45154	1.50	0.754	<1% irreg py thds sealing jts & frac's		
BG10-05	79.50	81.00	B45155	1.50	0.206	trace py thds		
BG10-05	81.00	82.50	B45156	1.50	<.03	1% irreg py thds		
BG10-05	82.50	84.00	B45157	1.50	0.274	1-2% py thds in part folded at 20-70 and 0dc		
BG10-05	84.00	85.50	B45158	1.50	0.069	2-3% irreg py thds		
BG10-05	85.50	87.00	B45159	1.50	<.03	trace-<0.5% py thds		
BG10-05	87.00	88.50	B45160	1.50	0.069	No sig Min'n (NSM)		
BG10-05	88.50	90.00	B45161	1.50	<.03	<1% py as irreg thds & clots on frac's		
BG10-05	90.00	91.50	B45162	1.50	<.03	2-3% py thds irreg thrc		
BG10-05	91.50	93.00	B45163	1.50	<.03	trace py thds & fg spots		
BG10-05	93.00	94.50	B45164	1.50	<.03	trace py on fracs		
BG10-05	94.50	95.50	B45165	1.00	<.03	<1% py as thds on jts & frac's		
BG10-05	95.50	96.60	B45166	1.10	0.960	12-15% py as irreg thd stockwork & strs gen at 25 & occ at 70 / 0 to 150dca; minor subparallel qtz thds <5% minor black chl/gf? ass'd with pyrite		
BG10-05	96.60	97.60	B45168	1.00	<.03	0.5% vfg py thds on frac's at 20, 35 & 140dca		
BG10-05	97.60	99.00	B45169	1.40	<.03	3-5% py as xcutting rotated strs 1-2cm at 14-0dca; wk spotty microcline bandir		
BG10-05	99.00	100.50	B45170	1.50	<.03	trace py as minor thds at 130 & occ 30dca		
BG10-05	100.50	102.00	B45171	1.50	<.03	NSM		
BG10-05	102.00	103.50	B45172	1.50	<.03	trace py		
BG10-05	103.50	105.00	B45173	1.50	<.03	trace py thds		
BG10-05	105.00	106.50	B45174	1.50	<.03	<0.5% py thds		
BG10-05	106.50	108.00	B45175	1.50	<.03	1-2% py strs sealing wk bx bands <2cm wid		
BG10-05	108.00	109.50	B45176	1.50	<.03	<0.5% py thds on jts		
BG10-05	109.50	111.00	B45177	1.50	<.03	trace py thds		
BG10-05	111.00	112.50	B45178	1.50	<.03	trace py, wk orangy microcline starts at below 111.8		
BG10-05	112.50	113.30	B45179	0.80	<.03	trace py, wk orangy - microcline altn as wa		
BG10-05	113.30	114.20	B45180	0.90	<.03	bull qv, NSM		
BG10-05	114.20	115.20	B45181	1.00	<.03	NSM, orangy altn thrc		
BG10-05	115.20	116.50	B45182	1.30	<.03	rare spk vfg diss py		
BG10-05	116.50	118.00	B45183	1.50	<.03	trace mg diss py, minor chl thds		
BG10-05	118.00	119.50	B45184	1.50	<.03	trace mg diss py, minor chl thds		
BG10-05	119.50	121.00	B45185	1.50	<.03	NSM		
BG10-05	139.50	141.00	B45187	1.50	<.03	3-5% fg py sts & thds at 40dca, occ clots		
BG10-05	141.00	142.50	B45188	1.50	<.03	3% fg py clots & thds		
BG10-05	142.50	143.40	B45189	0.90	0.137	<1% py thds & strs		
BG10-05	143.40	144.00	B45190	0.60	0.686	5-10% fg py dv'd in bx/fracture filling ch		
BG10-05	144.00	145.50	B45191	1.50	0.617	2% py as strs		
BG10-05	145.50	146.50	B45192	1.00	0.206	NSM -trace py, wall rock to break sear		
BG10-05	146.50	148.00	B45193	1.50	<.03	2-3% py f&mg as thds at 40dca		
BG10-05	148.00	149.50	B45194	1.50	<.03	<1% py as wkly dev'd thds		

Hole_ID	From	To	Sample_#	Length	Au ppm	Description	Au ppm_ck	Au ppm-ck2
BG10-05	149.50	151.00	B45195	1.50	<.03	trace py dev'ed on chl'c parting plane		
BG10-05	168.00	169.50	B45197	1.50	<.03	trace py, wk bl chl thds		
BG10-05	169.50	171.00	B45198	1.50	<.03	NSM, wk bl chl thds		
BG10-05	171.00	172.00	B45199	1.00	<.03	NSM, wk bl chl thds		
BG10-05	172.00	173.00	B45200	1.00	<.03	NSM, wk bl chl thds		
BG10-05	173.00	174.00	B45201	1.00	<.03	6% py as 4cm str & minor thds at 60 & 85dc		
BG10-05	174.00	175.00	B45202	1.00	<.03	NSM		
BG10-05	175.00	176.00	B45203	1.00	<.03	<1% py as wk clo		
BG10-05	176.00	177.00	B45204	1.00	<.03	NSM		
BG10-05	177.00	178.50	B45205	1.50	<.03	<1% py as wk thds/strs at 25-30dc		
BG10-05	178.50	180.00	B45206	1.50	<.03	trace diss py		
BG10-05	180.00	181.50	B45207	1.50	<.03	trace py		
BG10-05	181.50	183.00	B45209	1.50	<.03	NSM		
BG10-05	208.70	209.70	B45210	1.00	<.03	NSM		
BG10-05	209.70	210.70	B45212	1.00	<.03	trace rare vfg diss py on fra		
BG10-05	210.70	211.40	B45213	0.70	<.03	tyrace vfg diss py, 20% qtz in vlt		
BG10-05	211.40	212.40	B45214	1.00	<.03	trace py		
BG10-05	212.40	213.70	B45215	1.30	<.03	NSM		
BG10-05	213.70	214.30	B45216	0.60	<.03	<0.5% vfg py, 2cm cvl		
BG10-05	214.30	215.70	B45218	1.40	<.03	trace fg diss py		
BG10-05	215.70	216.80	B45219	1.10	0.07	trace fg diss py		
BG10-05	216.80	217.80	B45220	1.00	0.41	NSM		
BG10-05	217.80	218.60	B45221	0.80	<.03	trace py, 30% qtz as highly sild upper wall rock and 5cm ribbon q		
BG10-05	218.60	219.30	B45222	0.70	<.03	trace vfg py dev'd on fracture plane		
BG10-05	219.30	220.30	B45223	1.00	<.03	3% py as wk lenses & disrupted strs at 10-30dc		
BG10-05	220.30	221.30	B45225	1.00	<.03	trace py as minor thds at 130 & occ 30dc		
BG10-05	221.30	222.20	B45226	0.90	<.03	NSM		
BG10-05	222.20	222.90	B45227	0.70	<.03	NSM		
BG10-05	222.90	223.50	B45228	0.60	0.274	2% f-mg py as thd ass'd with minor qc-chl strd shear at 40dc		
BG10-05	223.50	225.00	B45229	1.50	<.03	<1% fg py thds on frac's		
BG10-05	225.00	226.50	B45230	1.50	<.03	trace py fg diss		
BG10-05	226.50	228.00	B45231	1.50	<.03	trace py on chl thds sealing jt		
BG10-05	228.00	229.20	B45232	1.20	0.137	<1% py as mg clots		
BG10-05	229.20	229.70	B45233	0.50	0.069	4-5% mg py thds dev'd sealing fracyures; wk seric ban		
BG10-05	229.70	231.00	B45234	1.30	<.03	NSM		
BG10-05	231.00	232.50	B45235	1.50	<.03	trace py on frac's		
BG10-05	232.50	233.80	B45236	1.30	<.03	trace fg diss py		
BG10-05	233.80	235.00	B45237	1.20	<.03	<1% m-fg py clots & diss grains		
BG10-05	235.00	236.00	B45238	1.00	<.03	<0.5% py spotting		
BG10-05	236.00	237.20	B45239	1.20	0.274	trace py in vuggy broken qv zon		
BG10-05	237.20	238.50	B45240	1.30	0.137	NSM		
BG10-05	246.00	247.50	B45241	1.50	<.03	1% f&mg diss py		
BG10-05	247.50	249.00	B45243	1.50	<.03	1% diss py, occ thd, tr seric, minor fuchsite patch		
BG10-05	249.00	250.50	B45244	1.50	<.03	trace rare py spk		
BG10-05	250.50	252.00	B45245	1.50	0.069	<2% f&mg py as wk thds & diss grains, tr seric patches, occ spk fuchsite, base wkly chl		

Hole_ID	From	To	Sample_#	Length	Au ppm	Description	Au ppm_ck	Au ppm-ck2
BG10-05	252.00	253.00	B45246	1.00	<.03	<1% fg diss py		
BG10-05	253.00	254.00	B45247	1.00	<.03	3-2% irreg py clots & diss grains		
BG10-05	254.00	255.00	B45248	1.00	<.03	Contact: 3-4% py OVERALL: as thds & strs in upper wall, vfg diss in diorite below conta		
BG10-05	255.00	256.00	B45249	1.00	<.03	NSM		
BG10-05	256.00	257.00	**B45253**	1.00	<.03	Trace py; 35% FP xeno at top contact, balance is diori		
BG10-05	257.00	258.00	**B45254**	1.00	<.03	20cm diorite, balance sil'd felsite, 30% qtz, trace py		
BG10-05	258.00	258.60	**B45255**	0.60	0.411	sild bx lower contact, NSM		
BG10-05	258.60	259.70	**B45256**	1.10	0.137	chlc intrusion bx, NSM		
BG10-05	263.00	264.00	B45250	1.00	0.137	1-2% mg py as wk strs/thds at 25dca		
BG10-05	271.50	272.50	B45251	1.00	<.03	trace mg py as occ patches, wk ribbon qstr+seric at 271.83 / 2cm @ 60dc		
BG10-05	272.50	273.50	B45252	1.00	<.03	<05% py as wk thc		
BG10-05	273.50	274.50	**B45257**	1.00	0.137	2-3%mg diss py thds & clots, >10% qc strs		
BG10-05	274.50	276.00	B45258	1.50	<.03	3-4% mg diss py		
BG10-05	276.00	277.50	B45259	1.50	0.34	<1% fg diss py, 5-1) qc strs		
BG10-05	277.50	278.20	B45260	0.70	<.03	2% fg diss py in walls, 7cm qvlt show dol walls at 277.85 @55dc		
BG10-05	278.20	279.00	B45261	0.80	<.03	3-4% f-mg diss py		
BG10-05	279.00	280.00	B45263	1.00	<.03	1-2% py mainly as <1cm py str thd at 279.25 @ 10-35dca in open Z flextu		
BG10-05	280.00	281.00	B45264	1.00	0.069	3-5% f-mg diss py & thds, 10-15% qtz-dol str undulating along core ax		
BG10-05	281.00	282.00	B45265	1.00	<.03	2-4% F=MG DISS PY		
BG10-05	282.00	283.00	B45266	1.00	<.03	<0.5% mg diss py clots		
BG10-05	283.00	284.00	B45267	1.00	0.480	1-2% py thds dev'd on frac's & jts		
BG10-05	284.00	285.00	B45268	1.00	0.411	1-2% py as clots, diss grains & rare thds		
BG10-05	285.00	286.00	B45269	1.00	0.617	4% py mg diss as walls to well foliated bx siln band at 285.30-285.53 @ 60dca, last 2cm as bull white qtz str.		
BG10-05	286.00	286.70	B45270	0.70	3.017	3-5% py as patches & thds on jts	3.017	3.017
BG10-05	286.70	287.40	B45271	0.70	1.337	1-2% py in area ob mod siln 30% qtz and wk shearing at 30 & 70dc	1.371	1.303
BG10-05	287.40	288.00	B45272	0.60	3.497	10% py as wispy strs ptf at 30-50dca	3.360	3.634
BG10-05	**288.00**	**289.00**	**B45273**	1.00	**5.177**	**8-12% mg py as coarse patches & wall rock strs to irreg milky white qtz sil. band/vein at 288.33-288.5 ortiented 20-dca**	**5.280**	**5.074**
BG10-05	289.00	289.95	B45275	0.95	0.960	3% py as wormy folded thds in buff seric altn wa		
BG10-05	289.95	290.50	B45276	0.55	0.549	trace py		
BG10-05	290.50	291.20	B45277	0.70	1.372	bleached siln zone, NSM	1.234	1.509
BG10-05	291.20	292.10	B45278	0.90	2.709	bleached siln zone, NSM	2.811	2.606
BG10-05	**292.10**	**292.90**	**B45279**	0.80	**8.400**	**4-6% py as wk str dev'd at base of xenc**	**7.954**	**8.846**
BG10-05	292.90	294.00	B45280	1.10	<.03	<0.5% py as clots on jts		
BG10-05	294.00	295.50	B45281	1.50	<.03	trace few spks py		
BG10-05	295.50	297.00	B45282	1.50	0.206	<1% py as spks & partial thds		
BG10-05	318.00	319.50	B45284	1.50	0.480	2-3% wk py strs / partial thds at 30dca		
BG10-05	319.50	321.00	B45285	1.50	<.03	1-2% py		
BG10-05	321.00	322.50	B45286	1.50	<.03	1-2% irreg py		
BG10-05	322.50	324.00	B45287	1.50	<.03	1-2% mg diss py		
BG10-05	324.00	325.50	B45288	1.50	<.03	trace py		
BG10-05	325.50	326.50	B45289	1.00	<.03	trace py		
BG10-05	326.50	327.20	B45290	0.70	<.03	sild porph band trace py		
BG10-05	327.20	328.50	B45292	1.30	<.03	trace py, minor bl chl thds		

Hole_ID	From	To	Sample_#	Length	Au ppm	Description	Au ppm_ck	Au ppm-ck2
BG10-05	328.50	330.00	B45293	1.50	<.03	trace py		
BG10-05	330.00	331.50	B45294	1.50	<.03	trace py, wkly chl'c zone		
BG10-05	331.50	333.00	B45295	1.50	<.03	trace py, wkly chl'c zone		
BG10-05	333.00	334.50	B45296	1.50	<.03	trace py, wkly chl'c zone		
BG10-05	334.50	336.00	B45297	1.50	0.206	trace py, wkly chl'c zone		
BG10-05	336.00	337.50	B45298	1.50	0.069	trace py, wkly chl'c zone		
BG10-05	337.50	339.00	B45300	1.50	0.206	minor chl thds, trace py		
BG10-05	339.00	340.50	B47101	1.50	<.03	ditto		
BG10-05	340.50	342.00	B47102	1.50	<.03	1% mg py on chl'c thds running along core axis at 0dc		
BG10-05	342.00	343.50	B47103	1.50	0.07	1-2% py thds & strs, 1-2% free qtz		
BG10-05	343.50	345.00	B47104	1.50	0.14	trace vfg py as rare spl		
BG10-05	345.00	346.50	B47105	1.50	0.14	trace py		
BG10-05	346.50	348.00	B47106	1.50	<.03	1% mg diss py		
BG10-05	348.00	349.50	B47108	1.50	<.03	2% mg diss py		
BG10-05	349.50	351.00	B47109	1.50	<.03	3-1$ diss py		
BG10-05	351.00	352.50	B47110	1.50	<.03	trace vfg py		
BG10-05	352.50	354.00	B47111	1.50	<.03	1-2% mg py clots		
BG10-05	354.00	355.50	B47112	1.50	0.069	2%fg diss py		
BG10-05	355.50	357.00	B47113	1.50	0.549	trace py on fracs		
BG10-05	357.00	358.50	B47115	1.50	<.03	1% py diss & minor thds		
BG10-05	358.50	360.00	B47116	1.50	<.03	NSM, <5% qc strs		
BG10-05	360.00	361.50	B47117	1.50	<.03	NSM, sericitic		
BG10-05	361.50	363.00	B47118	1.50	<.03	NSM, wkly blotchy chlc		
BG10-05	363.00	364.50	B47119	1.50	0.480	<1% fg py thds, wk spotty hem banc		
BG10-05	364.50	366.00	B47120	1.50	<.03	NSM, blotchy chl'c, wk spotty hem, <1% qtz as str @35dca p		
BG10-05	366.00	367.50	B47121	1.50	<.03	NSM, mottled hem-ch		
BG10-05	367.50	369.00	B47122	1.50	<.03	trace py, mottled hem-chl, trace dol thd		
BG10-05	369.00	370.50	B47123	1.50	<.03	NSM, dirty CTZ & FP interbanding		
BG10-05	370.50	372.00	B47124	1.50	<.03	NSM, buff band		
BG10-05	372.00	373.50	B47125	1.50	<.03	NSM		
BG10-05	373.50	375.00	B47126	1.50	0.069	trace mg diss py		
BG10-05	375.00	376.50	B47127	1.50	<.03	trace mg diss py		
BG10-05	376.50	378.00	B47128	1.50	<.03	NSM		
BG10-05	378.00	379.50	B47129	1.50	<.03	NSM		
BG10-05	379.50	380.90	B47130	1.40	<.03	NSM, minor vfg py spks		
BG10-05	380.90	381.50	B47131	0.60	<.03	3-4% py on shd qc str'd contact and diss in lower wall roc		
BG10-05	381.50	382.50	B47133	1.00	<.03	trace f-mg py		
BG10-05	382.50	383.47	B47134	0.97	<.03	trace fg disspy		
BG10-05	383.47	384.80	B47135	1.33	<.03	NSM		
BG10-05	384.80	386.00	B47136	1.20	<.03	trace vfg diss py		
BG10-05	386.00	387.20	B47137	1.20	<.03	NSM		
BG10-05	387.20	388.50	B47138	1.30	<.03	NSM, wk leucox		
BG10-05	388.50	390.00	B47139	1.50	<.03	NSM		
BG10-05	390.00	391.50	B47140	1.50	<.03	NSM, 2% white mottled & wkly bx'd qc str/vlt/ 3cr		
BG10-05	391.50	393.00	B47141	1.50	0.137	NSM, 2% qc thds		

Hole_ID	From	To	Sample_#	Length	Au ppm	Description	Au ppm_ck	Au ppm-ck2
BG10-05	393.00	393.50	B47142	0.50	1.303	10-12% cc-qtz vlt shows <0.5% fg py in structure, NSM in wall	1.509	1.097
BG10-05	393.50	394.50	B47143	1.00	0.206	2% py as wk mg py st		
BG10-05	394.50	396.00	B47144	1.50	<.03	NSM, 5% qc thds		
BG10-05	396.00	397.50	B47145	1.50	0.137	NSM, 10-15% white & pink qc thds & strs		
BG10-05	397.50	399.00	B47146	1.50	<.03	NSM, ,5% qc thds		
BG10-05	399.00	400.50	B47147	1.50	0.069	7-10% qc thds		
BG10-05	400.50	402.00	B47148	1.50	<.03	3% qcthds		
BG10-05	402.00	403.50	B47150	1.50	<.03	3% qc thds		
BG10-05	403.50	405.00	B47151	1.50	<.03	6-7% qc thds		
BG10-05	405.00	405.80	B47152	0.80	<.03	<1% qc thds		
BG10-05	405.80	406.50	B47153	0.70	0.343	10% qtz mainly as funny med grey vlt/4cm, NSM		
BG10-05	406.50	408.00	B47154	1.50	0.343	<1% mg diss py		
BG10-05	408.00	409.50	B47155	1.50	0.069	20-25% white & grey qcstrs, mod seric altn patches, trace diss p		
BG10-05	409.50	411.00	B47156	1.50	<.03	7% white bx'd qtz as strs & knotes at low angle, trace few spks vfg p		
BG10-05	411.00	412.50	B47157	1.50	<.03	NSM, 3-5% dol-qtz str at 15dca, wk leuco		
BG10-05	412.50	414.00	B47158	1.50	0.617	1% diss py, 10% dol-qtz strs, wk leucox & spotty seri		
BG10-05	414.00	415.50	B47159	1.50	<.03	NSM, 3-5% dol-qtz strs, wk leucox & spotty seri		
BG10-05	415.50	417.00	B47160	1.50	<.03	NSM, 2-3% qc thds as flats at 130dca		
BG10-05	417.00	418.50	B47161	1.50	<.03	NSM, 5% qc thds		
BG10-05	418.50	420.00	B47163	1.50	0.137	NSM,5% qc thd flats		
BG10-05	420.00	421.00	B47164	1.00	<.03	5% qc thds, tr hem, rare spk fg py		
BG10-05	421.00	422.10	B47165	1.10	<.03	0.5% py mg as wk str thd & minor diss grains, 3% qthds, wk chl banding, blotchy s		
BG10-05	422.10	423.30	B47166	1.20	0.411	NSM, mottled ctz		
BG10-05	423.30	424.40	B47167	1.10	<.03	trace vg py on parting planes, BZ strs, mod. spotty HEM and mod-wk chl bandi		
BG10-05	424.40	425.40	B47168	1.00	0.343	<1% mg py at walls to conjugate white dol-qtz strs a 25 & 155dca, dk chl rims, some BZ bands, wk spotty he banding & chl		
BG10-05	425.40	426.00	B47169	0.60	0.069	2-3% py as mg patches on frac's in mottled hem-chl-ser CT		
BG10-05	426.00	426.60	B47170	0.60	2.983	5-7% f&mg py as str band marginal to 3cm qc bx'd ribbon vlt at 60dca at 426.36m in mottled C	2.949	3.017
BG10-05	426.60	427.60	B47172	1.00	0.137	trace - <0.2% vfg py in green&pink chl-hem mottled CT		
BG10-05	427.60	429.00	B47173	1.40	1.886	1-2% py as wk thds at 60dca in wkly hornfeld chilled diori	1.577	2.194
BG10-05	429.00	430.50	G63951	1.50	<.03	trace py ass'd with 3% wh qc thds & strs		
BG10-05	430.50	432.00	G63952	1.50	0.069	<2% f-cg py haloing qthd at 431.7 @ 35dca; overall 3-4% qc strs& thds; 1" 20% cse py w 1/8" qv@3		
BG10-05	432.00	433.50	G63953	1.50	0.823	<2% mg py thds & clots , trace qc hairs & thds		
BG10-05	433.50	435.00	G63954	1.50	0.137	4% qc thds, minor <1cm shd qtz-tour/chl strs at 433.96 @40dca		
BG10-05	435.00	436.50	G63955	1.50	<.03	NSM, 1-02% qc thds & hairs		
BG10-05	436.50	438.00	G63956	1.50	<.03	NSM, <1% qc hairs		
BG10-05	438.00	439.45	G63957	1.45	0.069	<2% qc thds, chilled magnetic Diorite, trace hem altn bands;		
BG10-05	439.45	441.00	G63958	1.55	0.960	<1% m-fg py, 1-2% qc strs, mottled hem'd CTZ; 3% q-ank vn's to 1"@70 in wy bl		
BG10-05	441.00	442.00	G63959	1.00	0.960	3-4% py as fg str bands internal to ribbon qtz-py-carb vein at 441.62 / 8cm at 50dca; 1"+1/4" 70% cse py vn's 0.1m zone w q-ank@43		
BG10-05	442.00	443.00	G63960	1.00	1.886	2% f-mg diss py & occ thds @50dca sub-ptf in mottled CTZ; 2% cse d p	1.783	1.989
BG10-05	443.00	444.00	G63961	1.00	1.132	3% m-fg diss puy str band in mottled CTZ; 2% cse d p	1.234	1.029
BG10-05	444.00	445.00	G63962	1.00	1.063	1-2% f-cg diss py and bleached mottled CTZ; 2% cse d p	1.097	1.029
BG10-05	445.00	446.00	G63963	1.00	<.03	5% m-cg diss py in pink-brown wkly hem al'n band; 2% cse d p		

Hole_ID	From	To	Sample_#	Length	Au ppm	Description	Au ppm_ck	Au ppm-ck2
BG10-05	446.00	446.70	G63964	0.70	<.03	**10-15% f-mg diss py str bands & on frac's dev'd on both sides of intrusive contact; "cooked"; hily bl'd 3% q-ank; 5% cse d py**		
BG10-05	446.70	447.30	G63965	0.60	0.206	**5-7% fg diss py in matrix of FP; 0.5m w 20% cse d+vn py@63 in mody sil'd, hily bl'd, chlc zon**		
BG10-05	447.30	448.80	G63967	1.50	0.823	***** 10-15% f-mg diss py, in part dev'd on frac's/ parting planes but also diss thro; 5% cse d py freshening downhole**		
BG10-05	448.80	450.30	G63968	1.50	0.686	**"*** 10-+5% f-cg diss py in BP showing well digested Xeno's**		
BG10-05	450.30	451.80	G63969	1.50	0.891	1-2% fg py as occ thds & diss thro in bleached massive Fl		
BG10-05	451.80	453.30	G63970	1.50	0.343	3% vf-fg diss py in chilled, bleached xenolith bearing F		
BG10-05	453.30	455.20	G63971	1.90	0.891	trace vfg diss py		
BG10-05	455.20	455.80	G63972	0.60	0.137	trace fg py on parting planes; sample bridges conta		
BG10-05	455.80	456.00	G63973	0.20	<.03	NSM in bleached seric hybridized country roc		
BG10-06	29.70	30.60	B46345	0.90	<.03	3-7% diss py with 2mm py vn at 29.8m at 85 deg TCA, carb vn with py at 45 deg TCA at 30.2m		
BG10-06	30.60	31.10	B46346	0.50	<.03	5-7% euhedral and subhedral py adjacent to a carb +qtz+ank vn.ing		
BG10-06	34.75	35.40	B46347	0.65	0.411	25% qtz+crb vn'ing with 3-5% py in frac's & in carb vn's at 65 deg TCA		
BG10-06	35.40	36.40	B46348	1.00	<.03	Flt gouge 0 deg TCA with 1-3% diss py in matrix and in frac's		
BG10-06	36.40	37.40	B46349	1.00	0.069	as above		
BG10-06	37.40	38.10	B46350	0.70	<.03	as above		
BG10-06	44.50	45.00	B46351	0.50	0.069	2 cm carb+chl vn with py on margin; overall 1-3% py; 15-20% leuc flecs		
BG10-06	45.00	45.60	B46353	0.60	0.069	weak carb vn with <1% py		
BG10-06	45.60	46.10	B46354	0.50	0.754	45.7 to 45.9m 40% carb vn's with 15-20% py at 70 deg TCA		
BG10-06	46.10	46.90	B46356	0.80	0.480	multiple frac's 1mm wide with carb+chl+py at 80 to 90 deg TCA		
BG10-06	46.90	47.50	B46357	0.60	1.269	46.9 to 47.05m strong frac's; 5-7% py in frac's+ perv carb	1.097	1.440
BG10-06	47.50	48.30	B46358	0.80	0.960	47.65 to 48.1m strong frac'ing with 15-20% white opaque carb vn'ing; two 2 cm wide py vn's with 60% py at deg TCA		
BG10-06	48.30	49.00	B46359	0.70	<.03	1% dis py		
BG10-06	49.00	49.60	B46360	0.60	<.03	two 55 deg TCA qtz+ank vn'ing; <1% py		
BG10-06	49.60	50.90	B46361	1.30	0.206	1-3% py overall in 1mm frac's at variable angles and discontinuous		
BG10-06	50.90	52.00	B46362	1.10	1.097	shear zone; 7-9% diss py with 80% py bands on margins of qtz+carb+ank vn's at 40 and 65 deg TCA; 1d ca +qtz+ank vn'ing; py alos in frac's	1.097	1.097
BG10-06	52.00	53.00	B46363	1.00	0.617	shear zone; 10% carb+ank vn'ing; 3-5% diss py		
BG10-06	53.00	53.50	B46364	0.50	<.03	shear zone; 1-2% py		
BG10-06	53.50	54.50	B46365	1.00	0.069	shear zone; early dk grey qtz+carb in frac's; 10-15% qtz +ank+carb vn'ing		
BG10-06	56.90	57.70	B46366	0.80	<.03	three parallel qtz+ank vn's at 20 deg TCA from 50.9 to 60.1; 1-2% diss py		
BG10-06	62.90	64.20	B46367	1.30	<.03	shear zone; 1-3% fg diss py; ser+chl+carb alt'n		
BG10-06	69.00	70.00	B46368	1.00	0.137	bx zone, 40% calcite+carb; after bx some fg py in frac's with mo? Overall 1-2% py		
BG10-06	72.50	73.00	B46369	0.50	<.03	<1% py overall; Flt at 72.77m with chl+carb		
BG10-06	73.00	73.90	B46370	0.90	<.03	patchy sil alt'n proximal to FP contact; 5% qtz+ank vn'ing		
BG10-06	75.30	76.30	B46371	1.00	1.200	FP+Diorite Bx contact; patchy sil alt'n; 3-5% diss py	1.166	1.234
BG10-06	76.30	77.00	B46372	0.70	<.03	76.74m 4mm py vn at 65 deg TCA; 1-3% dis py; 10% stress frac's with qtz + carb		
BG10-06	77.00	78.50	B46373	1.50	<.03	1-3% dis py; 10% stress frac's with qtz + carb		
BG10-06	78.50	79.10	B46374	0.60	1.406	10-12% py in shear+ ser +chl+carb+fuschite alt'n section from 78.55 to 79.05m at contact	1.234	1.577
BG10-06	79.10	79.60	B46376	0.50	<.03	<5% qtz+carb vnlets; 1% py		

Hole_ID	From	To	Sample_#	Length	Au ppm	Description	Au ppm_ck	Au ppm-ck2
BG10-06	84.20	84.70	B46378	0.50	<.03	1% py		
BG10-06	84.70	85.50	B46379	0.80	1.303	84.7 to 84.8 diorite with 3-5% py in frac's	1.509	1.097
BG10-06	85.50	86.00	B46380	0.50	0.343	shear section with ser+chl+carb+ 1-3% py		
BG10-06	86.00	87.00	B46381	1.00	<.03	3-5% fg py in 1mm frac's at 55 to 70 deg TCA		
BG10-06	87.00	87.70	B46382	0.70	0.137	1-2% py		
BG10-06	87.70	88.50	B46383	0.80	0.960	87.94 to 88m carb+calcite vn with 5-7% py at 45 deg TCA		
BG10-06	88.50	89.40	B46384	0.90	0.069	1-2% diss py and 3-5% spec hem		
BG10-06	**89.40**	**90.00**	**B46385**	**0.60**	**11.417**	**3-5% py in carb frac's and vn's at 35 and 65 deg TCA**	**9.394**	**13.440**
BG10-06	90.00	90.50	B46386	0.50	<.03	late carb vn's with py on margins		
BG10-06	90.50	91.00	B46387	0.50	<.03	as above		
BG10-06	94.40	95.00	B46388	0.60	1.029	94.45 to 94.49m 75% fg py + magnetite in carb vn at 75 deg TCA; mod shearing in FP with qtz+ank	1.029	1.029
BG10-06	108.00	108.50	B46389	0.50	<.03	108.1 to 108.2 m 1-2mm frac's with py; overall 1% py; 5% late white carb vn'ing		
BG10-06	111.80	112.50	B46391	0.70	0.480	112.1 m 3 cm wide carb vn with 60% py at 60 deg TCA; late white calcite+ carb vn at 5 deg TCA		
BG10-06	114.00	114.80	B46392	0.80	<.03	114.38 to 114.62m calcite+carb+qtz vn with large splash of cpy, vn at 10 deg TCA		
BG10-06	121.60	122.10	B46393	0.50	<.03	121.8m 2cm wide qtz+calcite vn with cpy at 30 deg TCA		
BG10-06	127.50	128.00	B46394	0.50	0.274	2-4mm wide qtz vn's+epi margins with 1-3% py at 80 to 85 deg TCA		
BG10-06	128.00	128.60	B46395	0.60	<.03	as above, 1% py		
BG10-06	131.70	132.20	B46396	0.50	<.03	3 cm wide Flt at 132 with epi+calcite+py+cpy at 85 deg TCA		
BG10-06	147.00	147.50	B46397	0.50	<.03	4 cm wide flt at 147.35m with epi+qtz+magnetite at 45 deg TCA, negl py		
BG10-06	148.60	149.10	B46398	0.50	<.03	148.7m discont qtz+calcite vn with cpy		
BG10-06	149.10	149.75	B46400	0.65	<.03	149.5m shear - flt 55 deg TCA		
BG10-06	153.00	154.00	B46401	1.00	0.137	10 cm qtz+chl vn at 153.3 to 153.4m at 50 deg TCA; poor ground for 1/2 of the sample - rubble - with py c slips		
BG10-06	154.00	155.00	B46402	1.00	<.03	1-3% py in qtz vn's <3mm wide		
BG10-06	155.00	155.60	B46403	0.60	0.206	1-3% py in discontinuous frac's with qtz; 10% carb vnlets		
BG10-06	164.00	165.00	B46404	1.00	0.754	3-5% py on epi+carb slips		
BG10-06	171.00	172.50	B46405	1.50	0.549	1-3% py in infrequent discontnuous frac's; 10-15% wormy late white carb vnlets		
BG10-06	172.50	174.00	B46406	1.50	<.03	as above		
BG10-06	174.00	175.20	B46407	1.20	0.069	as above		
BG10-06	*175.20*	*175.80*	*B46408*	0.60	0.823	*Weak MH Zone; 5-7% diss py in frac's and in matrix, weak shear at 30 - 40 deg TCA; strng perv carb alt'n*		
BG10-06	*175.80*	*176.40*	*B46409*	0.60	0.480	*Weak MH Zone; 5-7% diss py in frac's and in matrix, weak shear at 30 - 40 deg TCA; strng perv carb alt'n*		
BG10-06	176.40	177.40	B46410	1.00	<.03	35-40% grey white late carb vn low angle TCA; carb+ser+chl alt'n; 176.4 5 deg TCA Flt		
BG10-06	177.40	178.40	B46411	1.00	0.069	1-2% py diss in matrix; 10% late white carb vnlets		
BG10-06	181.30	182.00	B46413	0.70	0.480	181.44 to 181.6m localized shear with carb+chl+3-8% py at 35 deg TCA		
BG10-06	182.00	183.50	B46415	1.50	0.137	<1% py		
BG10-06	183.50	184.30	B46416	0.80	2.229	184.1 to 184.26m chl+carb vn with 5-8% py; 10-15% qtz+carb vnlets	2.331	2.126
BG10-06	184.30	184.80	B46417	0.50	<.03	<1% py		
BG10-06	*184.80*	*185.50*	*B46418*	0.70	1.303	*weak shear frac'ing with 5-8% diss py fg; strong perv carb*		
BG10-06	185.50	186.00	B46419	0.50	0.137	1% py		

Hole_ID	From	To	Sample_#	Length	Au ppm	Description	Au ppm_ck	Au ppm-ck2
BG10-06	*186.00*	*186.50*	*B46420*	0.50	0.206	*MH Zone ? Weak shear zone at 30 to 45 deg TCA; ser+carb+chl+ 1-2% diss py*		
BG10-06	*186.50*	*187.10*	*B46421*	0.60	0.206	*MH Zone ? Weak shear zone at 30 to 45 deg TCA; ser+carb+chl+ 1-2% diss py; 2 cm wide qtz+chl vn at 30 deg TCA*		
BG10-06	187.10	188.00	B46422	0.90	0.069	<1% py; 10% leuc flecs		
BG10-06	189.00	189.50	B46423	0.50	0.206	189.1m Flt at 10-15 deg TCA with carb+chl		
BG10-06	200.80	201.80	B46424	1.00	0.549	10-15 deg TCA carb+qtz+epi vn's; <1% py		
BG10-06	201.80	202.30	B46425	0.50	0.686	1.5 cm wide carb+qtz+epi vn at 15 deg TCA with 60% fg py		
BG10-06	204.30	204.80	B46427	0.50	0.411	204.6 to 204.62m fault healed with qtz+carb+5-10% fg py + ser + epi at 90 deg TCA		
BG10-06	211.80	212.70	B46428	0.90	0.549	2-3 mm wide vnlets at 75 to 80 deg TCA with py		
BG10-06	216.80	217.40	B46429	0.60	<.03	2mm vn with epi+carb+py at 60 deg TCA		
BG10-06	217.40	218.30	B46430	0.90	0.274	3 to 6mm wide wormy discontinuous penetrative to non-penetrative frac's with strong anhedral to subhedral and magnetite; overall 5-8% py, frac's are predominantly at 10-20 deg TCA		
BG10-06	218.30	218.80	B46431	0.50	0.274	as above		
BG10-06	218.80	219.40	B46432	0.60	0.069	<1% py		
BG10-07	3.90	5.15	B47174	1.25	<.03			
BG10-07	5.15	6.25	B47175	1.10	2.366	mody sil'd to pa gy; 15% cse d+ vn py to 0.1m @36	2.606	2.126
BG10-07	6.25	7.10	B47177	0.85	1.063		1.166	0.960
BG10-07	7.10	8.40	B47178	1.30	<.03			
BG10-07	8.40	9.80	B47179	1.40	0.069	3% chl-sil fract's w 5% f d py@30+55		
BG10-07	9.80	11.25	B47180	1.45	<.03			
BG10-07	11.25	12.25	B47181	1.00	<.03	3% chl-sil fract's w 5% f d py@30+55; 2* 1/2"-3/4" 80% cse py vn's@39		
BG10-07	12.25	13.90	B47182	1.65	<.03			
BG10-07	28.60	29.75	B47183	1.15	0.069	2* 1/8" chl-sil fract's w 70% cse py@55+38		
BG10-07	33.00	34.40	B47184	1.40	<.03			
BG10-07	34.40	35.70	B47185	1.30	<.03	wy sil'd; 8% cse d+vn py to 1/2" 70% @10+@40		
BG10-07	35.70	36.95	B47186	1.25	<.03			
BG10-07	45.20	46.30	B47187	1.10	<.03			
BG10-07			B47188	0.00	<.03	STANDARD		
BG10-07	46.30	47.10	B47189	0.80	<.03	3/4" 80% cse py vn@45; 1/2" bull qv @23		
BG10-07	47.10	48.50	B47190	1.40	<.03			
BG10-07	48.50	49.20	B47191	0.70	<.03			
BG10-07	49.20	50.10	B47192	0.90	<.03	3/4" 80% cse py vn@45		
BG10-07			B47193	0.00	<.03	BLANK		
BG10-07	50.10	51.00	B47194	0.90	0.069			
BG10-07	51.00	52.60	B47195	1.60	<.03	wy sil'd; 1/8" chl-sil fract's w 30% f py @35		
BG10-07	52.60	54.00	B47196	1.40	<.03	mody sil'd		
BG10-07	54.00	54.80	B47197	0.80	<.03	hily sil'd w 5% f d py		
BG10-07	54.80	55.50	B47198	0.70	<.03	dyke		
BG10-07	55.50	57.00	B47199	1.50	<.03	dyke		
BG10-07	57.00	58.15	B47200	1.15	<.03	0.3m 80% q-ank@20; mody sil'd; 3% cse py conc locy in fract's		

Hole_ID	From	To	Sample_#	Length	Au ppm	Description	Au ppm_ck	Au ppm-ck2
BG10-07	58.15	59.50	B47201	1.35	<.03	mody sil'd; 3% cse py conc locy in fract's		
BG10-07	59.50	60.25	B47202	0.75	<.03	mody sil'd; 3% cse py conc locy in fract's; 4* 1/8"-3/4"70% cse py vn's@49		
BG10-07	60.25	61.40	B47203	1.15	<.03	wy sil'd		
BG10-07	67.65	68.60	B47204	0.95	<.03	mody sil'd w 3-5% f d py@36		
BG10-07	68.60	69.40	B47205	0.80	0.891	hily sil'd med gy w 3% f d py; 1" 70% cse py vn@44;		
BG10-07	69.40	70.15	B47207	0.75	<.03	mody-hily sil'd w 5% f d py		
BG10-07	**70.15**	**71.20**	**B47208**	1.05	**8.126**	**10%f+40% cse d py over 0.15m w 20% med gy qv's to 1/2"+ abun ser'n-well min'd-all@37@ct; 0.05r 80% cse py vn@30; shr; 20% q-ank**	**7.543**	**8.709**
BG10-07	71.20	72.40	B47209	1.20	<.03	25% q-ank; 8% cse bleb py		
BG10-07	72.40	73.85	B47210	1.45	<.03	15% q-ank; 4% cse bleb py		
BG10-07	73.85	74.90	B47211	1.05	<.03	10% q-ank; 3% cse bleb py		
BG10-07	74.90	75.65	B47212	0.75	0.274	10% q-ank; 10% cse bleb+ vn py to 1/8"@47		
BG10-07	75.65	76.95	B47213	1.30	<.03			
BG10-07	76.95	77.65	B47214	0.70	<.03	1/8" 50% cse py vn@47		
BG10-07	77.65	78.60	B47215	0.95	0.754	0.2m 20% q-ank+30% cse d py@40; 0.5m q-ank w 20 w 5% cse d py		
BG10-07	78.60	80.10	B47216	1.50	<.03			
BG10-07	80.10	81.40	B47217	1.30	<.03			
BG10-07	81.40	82.10	B47219	0.70	<.03	1/8" 40% cse py vn@30 on ct		
BG10-07	82.10	82.80	B47220	0.70	0.686	0.5m 30% q-ank w 20% cse bleb py		
BG10-07	82.80	84.30	B47221	1.50	0.137	0.2m w 15% f d py in hily sil'd		
BG10-07	84.30	85.15	B47222	0.85	0.754	0.15m hily sil'd w 15% f+15% cse d py-all@47;		
BG10-07	85.15	86.30	B47223	1.15	<.03			
BG10-07	86.30	87.60	B47224	1.30	<.03	shr'd wy		
BG10-07	87.60	88.20	B47225	0.60	<.03	ct		
BG10-07	88.20	89.50	B47226	1.30	<.03			
BG10-07	89.50	90.90	B47227	1.40	0.069	wy sil'd		
BG10-07	90.90	91.95	B47228	1.05	<.03	1" med-dk gy qv@60 w 20% cse+f d py; 15% cse py vn/clots @10 to 1/8"		
BG10-07	91.95	92.95	B47229	1.00	0.069			
BG10-07	92.95	93.50	B47230	0.55	<.03	0.2m BC w at least 1" 90% cse py vn@62 imm prec by flt gouge-1/4"		
BG10-07	93.50	94.85	B47231	1.35	<.03			
BG10-07	94.85	95.90	B47232	1.05	<.03			
BG10-07	95.90	97.00	B47233	1.10	<.03	chl+q-ank 10%@20-30		
BG10-07	97.00	98.10	B47234	1.10	<.03	chl+q-ank 10%@20-30		
BG10-07	98.10	98.75	B47235	0.65	0.137	0.2m 30% 70% cse py vn's 1/4"-1"@55		
BG10-07	98.75	100.15	B47236	1.40	<.03	3% 1/8" 50% cse py vn's@20-30		
BG10-07	100.15	101.45	B47237	1.30	<.03	chl+q-ank 10%@20-30		
BG10-07	101.45	102.65	B47238	1.20	<.03	1/8" chl-sil vn w 5% f d py@47		
BG10-07	102.65	103.90	B47239	1.25	<.03	flt imm foll by 1/4" wt qv imm foll by 0.5m hily sil'd+wt-gy qv w 5-8% f d py locy conc (in gy areas); well min all@12		
BG10-07	103.90	105.00	B47241	1.10	0.069	wy sil'd		

Hole_ID	From	To	Sample_#	Length	Au ppm	Description	Au ppm_ck	Au ppm-ck2
BG10-07	108.95	110.10	B47242	1.15	<.03			
BG10-07	110.10	110.80	B47243	0.70	<.03	0.1m 40% cse+10% f d py@35 imm prec by 0.2m mody sil'd w 5% f d py		
BG10-07	110.80	111.70	B47244	0.90	<.03	10% 1/8"-3/4" 70% cse py vn's@32 in wy hem'd		
BG10-07	111.70	112.55	B47245	0.85	0.137			
BG10-07	112.55	113.70	B47246	1.15	<.03			
BG10-07	113.70	114.90	B47247	1.20	<.03			
BG10-07	114.90	116.30	B47248	1.40	<.03	1/4" 70% cse py vn@30		
BG10-07	116.30	117.60	B47250	1.30	0.069			
BG10-07	117.60	118.60	B47251	1.00	0.137	1/4" 70% cse py vn@30		
BG10-07	118.60	119.50	B47252	0.90	0.343			
BG10-07	119.50	120.85	B47253	1.35	0.206	5% cse d + vn py@56		
BG10-07	120.85	122.40	B47254	1.55	<.03	posy 2 dykes 0.1+0.3m are aph +buff@50		
BG10-07	122.40	123.45	B47255	1.05	0.754	0.15m hily sil'd+ chlc w 20-30% f+10% cse d py assd w 20% q-ank+ qv's-all@37		
BG10-07	123.45	124.35	B47256	0.90	0.343	0.4m hily sil'd+ chlc w 10% f+30% cse d py assd w 20% q-ank+ qv's-all@37		
BG10-07	124.35	125.40	B47257	1.05	0.069			
BG10-07	125.40	126.70	B47258	1.30	0.343	0.2m 30% q-ank+% cse d py@27		
BG10-07	126.70	128.10	B47259	1.40	0.069			
BG10-07	132.00	133.65	B47260	1.65	<.03			
BG10-07	133.65	134.30	B47261	0.65	0.274	0.2m hily sil'd w med gy qv's to 1/2" w 20% cse +10% f d py-well min'd-all@54 on flt		
BG10-07	134.30	135.20	B47262	0.90	<.03			
BG10-07	141.00	142.50	B47263	1.50	0.069	wy sil'd, wy hem'd		
BG10-07	142.50	144.00	B47264	1.50	<.03	wy sil'd, wy hem'd; chl fract's@30		
BG10-07	144.00	145.65	B47265	1.65	<.03	10% ank; olive gn		
BG10-07	145.65	147.00	B47266	1.35	<.03			
BG10-07	147.00	148.25	B47267	1.25	0.960			
BG10-07	148.25	149.50	B47268	1.25	<.03	10% ank; olive gn		
BG10-07	149.50	150.25	B47269	0.75	0.206	well min'd; hily sil'd; hem'd brick red; 20% pa gy qv's over 0.2m w 20% f d py+70% cse py in vn's to 1"-all@5 imm foll by chl flt in BC		
BG10-07	150.25	151.50	B47271	1.25	<.03	hem'd mody; hily sil'd; 2% f d py		
BG10-07	151.50	153.00	B47272	1.50	<.03	hem'd mody; hily sil'd; 2% f d py		
BG10-07	156.70	157.80	B47274	1.10	<.03	dk gn		
BG10-07	157.80	158.50	B47275	0.70	0.411	3/4" 80% cse py vn@47 imm prec by 0.1m hily bl'd w 5% f d py imm foll by 0.3m mody bl'd w 5% f d py+2* 1/4 1/2" q-ank vn's w 10% f d py@47		
BG10-07	158.50	159.50	B47276	1.00	<.03	locy mody hem'd@70		
BG10-07	159.50	160.60	B47277	1.10	<.03			
BG10-07	166.40	167.15	B47278	0.75	0.069	1/4" 60% cse py vn @55		
BG10-07	171.00	172.15	B47279	1.15	0.069	hily bl'd; 1/8" 70% cse py vn@37		
BG10-07	172.15	172.85	B47280	0.70	0.343			
BG10-07	172.85	173.80	B47281	0.95	0.960	0.1m BC; 3/4" blk chl annealed bx@25 is a vn; 0.2m 70% cse py vn's to 1" folded in hem'd brick red hily sil'd ser-all@43		
BG10-07	173.80	174.65	B47283	0.85	<.03	dyke w 1/4" 70% cse py vn @ct+ 20% q-ank;		

Hole_ID	From	To	Sample_#	Length	Au ppm	Description	Au ppm_ck	Au ppm-ck2
BG10-07	174.65	175.60	B47284	0.95	0.069	1/2" 70% cse py vn@43 in 0.2m 10% cse bleb py; 3/4" dk gy chl-sil-ank vn w 8% cse d py@45		
BG10-07	175.60	177.00	B47285	1.40	<.03	20% q-ank		
BG10-07	177.00	178.20	B47286	1.20	0.137	10% q-ank assd w wy sil'd hily bl'd w 1/4" 70% cse py vn@37		
BG10-07	178.20	179.40	B47287	1.20	0.069			
BG10-07	179.40	180.20	B47288	0.80	0.069			
BG10-07	180.20	181.30	B47289	1.10	0.274			
BG10-07	181.30	182.85	B47290	1.55	<.03	1/8" chl-sil vn@40 w 10% f d py		
BG10-07	182.85	184.60	B47306	1.75	<.03	1/8" chl-sil vn@40 w 10% f d py		
BG10-07	184.60	186.00	B47307	1.40	0.549	1/8" chl-sil vn@40 w 10% f d py		
BG10-07	186.00	188.00	B47308	2.00	0.137			
BG10-07	188.00	189.60	B47291	1.60	0.206	0.1m 30% q-ank w 5% cse d py in assd med gy sil		
BG10-07	189.60	190.95	B47292	1.35	0.069	0.05m q-ank-chl vn @43 w 2% f d py		
BG10-07	190.95	192.10	B47294	1.15	0.823	0.5m ser-chl-ank zone w 10-15% f d py in inc'g sil'n+3* 1/4"60% cse py vn's-all@42		
BG10-07	192.10	192.95	B47296	0.85	<.03			
BG10-07	192.95	194.00	B47297	1.05	<.03			
BG10-07	194.00	195.00	B47298	1.00	0.411	0.2m mody sil'd w ser-chl+5% cse+f d py-all@51		
BG10-07	195.00	196.05	B47299	1.05	0.617	0.4m intensely sil'd chl-ser-ank zone w 10-15% f d py+ 2* 1/2" 70% cse py vn's-all@45; wallrock progressive sil'd+ bx'd to almost qtz vn; gy-buff colour		
BG10-07	196.05	197.35	B47300	1.30	0.069			
BG10-07	197.35	198.35	B47301	1.00	0.206			
BG10-07	198.35	198.90	B47302	0.55	0.411	0.1m hily sil'd@54 w 3-4% f d py		
BG10-07	198.90	199.80	B47303	0.90	0.069			
BG10-07	199.80	201.20	B47304	1.40	<.03	15% q-ank		
BG10-07	201.20	202.45	B47305	1.25	0.480	20% q-ank; bu-br bx		
BG10-07	208.40	209.30	B47309	0.90	0.069	1/8" 30% cse py vn@45		
BG10-07	216.00	217.00	B47310	1.00	0.206	0.2m bl'd mody @80 w 20% q-ank+gy sil'n; 1" q-ank vn@47 posy w talc+ w 3% cse d py		
BG10-07	241.75	243.00	B47311	1.25	0.069			
BG10-07	243.00	244.20	B47312	1.20	0.960	3/4" cherty hily sil'd pa gy w 20% cse d py		
BG10-07	**244.20**	**245.05**	**B47313**	0.85	**12.789**	**0.15+0.3m cherty hily sil'd pa gy w 15% cse d py+ 10% dk gy sil'n bands-all@56**	**10.012**	**15.566**
BG10-07	245.05	246.25	B47315	1.20	0.343			
BG10-07	246.25	247.25	B47316	1.00	<.03	sy; locy wy bl'd		
BG10-07	270.70	271.75	B47317	1.05	<.03	wy bl'd locy on fract's@28		
BG10-07	273.60	274.50	B47318	0.90	<.03	wy bl'd; 5% q-ank		
BG10-07	274.50	275.05	B47319	0.55	<.03	wy bl'd; 5% q-ank; flt imm prec by 1" chl-sil-ank (almost myl) w 2% f d py		
BG10-07	275.05	276.00	B47320	0.95	<.03			
BG10-07	282.00	282.95	B47321	0.95	1.783	wy bl'd; 5% q-ank; 2-3% cse d py locy conc @32	1.577	1.989
BG10-07	282.95	283.90	B47322	0.95	<.03	wy bl'd; 5% q-ank		
BG10-07	283.90	285.00	B47323	1.10	0.069	wy bl'd; 5% q-ank		
BG10-07	285.00	286.65	B47324	1.65	0.206	wy bl'd; 5% q-ank		
BG10-07	300.75	301.70	B47325	0.95	<.03	cherty; pur hue; v hily sil; @53; frag's; rare py		

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BG10-07	318.00	319.30	B47327	1.30	0.069	wy bl'd; 5% q-ank@29		
BG10-07	323.75	325.50	B47328	1.75	0.274	wy bl'd; 5% q-ank		
BG10-07	340.15	341.60	B47329	1.45	0.069	wy bl'd; 5% q-ank		
BG10-07	345.00	346.70	B47330	1.70	<.03	wy bl'd; 5% q-ank		
BG10-07	352.95	354.00	B47331	1.05	<.03	wy bl'd; 5% q-ank		
BG10-07	354.00	355.50	B47332	1.50	<.03	wy bl'd; 5% q-ank		
BG10-07	355.50	357.00	B47333	1.50	<.03	wy bl'd; 5% q-ank		
BG10-07	357.00	358.60	B47334	1.60	<.03	locy mody hem'd@52 centred on q-ank vn's		
BG10-07	358.60	360.25	B47335	1.65	<.03			
BG10-07	364.50	366.00	B47336	1.50	0.549			
BG10-07	366.00	367.10	B47337	1.10	0.206	1/4" 50% cse py vn@57; wy bl'd; 5% q-ank		
BG10-07	367.10	368.05	B47338	0.95	0.617	peak alt'n-hily bl'd, wy sil'd w 3/4" med y qv+ ank w 8-15% cse d py@30		
BG10-07	368.05	369.30	B47340	1.25	0.343	chl shr w 20% q-ank; all BC		
BG10-07	369.30	370.70	B47341	1.40	0.069	less shr'd; more chl'c; all BC		
BG10-07	370.70	371.80	B47342	1.10	0.069	fresh		
BG10-07	379.40	380.55	B47357	1.15	0.137	0.1m cal bx w ang wallrock frag's 30%; flt in mody bl'd 1" w rare f py; 0.1m bl'd mody@48		
BG10-07	384.00	385.20	B47343	1.20	<.03			
BG10-07	385.20	385.95	B47344	0.75	0.069	0.1m med gy qv/intense sil'n w 2% f +4% cse d py@50		
BG10-07	385.95	387.00	B47345	1.05	0.069			
BG10-07	387.00	388.20	B47346	1.20	<03			
BG10-07	388.20	389.60	B47347	1.40	0.137	0.05m hily sil'd w 10-12% cse d py@48-not bl'd		
BG10-07	389.60	390.70	B47348	1.10	<.03	wy bl'd; 5% q-ank vn's to 0.05m @54; 3-4% cse d py; ser'd locy		
BG10-07	390.70	391.70	B47349	1.00	0.069			
BG10-07	398.65	399.70	B47351	1.05	<.03			
BG10-07	399.70	400.50	B47352	0.80	0.960	hily bl'd@52 w 0.4m of 60% buff q-ank+2% cse d py		
BG10-07	400.50	402.00	B47353	1.50	<.03	5% pur-dk gy q-spec vn's to 1/2"@10 w 2% f d py		
BG10-07	402.00	403.50	B47354	1.50	0.069	5% pur-dk gy q-spec vn's to 1/2"@10 w 2% f d py		
BG10-07	403.50	405.00	B47355	1.50	0.343	5% pur-dk gy q-spec vn's to 1/2"@10 w 2% f d py		
BG10-07	405.00	406.15	B47356	1.15	0.754	wy bl'd; 5% q-ank		
BG10-07	409.70	410.40	B47358	0.70	<.03	1/2" 30% cse py vn on slip@70		
BG10-07	410.40	411.70	B47359	1.30	0.069	10% leuco		
BG10-07	411.70	413.20	B47360	1.50	0.206	0.1m bl'd mody @75		
BG10-07	413.20	414.00	B47361	0.80	<.03			
BG10-07	414.00	415.15	B47362	1.15	0.069	por is hily sil'd+ wy ser'd; 2% f d py@30		
BG10-07	415.15	415.80	B47363	0.65	0.206	por is hily sil'd+ wy ser'd; 2% f d py; 1/8"-1/4" med y qv w 5% cse d py@37		
BG10-07	415.80	416.65	B47364	0.85	0.411	por is hily sil'd+ wy ser'd; 2% f d py		
BG10-07	416.65	417.60	B47365	0.95	0.069			
BG10-07	417.60	418.50	B47366	0.90	<.03	1/8"-1/2" 50% cse py vn@47		
BG10-07	418.50	419.35	B47367	0.85	0.343	v hily sil'd; ser'd; 10% dk gy qv's/frag's to 3/4"@42 w 2% f d py assd w 5% ser imm foll by flt		
BG10-07	419.35	420.95	B47368	1.60	<.03	fresher		

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BG10-07	420.95	422.30	B47369	1.35	<.03	fresher		
BG10-07	422.30	423.00	B47370	0.70	0.069	fresher; 1/2" sil-chl vn w 50% cse d py@28		
BG10-07	423.00	423.70	B47371	0.70	0.274	fresher		
BG10-07	423.70	424.30	B47372	0.60	0.480	mody sil'd+ bl'd stry w 3% cse d py assd w med gy sil'n@38		
BG10-07	424.30	425.20	B47373	0.90	0.960	peak alt'n in hole; 0.4m v hily sil'd w 0.1m+1" dk y qv's @37 w 20% cse+5% f d py; moly on fract's; hem'd bri red locy		
BG10-07	425.20	425.80	B47375	0.60	0.823	fresher		
BG10-07	425.80	426.65	B47376	0.85	0.343	fresher		
BG10-07	426.65	428.00	B47377	1.35	0.411	fresher		
BG10-07	428.00	429.55	B47378	1.55	<.03	fresher		
BG10-07	429.55	431.20	B47380	1.65	0.549	fresher		
BG10-07	431.20	432.00	B47381	0.80	0.754	0.1m hily sil'd+ bl'd imm prec by 1/4" 10% f d py@49 imm foll by 1/2" wormy med gy qv@30		
BG10-07	432.00	433.50	B47382	1.50	0.960			
BG10-07	433.50	435.00	B47383	1.50	0.137			
BG10-07	435.00	436.40	B47384	1.40	0.343	3% f d py in shr		
BG10-07	436.40	437.95	B47385	1.55	<.03	dk gy; 10% q-ank		
BG10-07	437.95	438.70	B47386	0.75	<.03	15% 1/2" wormy dk gy qv's@5-15 w 10% spec+ 2% cse d py+ rare cp		
BG10-07	438.70	440.10	B47387	1.40	<.03			
BG10-07	440.10	441.40	B47388	1.30	<.03			
BG10-07	441.40	442.25	B47389	0.85	<.03			
BG10-07	442.25	443.55	B47390	1.30	<.03			
BG10-07	443.55	444.35	B47391	0.80	<.03	3/4" q-ank-chl-spec vn@45 w 10% spec+ 10% cse d py		
BG10-07	444.35	445.40	B47392	1.05	<.03			
BG10-07	445.40	446.20	B47393	0.80	0.137	0.7m 20% leuco ending in ser-chl shr-all@34 w 15% cse d py+ w 1" pa gy q-sil vn w 20% cse d py@34		
BG10-07	446.20	447.00	B47394	0.80	0.274			
BG10-07	459.70	460.50	B47395	0.80	<.03	20% sample w 10% leuco+ 1" q-ank w 5% spec+ 2% cse d py		
BG10-07	460.50	461.60	B47396	1.10	<.03			
BG10-07	461.60	462.50	B47397	0.90	<.03			
BG10-07	462.50	464.35	B47398	1.85	0.206			
BG10-07	464.35	465.95	B47399	1.60	<.03			
BG10-07	465.95	467.35	B47400	1.40	<.03	20% sample w 10% leuco@64; 2% cse d py		
BG10-07	467.35	468.80	B47402	1.45	0.686	40% sample w 10% leuco@42; 3% cse d py		
BG10-07	468.80	470.20	B47403	1.40	0.411	30% sample w 10% leuco@42; 3% cse d py		
BG10-07	470.20	471.60	B47404	1.40	0.823	25% sample w 10% leuco@42; 3% cse d py		
BG10-07	471.60	473.25	B47405	1.65	0.411			
BG10-07	473.25	474.40	B47406	1.15	0.069	60% sample w 10% leuco@42; 3% cse d py; 2* 1/8"+1/4" 80% cse py vn's@56		
BG10-07	474.40	475.30	B47408	0.90	<.03			
BG10-07	475.30	476.45	B47409	1.15	<.03	20% sample w 10% leuco@65; 6% cse d py locy conc;		
BG10-07	476.45	477.30	B47410	0.85	0.686	0.15m w 10% leuco@38 w 10-15% cse d py		
BG10-07	477.30	478.90	B47411	1.60	0.069			

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BG10-07	478.90	480.00	B47412	1.10	0.069	0.15m w 10% leuco@66 w 8% cse d py+ 5% spec		
BG10-07	480.00	481.40	B47413	1.40	<.03	2% f d py		
BG10-07	481.40	482.50	B47414	1.10	0.137	4% f d py		
BG10-07	482.50	483.15	B47415	0.65	0.274	1/8"-1/4" 50% cse py vn@63		
BG10-07	483.15	484.50	B47416	1.35	0.891	3% f d py; por		
BG10-07	492.30	493.50	B47417	1.20	0.069	0.1m 60% epi w 1" q-ank vn w 5% cp+5% spec @45		
BG10-07	493.50	494.25	B47418	0.75	0.411	0.1m pa y qv+ q-ank w 2% f d py imm prec by 0.1m hily sil'd w 4% f d py@70		
BG10-07	494.25	495.00	B47419	0.75	<.03			
BG10-07	496.70	497.50	B47420	0.80	<.03	10% 1/2"-1"med gy vn's q-ank @47		
BG10-07	514.35	515.25	B47421	0.90	<.03	10% leuco assd w 1/4" q-ank vn@63		
BG10-07	522.00	523.05	B47422	1.05	<.03	0.15m 20% leuco w 3% cse d py+ 1" q-ank-spec vn@36		
BG10-08	32.50	33.00	B46433	0.50	0.206	Flt at 32.78 to 32.84m at 20 deg T CA with carb+chl+qtz+bx; 1-2% py		
BG10-08	36.90	37.70	B46434	0.80	0.206	37.52 to 37,7m 50% qtz+ank+carb+chl+ser at 65 to 75 deg TCA; 1% py		
BG10-08	42.00	42.90	B46435	0.90	<.03	3-5% py in clots & frac's		
BG10-08	42.90	43.50	B46436	0.60	<.03	3-5% py in clots & frac's; 43m 1 cm flt at 65 deg TCA with carb+ chl		
BG10-08	43.50	45.00	B46437	1.50	<.03	1-3% py		
BG10-08	45.00	45.70	B46438	0.70	0.891	45.16 to 45.2 flr with carb+ py + chl at 65 deg TCA; overall 1-3% py		
BG10-08	45.70	46.40	B46440	0.70	1.406	45.94 to 46 carb vn with 3-5% py at 55 deg TCA; overall 1-2% py	1.303	1.509
BG10-08	46.40	47.00	B46441	0.60	0.549	46.58 to 46.7m flt with 80% py in 1.8cm wide vn's t 50 deg TCA with good alt'n halo		
BG10-08	47.00	47.90	B46442	0.90	<.03	3-5% diss py in clots & frac's		
BG10-08	47.90	49.10	B46443	1.20	<.03	2cm wide carb vn with minor py at 20 deg TCA at 48m; 1-2% diss py in clots & frac's		
BG10-08	49.10	50.00	B46444	0.90	<.03	1 cm vn py at 49.2m and at 49.4m flt at 35 deg TCA		
BG10-08	50.00	51.40	B46445	1.40	<.03	3-5% py in sometime large clots & frac's		
BG10-08	51.40	52.10	B46446	0.70	<.03	increase in frac'ing with chl+carb; 3-5% py		
BG10-08	**52.10**	**53.00**	**B46447**	0.90	0.343	**start of Shear + Py Zone from 52 to 68.7m; strong fuchsite alt'n with discontinuous qtz+ank vn'ing+ carb; strong sil alt'n; 25% py in carb vn'ing; overall 7-10% py**		
BG10-08	**53.00**	**54.00**	**B46449**	1.00	**<.03**	**3-5% diss py in frac's & blebs and in matrix**		
BG10-08	**54.00**	**55.10**	**B46450**	1.10	**0.137**	**3-5% diss py in frac's & blebs and in matrix**		
BG10-08	**55.10**	**55.90**	**B46467**	0.80	**0.891**	**0 deg TCA flt from 55.1 to 55.6m; 80% perv carb+ank alt'n; 8-10% py in carb vn's proximal to low angl flt**		
BG10-08	**55.90**	**56.40**	**B46451**	0.50	**0.891**	**15-20% diss py in frac's / slips; 80% qtz+carb+ank**		
BG10-08	**56.40**	**57.40**	**B46452**	1.00	**0.274**	**60% py in vn at 56.8m; overall 3-5% py; strong qtz+ank+carb+chl**		
BG10-08	**57.40**	**58.00**	**B46453**	0.60	**<.03**	**chl+ser; 1-3% diss py**		
BG10-08	**58.00**	**59.20**	**B46454**	1.20	**0.137**	**broken core; mud gouge Flt; 1-3% py**		
BG10-08	**59.20**	**60.00**	**B46455**	**0.80**	**4.320**	**5-7% diss py along shear slips; 80% carb+qtz+chl; shear at 10-15deg TCA**	**4.183**	**4.457**
BG10-08	**60.00**	**60.70**	**B46457**	**0.70**	**4.492**	**8-12% diss py along shear slips; 80% carb+qtz+chl; shear at 5-15 deg TCA**	**5.349**	**3.634**
BG10-08	**60.70**	**62.00**	**B46458**	1.30	**0.274**	**3-5% diss fg py in frac's and shear slips; perv chl+carb+sil alt'n**		
BG10-08	**62.00**	**62.50**	**B46459**	**0.50**	**3.395**	**62.2m 1.5 cm py+carb vn - Flt; overall 3-5% py**	**2.400**	**4.389**
BG10-08	**62.50**	**63.60**	**B46460**	**1.10**	**0.891**	**1-3% py; perv chl+carb**		
BG10-08	**63.60**	**65.00**	**B46461**	1.40	**0.206**	**3-5% diss py; chl + carb altn'**		

Hole_ID	From	To	Sample_#	Length	Au ppm	Description	Au ppm_ck	Au ppm-ck2
BG10-08	**65.00**	**65.80**	**B46462**	**0.80**	**1.680**	**8-10% diss py in slips; strong carb+chl alt'n; shear slips at 45 to 65 deg TCA**	**1.851**	**1.509**
BG10-08	**65.80**	**66.70**	**B46463**	**0.90**	**1.817**	**5-7% diss py; strong carb+sil+chl alt'n**	**1.851**	**1.783**
BG10-08	**66.70**	**67.60**	**B46464**	**0.90**	**0.686**	**67.3m 3 cm carb vn with 50% py at 20 deg TCA; strong chl+sil+ank+carb alt'n with fuchsite flecs**		
BG10-08	**67.60**	**68.60**	**B46466**	1.00	**0.137**	**5-7% py in vn's along core axis; shearing along core axis; strong perv carb+chl+ank; shear ends sharp at 68.6m**		
BG10-08	68.60	69.60	B46468	1.00	0.069	5-7% diss py mostly between 69.3 to 69.5m; moderate qtz+carb vn'ing		
BG10-08	69.60	70.70	B46469	1.10	0.480	1-2% diss py; 5-10% leuc flecs		
BG10-08	70.70	71.60	B46470	0.90	0.891	8-10% py in frac's; unit magnetic; 5-10% leuc flecs; 10% late qtz+carb vn'ing		
BG10-08	71.60	72.50	B46471	0.90	0.686	two 1 cm subparallel carb vn's with 50% py t 45 deg TCA; 3-5% py overall		
BG10-08	72.50	73.40	B46472	0.90	1.303	5-7% py overall with two to three frac's with py at 50 deg TCA; wk oxy'd hem alt'n	1.303	1.303
BG10-08	73.40	74.30	B46473	0.90	0.960	5-7% diss py in matrix and in infrequent frac's		
BG10-08	74.30	75.30	B46475	1.00	0.343	one frac with py; overall 1-2% py		
BG10-08	75.30	76.20	B46476	0.90	0.617	five 0.5 to 1.2 cm wide carb vn's with strong py; overall 5-7% py; weak perv oxy'd hem alt'n; 10-15% leuc flecs		
BG10-08	76.20	76.90	B46478	0.70	<.03	8-10% hem mineralization in frac's; ft at 76.6m with carb+qtz+hem + minor py		
BG10-08	76.90	77.80	B46479	0.90	<.03	5-8% hem in frac's; 1-2% diss py		
BG10-08	77.80	78.70	B46480	0.90	0.137	1-3% py; one frac with py		
BG10-08	81.00	81.70	B46481	0.70	0.206	pink calcite vn + carb + 5% diss py; 10-12% hem		
BG10-08	87.00	88.00	B46482	1.00	0.206	5-7% py in matrix + 2-3mm frac's; magnetite vnlet; 10-15% leuc flecs		
BG10-08	88.00	88.70	B46483	0.70	0.069	5 deg TCA slip with carb vn'ing +py; overall 1-3% py; 1% leuc flecs		
BG10-08	88.70	89.50	B46484	0.80	0.206	three subparallel vn's with 5 to 25% py at 40 to 55deg TCA; overall 5-7% py; 10-15% leuc flecs		
BG10-08	89.50	90.30	B46485	0.80	0.137	two py vn's approx 0.5 cm wide; 10% leuc flecs; vn py at FP contact; overall 3-5% py		
BG10-08	90.30	91.50	B46486	1.20	<.03	1-2% py; narrow vn py at 90.6m		
BG10-08	98.00	98.90	B46487	0.90	<.03	FP - <1% py		
BG10-08	98.90	99.50	B46488	0.60	0.411	Diorite - 3-5% py in frac's, non-magnetic; perv carb; py in 2mm frac's; 10-15% leuc flecs; alt'n ends sharply 99.5m		
BG10-08	99.50	100.00	B46489	0.50	<.03	<1% py		
BG10-08	101.00	102.00	B46491	1.00	0.137	two frac- vn py approx 1-3mm wide; overall 1% py		
BG10-08	103.50	104.50	B46492	1.00	<.03	approx 2mm to 3mm wide two late pink-white calcite vn's with cpy		
BG10-08	108.00	108.50	B46493	0.50	<.03	108.2 to 108.33m 11 cm wide qtz+chl+carb+leuc flecs+py at 70 deg TCA probably localized flt-shear slips		
BG10-08	114.20	115.00	B46494	0.80	<.03	<1%py; 5-7% hem; 10-15% leuc flecs; flt at 1qtz+ank+chl vn'ing from 114.2 to 114.7514.33; 15%		
BG10-08	115.00	116.30	B46495	1.30	<.03	<1% py; 3-5% hem; 10% leuc flecs		
BG10-08	131.00	132.50	B52069	1.50	<.03	infill sample		
BG10-08	132.50	133.50	B46496	1.00	0.069	132.95 to 133.4m 3-5% fg py with magnetite in frac's; 10% carb vnlets		
BG10-08	133.50	134.20	B46497	0.70	<.03	<1% py		
BG10-08	134.20	134.90	B46498	0.70	<.03	<1% py		
BG10-08	*134.90*	*135.80*	*B46499*	0.90	0.069	*start of Weak Fractured Zone 134.9 to 142.5m; wk oxy'd hem + perv sil with 15% leuc flecs; 5-7% py in matrix and along wk frac's-slips at 80 to 90 deg TCA*		
BG10-08	*135.80*	*136.60*	*B46500*	0.80	0.069	*unaltered, non-frac'd section; <1% py*		
BG10-08	*136.60*	*137.60*	*B46501*	1.00	1.337	*overall 5-7% py in multiple white qtz vnlets at 55 to 85 deg TCA; possible Flt at 136.6m*	1.371	1.303

Hole_ID	From	To	Sample_#	Length	Au ppm	Description	Au ppm_ck	Au ppm-ck2
BG10-08	*137.60*	*138.50*	*B46502*	0.90	1.749	*10-15% py in multiple white qtz vn's with oxy'd hem and leuc halos at 45 to 85 deg TCA*	1.714	1.783
BG10-08	138.50	139.50	B46504	1.00	1.509	*7-9% py; as with 137.6 to 138.5m but less vn'ing*	1.371	1.646
BG10-08	139.50	140.40	B46505	0.90	0.549	*139.6m <1cm qtz+carb vn at 40 deg TCA with py; overall 3-5% py infrequent frac's*		
BG10-08	140.40	141.30	B46506	0.90	<.03	*3-5% py in frac's*		
BG10-08	141.30	141.90	B46508	0.60	<.03	*1-3% py in 1to 2mm frac's*		
BG10-08	141.90	142.50	B46509	0.60	0.480	*7-9% diss py in frac's and within matrix; 15-25% qtz+carb vn'ing; 142.1 to 142.15m carb vn at 90 deg TCA with 35% py; 20% leuc flecs; end of weak fractured zone*		
BG10-08	142.50	144.00	B46510	1.50	<.03	15-20% late white carb vn'ing; <1% py		
BG10-08	144.00	144.80	B46511	0.80	<.03	as above; <1% py		
BG10-08	**144.80**	**145.50**	**B46512**	0.70	2.640	**MH Zone 144.9 to 147.6m, strong Flt at 144.9 to 145m with bx at 45 deg TCA; 15-20% fg to mg diss py in frac's and in matrix, strong sil+25% grey-white qtz vn'lets**	2.674	2.606
BG10-08	**145.50**	**146.40**	**B46514**	0.90	2.949	**10-15% py in vn's and frac's with strong sil alt'n; as with 144.8 to 145.5 but with two 10cm wide weal alt'n sections with 1-3% py and leuc flecs**	3.086	2.811
BG10-08	**146.40**	**146.90**	**B46515**	0.50	4.286	**7-10% py in weaker sil alt'd zone; 15-20% leuc flecs**	4.046	4.526
BG10-08	**146.90**	**147.70**	**B46516**	0.80	3.669	**10-12% py in strong sil alt'n; end of zone at 147.6m**	3.634	3.703
BG10-08	147.70	149.00	B46517	1.30	<.03	1-3% diss fg py in matrix		
BG10-08	149.00	150.50	B52070	1.50	0.274			
BG10-08	150.50	152.00	B52071	1.50	<.03			
BG10-08	152.00	152.50	B52072	0.50	<.03			
BG10-08	152.50	153.50	B46518	1.00	0.069	3mm to 5mm wide grey qtz vnlets at 0 and 45 deg TCA with cpy occurences + minor hem		
BG10-08	153.50	155.00	B52073	1.50	<.03			
BG10-08	155.00	156.10	B52074	1.10	<.03			
BG10-08	156.10	157.30	B46519	1.20	0.069	occasional f.g py in carb vn's with epi + chl + magnetite at 156.1, 156.75 to 156.85m; at 156.9 to 157.3m 0.˙ cm wide qtz+calcite +epi vn at 5 deg TCA with splashes of cpy		
BG10-08	157.30	158.50	B52075	1.20	<.03			
BG10-08	158.50	159.20	B52076	0.70	<.03			
BG10-08	159.20	160.20	B46520	1.00	0.411	159.7 to 160.2 local brittle shearing with leuc flecs + epi carb + 3-5% fg py; weak zone		
BG10-08	160.20	161.00	B52077	0.80	<.03			
BG10-08	161.00	161.90	B46521	0.90	<.03	90% late calcite+qtz + bx; negl mineralization		
BG10-08	161.90	162.70	B46522	0.80	0.206	flt at 162m; 1-3% py in frac's beyond flt		
BG10-08	162.70	164.00	B53018	1.30	<.03	infill sampling		
BG10-08	164.00	164.70	B53019	0.70	<.03	infill sampling		
BG10-08	164.70	165.70	B46523	1.00	<.03	approx 25% of 0 to 5 deg TCA late bull-white qtz + calcite vn'ing with massive blebs of cpy		
BG10-08	165.70	167.00	B53020	1.30	<.03	infill sampling		
BG10-08	167.00	168.50	B53021	1.50	0.137	infill sampling		
BG10-08	168.50	169.20	B53022	0.70	<.03	infill sampling		
BG10-08	169.20	170.20	B53023	1.00	<.03	infill sampling		
BG10-08	170.20	170.70	B46524	0.50	0.206	weak shear with perv epi alt'n + 15% white qtz + carb in frac's; 1-3% py in frac's		
BG10-08	170.70	171.20	B52078	0.50	<.03	as above but less py		
BG10-08	171.20	173.00	B52079	1.80	<.03			
BG10-08	173.00	174.20	B52080	1.20	<.03			

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BG10-08	174.20	175.70	B52081	1.50	<.03			
BG10-08	170.70	171.20	B46525	0.50	<.03	as above but less py		
BG10-08	175.50	176.20	B46526	0.70	2.880	7-10% fg py in local shear slips from 175.9 to 176.2m with epi + carb alt'n	2.331	3.429
BG10-08	176.20	177.70	B52082	1.50	<.03			
BG10-08	177.70	179.00	B52083	1.30	<.03			
BG10-08	179.00	180.50	B52084	1.50	<.03			
BG10-08	180.50	182.00	B52085	1.50	0.069			
BG10-08	182.00	182.50	B52086	0.50	<.03			
BG10-08	182.50	183.10	B46528	0.60	0.069	20% qtz+calcite vn'ing with frac's on margins + py+epi; overall 1-3% py		
BG10-08	183.10	184.60	B52087	1.50	<.03			
BG10-08	184.60	186.10	B52088	1.50	<.03			
BG10-08	186.10	187.60	B52089	1.50	<.03			
BG10-08	187.60	189.10	B52090	1.50	<.03			
BG10-08	189.10	190.60	B52091	1.50	0.137			
BG10-08	190.60	191.30	B52092	0.70	<.03			
BG10-08	191.30	192.30	B46529	1.00	0.754	3-5% fg py in slips within a weak shear with chl+leuc+perv carb at 20 to 75 deg TCA		
BG10-08	192.30	193.30	B46530	1.00	0.823	as above		
BG10-08	193.30	194.40	B46531	1.10	2.297	as above	2.400	2.194
BG10-08	194.40	196.00	B52093	1.60	<.03			
BG10-08	196.00	196.60	B52094	0.60	<.03			
BG10-08	196.60	197.80	B46532	1.20	0.069	1-3% py overall in local shears <3cm wide + chl+ carb		
BG10-08	197.80	198.50	B46533	0.70	1.852	5-7% diss py in matrix and in frac's in weak shear + sil + epi + 2cm wide caeb +qtz vn with py on margin; strong py + magnetite at flt at 199.3 to 199.4m	1.920	1.783
BG10-08	198.50	199.40	B46535	0.90	5.280	as with 197.8 to 198.5m	5.280	5.280
BG10-08	199.40	200.30	B52095	0.90	<.03			
BG10-08	200.30	201.10	B46536	0.80	<.03	1 cm carb + py vn at 201m at 45 deg TCA		
BG10-08	201.10	202.60	B52096	1.50	0.069			
BG10-08	202.60	203.90	B52097	1.30	<.03			
BG10-08	203.90	204.80	B46537	0.90	0.069	204.55m a 3.5cm 90% py vn with carb at 80 deg TCA and another py frac at 203.92m		
BG10-08	204.80	206.00	B52098	1.20	<.03			
BG10-08	206.00	207.50	B52099	1.50	<.03			
BG10-08	207.50	208.10	B52100	0.60	<.03			
BG10-08	208.10	209.00	B46538	0.90	5.931	5-8% py in slips-frac's at 80 deg TCA at 208.3 to 208.5 and 208.75 to 208.9m, with qtz + sil + epi + leuc flecs + 1 cm magnetite band	5.691	6.171
BG10-08	209.00	209.80	B46539	0.80	4.577	weak carb vn'ing at 75 to 85 deg TCA with epi+leuc flecs + 1% py	6.034	5.006
BG10-08	209.80	211.00	B52101	1.20	<.03			
BG10-08	211.00	211.50	B46540	0.50	0.617	1-3% fg py in narrow slips with epi+carb		
BG10-08	211.50	212.20	B52102	0.70	<.03			
BG10-08	212.20	213.00	B52103	0.80	<.03			
BG10-08	213.00	213.80	B46541	0.80	<.03	four py vn's with carb + epi +leuc halos; 3-5% py overall		

Hole_ID	From	To	Sample_#	Length	Au ppm	Description	Au ppm_ck	Au ppm-ck2
BG10-08	213.80	214.60	B52104	0.80	<.03			
BG10-08	214.80	215.40	B46542	0.60	0.069	3-5% py in carb+epi vn's		
BG10-08	216.40	217.00	B46543	0.60	<.03	flt at 216.4 to 217 with 1-5% py + minor cpy with qtz+calcite+epi+magnetite at 15 deg TCA		
BG10-08	217.00	218.60	B53024	1.60	<.03	infill sample		
BG10-08	218.60	219.40	B46544	0.80	0.069	at 219 m a 2mm frac with py + epi halo at 45 deg TCA		
BG10-08	219.40	220.00	B53025	0.60	4.526	infill sample	4.389	4.663
BG10-08	220.00	221.50	B53026	1.50	<.03	infill sample		
BG10-08	221.50	223.00	B53027	1.50	0.069	infill sample		
BG10-08	223.00	224.00	B53028	1.00	0.206	infill sample		
BG10-08	224.00	225.50	B53029	1.50	<.03	infill sample		
BG10-08	225.50	227.00	B53030	1.50	<.03	infill sample		
BG10-08	227.00	228.00	B53031	1.00	<.03	infill sample		
BG10-08	228.00	229.00	B53032	1.00	<.03	infill sample		
BG10-08	229.00	230.50	B53033	1.50	<.03	infill sample		
BG10-08	230.50	232.00	B53034	1.50	<.03	infill sample		
BG10-08	232.00	233.50	B53035	1.50	<.03	infill sample		
BG10-08	233.50	234.50	B53036	1.00	<.03	infill sample		
BG10-08	234.50	236.00	B53037	1.50	<.03	infill sample		
BG10-08	236.00	237.50	B53038	1.50	<.03	infill sample		
BG10-08	237.50	238.80	B53039	1.30	<.03	infill sample		
BG10-08	**238.80**	**239.60**	**B46545**	**0.80**	**9.686**	**2mm frac at 45 deg TCA with py; 5cm wide qtz+calcite+chl vn**	**12.206**	**10.629**
BG10-08	239.60	240.55	B54905	0.95	0.206			
BG10-08	240.55	241.90	B54906	1.35	<.03		**12.206**	**10.629**
BG10-09	8.00	8.60	B46756	0.60	0.137	10-15% late grey white-pink qtz+carb vn'ing		
BG10-09	**8.60**	**9.30**	**B46758**	**0.70**	**7.372**	**5-7% fg diss py between 8.9 m to 9.1m with leuc flecs + sil+ qtz vn'ing as halo around 2.5 cm wide qtz+calcite vn - possible localized fault-shear at 25 deg TCA**	**7.200**	**7.543**
BG10-09	9.30	10.10	B46759	0.80	2.812	9.5 to 9.6m flt with qtz+carb at 50 deg TCA; <1% py	3.086	2.537
BG10-09	10.10	11.50	B46760	1.40	0.069	start of weak alt'n & frac zone 10-15% leuc flecs and 10-15% qtz+dol+carb vnlets; <1% fg py		
BG10-09	11.50	12.00	B46761	0.50	<.03	as above possible flt- slip at 11.78m at 55 deg TCA		
BG10-09	12.00	12.90	B46762	0.90	<.03	as above		
BG10-09	**12.90**	**13.40**	**B46763**	0.50	**1.749**	**MH Zone?, at 13 to 14.5m, 15-20% leuc flecs + 10-12% diss fg and mg py mostly in py + qtz+carb vn's 10 cm wide at 13.1m, 2 cm wide at 13.6, 2cm at 14m and 1cm wide at 14.1m generally trending at 20 de TCA; leuc flecs are observed from 10.1m to 14.5m**	1.714	1.783
BG10-09	**13.40**	**13.90**	**B46765**	0.50	**0.823**	**as with 12.9 to 13.4m**		
BG10-09	**13.90**	**14.50**	**B46766**	0.60	**1.235**	**as with 12.9 to 13.4m; after 14.2m multiple 1mm wide frac's at 20 deg TCA with qtz carb + py**	1.166	1.303
BG10-09	14.50	15.40	B46767	0.90	<.03	at 14.9m 0.75 cm carb+chl +py vn at 20 deg TCA; overall <1% py		
BG10-09	15.40	16.40	B46768	1.00	<.03	<1% py		
BG10-09	27.80	28.50	B46769	0.70	<.03	28.1 to 28.13m flt with qtz+ carb vn; <1% py		
BG10-09	31.20	31.80	B46770	0.60	<.03	negl py		
BG10-09	31.80	32.30	B46772	0.50	0.960	32m 2.5 cm wide qtz+carb vn at 25 deg TCA with leuc flec + 1-3% diss py halo		
BG10-09	32.30	33.20	B46773	0.90	<.03	FP dykelet occurences, <1% py		

Hole_ID	From	To	Sample_#	Length	Au ppm	Description	Au ppm_ck	Au ppm-ck2
BG10-09	33.20	34.10	B46774	0.90	<.03	at 33.3m start of flt- shear with py at 33.28 to 33.35m; <1% py remainder of sample + network qtz+carb vn'ing brittle frac's; end of shear at 34.1m		
BG10-09	47.80	48.80	B46775	1.00	1.611	moderate low angle frac's with 5-7% py + carb+chl	1.851	1.371
BG10-09	55.00	55.70	B46776	0.70	<.03	1-2% fg py at and near Diorite Bx to Diorite contact + flt		
BG10-09	57.90	58.80	B46777	0.90	<.03	shear + leuc+chl+carb at 20 deg TCA; negl py		
BG10-09	58.80	59.90	B46778	1.10	<.03	couple of narrow py stringers; <1% py		
BG10-09	63.50	64.10	B46779	0.60	2.229	frac zone with grey-white carb+qtz+ 5-7% fg anhedral py in vn'ing generally between 63.8 to 64m	1.920	2.537
BG10-09	64.10	64.80	B46781	0.70	<.03	1% py in one 1 cm wide carb vn with fg py		
BG10-09	66.90	67.60	B46782	0.70	<.03	flt with gouge at 10 deg TCA; weak shear slips with carb + py at 20 deg TCA; overall 1-3% py		
BG10-09	67.80	68.80	B46783	1.00	<.03	5% fg leuc flecs; carb + chl+ qtz vn at 68.6m with mg py; overall 1% py		
BG10-09	68.80	69.90	B46784	1.10	<.03	1-3% py in frac-vn's; perv sil alt'n+ spotty chl + minor ser		
BG10-09	69.90	71.10	B46785	1.20	<.03	70.2 to 71m 0 deg TCA flt with gouge; increase in carb+qtz vn'ing near Diorite-FP contact		
BG10-09	72.40	73.00	B46786	0.60	<.03	72.8m 1 cm vn with 1-3% py near FP-Diorite BX contact		
BG10-09	74.70	75.50	B46787	0.80	<.03	74.8m 1 cm wide dk qtz with py filled frac's on margin at 45 deg TCA		
BG10-09	75.50	76.00	B46788	0.50	<.03	75.75m 1.5 cm wide qtz vn with 1-2% py at 50 deg TCA		
BG10-09	77.60	78.30	B46789	0.70	0.206	two carb + qtz vn's at 45 to 30 deg TCA with minor py		
BG10-09	78.30	79.00	B46790	0.70	<.03	1% py in discontinuous narrow vnlets		
BG10-09	79.00	79.80	B46791	0.80	<.03	79.5m 0.5 cm vn with py + carb; overall 1-3% py		
BG10-10	5.90	6.60	B46792	0.70	<.03	6 m 4 cm wide carb+calcite vv at 35 deg TCA with fg py; 5% fine leuc flecs		
BG10-10	6.60	7.80	B46793	1.20	0.069	1% diss py with 20% frac's + carb vn'ing at 75 to 85 deg TCA		
BG10-10	7.80	8.70	B46794	0.90	0.137	as above		
BG10-10	8.70	9.30	B53040		<.03	infill sample		
BG10-10	9.30	9.80	B46795	0.50	0.754	three 2mm wide subparallel carb frac's-vn's with py on margins at 20 deg TCA		
BG10-10	9.80	10.40	B46796	0.60	0.480	sparse carb frac's vns at 20 to 45 deg TCA with py on margins and within vn		
BG10-10	10.40	11.40	B53041		<.03	infill sample		
BG10-10	11.40	11.90	B46798	0.50	0.069	<1% py		
BG10-10	11.90	12.50	B46799	0.60	1.269	12 to 12.3m carb vn's at 45 deg TCA and 1 cm wide with overall 8-10% fg py	1.303	1.234
BG10-10	12.50	13.70	B46801	1.20	<.03	1-2% py in sparse weak frac's		
BG10-10	13.70	14.50	B46802	0.80	1.269	1-3% diss py near Diorite-FP contact and Flt at 10 and 20 deg TCA	1.371	1.166
BG10-10	14.50	15.00	B46803	0.50	2.331	5-10% dk grey qtz vn'ing with 1% fg diss py, network configuration	2.331	2.331
BG10-10	15.00	15.60	B46804	0.60	1.715	10-20% dk grey qtz vn'ing with 1% fg py at generally 45 deg TCA	1.783	1.646
BG10-10	15.60	16.30	B46805	0.70	1.989	a 2.5 cm dk grey qtz vn at 10 deg TCA from 15.78 to 16m with 1% fg diss py	1.920	2.057

Hole_ID	From	To	Sample_#	Length	Au ppm	Description	Au ppm_ck	Au ppm-ck2
BG10-10	16.30	17.00	B46806	0.70	1.372	one 1.5 cm irregular dk qtz vn with 2% diss py + rare frac's with py	1.509	1.234
BG10-10	17.00	18.40	B53042	1.40	<.03			
BG10-10	18.40	19.10	B46807	0.70	4.012	3-5% diss py and vn py; 18.6 to 18.9m frac-vn at 20 deg TCA 0.25cm wide with 50% py	4.457	3.566
BG10-10	19.10	20.10	B46808	1.00	0.274	0.5 to 1cm carb vn's with py at 19.8m at 20 and 40 deg TCA; overall 1-2% py		
BG10-10	20.10	20.80	B46809	0.70	0.069	<1% py		
BG10-10	**20.80**	**21.60**	**B46810**	0.80	**4.423**	**overall 3-5% py; at 20.9m 3mm py vn- 80% py at 45 deg TCA; 21 to 21.5m perv oxy'd hem with leuc flecs; py in frac's; some carb vn'ing**	**4.183**	**4.663**
BG10-10	21.60	22.60	B46812	1.00	0.960	three py + carb+qtz vns 2-6mm wide at 30 to 45 deg TCA		
BG10-10	22.60	23.50	B46813	0.90	0.891	moderate 2 to 3mm frac'ing with py+carb; overall 5-7% py; frac's at 0 and 75 deg TCA		
BG10-10	**23.50**	**24.00**	**B46814**	**0.50**	**3.223**	**8-10% diss py; start of MH Zone from 23.5 to 31.1m; weak to mod sil + chl+ leuc flecs and variable py in frac's-vn's and in matrix; frac'd zone predom 35 to 55 deg TCA; variable dk qtz with mo**		
BG10-10	**24.00**	**24.80**	**B46816**	**0.80**	**12.480**	**8-10% py; flt at 24 to 24.3 at 10 deg TCA; 25% dk grey qtz with mo + diss py**	**13.234**	**11.726**
BG10-10	**24.80**	**25.70**	**B46817**	**0.90**	**16.115**	**75% dk grey qtz with mo + 5-8% diss py and in frac's**	**17.212**	**15.017**
BG10-10	**25.70**	**26.50**	**B46818**	**0.80**	**5.315**	**10-12% diss py in frac's and in matrix, f.g to m.g. Euhedral + subhedral**	**5.280**	**5.349**
BG10-10	26.50	27.00	B46819	0.50	2.880	**3-5% py in weaker frac'ing**	3.154	2.606
BG10-10	27.00	27.70	B46820	0.70	0.823	**1-3% py in weaker frac'ing**		
BG10-10	27.70	28.70	B46821	1.00	2.846	**5-7% py in frac's and in matrix; 5% grey to white qtz + chl vn'ing with py**	2.811	2.880
BG10-10	**28.70**	**29.70**	**B46822**	**1.00**	**9.806**	**as above**	**7.269**	**12.343**
BG10-10	**29.70**	**30.40**	**B46823**	**0.70**	**4.560**	**as above**	**5.349**	**3.771**

Hole_ID	From	To	Sample_#	Length	Au ppm	Description	Au ppm_ck	Au ppm-ck2
BG10-10	**30.40**	**31.20**	**B46824**	**0.80**	**46.801**	**3-5% diss py and py along margins of 0.25 to 1 cm wide dk grey qtz vn's; end of MH Zone**	**47.383**	**46.218**
BG10-10	31.20	32.20	B46825	1.00	0.754	1-2% py in frac's		
BG10-10	32.20	33.20	B46826	1.00	0.617	1% py		
BG10-10	33.20	34.10	B52198	0.90	<.03	infill sample		
BG10-10	34.10	35.40	B52199	1.30	<.03	infill sample		
BG10-10	35.40	36.60	B46827	1.20	0.069	ductile shear zone at 75 to 85 deg TCA with 1% py; 35.9 to 36m late white qtz vn with chl + 1% diss py		
BG10-10	36.60	37.90	B52200	1.30	<.03	infill sample		
BG10-10	37.90	38.50	B46828	0.60	0.069	<1% diss py; 2cm wide qtz vn at 38m at 50 deg TCA with py on margin		
BG10-10	38.50	40.00	B52201	1.50	<.03	infill sample		
BG10-10	40.00	41.50	B52202	1.50	0.343	infill sample		
BG10-10	41.50	43.00	B52203	1.50	<.03	infill sample		
BG10-10	43.00	44.50	B52204	1.50	<.03	infill sample		
BG10-10	44.50	46.00	B52205	1.50	<.03	infill sample		
BG10-10	46.00	46.90	B46829	0.90	0.137	<1% py		
BG10-10	46.90	47.60	B46830	0.70	1.886	70% py in 5cm wide qtz+carb vn - localized shear at 25 deg TCA; overall 15 to 20% py	1.714	2.057
BG10-10	47.60	48.80	B46832	1.20	<.03	<1% py		
BG10-10	48.80	49.80	B46833	1.00	0.480	1-3% py at margins od carb vn's		
BG10-10	49.80	50.77	B46834	0.97	0.137	3-5% diss py		
BG10-10	50.77	51.50	B46835	0.73	1.029	at contact with diorite - FP 1.5 cm wide py vn- 75% py at 25 deg TCA; remainder of sample 1-5% m.g. Py frac's and in matrix	1.029	1.029
BG10-10	51.50	52.50	B46836	1.00	0.686	5-7% diss mg to fg py in matrix and in infreq frac's		
BG10-10	52.50	53.50	B46837	1.00	0.960	as above		
BG10-10	53.50	54.00	B46838	0.50	0.891	3-5% py in frac's and in matrix; py mostly in frac's between 53.5 to 53.7m		
BG10-10	54.00	54.90	B46839	0.90	0.069	1% diss py in discontinuous hair;line frac's		
BG10-10	54.90	55.80	B46840	0.90	0.069	55.15 to 55.3m red hem alt'n in broken core, 3-5% py in frac's		
BG10-10	55.80	56.80	B46841	1.00	0.480	overall 3-5% py; 70% py vn's 0.75cm wide at 56.05 and 56.2m; 3-5% py in strain zone at 56.56 to 56.8m		
BG10-10	56.80	57.80	B46843	1.00	0.411	1-3% py in occasional py vn's, <0.25 cm wide; 10% late bull white qtz vn's		
BG10-10	57.80	58.50	B46845	0.70	<.03	1-3% diss py in 1mm frac's at 25 deg TCA		
BG10-10	**58.50**	**59.10**	**B46846**	0.60	0.274	**60% py in 4cm wide vn at 40 to 50 deg TCA from 58.9 to 58.96m; 0.5cm wide py vn at 58.57m; overall 5 7% py**		
BG10-10	59.10	60.00	B46848	0.90	<.03	1-3% doss py subhedral, m.g., in clots		
BG10-10	60.00	60.90	B46849	0.90	<.03	1% py in discont frac's		
BG10-10	60.90	61.70	B46850	0.80	0.069	60.9 to 61.4m 5-7% diss py in chl?, qtz?, vn adjacent to flt at 61.14m; FP-Diorite contact with 3-5% py in diori near contact		
BG10-10	61.70	62.20	B46851	0.50	<.03	1-3% fg diss py in hairline frac's		
BG10-10	62.20	62.70	B46852	0.50	<.03	62.2 to 62.5m three subparallel frac;s at 15 deg TCA with 3-5% py + leuc flecs halo		

Hole_ID	From	To	Sample_#	Length	Au ppm	Description	Au ppm_ck	Au ppm-ck2
BG10-10	62.70	63.90	B46853	1.20	<.03	1-2% diss py in hairline frac's		
BG10-10	63.90	64.50	B46854	0.60	0.480	3-5% subhedral py in slips-frac's; 10-15% leuc flecs		
BG10-10	64.50	65.30	B46855	0.80	0.891	3-5% diss py + 10-15% leuc flecs+ shear frac's with strong py at 25 deg TCA + 65.05m 1cm wide carb vn at 2 deg TCA		
BG10-10	65.30	66.10	B46856	0.80	0.549	65.7 to 66.05m 1-3% diss py in frac's, 10-15% leuc flecs; 66.05m flt		
BG10-10	66.10	67.30	B46857	1.20	<.03	1% py in rare frac's-vn's		
BG10-10	67.30	68.80	B53043	1.50	<.03	infill sample		
BG10-10	68.80	69.90	B53044	1.10	<.03	infill sample		
BG10-10	69.90	71.00	B46858	1.10	<.03	70.4 to 70.5m flt-slips; multpile frac's with chl+ carb; 1% diss py overall		
BG10-10	71.00	72.50	B53045	1.50	<.03	infill sample		
BG10-10	72.50	74.00	B53046	1.50	<.03	infill sample		
BG10-10	74.00	75.50	B53047	1.50	<.03	infill sample		
BG10-10	75.50	77.00	B53048	1.50	<.03	infill sample		
BG10-10	77.00	78.00	B53049	1.00	<.03	infill sample		
BG10-10	78.00	78.60	B46859	0.60	2.537	weak localized shear at 45 deg TCA, disjointed grey sil bands approx 1-1.5cm wide, epi+6 leuc flecs+ 3-7% fg py+ oxy'd red hem	2.400	2.674
BG10-10	78.60	80.00	B53050	1.40	<.03	infill sample		
BG10-10	80.00	80.70	B46860	0.70	2.366	localized shear at 25 deg TCA, sil+epi+leuc flecs+ 3-5%diss py; 0 deg TCA qtz+carb+chl vn	2.263	2.469
BG10-10	80.70	82.20	B53051	1.50	<.03	infill sample		
BG10-10	82.20	83.70	B53052	1.50	<.03	infill sample		
BG10-10	83.70	85.20	B53053	1.50	<.03	infill sample		
BG10-10	85.20	86.70	B53054	1.50	<.03	infill sample		
BG10-10	86.70	87.80	B53055	1.10	<.03	infill sample		
BG10-10	87.80	89.30	B46862	1.50	0.480	87.8 to 100.8m mod frac'ing hairline to 2mm wide with epi + qtz+ carb+ chl+ py at variable concentrations		
BG10-10	89.30	90.80	B46863	1.50	<.03	as above		
BG10-10	90.80	92.30	B46864	1.50	0.137	as above; 3-5% py		
BG10-10	92.30	93.80	B46865	1.50	0.069	as above; 3-5% py		
BG10-10	93.80	95.30	B46866	1.50	0.069	as above		
BG10-10	95.30	96.00	B46867	0.70	<.03	as above, 95.6 to 95.75m red oxy'd hem with 3-5% diss py		
BG10-10	96.00	97.50	B46868	1.50	<.03	as with 87.8 to 89.3m, 1-2% py		
BG10-10	97.50	98.30	B46870	0.80	0.069	as with 87.8 to 89.3m, 3-5% py		
BG10-10	98.30	99.50	B46871	1.20	0.069	as with 87.8 to 89.3m, 1-3% py		
BG10-10	99.50	100.20	B46872	0.70	0.823	<1% py		
BG10-10	100.20	100.80	B46873	0.60	4.046	at 100.6m 1.2 cm wide dk qtz vn at 40 deg TCA with 15 cm wide sil+leuc flec alt'n halo; 3-5% fg py	4.320	3.771
BG10-10	100.80	101.80	B46874	1.00	<.03	<1%py		
BG10-11	11.00	12.00	B46875	1.00	<.03	magnetite vnlets; moderate to strong slips with magnetite + chl; 1% py; 5% dol+qtz vnlets		
BG10-11	12.00	12.80	B46876	0.80	0.274	as above; contact with FP		
BG10-11	17.40	18.40	B46877	1.00	<.03	5% dol +qtz vnlets; negl py; moderate frac'ing		
BG10-11	24.70	25.30	B46878	0.60	0.617	25.05m flt at 55 deg TCA with qtz+chl+negl py		
BG10-11	28.10	28.80	B46880	0.70	2.572	28.4 to 28.75m 3cm wide dk grey qtz vn + 0.5cm wide py vn at 85 deg TCA	2.674	2.469

Hole_ID	From	To	Sample_#	Length	Au ppm	Description	Au ppm_ck	Au ppm-ck2
BG10-11	33.00	34.00	B46881	1.00	0.343	1-2mm frac's in Syenite with fg to mg diss py; overall 1-3% py		
BG10-11	34.00	34.70	B46882	0.70	0.343	34.3 to 35.4m 1-4mm wide frac's with py; overall 5-7% py		
BG10-11	34.70	35.50	B46883	0.80	0.960	as above		
BG10-11	35.50	36.00	B46885	0.50	0.480	1% py in minor frac'ing		
BG10-11	36.00	37.00	B46886	1.00	0.274	two subparallel vns, 3 to 5mm wide with 30 to 50% py at 65 to 80 deg TCA		
BG10-11	37.00	38.00	B46887	1.00	0.137	multpile hairline frac's with 1-3% py		
BG10-11	38.00	38.50	B46888	0.50	0.411	0.5cm wide py vn at 38.3m		
BG10-11	38.50	39.50	B46889	1.00	<.03	1% diss py in frac's		
BG10-11	39.50	40.00	B46890	0.50	0.274	2mm solid py vn + three other frac's with py; 1-3% py overall		
BG10-11	40.00	41.00	B46891	1.00	<.03	<1% py in hairline rare frac's		
BG10-11	41.00	42.00	B46892	1.00	<.03	41.75 and 42m py vnlets <0.5cm; overall 1-2% diss py in weak frac'ing		
BG10-11	42.00	43.00	B46894	1.00	0.891	multiple solid py vns 1mm to 1.5cm wide at 70 to 85 deg TCA; 5% late dol+ qtz vnlets at 20 deg TCA		
BG10-11	43.00	44.00	B46895	1.00	<.03	multpile py vn's at 70 and 20 deg TCA at 0.20 to 0.5cm wide		
BG10-11	44.00	45.00	B46896	1.00	<.03	<1% py; no visible frac's with py		
BG10-11	45.00	46.00	B46897	1.00	0.206	45.34 to 45.38m 15% py in vn's; overall 1-3% diss py		
BG10-11	46.00	46.90	B46899	0.90	0.137	two vn's with minor py; 1-2% diss py in matrix		
BG10-11	46.90	47.50	B46900	0.60	<.03	at 47.3m mg py vn 4mm wide at 10 deg TCA		
BG10-11	47.50	48.00	B46901	0.50	<.03	1% diss py in matrix		
BG10-11	59.20	60.50	B46902	1.30	<.03	<1% py; 5% late white carb+qtz vn'ing		
BG10-11	60.50	61.10	B46903	0.60	<.03	<1% py		
BG10-11	66.00	67.10	B46904	1.10	<.03	1% mg py in clots; and in hairline frac's		
BG10-11	67.10	68.00	B46905	0.90	<.03	1-2% mg diss py in matrix near contacts and in hairline frac's		
BG10-11	72.00	73.40	B46906	1.40	<.03	rare chl slips with py; overall <1% py		
BG10-11	76.00	76.60	B46907	0.60	<.03	contact FP- Diorite Bx		
BG10-11	76.60	78.00	B46908	1.40	<.03	1% fg py overall in matrix and in frac's		
BG10-11	78.00	78.70	B46909	0.70	<.03	78.54m 0.5cm wide carb vn with py at 80 deg TCA		
BG10-11	78.70	79.50	B46910	0.80	0.274	weak perv carb; 1% diss py		
BG10-11	79.50	80.10	B46911	0.60	<.03	weak to mod perv carb; 10% carb vn'ing; 1-3% diss py		
BG10-11	80.10	80.80	B46912	0.70	<.03	3-5% diss mg py		
BG10-12	12.00	12.70	B25991	0.70	<.03	ct		
BG10-12	12.70	13.30	B25992	0.60	0.069	5% q-ank@60		
BG10-12	13.30	13.90	B25993	0.60	0.343	0.1m pur hue w 5% cse d py assd w q-ank of 1/2"@6		
BG10-12	22.55	23.20	B25994	0.65	<.03	0.05m chl fract's w rare cse d py@5		
BG10-12	25.50	26.90	B25995	1.40	<.03	por dyke imm prec by 1/4" q-ank vn@2-22 w 2% cp+5% spec he		
BG10-12	26.90	27.85	B25996	0.95	0.069	BC; 1/8" chl-carb fract's vuggy w 10% cse d py+ in wallrock which is wy sil'd w pur hue-all@10-		
BG10-12	27.85	28.70	B25997	0.85	<.03	BC		
BG10-12	38.35	39.00	B25998	0.65	<.03	5% q-ank vn's to 1/2"@0-3		
BG10-12	39.00	39.75	B25999	0.75	<.03	5% cse d py over 0.1m assd w chl clots@45+8		
BG10-12	39.75	41.15	B26000	1.40	<.03	5% q-ank vn's to 1" @52w 2%cse d p		
BG10-12	43.10	43.80	B26001	0.70	<.03	ct; 3% cse d py		
BG10-12	43.80	45.00	B26002	1.20	<.03	2% q-ank; wy bl'		

Hole_ID	From	To	Sample_#	Length	Au ppm	Description	Au ppm_ck	Au ppm-ck2
BG10-12	45.00	45.80	B26003	0.80	<.03	chl flt imm prec by 1/2" q-ank vn; mody bl'd; 3% f d py within 1" of flt-all@1		
BG10-12	45.80	46.70	B26004	0.90	<.03	wy bl'd; 1% cse d py		
BG10-12	59.90	61.35	B26005	1.45	<.03	bl'd hily; 10% pkish q-ank		
BG10-12	61.35	62.00	B26006	0.65	<.03	1/2" chl zone w 10% cse d py@32 w 20% q-ank assd w spec her		
BG10-12	62.00	63.35	B26007	1.35	<.03	bl'd mody; 1% cse d py locy conc assd w chl-ser@62		
BG10-12	63.35	64.20	B26008	0.85	<.03	5-8% q-ank vn's to 1/8"270 gen; rare cse d py		
BG10-12	64.20	65.55	B26009	1.35	<.03	ct imm prec by 0.2m bl'd		
BG10-12	65.55	67.00	B26010	1.45	<.03	3% q-ank; locy bl'd mody; posy por inlier @66.0-67.1 w 30% qtz phenc		
BG10-12	71.70	72.35	B26011	0.65	<.03	ct; 1% fine d py+ ser'n @ct;		
BG10-12	72.35	73.20	B26012	0.85	<.03			
BG10-12	73.20	73.95	B26013	0.75	<.03	flt imm prec by 3/4"q-ank+ 1" hem'd mody w 5% f +3% cse d py assd w sil'n; imm foll by 0.1m san		
BG10-12	73.95	74.70	B26015	0.75	<.03	3% q-ank @30; 1/8" chl-ser w 2% f d py@26; bl'(		
BG10-12	74.70	75.50	B26016	0.80	0.206			
BG10-12	75.50	76.70	B26017	1.20	<.03	1/8" chl fract@42 w 5% cse d py		
BG10-12	76.70	78.00	B26018	1.30	0.069	2*1/8" chl fract@42 w 5% cse d py		
BG10-12	78.00	79.40	B26019	1.40	<.03			
BG10-12	79.40	80.05	B26020	0.65	<.03	0.3m bl'd buff@41		
BG10-12	80.05	81.00	B26021	0.95	<.03	ct; hem'd wy; centred on 0.15m 10% q-ank vns to 1/8" w 10% cse d py-all@5		
BG10-12	81.00	81.90	B26022	0.90	<.03	ct		
BG10-12	84.25	84.85	B26023	0.60	<.03	0.05m q-ank vn@77 w 5% cse d py w 20% mody hem'd bx frag's ang+ imm foll by 1/2" hem		
BG10-12	92.30	93.00	B26024	0.70	<.03	ct; 5% spec in vugs in q-ank stockwork		
BG10-12	97.90	99.05	B26025	1.15	<.03	BC; hily bl'd gn-buff; 3% cse d py locy conc on chl fract's@30; 3* 1/8" pa gy q str's@75 w 2% f d p		
BG10-12	99.05	99.90	B26026	0.85	<.03	BC; hily bl'd gn-buff; 3% cse d py locy conc on chl fract's@30; 1/4" dk gy q str's@75 w 2% f d p		
BG10-12	99.90	100.65	B26027	0.75	<.03	hily bl'd; rare 1/8" chl-sil fract's w 5% cse d py+15% f d py-@20+80; 1/4" bull med gy qv@40; 1/4" q-ank vn@40		
BG10-12	100.65	101.70	B26028	1.05	<.03			
BG10-12	104.90	105.45	B26029	0.55	<.03	wy bl'd ;1/4" 5-10% cse d py in chl vn@4		
BG10-12	114.20	115.10	B26030	0.90	<.03	mody bl'd; 3% spec in vugs		
BG10-12	115.10	115.75	B26031	0.65	1.303	hily bl'd centred on 0.15m wy hem'd w 25% cse d py +10% cp-well min'd-all@4	1.371	1.234
BG10-12	115.75	116.75	B26033	1.00	<.03	hily bl'd; 3% cse d py locy conc on chl fract's@3		
BG10-12	116.75	117.50	B26034	0.75	<.03	1/4" chl-pk carb fract@25		
BG10-12	124.60	125.60	B26035	1.00	<.03			
BG10-12	125.60	126.15	B26036	0.55	0.137	slips 1" apart w 2" total bl'd buff-gn w 3% v f d py assd w 10% ser+ rare hairline pa gy q str's-all@		
BG10-12	126.15	126.85	B26037	0.70	<.03	bl'd wy centred on 0.05m bull q-ank pa gy vn@62; 1% f d py in ser'd wallro		
BG10-12	126.85	128.35	B26039	1.50	<.03	1/8" chl-spec-ank vn w 3% cse d py+ rare cp@1		
BG10-12	128.35	129.35	B26040	1.00	<.03			
BG10-12	129.35	130.40	B26041	1.05	<.03			
BG10-12	130.40	131.60	B26042	1.20	<.03			
BG10-12	131.60	132.60	B26043	1.00	0.069	2* 1/8" chl-carb slips w slicks w 5-8% cse d py between for 0.1m assd w chl-q-q-ank vn's 1/8" @5; 10% q-an between slips		
BG10-12	136.05	137.10	B26044	1.05	<.03	wy bl'd@70		
BG10-12	137.10	138.15	B26045	1.05	<.03	bl'd mody; 0.2m w 3-5% f+cse d py assd w chl clots@4		
BG10-12	138.15	139.20	B26046	1.05	0.137	1/8" 70% spec hem vn@62		
BG10-12	147.80	149.30	B26047	1.50	<.03	hily bl'd; rare bull qv's to 1/4"@3		
BG10-12	149.30	150.25	B26048	0.95	<.03	intense bl'd to wt centred on 1/8" gouge flt in BC imm foll by 0.1m of 5-10% f d py assd w sil-chl clc		

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BG10-12	150.25	151.15	B26049	0.90	<.03			
BG10-12	159.30	159.85	B26050	0.55	0.274	1" bl'd @57 assd w chl		
BG10-12	159.85	160.80	B26051	0.95	<.03			
BG10-12	160.80	161.80	B26052	1.00	0.069	3% cse d py; 0.1m of 3% f d py in sil-chl@1(		
BG10-12	161.80	162.65	B26053	0.85	0.206	BC; hily bl'd; locy vuggy; fract's@18-33; 2% f d py+cp assd w q-ank-cl		
BG10-12	162.65	163.30	B26054	0.65	0.137	3% cse d py		
BG10-12	163.30	164.30	B26055	1.00	<.03			
BG10-12	168.00	169.05	B26056	1.05	<.03			
BG10-12	169.05	169.70	B26057	0.65	0.206	1/4"-1/2" spec vn blk @10-15 w 10% f d py+cp in wy hem'd zone imm foll by GC then hily bl'd yel ser?'d@32		
BG10-12	169.70	170.80	B26058	1.10	<.03	slip		
BG10-12	170.80	172.10	B26059	1.30	<.03			
BG10-12	172.10	172.80	B26060	0.70	<.03			
BG10-12	172.80	173.30	B26061	0.50	0.069	3/4"-1" spec blk vn in 1.5" pa gy sil flooding w 10-15% cse d py+c		
BG10-12	173.30	173.80	B26062	0.50	<.03	ser-chl flt 1/4"-1/2" + 1/8" chl flt w slicks 1/2" away w rare p		
BG10-12	173.80	175.00	B26063	1.20	<.03	0.1m ser-chl-q-ank zone w 1/8"-3/4" chl-ser w 10% f d py-all@29; then 0.2m BC; then 3/4" 15-20% cse d py i vn @18 assd w 1/2" q-ank		
BG10-12	175.00	176.35	B26064	1.35	<.03	1/4" chl-sil vn w 10% f +cse d py		
BG10-12	176.35	177.75	B26065	1.40	<.03			
BG10-12	179.70	180.65	B26066	0.95	<.03	1/2" clot + vn's 1/8" 10% f+ cse d py @2		
BG10-12	183.00	183.90	B26067	0.90	<.03	0.1m olive gn dyke?aph @35 w 1/8" cp vn's @5 in 1"chl clot; 1/4" bullish pa gy qv w 2% f d py locy @2 does r cross core, truncated by gn dyke that does not cross core; then qv again for 0.15m w 5% cp locy		
BG10-12	183.90	185.25	B26068	1.35	<.03	2% cse d py		
BG10-12	185.25	186.40	B26069	1.15	<.03	5% cse d py locy conc assd w chl fract's@47		
BG10-12	189.20	190.80	B26070	1.60	<.03			
BG10-12	190.80	192.00	B26071	1.20	<.03	15% cse d py in med gy q-q-ank vn's to 1/8"@5-10 coming off chl-q-ank 1/8"-1/4" vn@		
BG10-12	192.00	192.95	B26072	0.95	<.03			
BG10-12	192.95	194.20	B26073	1.25	<.03	dyke ends on 1/8"q-ank vn w 5% cse d py@2		
BG10-12	196.50	197.95	B26074	1.45	0.206	ct; rare cse d py; 10% q-ank vn's to 3/4" one w chl-sil dk gy clot w 10% f d py-all@2		
BG10-12	197.95	198.90	B26075	0.95	<.03	3% cse d py locy conc on chl-q-ank+ser @2(		
BG10-12	198.90	199.95	B26076	1.05	<.03	5% q-ank; 1% f d py		
BG10-12	199.95	201.60	B26077	1.65	<.03	dk gy-pur dyke imm prec by chl-ser-q-ank over 0.2m w 5%f+5% cse d py; 15% q-ank vn's@35 w 2% f d py pur sil'd frag's		
BG10-12	201.60	202.90	B26078	1.30	0.137	5% f d py in pur-gy alb'd? zon assd w ser-chl+posy m		
BG10-12	202.90	204.00	B26079	1.10	<.03	magn-5%; 1/2" 60% cse +f d py+po? In vn assd w q-ank@2		
BG10-12	204.00	205.45	B26080	1.45	<.03	ser-buff aph zone (myl?-chill zone?) w 8% cse d py w shrp ct@37 imm foll by gn dyke imm foll by pk-\ myl?@34 w 2% f d py		
BG10-12	205.45	206.55	B26081	1.10	<.03	flt ct imm foll by 0.4m wy hem'd hily bl'd+cooked por; 5% pa gy sil-chl vn's w 5% cse d py@1		
BG10-12	206.55	207.90	B26082	1.35	<.03			
BG10-12	211.20	212.30	B26083	1.10	<.03	flt; rare py		
BG10-12	212.30	213.20	B26084	0.90	<.03	0.2m w 5-10% cse d py as vn's@18 assd w s		
BG10-12	213.20	214.45	B26085	1.25	<.03	slip w slicks w 3% cse d py		
BG10-12	216.45	217.20	B26086	0.75	0.617	flt in 0.4m hily bl'd wt q-ank zone-str- w 1/8" gouge+1/4" ser; rare p		
BG10-12	226.05	227.70	B26087	1.65	0.549	1/8"-1/4" 70% cse py vn@10; 2% 1/8" 10% cse py vn's@10-3(		

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BG10-12	229.95	230.90	B26088	0.95	<.03	2* 1/8"-1/4" blue-gy q str's@17 w 10% spec+2% cp-offset 1/2" by ank 1/8" fract's@15		
BG10-12	231.90	232.95	B26089	1.05	0.137	BC; 1" med gy sil w 5% f d py@10-15		
BG10-12	232.95	234.15	B26090	1.20	0.069	ct; flt w shim imm foll by 0.15m 20% ser+30% q-ank shr-hily bl'		
BG10-12	249.00	249.70	B26091	0.70	<.03	slip		
BG10-12	257.70	258.45	B26093	0.75	<.03	flt w slickimm prec by + foll by 1" hily bl'd w 5% ser; spec on flt		
BG10-12	264.00	265.40	B26094	1.40	<.03	ct w 1/4" ser		
BG10-12	*265.40*	*266.50*	*B26095*	1.10	*0.137*	*1/4" 70% cse py vn in q-ank @45 in wy sil'd por; moly slip w slicks imm foll by BC; 1/4" 5% cse+ f d py in sil-chl@27*		
BG10-12	266.50	267.70	B26096	1.20	<.03	bl'd; 2-4% cse+ f d py		
BG10-12	267.70	268.90	B26097	1.20	0.069	rare 1/8" chl-sil vn's@35 w 3% cse d py		
BG10-12	271.30	272.00	B26098	0.70	<.03	BC;1/8" chl-moly-sil slip@66		
BG10-12	275.30	276.30	B26099	1.00	<.03	5% sil-chl vn's to 1/8"@17 w 10% f+cse d py; locy se		
BG10-12	276.30	277.70	B26100	1.40	<.03	slip-may be flt (1/8" grit); hily bl'c		
BG10-12	279.10	280.20	B26101	1.10	<.03			
BG10-12	280.20	281.10	B26102	0.90	0.137	1/4" sil-chl vn w 10% f+cse d py@32		
BG10-12	281.10	282.00	B26103	0.90	<.03			
BG10-12	282.00	283.00	B26104	1.00	0.069	2% cse d py; hily bl'c		
BG10-12	283.00	284.30	B26105	1.30	<.03	hily bl'd; ser locy		
BG10-12	284.30	285.00	B26106	0.70	0.137	shr'd mody; 5% v f d py @ 16 assd w chl-sil-se		
BG10-12	285.00	285.80	B26107	0.80	0.549	hily bl'd; 3% cse d py		
BG10-12	285.80	286.70	B26108	0.90	0.137	shr'd stry; 10% v f d py assd w chl-sil-heavy ser@22; 3% cp; mody hem		
BG10-12	286.70	287.90	B26110	1.20	0.069	shr'd stry; 8% v f d py assd w chl-sil-heavy ser@22; 3% cp; hily hem		
BG10-12	287.90	288.70	B26111	0.80	<.03	myl @22; BC; buff; rare py		
BG10-12	**288.70**	**289.50**	**B26112**	0.80	**4.903**	**BC along chl fract@15; dull wt-pa gy q-ank vn (20 vn?) w 5% f d py w at least 1/2" chl flt@15; ends in ser-chl-ank myl@25 which is ct**	**5.280**	**4.526**
BG10-12	289.50	290.20	B26113	0.70	1.474	15% ank@19; 1% cse d py locy conc	1.509	1.440
BG10-12	291.00	292.05	B26114	1.05	0.686	ank-chl-ser myl imm after LC; 3-4% cse d py locy conc@18; 2% spec in vn		
BG10-12	292.05	293.70	B26115	1.65	0.069	5% ank; bl'd dio; 2% cse d py in chl-sil vn's@15-2		
BG10-12	293.70	295.20	B26116	1.50	0.069	5% ank; bl'd dio; 2% cse d py in chl-sil vn's@15-2		
BG10-12	295.20	296.90	B26117	1.70	0.617	5% ank; bl'd dio; 5% cse+f d py in chl-sil vn's@15-2:		
BG10-12	296.90	298.35	B26118	1.45	0.206	0.4m hily mag is br-gy imm foll by 30% q-ank w 5% cse d py imm foll by dk gn aph dyke?@		
BG10-12	298.35	299.70	B26119	1.35	<.03	gn; imm foll by 20% q-ank@10		
BG10-12	299.70	301.60	B26120	1.90	0.549	20% q-ank@10-20 w 2% cse d py; locy br-wy hem'd red-br+pur w 10% spe		
BG10-12	301.60	302.90	B26121	1.30	0.069	10% q-ank@10-20 w 1% cse d py; locy br-wy hem'd red-b		
BG10-12	302.90	304.20	B26122	1.30	<.03	5% q-ank in gn dic		
BG10-12	304.20	305.50	B26123	1.30	<.03	mottled w 30% q-ank-locy hem'd red-br-pur; 3% cse d p		
BG10-12	305.50	306.95	B26124	1.45	0.137	5% q-ank in gn dic		
BG10-12	306.95	308.10	B26125	1.15	0.069	inc'g hem'd+ shr'd@28 w 5% cse d py assd w 10% chl; crushe		
BG10-12	308.10	308.80	B26126	0.70	0.480	mud gouge		
BG10-12	308.80	309.60	B26127	0.80	0.137	BC; hem'd mody locy; pur-br locy; 2% f d p		
BG10-12	**309.60**	**311.00**	**B26128**	1.40	**6.411**	**15% pur sil-chl vn's@17 w 20% cse+f d py(+po?)+3% cp imm prec by BC -posy w flt; up to 1" 80% cs py vn before+after vn's**	**8.503**	**4.320**
BG10-12	**311.00**	**312.00**	**B26129**	1.00	**5.863**	**well min'd 50% dull wt q-ank+pur-gy vn w 30% cse py vn's@5-4**	**4.526**	**7.200**
BG10-12	312.00	313.30	B26131	1.30	0.891	quickly freshens; gn; 5% ank; 5% cse d py locy conc@44; wk leuc		
BG10-12	313.30	314.60	B26132	1.30	0.960	gn; 5% ank; 5% cse d py locy conc@44; wk leuc		

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BG10-12	314.60	316.30	B26133	1.70	0.891	gn; 5% ank; 5% cse d py locy conc@44; wk leucc		
BG10-12	316.30	317.50	B26134	1.20	0.137	gn; 5% ank; 3% cse d py locy conc@44; wk leucc		
BG10-12	317.50	318.70	B26135	1.20	0.480	gn; 5% ank; 3% cse d py locy conc@44; wk leucc		
BG10-12	**318.70**	**320.15**	**B26136**	1.45	**8.434**	**gn; 30% cse d py locy conc@26 assd w 20% q-ank; wk leuco;**	**7.954**	**8.914**
BG10-12	320.15	321.10	B26137	0.95	1.577	gn; 5% ank; 5% cse d py locy conc@44; wk leuco;BC-posy flt imm prec by folded 3/4" q-ank vn +20% cse d p over 1/2"	1.440	1.714
BG10-12	321.10	322.70	B26138	1.60	1.371	gn; 5% ank; 5% cse d py locy conc@44; wk leucc	1.371	1.371
BG10-12	322.70	324.00	B26139	1.30	1.063	gn; 5% ank; 5% cse d py locy conc@44; wk leuco; 0.2m 60% q-ank w 20% cse d py@19-42 0.05m from th end	1.097	1.029
BG10-13	8.40	9.40	B46913	1.00	<.03	3-5% diss fg-mg py; 15% late qtz+dol vn'ing predominantly at 45 deg TCA; 15% leuc fle		
BG10-13	9.40	10.40	B46914	1.00	0.069	as above		
BG10-13	10.40	11.00	B46915	0.60	0.480	as above		
BG10-13	11.00	11.50	B46916	0.50	0.480	Diorite-FP contact at 11.1m; 1-3% diss py; 5-10% late qtz+dol vn'ing; perv oxy'd he		
BG10-13	11.50	12.50	B46917	1.00	0.137	1% fg diss py in matrix; perv oxy'd hem alt'		
BG10-13	12.50	14.00	B46918	1.50	<.03	as above		
BG10-13	14.00	15.00	B46920	1.00	0.206	<1% py; perv oxy'd hem alt'n ends sharply at 14.16		
BG10-13	15.00	16.20	B46921	1.20	0.549	<1% py		
BG10-13	16.20	17.00	B46922	0.80	<.03	negl py		
BG10-13	17.00	18.00	B46923	1.00	<.03	negl py		
BG10-13	18.00	19.00	B46924	1.00	0.069	3cm wide calcite+carb+chl vn at 65 deg TCA; negl p		
BG10-13	33.10	34.00	B46925	0.90	<.03	1-3% diss fg py in matrix		
BG10-13	34.00	34.60	B46926	0.60	0.480	weak shear-frac section with 3-5% frac filled py starting at 34.2m at 65 deg TCA, flt at 34.4m; 10% whi qtz+dol vn'ing + pale light green plagio pheno's+ ser+ chl		
BG10-13	34.60	35.20	B46928	0.60	<.03	hairline frac's; 1% py in matri		
BG10-13	35.20	35.70	B46929	0.50	0.960	weak frac section with py in frac's 10% qtz+dol vn'ing at 65 to 75 deg TC		
BG10-13	35.70	36.50	B46930	0.80	0.069	negl py		
BG10-13	37.50	38.10	B46931	0.60	0.206	<1% py		
BG10-13	38.10	38.80	B46932	0.70	0.754	mod fol'n fabric, minor frac's with py 1-3%; perv oxy'd hem alt'n starts at 38.1		
BG10-13	38.80	39.70	B46933	0.90	0.069	weak frac'd section that are discontinuous with 1-5% mg suhedral py; 10-20% late pink-white qtz+dol vn'ing		
BG10-13	39.70	40.60	B46934	0.90	0.206	as above		
BG10-13	40.60	41.50	B46935	0.90	<.03	as above		
BG10-13	41.50	42.20	B46936	0.70	0.686	<1% py		
BG10-13	42.20	43.40	B46937	1.20	0.960	<1% py		
BG10-13	43.40	44.30	B46939	0.90	<.03	weak + minor frac'ing 1mm wide aith 1-2 % py in frac'		
BG10-13	44.30	45.00	B46940	0.70	0.137	44.7 to 44.86m mod frac'ing with py vn's at 47.86m a 2cm wide 50% py vn at 90 deg TCA; overall 3-5% py		
BG10-13	45.00	45.70	B46941	0.70	<.03	weak vn'ing + frac's with 1-2% p		
BG10-13	45.70	46.20	B46942	0.50	1.475	45.84 to 45.89m 60% py vn at 85 deg TCA; 1-3mm wide qtz frac's with py; overall 5-7% diss	1.440	1.509
BG10-13	46.20	47.00	B46944	0.80	<.03	1-3% py in weak frac'in		
BG10-13	47.00	47.90	B46945	0.90	0.069	47.3 to 47.6m mod sil + minor ser in frac's 1-3% fg py in weak frac'ing; 10% qtz+dol vnl		
BG10-13	47.90	48.80	B46946	0.90	0.274	3-5% py in frac's + vn'in		
BG10-13	48.80	50.00	B46947	1.20	<.03	1-2% py in discontinuous frac's		
BG10-13	50.00	51.10	B46948	1.10	0.137	5 deg TCA dk grey qtz stringers; <1% p		

Hole_ID	From	To	Sample_#	Length	Au ppm	Description	Au ppm_ck	Au ppm-ck2
BG10-13	52.70	53.20	B46949	0.50	0.274	52.8m a 3.5 cm qtz+dol vn with fg py at 55 deg TCA; overall 1 % p		
BG10-13	53.20	53.90	B46950	0.70	1.646	rare frac's with py+chl; overall <1% p	1.920	1.371
BG10-13	56.80	57.30	B46951	0.50	0.480	1-2% diss py in one frac at 25 deg TCA with spec hem; 5% qtz+dol vn'ir		
BG10-13	57.30	58.00	B46952	0.70	<.03	negl py		
BG10-13	58.00	58.80	B46953	0.80	1.269	weak non penetrative frac'ing with fg py; overall <1	1.166	1.371
BG10-13	60.70	61.50	B46954	0.80	1.509	weak frac'ing with chl + 1-2% py; slips at 60.8 possible flt with qtz+dol healing at 50 deg TC	1.303	1.714
BG10-14	4.30	5.10	B46657	0.80	0.137	3-5% py; 15% leuc flecs; 4.3m 3cm rubble zone with p		
BG10-14	5.10	5.60	B46658	0.50	0.069	<1% py		
BG10-14	5.60	6.60	B46659	1.00	0.823	1-3% diss py; 10-15% leuc flecs; two 100% magnetite vn'		
BG10-14	6.60	7.80	B46661	1.20	0.137	1% py in occasional hairline frac's		
BG10-14	**7.80**	**8.70**	**B46662**	**0.90**	**3.189**	**3-5% py in mod chl alt'd section with 20-25% leuc flecs; weak shear zon**	**2.194**	**4.183**
BG10-14	**8.70**	**9.60**	**B46663**	**0.90**	**7.577**	**as above; but 5-7% py**	**7.817**	**7.337**
BG10-14	9.60	10.30	B46664	0.70	0.686	3-5% diss py in matrix		
BG10-14	10.30	11.30	B46665	1.00	1.337	as above but one 5% py vn at 90 deg TCA; some chl frac's with p	1.303	1.371
BG10-14	11.30	12.00	B46666	0.70	0.686	3-5% diss py in matrix		
BG10-14	12.00	12.60	B46667	0.60	1.063	at 12.3m start of brittle frac'd section from 12.3 to 13.2m; 1-3% py in 1mm frac's and 3-5% diss py in matrix	1.097	1.029
BG10-14	***12.60***	***13.20***	***B46668***	**0.60**	**63.532**	***six py vn's at 55 to 65 deg TCA ranging from 0.5 cm to 1 cm wide; overall 5-7% p***	**61.372**	**65.692**
BG10-14	**13.20**	**14.20**	**B46670**	**1.00**	**4.149**	**3-5% diss py**	**3.154**	**5.143**
BG10-14	14.20	14.90	B46671	0.70	0.891	3-5% diss py		
BG10-14	14.90	15.70	B46672	0.80	3.052	5-7% diss + frac py; flt at 15.1m	2.606	3.497
BG10-14	15.70	16.30	B46673	0.60	2.023	1-3% dis py in matrix	2.057	1.989
BG10-14	16.30	17.40	B52157	1.10	0.274	FP -1-2% diss py		
BG10-14	17.40	18.30	B52158	0.90	0.137	FP -1-2% diss py		
BG10-14	18.30	19.00	B52159	0.70	0.274	FP-Diorite contact 3-5% diss py in diorite		
BG10-14	19.00	20.00	B52160	1.00	0.343	3-5% dss mg py		
BG10-14	20.00	20.90	B52161	0.90	6.892	3-5% diss mg py	6.789	6.994
BG10-14	20.90	21.60	B46674	0.70	0.549	1-3% py, Diorite - FP contacts; 15% leuc flecs		
BG10-14	21.60	23.00	B46675	1.40	1.269	1-2% diss py in matrix	1.234	1.303
BG10-14	23.00	23.80	B46676	0.80	0.480	1-3% diss py in matrix		
BG10-14	23.80	24.90	B46677	1.10	0.274	1-3% diss py in matrix		
BG10-14	24.90	25.70	B46678	0.80	5.726	sil alt'd section with qtz vn'ing with 5-7% p	5.280	6.171
BG10-14	25.70	26.20	B46679	0.50	2.229	1-3% diss py in matrix	2.263	2.194
BG10-14	26.20	27.70	B52162	1.50	1.920	infill sample	1.989	1.851
BG10-14	27.70	29.20	B52163	1.50	0.686	infill sample		
BG10-14	29.20	30.50	B52164	1.30	0.069	infill sample		
BG10-14	30.50	31.30	B46680	0.80	0.411	1% diss py		
BG10-14	**31.30**	**32.00**	**B46681**	0.70	6.583	**Dk Qtz Vn with 3-5% py in hairline frac's; dk colour due to mo? Contacts at 30 to 35 deg TC**	6.309	6.857
BG10-14	32.00	33.30	B46682	1.30	0.960	3-5% py in occasional carb vn's		
BG10-14	33.30	34.10	B46683	0.80	0.549	1-3% py		
BG10-14	34.10	35.00	B52165	0.90	1.029	Diorite Bx 1-3% py in few frac's	1.097	0.960
BG10-14	35.00	35.80	B52166	0.80	1.063	Diorite Bx- FP contact few py in 1-2mm frac's	1.097	1.029
BG10-14	35.80	36.60	B52167	0.80	0.343	FP, <1% py		
BG10-14	36.60	38.00	B46684	1.40	0.069	1-2% py; brittle hairline frac'ing		

Hole_ID	From	To	Sample_#	Length	Au ppm	Description	Au ppm_ck	Au ppm-ck2
BG10-14	38.00	38.75	B46686	0.75	0.206	1-2% py in matrix; start of fol'n fabri		
BG10-14	*38.75*	*39.80*	*B46687*	1.05	0.891	*Start of Shear Zone from 38.75 to 40.2m; 3-5% py; Flt gouge at 39.5m; grey-white qtz vn from 39.31 to 39.5m; strong ser+sil+minor fuchsite alt'n*		
BG10-14	*39.80*	*40.50*	*B46688*	0.70	0.960	*as above; at 40.2m start of oxy'd hem alt'n; at 40.3m 5mm wide dk grey vn with 10% py at 50 deg TCA; overall 1-3% py*		
BG10-14	40.50	41.00	B46689	0.50	0.960	1-3% diss py		
BG10-14	41.00	41.60	B46690	0.60	1.440	1-3%diss py with 0.25cm py vn at 41.5m at 20 deg TC	1.440	1.440
BG10-14	41.60	42.30	B46691	0.70	0.960	3-5% diss py in frac's and matrix; 15 to 20% leuc flec		
BG10-14	42.30	43.00	B46692	0.70	<.03	occasional frac-vn py; 1-2% py overa		
BG10-14	43.00	44.00	B46693	1.00	0.069	as above		
BG10-14	44.00	45.20	B46694	1.20	0.343	0 to 5 deg TCA frac's with carb + sil + py; overall 1-3% p		
BG10-14	45.20	46.70	B46695	1.50	0.069	infill sample		
BG10-14	**46.70**	**47.20**	**B46697**	0.50	2.709	**Start of Py + Sil+ Leuc Flec + Oxy'd Hem Zone; 5-7% py overall with 1 cm wide dk grey vm at 25 deg TCA with 60% py**	2.537	2.880
BG10-14	**47.20**	**48.00**	**B46698**	0.80	2.366	**as above but with 10-12% py**	2.331	2.400
BG10-14	**48.00**	**48.70**	**B46700**	0.70	3.257	**20-25% diss py in vn's; strong oxy'd hem + sil alt'n; strong frac'ing with white carb; Flt at 48.6m**	3.154	3.360
BG10-14	48.70	49.10	B46701	0.40	0.549	1-3% py; 5% leuc flecs		
BG10-14	**49.10**	**50.20**	**B46702**	1.10	3.052	**15-20% diss py in vn + frac's; at 49,9m 4 cm wide vn with 75% py at 35 deg TC**	3.017	3.086
BG10-14	50.20	51.00	B46704	0.80	1.372	3-5% py in occasional <1cm carb vn's at 35 deg TCA; 5-10% spotty leuc flec	1.303	1.440
BG10-14	51.00	51.80	B46705	0.80	0.411	as above		
BG10-14	51.80	52.50	B46706	0.70	2.914	as above	3.017	2.811
BG10-14	52.50	53.70	B46707	1.20	<.03	1-2% diss py		
BG10-14	53.70	54.30	B46708	0.60	<.03	1% diss py		
BG10-14	54.30	55.30	B46709	1.00	1.234	3-5% diss py in vn-frac's at 45 to 55 deg TC	1.234	1.234
BG10-14	55.30	56.40	B46710	1.10	0.823	1-3% py in irregular vn'ing and frac's; 3cm wide calcite vn at 20 deg TC		
BG10-14	56.40	57.90	B52168	1.50	0.549	infill sample		
BG10-14	57.90	59.00	B52169	1.10	0.137	infill sample		
BG10-14	59.00	59.70	B46711	0.70	<.03	<1% py		
BG10-14	59.70	60.60	B46712	0.90	1.680	59.7 to 60m 5-7% diss py; 60 to 60.3m 5-8% fg py+oxy'd hem+frac's with p	1.851	1.509
BG10-14	60.60	61.10	B46714	0.50	0.069	1% py in hairline frac's		
BG10-14	61.10	62.90	B52170	1.80	<.03	infill sample		
BG10-14	62.90	63.40	B46716	0.50	0.069	<1% py		
BG10-14	**63.40**	**64.20**	**B46717**	0.80	3.086	**8-10% fg diss py from 63.5 to 63.8m with sil+carb+ch**	3.017	3.154
BG10-14	64.20	64.70	B46718	0.50	<.03	3-5% diss py subhedral to anhedra		
BG10-14	**64.70**	**65.50**	**B46719**	0.80	3.052	**64.8 to 65.4m 10-15% fg diss py with strng sil+ch**	3.017	3.086
BG10-14	65.50	66.00	B46720	0.50	<.03	<1% py		
BG10-14	66.00	67.30	B52171	1.30	<.03	infill sample		
BG10-14	67.30	68.20	B46721	0.90	<.03	10-15% leuc flecs+1-3% diss py near and up to FP contact; in FP qtz vn'ing at 65 to 75 deg TC		
BG10-14	68.20	69.00	B46722	0.80	<.03	<1% py with late opaque qtz vn'ing sometimes with b		
BG10-14	69.00	69.90	B46723	0.90	2.640	diorite with 15-20% leuc flecs; 3-5% py	2.469	2.811
BG10-14	69.90	71.00	B52172	1.10	<.03	infill sample		
BG10-14	71.00	71.90	B52173	0.90	<.03	infill sample		
BG10-14	71.90	73.40	B46724	1.50	<.03	1-2% py		
BG10-14	76.80	77.30	B46725	0.50	<.03	1% py; in non penetrative hairline frac'		

Hole_ID	From	To	Sample_#	Length	Au ppm	Description	Au ppm_ck	Au ppm-ck2
BG10-14	77.30	78.00	B46726	0.70	<.03	3-5% diss py in frac's; 10-15% leuc flecs; Flt at 77.8 to 77.9 at 75 deg TCA with qtz+magnetite+c		
BG10-15	7.80	8.70	B46610	0.90	0.069	3-5% py; wkly frac'd section; fg py in frac's; leuc flecs		
BG10-15	8.70	9.20	B46611	0.50	<.03	1% py overall in one frac		
BG10-15	9.20	9.90	B46612	0.70	<.03	<1% py, infill		
BG10-15	*9.90*	*10.60*	*B46614*	0.70	1.406	*flt from 10 to 10.23m with 3-7% py + leuc flecs+ sil at 50 deg TCA*	1.303	1.509
BG10-15	10.60	11.20	B46615	0.60	0.206	1-2% py		
BG10-15	*11.20*	*12.30*	*B46616*	1.10	1.235	*1-3% diss py in frac's and in matrix; 10-15% leuc flecs + perv epi alt'n*	1.303	1.166
BG10-15	*12.30*	*13.40*	*B46617*	1.10	3.883	*12.7 to 12.8m 20-25% fg diss py in frac's + vn's at 35 to 40 deg TCA; overall 5-8% diss py in multiple frac's <3mm wide; leuc flecs+ perv epi alt'n*	4.406	3.36
BG10-15	*13.40*	*14.40*	*B46619*	1.00	3.394	*5-7% diss py in frac's; leuc flecs + epi alt'n end at 14.4m*	3.497	3.291
BG10-15	*14.40*	*15.50*	*B52174*	*1.10*	0.754	*infill sample*		
BG10-15	***15.50***	***16.30***	***B46620***	**0.80**	**6.103**	***5-7% diss py in frac's; leuc flecs + epi alt'n; dk grey sil vn at 16m <0.5cm wide at 45 deg TCA***	**6.651**	**5.554**
BG10-15	*16.30*	*17.30*	*B52175*	*1.00*	0.823	*infill sample*		
BG10-15	17.30	18.00	B46621	0.70	1.063	1-3% py overall; at 17.4m 3mm wide vn with py; wk leuc flecs + perv epi alt'n; cpy splash in 0 deg TCA la qtz+carb vn <1cm wide	1.303	0.823
BG10-15	18.00	18.50	B46622	0.50	<.03	infill sample		
BG10-15	*18.50*	*19.50*	*B46623*	1.00	1.646	*3-5% py in multiple frac's at 45 to 60 deg TCA; 10-15% leuc flecs+epi alt'n*	1.714	1.577
BG10-15	*19.50*	*20.50*	*B46624*	1.00	0.960	*3-5% diss py in occasional frac- vn's; 10-15% leuc flecs + spotty epi alt'n*		
BG10-15	*20.50*	*21.20*	*B46625*	0.70	1.029	*as above; 1 cm dk grey qtz vn at 21.08m at 45 deg TCA*		
BG10-15	*21.20*	*22.10*	*B46626*	0.90	1.029	*as above*		
BG10-15	*22.10*	*22.90*	*B46627*	0.80	0.549	*3-5% diss py in multpile 1mm frac's at 50 to 60 deg TCA*		
BG10-15	***22.90***	***23.90***	***B46628***	1.00	**0.891**	***5-7% py in multpile vns at 25 to 45 deg TCA 0.5 to 1 cm wide; leuc flecs***		
BG10-15	***23.90***	***24.50***	***B46630***	0.60	**0.617**	***7-10% py in frac + vns; some dk grey sil (mo content?); perv chl+ leuc flecs***		
BG10-15	***24.50***	***25.10***	***B46631***	**0.60**	**74.572**	***7-10% py in frac's + strong perv sil + leuc flecs; 24.91 to 25.1 dk grey qtz vn with mo + fine visible gol flecs***	**63.429**	**85.715**
BG10-15	***25.10***	***26.00***	***B46633***	**0.90**	**13.989**	***7-10% py in frac's + vns; with 2 cm wide dk grey qtz vn'ing at margins of 13 cm wide calcite+qtz vn+b (probable Flt) at 40 to 45 deg TCA; other late qyz+carb vn'ing at 25.6 to 25,7m***	**16.046**	**11.932**
BG10-15	*26.00*	*26.70*	*B46634*	0.70	0.343	*1-3% diss py in frac's*		
BG10-15	*26.70*	*27.40*	*B46635*	0.70	1.818	*at 27.15m 3 cm wide dk grey vn at 55 deg TCA with py and py at margins; overall 1-3% py*	1.989	1.646
BG10-15	*27.40*	*27.90*	*B46636*	0.50	0.754	*1-3% diss py in hairline frac,s*		
BG10-15	*27.90*	*28.60*	*B46637*	0.70	1.474	*3-5% fg diss py in frac,s; 3cm wide qtz+chl+calcite vn at 40 deg TCA;*	1.371	1.577
BG10-15	28.60	30.00	B46638	1.40	0.206	1-2% py in hairline frac,s		
BG10-15	30.00	31.50	B52176	1.50	<.03	infill sampling		
BG10-15	31.50	32.50	B52177	1.00	<.03	infill sampling		
BG10-15	32.50	33.50	B52178	1.00	<.03	infill sampling		
BG10-15	33.50	34.80	B52179	1.30	<.03	infill sampling		
BG10-15	34.80	35.40	B46639	0.60	0.480	at 35 m py+ leuc+qtz vn at 55 deg TCA; dk sil vn		
BG10-15	35.40	36.50	B52180	1.10	0.137	infill sampling		
BG10-15	36.50	37.90	B52181	1.40	<.03	infill sampling		
BG10-15	37.90	38.60	B46640	0.70	<.03	4cm wide weak epi halo at 37.9 m on a frac; <5% 2 to 4mm qtz+carb vn's at 55 to 60 deg TCA		
BG10-15	38.60	39.20	B46641	0.60	0.069	1-2% diss fg py in matrix; 3cm wide carb vn at 38.6m at 55 to 65 deg TCA		

Hole_ID	From	To	Sample_#	Length	Au ppm	Description	Au ppm_ck	Au ppm-ck2
BG10-15	**39.20**	**40.00**	**B46642**	0.80	0.686	**39.2 to 42.2m Py + Brittle Shear+ Leuc Flecs + Oxy'd Hem Zone at Diorite - FP Contact, Diorite sections with mutliple frac's-vn's with grey carb+ 3-8% diss fg to mg py at 55 to 70 deg TCA, especially between 39.2 to 39.5 and 39.75 to 40m; FP multiple 80% py frac's+vn's ranging from 2mm to 3 cm at 25 to 70 deg TCA, overall py ranging from 7-25%, especially from 40.9 to 41.8m with perv hem oxy'd alt'n**		
BG10-15	**40.00**	**40.70**	**B46643**	0.70	0.411	**as above**		
BG10-15	**40.70**	**41.50**	**B46644**	0.80	1.337	**as above**	1.440	1.234
BG10-15	**41.50**	**42.20**	**B46646**	0.70	1.269	**as above**	1.166	1.371
BG10-15	42.20	43.00	B46647	0.80	<.03	2mm py vn at 42.5m and 3-5% diss py in matrix and along some minor slips		
BG10-15	43.00	43.80	B46648	0.80	0.549	1-3% py in matrix; minor frac'ing		
BG10-15	43.80	45.30	B52182	1.50	<.03	infill sample FP		
BG10-15	45.30	46.80	B52183	1.50	0.069	infill sample FP		
BG10-15	46.80	48.00	B52184	1.20	0.206	infill sample FP		
BG10-15	48.00	49.50	B52185	1.50	0.343	infill sample FP		
BG10-15	49.50	51.00	B52186	1.50	0.137	infill sample FP		
BG10-15	51.00	52.50	B52187	1.50	0.343	infill sample FP		
BG10-15	52.50	54.10	B52188	1.60	0.137	infill sample FP		
BG10-15	54.10	54.60	B46650	0.50	<.03	15% multiple late bull white qtz+calcite vn's at 75 to 85 deg TCA; weak perv oxy'd hem alt'n		
BG10-15	54.60	55.20	B46651	0.60	<.03	as above but 10% vn'ing		
BG10-15	55.20	56.20	B46652	1.00	0.823	Flt at 0 deg TCA, <2mm wide		
BG10-15	56.20	56.70	B46653	0.50	0.480	at 56.45m hairline frac'ing with white opaque qtz + 3-7% fg py + oxy'd hem alt'n halo		
BG10-15	56.70	58.00	B52189	1.30	0.137	infill sample FP		
BG10-15	58.00	58.90	B52190	0.90	0.206	infill sample FP		
BG10-15	58.90	59.80	B52191	0.90	0.137	infill sample FP		
BG10-15	59.80	60.50	B52192	0.70	0.206	infill sample FP		
BG10-15	60.50	61.60	B52193	1.10	0.069	infill sample FP		
BG10-15	61.60	63.00	B52194	1.40	0.343	infill sample FP		
BG10-15	63.00	64.50	B52195	1.50	0.343	infill sample FP		
BG10-15	64.50	65.80	B52196	1.30	0.343	infill sample FP		
BG10-15	65.80	66.40	B46654	0.60	0.823	66 to 66.1m frac'ing with chl+carb+1-2% diss py		
BG10-15	66.40	67.10	B52197	0.70	0.069	infill sample FP		
BG10-15	71.80	72.30	B46655	0.50	<.03	20% late qtz+calcite white pink vn'ing up to 3cm wide at 30 deg TCA; hairline frac with cpy		
BG10-15	78.50	79.00	B46656	0.50	0.549	1cm wide qtz vn with 25% py		
BG10-16	6.00	6.90	B46546	0.90	0.206	1-3% py between 6.7 to 6.8m with leuc flecs + epi; overall <1%		
BG10-16	6.90	7.50	B46548	0.60	0.823	7 to 7.1m two py vn's 1.5 cm wide with magnetite; 2-5% leuc flecs		
BG10-16	7.50	8.70	B46549	1.20	0.069	1% py; strong magnetite in blebs; 5-10% leuc flecs		
BG10-16	8.70	9.60	B46550	0.90	0.411	less leuc flecs;		
BG10-16	9.60	10.60	B46551	1.00	<.03	infill sample; strng magnetite vn'ing		
BG10-16	10.60	11.30	B46552	0.70	0.069	as above		
BG10-16	11.30	11.80	B46553	0.50	0.069	weak local shears with leuc flecs and py; overall 1-3% py		

Hole_ID	From	To	Sample_#	Length	Au ppm	Description	Au ppm_ck	Au ppm-ck2
BG10-16	11.80	12.40	B46554	0.60	1.612	11.8 to 13.4m Shear+Sil+Chl+Py Zone; weakly sheared with chl+fg py in frac's at 55 to 60 deg TCA; 10-25% light grey irregular carb vn'ing; 5-10% diss anhedral - subhedral py	1.646	1.577
BG10-16	12.40	13.00	B46555	0.60	3.703	as described above in 11.8 to 12.4m	3.429	3.977
BG10-16	13.00	13.60	B46557	0.60	3.257	as described above in 11.8 to 12.4m; end of weak shear + alt'n	3.771	2.743
BG10-16	13.60	14.50	B46558	0.90	0.274	unaltered section between shear alt'd zones		
BG10-16	*14.50*	*15.20*	*B46559*	0.70	1.269	*14.5 to 16.9m Shear + Sil+Chl+Py Zone; mod frac's with 5-10% py in slips & frac's and py in carb vn's at 20 to 40 deg TCA*	1.303	1.234
BG10-16	*15.20*	*16.00*	*B46560*	0.80	2.812	*as described in 14.5 to 15.2m*	2.743	2.88
BG10-16	***16.00***	***16.90***	***B46561***	**0.90**	**11.589**	***as described in 14.5 to 15.2m***	**11.52**	**11.657**
BG10-16	16.90	18.00	B46562	1.10	1.612	two 3 cm sections with epi+carb+leuc flec halo around frac with py; overall 1% py	1.577	1.646
BG10-16	**18.00**	**18.50**	**B46563**	**0.50**	**31.029**	**mod dk grey sil vn's with carb vn's + epi + chl alt'n & leuc flecs; 5-7% py**	**28.732**	**33.326**
BG10-16	18.50	20.00	B46564	1.50	0.069	infill sample; unaltered + magnetite		
BG10-16	20.00	21.50	B46565	1.50	<.03	infill sample; unaltered + magnetite		
BG10-16	21.50	23.00	B46566	1.50	<.03	1-3% py in random frac's <0.5cm wide		
BG10-16	23.00	23.50	B46567	0.50	0.137	as above		
BG10-16	*23.50*	*24.00*	*B46569*	0.50	5.657	*23.5 to 26.4m Weak Shear + Sil+ Chl+ leuc flecs+ Py Zone, random dk grey sil qtz vn's at 20 to 40 deg TCA and < 1cm in width, 3-12% anhedral - subhedral diss py along frac's and on vn margins, 20 to 40 deg TCA, 15 to 30% leuc flecs*	5.691	5.623
BG10-16	*24.00*	*24.50*	*B46570*	0.50	1.303	*as described above; weaker unaltered section with 1-3% py*	1.166	1.440
BG10-16	*24.50*	*25.00*	*B46571*	0.50	1.989	*as described above*	1.989	1.989
BG10-16	*25.00*	*25.80*	*B46572*	0.80	2.640	*as described above*	2.606	2.674
BG10-16	***25.80***	***26.60***	***B46573***	**0.80**	**10.320**	***as described above; end of Shear + Alt'n; 26.2 to 26.4m 90% qtz+calcite + bx vn adjacent to probable Flt***	**10.354**	**10.286**
BG10-16	26.60	27.30	B46575	0.70	0.069	weak alt'n; less leuc flecs; 1% py		
BG10-16	27.30	28.30	B46576	1.00	0.480	27.35 to 27.5m 1cm dk grey sil vn with 7-10% fg py + leuc flecs + chl; remainder of sample unaltered		
BG10-16	*28.30*	*28.80*	*B46577*	0.50	0.343	*28.3 to 29.4m Weak Shear + Leuc Flecs + Chl + Py, frac - slips at 25 to 40 deg TCA, 5-7% diss py in frac's and in matrix, 29.1m Flt at 35 deg TCA*		
BG10-16	*28.80*	*29.50*	*B46578*	0.70	0.480	*as described above*		
BG10-16	29.50	30.10	B46579	0.60	<.03	30 to 30.1m 3-5% fg py in frac's with carb vnlet at 60 to 65 deg TCA, leuc flecs		
BG10-16	30.10	31.30	B46580	1.20	<.03	infill sample; <1% py		
BG10-16	31.30	32.00	B46581	0.70	0.274	weak fracture zone from 31.3 to 32.8m, with epi + carb+ py in fra 's; overall 3-5% py; 5% late opaque carb vn's		
BG10-16	32.00	32.60	B46582	0.60	0.206	as described above		
BG10-16	32.60	33.10	B46583	0.50	<.03	as described above		
BG10-16	33.10	34.50	B52146	1.40	<.03			
BG10-16	34.50	35.40	B52147	0.90	0.069			
BG10-16	35.40	36.00	B46584	0.60	<.03	1-2% py in one frac at 35.7m 4mm wide; 1cm qtz+epi+calcite vn at 35.7m		
BG10-16	36.00	37.10	B52148	1.10	<.03			
BG10-16	37.10	38.30	B52149	1.20	<.03			
BG10-16	38.30	39.00	B46585	0.70	0.891	3-5%py in frac's at 50 to 75 deg TCA, 15-25% leuc flecs+perv chl+ 1cm dk grey sil vn		
BG10-16	39.00	39.60	B46586	0.60	0.617	multiple slips at 75 to 90 deg TCA; 1-3% py in hairline frac's; leuc flecs		

Hole_ID	From	To	Sample_#	Length	Au ppm	Description	Au ppm_ck	Au ppm-ck2
BG10-16	39.60	41.00	B52150	1.40	<.03			
BG10-16	41.00	41.60	B46588	0.60	1.269	weak frac zone with sil + 3-5% fg py in frac's	1.097	1.440
BG10-16	41.60	42.60	B52151	1.00	<.03			
BG10-16	42.60	43.70	B52152	1.10	<.03			
BG10-16	43.70	44.50	B46589	0.80	0.069	late flt from 43.7 to 44.2 at 5 deg TCA; <1% py		
BG10-16	44.50	45.20	B46590	0.70	0.274	on perimeter of upcoming shear zone; random frac's with py; 15% leuc flecs, perv chl		
BG10-16	**45.20**	**46.00**	**B46591**	0.80	0.754	**45.2 to 48.3m, MH Zone Shear Sil+ Chl + Leuc Flecs + Py + Blue Qtz (mo) penetrative frac's with chl+py increasing sil after 46m with 7-12% diss fg py, after 46.9 to 47.8m blue qtz with 25% diss py overall contained in 3 to 6 cm bands, after 47.8m 7-12% py in frac's in FP**		
BG10-16	**46.00**	**46.80**	**B46592**	0.80	0.891	**as described above;**		
BG10-16	**46.80**	**47.40**	**B46593**	0.60	**8.023**	**as described above;**	7.680	8.366
BG10-16	**47.40**	**48.30**	**B46594**	0.90	**4.354**	**as described above;**	4.251	4.457
BG10-16	48.30	49.00	B46596	0.70	0.343	random hairline frac's with py; overall 1-3% p		
BG10-16	49.00	49.80	B46597	0.80	0.480	as above		
BG10-16	49.80	51.00	B46598	1.20	0.069	<1% py; unaltered; out of penetrative shear fracturing		
BG10-16	51.00	52.60	B52153	1.60	<.03			
BG10-16	52.60	53.10	B46599	0.50	0.137	at 52.7m 1 cm wide carb+qtz vn at 60 deg TCA with py; overall 3-5% diss py in matrix		
BG10-16	53.10	53.80	B46600	0.70	0.069	3-5% diss py in matrix; at 53.6m 2mm frac with py		
BG10-16	53.80	54.60	B46601	0.80	0.206	1-2% diss py; 54.5 m 45 deg TCA 0.5 and 1.5 cm wide qtz vn along slips		
BG10-16	54.60	55.50	B52154	0.90	<.03			
BG10-16	55.50	56.20	B46602	0.70	<.03	slips and wk vn'ing at 20 to 40 deg TCA		
BG10-16	56.20	57.20	B46603	1.00	0.343	two qtz + calcite vn's at 56.3m and 56.6m both 1.5 cm wide with variable py on margins		
BG10-16	57.20	58.00	B46604	0.80	0.754	at 57.7m 0.5cm py vn at 20 deg TCA		
BG10-16	58.00	59.40	B52155	1.40	0.206			
BG10-16	59.40	60.00	B46605	0.60	0.274	59.7 to 59.9m wk brittle frac'ing with fg py; overall 3-5% py & 5% qtz+calcite vn'ing		
BG10-16	60.00	61.00	B52156	1.00	<.03			
BG10-16	61.80	62.80	B46606	1.00	0.274	61.8 to 62.3m 0 deg frac with qtz + py 1mm wide and flt at 62.77m at 75 deg TCA		
BG10-16	66.50	67.10	B46607	0.60	0.274	66.9m 5cm qtz+calcite vn with splash cpy		
BG10-16	78.60	79.40	B46608	0.80	0.891	wk brittle frac'ing with sil alt'n; two 2mm wide frac's with py+qtz		
BG10-16	79.40	80.00	B46609	0.60	0.686	weak localized shear from 79.4 to 79.8m at 35 to 50 deg TCA with sil+weak ser alt'n 1-3% diss py		
BG10-17	3.65	4.50	B47650	0.85	<.03	1/8" chl-carb slip@37 w slicks; 1/2" sil'd w 20% cse py @4		
BG10-17	16.90	18.00	B47651	1.10	<.03	ct; 1/8" 50% cse py vn@32 in 1" bl'		
BG10-17	18.00	18.90	B47652	0.90	0.274	0.2m sil'd, chl'c w 10% cse+ f d py imm foll by 0.25m hily bl'd buff w sil'n @46 w 5% f d p		
BG10-17	18.90	20.00	B47653	1.10	<.03	0.5m 30% q-ank+ 5-10% cse d py@52; c		
BG10-17	20.00	21.00	B47654	1.00	<.03			
BG10-17	21.00	22.05	B47655	1.05	<.03	3* 1/8" chl-sil vn's w 15% cse d py@4		
BG10-17	22.05	22.80	B47656	0.75	<.03	1" q-ank-chl @10+55 w 20% cse d p		
BG10-17	22.80	23.65	B47657	0.85	3.703	1/4" q-ank vn w 20% chl+10% cse d py@25; ct w 1/4" sil'n w 5% cse d p	2.743	4.663
BG10-17	23.65	24.80	B47658	1.15	<.03	5-8% cse d py		
BG10-17	24.80	25.65	B47659	0.85	<.03	50% bl'd buff w 1/8" 50% cse py vn@4		
BG10-17	25.65	26.80	B47660	1.15	0.069	all hily bl'd; 2* 0.1m hily sil'd w chl+5% cse d p		
BG10-17	26.80	27.90	B47661	1.10	0.069	ct w 1/8" disc 30% cse py vn@2		

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BG10-17	27.90	28.65	B47662	0.75	3.840	0.25m 80% cse py vn@38 w 10% qtz+5% med gy sil-chl w 10% f d p	3.360	4.320
BG10-17	28.65	29.95	B47664	1.30	<.03	8% q-ank @35+140 to 1'		
BG10-17	29.95	31.05	B47665	1.10	<.03	5% q-ank@5		
BG10-17	31.05	32.10	B47666	1.05	<.03	wy hem'd; 30% q-ank@5-35 w rare py; buff dyke?w 1/4" sil'd w 5% f d p		
BG10-17	32.10	33.25	B47667	1.15	0.069	3% q-ank; 0.3m w 10% cse clots py to 1/2" gen@24 cut by q-ank@14		
BG10-17	33.25	34.25	B47668	1.00	<.03	10% q-ank		
BG10-17	34.25	35.30	B47669	1.05	<.03			
BG10-17	35.30	36.10	B47670	0.80	<.03	3* 1/8" 50% cse py vn's@45-60		
BG10-17	36.10	37.05	B47672	0.95	<.03	60% massive q-ank vn's w rare f d p		
BG10-17	37.05	37.70	B47673	0.65	<.03	80% massive q-ank w 3% cse d py; hem'd wy 20% wallrock ang frag		
BG10-17	37.70	39.00	B47674	1.30	<.03	hily bl'd reaching into blob of unalt'd qtz-rich dyke along fract's@80; 0.25m mody hem'd w 40% q-a		
BG10-17	39.00	39.80	B47675	0.80	<.03	hily bl'd dyke to ct; 5% cse+5% f d py in cong-hem'd frag'		
BG10-17	39.80	40.95	B47676	1.15	0.206	v hily sil'd; 3% f d py; 10% q-ank @30-45		
BG10-17	40.95	42.00	B47677	1.05	<.03			
BG10-17	42.00	42.85	B47678	0.85	<.03	5% q-ank		
BG10-17	42.85	44.25	B47679	1.40	<.03	1/8" 30% cse py vn@35; ct; 1" sild w 2% f d py@35		
BG10-17	44.25	45.00	B47680	0.75	0.069	70% hily sil'd w 3% f d py; 5% q-ank @25		
BG10-17	45.00	46.50	B47681	1.50	0.069	3/4" q-ank-chl w 20% f d py@18-turns to 150 w 5% cse d p		
BG10-17	46.50	47.80	B47682	1.30	0.069	bl'd w 5% q-ank		
BG10-17	47.80	48.60	B47683	0.80	<.03	wy sil'd w 2% cse d py+5% q-anl		
BG10-17	48.60	50.10	B47684	1.50	<.03			
BG10-17	50.10	51.15	B47685	1.05	0.617	0.1m hily sil'd w 20%cse+10% f d py@56+ w 30% q-an		
BG10-17	51.15	52.50	B47687	1.35	<.03			
BG10-17	52.50	54.00	B47688	1.50	0.137	1/4" 70% cse py vn@52 in hily bl'c		
BG10-17	54.00	55.50	B47689	1.50	0.274	5% wy sil'd along chl fract's@36+61 w 2% f d py;0.1m wy sil'd w3% f+10% cse d py; chl flt as shims w 2% f py		
BG10-17	55.50	57.00	B47690	1.50	<.03			
BG10-17	57.00	58.50	B47691	1.50	<.03	10% sil'd clots+5% cse d py		
BG10-17	58.50	60.00	B47692	1.50	0.069			
BG10-17	60.00	60.70	B47693	0.70	<.03			
BG10-17	60.70	61.80	B47694	1.10	<.03			
BG10-17	61.80	62.50	B47695	0.70	1.680	v hily sil'd w 5% f+cse d py; 30% 1/4"-3/4" dull wt qv's w 5% f d py @5	1.783	1.577
BG10-17	62.50	63.30	B47696	0.80	3.223	40% 60% cse py vn's @52 w 15% med gy qtz frag's in ser-chl hily bl'd zor	3.291	3.154
BG10-17	63.30	64.25	B47698	0.95	<.03	fresher-gn		
BG10-17	64.25	65.00	B47699	0.75	<.03	fresher-gn; 2* 1/4" 70% cse py vn@52+12(		
BG10-17	65.00	66.00	B47701	1.00	<.03	3* 1/8" sil'd w 8% cse py@68-90		
BG10-17	66.00	67.25	B47702	1.25	0.069	wy bl'd; 5% cse clot py		
BG10-17	67.25	68.00	B47703	0.75	0.069	hily bl'd, mody sil'd w 0.15m 10% cse d py@3		
BG10-17	68.00	69.00	B47704	1.00	<.03	5% cse py in vn's assd w q-ank@42; hily bl'c		
BG10-17	69.00	70.25	B47705	1.25	<.03	5% cse py in vn's assd w q-ank@42; hily bl'c		
BG10-17	70.25	71.00	B47706	0.75	<.03	hily bl'd; 10% q-ank; 6% cse d py assd w wy sil'		
BG10-17	71.00	72.25	B47707	1.25	0.069	10% q-ank; hily bl'c		
BG10-17	72.25	73.50	B47708	1.25	<.03	5% q-ank; 60% hily bl'd; 0.15m buff aph altn/dyke?@34 imm prec by 0.1m 10% clot cse p		
BG10-17	73.50	74.70	B47709	1.20	<.03			
BG10-17	74.70	75.70	B47710	1.00	0.069	0.05m 40% cse py vn@27 in ank in 0.1m bl'c		

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BG10-17	75.70	76.55	B47711	0.85	0.274	0.15m hily bl'd, mody sil'd@43 w 15% cse+10% f d py assd w chl-s		
BG10-17	76.55	78.00	B47713	1.45	0.343	0.15m buff aph altn/dyke?@38; 5% q-anl		
BG10-17	78.00	78.95	B47714	0.95	0.480	10% q-ank; hily bl'd; 2* 0.1m hily sil'd w 30% cse d py+vn py@48-mauve; x-cut by q-a		
BG10-17	78.95	80.35	B47715	1.40	<.03	20% q-ank@35 gen; hily bl'(		
BG10-17	80.35	81.00	B47716	0.65	<.03	0.1m q-qank vn w 2% f d py assd w chl@56 ends bl'(		
BG10-17	81.00	82.20	B47717	1.20	<.03			
BG10-17	89.00	90.00	B47718	1.00	<.03	0.1m q-ank in 0.2m wy bl'(		
BG10-17	90.00	91.00	B47719	1.00	<.03	1" 25% cse py vn@38; 0.2m bl'd mod'		
BG10-17	91.00	91.90	B47720	0.90	<.03	40% bl'd; 1/2" 50% cse py vn@5<		
BG10-17	91.90	93.00	B47721	1.10	<.03	1/8" 60% cse py vn@31		
BG10-17	93.00	94.00	B47722	1.00	<.03			
BG10-17	94.00	95.25	B47723	1.25	0.206	br-reddish posy sy or wy hem'd w 2% cse d py@3		
BG10-17	95.25	96.50	B47724	1.25	<.03	wy hem'd-bı		
BG10-17	96.50	98.10	B47725	1.60	<.03	3% cse d py		
BG10-17	98.10	99.00	B47726	0.90	<.03	hily bl'd+ mody sil'd@38; 3% cse d py in 0.2m peak alt'n w 1/4" pa gy qv well min'd w 10% f d		
BG10-17	99.00	99.85	B47728	0.85	<.03			
BG10-17	105.00	106.20	B47729	1.20	<.03	5% q-ank; hily bl'd locy		
BG10-17	117.10	118.20	B47731	1.10	<.03	5% q-ank; hily bl'd locy; 0.15m 30% clots cse py@22+5		
BG10-17	118.20	119.15	B47732	0.95	0.754	peak altn w v hily almost chty sil pa gy w 30% cse py vn's to 1"@20+ some that doesn't cross core assd w (sil		
BG10-17	119.15	120.00	B47734	0.85	0.069			
BG10-17	120.00	121.40	B47735	1.40	0.069	locy hily bl'd w 5% cse d+vn py@26+4(		
BG10-17	126.10	127.10	B47736	1.00	<.03	1/2" q-ank vn w 8% cse d py@1(		
BG10-17	127.10	128.50	B47737	1.40	<.03			
BG10-17	128.50	129.10	B47738	0.60	<.03	flt imm prec by 0.1m hily bl'd+sil'd+30% q-ank+2% cse d p		
BG10-17	132.00	133.50	B47739	1.50	<.03	2* 1/8"30% cse py vn's@52+2E		
BG10-17	133.50	134.60	B47740	1.10	<.03	3* 1/8" 30% cse py vn's@2E		
BG10-17	134.60	136.10	B47741	1.50	0.069	3* 1/8" 30% cse py vn's@49+22		
BG10-17	136.10	137.35	B47742	1.25	<.03	1/4"50% cse py vn@45		
BG10-17	137.35	138.85	B47743	1.50	<.03			
BG10-17	142.70	143.35	B47744	0.65	<.03	0.05m q-ank@46 in BC-could be sh		
BG10-17	153.50	154.20	B47745	0.70	<.03	bl'd mody@74; 0.1m q-ank@33 w 3% cse d p'		
BG10-17	162.50	164.15	B47746	1.65	<.03	1/4" q-ank-chl vn w 5% cse d py@2E		
BG10-17	164.15	165.15	B47747	1.00	<.03	1/2" q-ank vn w 5% spec+2% cse d py imm foll by 0.1m br hily sil'd-all@E		
BG10-17	165.15	166.50	B47748	1.35	<.03	flt in BC		
BG10-17	178.00	179.55	B47750	1.55	<.03	tuff; 20% q-ank		
BG10-17	189.25	190.00	B47751	0.75	<.03	0.15m hily bl'd ser-chl w 20%q-ank-all@62; could be wk sh		
BG10-17	205.90	207.00	B47752	1.10	<.03	10% q-ank@31		
BG10-17	214.05	215.05	B47753	1.00	0.069	pur; ct @58-por dyke?imm foll by bl'd mody ser-cl		
BG10-17	215.05	216.60	B47754	1.55	<.03	ser-chl-ank wy bl'd w 2% cse d py+10% q-ank to 1		
BG10-17	216.60	218.10	B47755	1.50	<.03			
BG10-17	218.10	218.65	B47756	0.55	1.235	0.1m 30% cse py vn's to 1/2" in hily bl'd, wy sil'd @35; mauv	1.440	1.029
BG10-17	218.65	219.55	B47758	0.90	0.069			
BG10-17	222.00	222.80	B47759	0.80	1.166		1.371	0.960
BG10-17	222.80	223.60	B47760	0.80	0.069	1" mody sil'd w 8% cse d py@51; 0.1m hily bl'd @81 w 30% q-an		

Hole_ID	From	To	Sample_#	Length	Au ppm	Description	Au ppm_ck	Au ppm-ck2
BG10-17	223.60	224.35	B47761	0.75	<.03	5% q-ank		
BG10-17	236.20	237.90	B47762	1.70	<.03			
BG10-17	239.20	239.95	B47763	0.75	0.069	bl'd; 5% q-ank		
BG10-17	245.50	246.50	B47764	1.00	0.206	bl'd; 5% spec; 2% pink carb; @4		
BG10-17	246.50	247.60	B47765	1.10	0.069	2* 0.05m bl'd buff w 3% cse d py@5		
BG10-17	247.60	248.30	B47766	0.70	<.03	3% q-ank		
BG10-17	256.00	257.50	B47767	1.50	<.03	3% q-ank@70		
BG10-17	267.25	268.00	B47768	0.75	<.03	0.05m q-ank-chl vn @45 w rare f d p		
BG10-17	271.55	272.80	B47769	1.25	0.137	10% 1/8" pk q-carb vn's w 3% cp@20 in wy hem'd pc		
BG10-17	281.90	282.60	B47770	0.70	0.891	10% q-ank; 0.15m bl'd serchl-ank w 3% cse+3% f d py@58+ w 1/4" pa gy c		
BG10-17	284.60	285.85	B47771	1.25	0.069	hily bl'd w 4-5% cse d py; 5% q-ank; bl'd c		
BG10-17	287.50	288.30	B47773	0.80	<.03	locy bl'd		
BG10-17	288.30	289.80	B47774	1.50	<.03			
BG10-17	289.80	291.00	B47775	1.20	0.206	locy bl'd		
BG10-17	291.00	292.50	B47776	1.50	<.03	locy bl'd		
BG10-17	292.50	294.00	B47777	1.50	<.03	locy bl'd		
BG10-17	294.00	295.50	B47778	1.50	0.206	slip; 5% q-ank; ct; locy bl'c		
BG10-17	295.50	297.00	B47779	1.50	0.069	locy bl'd; 3% q-ank		
BG10-17	297.00	298.50	B47780	1.50	<.03	bl'd; 5% q-ank		
BG10-17	298.50	300.00	B47781	1.50	0.137			
BG10-17	300.00	301.50	B47782	1.50	0.069	wy hem'd; 5% q-ank; 1% f d p		
BG10-17	301.50	303.00	B47783	1.50	<.03	diorite		
BG10-17	303.00	304.65	B47784	1.65	<.03	bl'd		
BG10-17	304.65	305.25	B47785	0.60	2.263	flt imm foll by 0.1m pa gy qv w 2% f d py, shr'd; ser-chl w 10% q-ank; 0.1m wy hem'd w 20% f+20% cse py@54	2.263	2.263
BG10-17	305.25	306.40	B47786	1.15	0.411	mottled; 50% pur-gy w 20% q-anl		
BG10-17	306.40	307.40	B47787	1.00	0.411	0.2m hily bl'd buff imm prec by 0.15m q-ank w 15% cse bleb py+3% cp@2		
BG10-17	307.40	308.65	B47788	1.25	0.069			
BG10-17	308.65	309.90	B47789	1.25	0.069	bl'd		
BG10-17	309.90	310.85	B47790	0.95	0.549	ct-bx'd; 3% f+cse d py; 3% q-ank		
BG10-17	310.85	312.00	B47791	1.15	0.960	0.15m ser'd hily w 5-8% f d py@35 x-cuts 3% q-an		
BG10-17	312.00	313.10	B47792	1.10	0.274	3% med gy q frag's+ 1/8" str's@63 w 2% f d py; 10% q-an		
BG10-17	313.10	313.85	B47793	0.75	0.960	10% med gy q frag's+ 1/8"-1/4" str's@63-90 w 2% f d py; 10% q-ank; 0.2m hily sil'd+wy ser		
BG10-17	313.85	314.65	B47794	0.80	0.411	3% med gy q frag's+ 1/8" str's@63 w 2% f d py; 15% q-ank x-cut qt		
BG10-17	314.65	315.60	B47795	0.95	0.137	1% med gy q frag's+ 1/8" str's@63 w 2% f d py; 10% q-an		
BG10-17	315.60	316.70	B47796	1.10	0.137	1% med gy q frag's+ 1/8" str's@63 w 2% f d py; 10% q-an		
BG10-17	316.70	317.40	B47797	0.70	0.686	1% med gy q frag's+ 1/8" str's@63 w 2% f d py; 10% q-an		
BG10-17	317.40	318.60	B47798	1.20	0.754	1% med gy q frag's+ 1/8" str's@63 w 2% f d py; 10% q-an		
BG10-17	318.60	319.95	B47800	1.35	0.274	1% med gy q frag's+ 1/8" str's@63 w 2% f d py; 10% q-an		
BG10-17	319.95	321.00	B47801	1.05	0.137	1% med gy q frag's+ 1/8" str's@63 w 2% f d py; 3% q-ank; ser'		
BG10-17	321.00	322.50	B47802	1.50	0.206	3% chl-spec fract's; 3% q-ank; 2% f d py		
BG10-17	322.50	323.25	B47803	0.75	1.234	50% hily bl'd olive gn hily sil'd w 30% pa-dk gy sil w 10% f+5% cse d py-all@65-8	1.234	1.234
BG10-17	323.25	324.65	B47805	1.40	0.274	3% chl-spec fract's; 3% q-ank; 2% f d py		
BG10-17	324.65	326.20	B47806	1.55	0.069	3% chl-spec fract's; 3% q-ank; 2% f d py; 1/4" disc pa gy qv w 10% cse d py@4		
BG10-17	326.20	327.00	B47807	0.80	0.343	olive gn hily bl'd+ hily sil'd w 15% sil@29 w 5% cse d p		

Hole_ID	From	To	Sample_#	Length	Au ppm	Description	Au ppm_ck	Au ppm-ck2
BG10-17	327.00	328.00	B47808	1.00	0.823	60% olive gn hily bl'd+ hily sil'd w 15% sil@29 w 5% cse d p		
BG10-17	328.00	329.55	B47809	1.55	0.069			
BG10-17	329.55	331.25	B47810	1.70	0.206	40% gn clots to 0.1m		
BG10-17	331.25	332.05	B47811	0.80	0.480	40% gn clots to 0.1m w 1/2"+1/2"-0.1m dull wt qv w 5% f+ cse d py@3		
BG10-17	332.05	332.90	B47812	0.85	0.206	flt w 1/8" gouge brings in mody hem'd zone w 0.25m 35% 1/4" med-dk gy qv's w 8-10% f+cse d py;all@43-46		
BG10-17	332.90	333.90	B47814	1.00	0.411	then 5-8% med-dk gy q str's; 1/4" 70% cse py vn-all@43-4		
BG10-17	333.90	334.50	B47815	0.60	0.069	last 0.1m hily bl'd+ sil'd w 20% f d py@6		
BG10-17	334.50	335.30	B47816	0.80	3.806	10% wt+ dk gy q frag's in hily sil'd+bl'd w 15-20% f d py; well min'd-all@44-54; flt ends min'd zo	3.840	3.771
BG10-17	335.30	336.30	B47817	1.00	0.411	hily bl'd; flt imm prec by 1/4" spec-chl-qtz v		
BG10-17	336.30	337.50	B47818	1.20	0.137			
BG10-17	337.50	338.80	B47819	1.30	0.960	5% q-ank vn's@35 w spec		
BG10-17	338.80	339.45	B47820	0.65	0.754	first 0.15m dk gy sil w 30% cse d py+15% q-ank comes in suddenly (core ends don't match-posy		
BG10-17	339.45	340.10	B47821	0.65	0.686	hily sil'd+ bl'd after first 0.15m; 10% f+10% cse d py; 15% q-ank@4		
BG10-17	340.10	340.80	B47822	0.70	0.617	hily bl'd-mody hem'd w 0.2m 50% cse py vn's@52; hily sil'd; 20% q-ank;		
BG10-17	340.80	341.50	B47823	0.70	0.617	15% q-ank w locy chl-sil+ 5% cse d py@4		
BG10-17	341.50	342.50	B47824	1.00	0.480	chl myl w 50% f d py+15% cse d py imm prec by 30% q-ank w 5% cse d py imm foll by hily sil'd+ 3/4" 70% cs py vn@45; 1/2" q-ank vn+chl on ct w + posy myl w 15% f d py imm foll by 0.2m hily bl'd dio w 20% leuco+15% cse d py+30% sil		
BG10-17	342.50	343.20	B47825	0.70	<.03	30% sample w 10% leuco+ bl'g@53 w 5% cse d py+ sil'		
BG10-17	343.20	344.70	B47826	1.50	<.03	0.2m w 10% leuco+ bl'g@53 w 10% cse d py+ sil'		
BG10-17	344.70	346.05	B47827	1.35	<.03	40% sample w 10% leuco+ bl'g@53 w 5% cse d py+ sil'		
BG10-17	346.05	347.20	B47828	1.15	<.03	60% sample w 10% leuco+ bl'g@77 w 5% cse d py+ sil'		
BG10-17	347.20	348.10	B47829	0.90	<.03	50% sample w 10% leuco+ bl'g@62 w10% cse d py+ sil'd; 5% q-ar		
BG10-17	348.10	349.95	B47830	1.85	<.03	5% sample w 10% leuco+ bl'g@40 w 3% cse d py+ sil'		
BG10-17	349.95	350.70	B47831	0.75	5.726	50% sample w 10% leuco+ bl'g@35 w 5% cse d py+ sil'd; 2* 1/2" 70% cse py vn's@3	5.486	5.966
BG10-17	350.70	351.80	B47832	1.10	0.137			
BG10-17	351.80	353.30	B47833	1.50	<.03			
BG10-17	353.30	354.45	B47834	1.15	<.03	5% sample w 10% leuco+ bl'g@53 w 5% cse d py+ sil'		
BG10-17	354.45	355.05	B47835	0.60	<.03	40% sample w 10% leuco+ bl'g@53 w 5% cse d py+ sil'd; 1/4" 50% cs py vn@20 trunc by q-ank vn@150		
BG10-17	356.80	357.90	B47837	1.10	<.03	q-ank vn's @66 w 5% cse d py+5% spec		
BG10-17	366.85	367.85	B47838	1.00	<.03	0.05m q-ank vn +10% leuco+ 5% cse d py@5		
BG10-18	16.80	18.00	B54145	1.20	0.137	first 0.3m w 4* 1/8" 70% cse py vn's@51-80 assd w wy sil'		
BG10-18	18.00	18.90	B54146	0.90	0.137	0.1m 30% cse py vn centred on flt in hily sil'd imm foll by 0.2m hily bl'd-all@4		
BG10-18	18.90	19.80	B54147	0.90	0.206	1" 50% cse py vn @ct imm foll by 0.2m sil'd+25% q-ank+ 15% bleb cse p		
BG10-18	22.85	24.00	B54148	1.15	0.137	1/4" 50% cse py vn in chl@25		
BG10-18	24.00	25.30	B54149	1.30	0.069	8% cse d py		
BG10-18	25.30	26.50	B54150	1.20	<.03			
BG10-18	26.50	27.40	B54151	0.90	0.206	1/4" 50% cse py vn@48; 0.2m mody sil'		
BG10-18	27.40	28.25	B54152	0.85	0.069			
BG10-18	28.25	29.30	B54153	1.05	2.572	0.45m 60% cse py vn's w 20% wt qv's@42; hem'd pc	2.674	2.469
BG10-18	29.30	30.40	B54155	1.10	0.069	mottled; 5% cse d p		
BG10-18	30.40	31.50	B54156	1.10	<.03	bl'd hily; 30% q-ank vn's to 0.1m@10-2		
BG10-18	35.35	36.50	B54157	1.15	<.03			

Hole_ID	From	To	Sample_#	Length	Au ppm	Description	Au ppm_ck	Au ppm-ck2
BG10-18	36.50	37.85	B54158	1.35	<.03			
BG10-18	37.85	38.70	B54159	0.85	<.03			
BG10-18	38.70	39.75	B54160	1.05	0.274	bl'd hily; 10% q-ank vn's to 0.1m@10-2		
BG10-18	39.75	41.10	B54161	1.35	<.03	bl'd hily; 30% q-ank vn's to 0.1m@10-2		
BG10-18	47.60	48.70	B54163	1.10	0.137	bl'd hily; 30% q-ank vn's to 0.1m@10-24; 5% cse d p		
BG10-18	48.70	49.60	B54164	0.90	0.206	bl'd hily; 30% q-ank vn's to 0.1m@10-24; 5% cse d p		
BG10-18	49.60	50.40	B54165	0.80	<.03			
BG10-18	50.40	51.00	B54166	0.60	1.817	2" q-ank vn w 30% cse d py-gyish@5	1.714	1.920
BG10-18	51.00	52.40	B54167	1.40	<.03			
BG10-18	52.40	54.00	B54168	1.60	<.03			
BG10-18	54.00	55.50	B54169	1.50	0.137	0.1m 30% cse d py@46+14		
BG10-18	55.50	57.00	B54170	1.50	<.03	1/4" 50% cse py vn@6		
BG10-18	57.00	58.50	B54171	1.50	0.754	hily bl'd		
BG10-18	58.50	60.00	B54172	1.50	<.03	hily bl'd		
BG10-18	60.00	61.50	B54173	1.50	<.03	hily bl'd		
BG10-18	61.50	62.55	B54174	1.05	<.03	hily bl'd		
BG10-18	62.55	63.40	B54175	0.85	3.737	0.25m 80% cse py vn w 10% wt qtz@45 in hily sil'	3.840	3.634
BG10-18	63.40	64.10	B54177	0.70	0.617	7-10% cse d py in chl-ser hily sil'		
BG10-18	64.10	65.10	B54178	1.00	<.03	0.1m q-ank bullish@30; 5% cse d p		
BG10-18	65.10	66.50	B54179	1.40	<.03	5% cse d py; 10% q-ank		
BG10-18	66.50	67.60	B54180	1.10	0.274			
BG10-18	67.60	68.45	B54181	0.85	0.686	0.1m 30% 1/4" cse py vn's@4		
BG10-18	68.45	69.90	B54182	1.45	0.069			
BG10-18	69.90	71.00	B54183	1.10	2.332	bl'd hily; 30% q-ank vn's to 0.1m@52 w 20-25% cse d + vn py; ser'd; wy sil	1.989	2.674
BG10-18	71.00	72.50	B54184	1.50	0.069	bl'd hily; 20% q-ank vn's stockwor		
BG10-18	72.50	73.70	B54185	1.20	<.03			
BG10-18	73.70	75.00	B54186	1.30	0.069			
BG10-18	75.00	75.95	B54188	0.95	<.03	1/4" pa gy qv w 20% cse py @4		
BG10-18	75.95	76.50	B54189	0.55	0.206	1/2"+ 0.1m pa gy sil'd w 30% q-ank+ 20% cse d py in hily sil'd dk g		
BG10-18	76.50	77.45	B54190	0.95	<.03	alb'd?@46 locy; 0.1m wy sil'd w 10% q-ank+10% cse d py@4		
BG10-18	77.45	78.55	B54191	1.10	0.069	fresh dyke imm foll by 0.3m locy wy sil'd w 5-6% cse d py@4		
BG10-18	78.55	79.20	B54192	0.65	<.03	1" hily sil'd blue-gy w 10% cse d p@43; 20% q-ank vn'		
BG10-18	79.20	80.55	B54193	1.35	<.03	hily bl'd; 10% q-ank; 5% cse d p		
BG10-18	80.55	81.65	B54194	1.10	<.03	3* 1/4" mody sil'd w 10% cse d py@5		
BG10-18	81.65	82.95	B54195	1.30	<.03			
BG10-18	93.50	94.85	B54196	1.35	<.03			
BG10-18	94.85	96.00	B54197	1.15	<.03	0.25m mody hem'd@45 w 2* 1/4" 40% cse py vn's imm prec by 0.1m q-ank vn@		
BG10-18	96.00	97.50	B54198	1.50	<.03			
BG10-18	97.50	98.55	B54199	1.05	0.411	1" med gy qv w 30% cse d py@35 in 0.1m hily bl'		
BG10-18	98.55	99.80	B54201	1.25	<.03	5% q-ank; 1/4" 50% cse py vn@5		
BG10-18	99.80	101.35	B54202	1.55	<.03	30% q-ank-bullish, @3		
BG10-18	105.50	107.10	B54203	1.60	<.03	hem'd wy locy-posy fel intr-; 10% q-ank; 3* 1/8" 50% cse py vn's@6		
BG10-18C	15.00	15.50	**B47855**	0.50	<.03	1/4" 70% cse py vn@2		
BG10-18C	17.10	18.40	B47839	1.30	<.03	dyke; 1st 1" mody sil'd w 8% cse+f d py; trailing ct imm prec by 0.15m q-ank w 5% f d		
BG10-18C	18.40	19.50	B47840	1.10	<.03	3* 1/8" 50% py vn's@34 in mody sil'		

Hole_ID	From	To	Sample_#	Length	Au ppm	Description	Au ppm_ck	Au ppm-ck2
BG10-18C	19.50	20.20	B47841	0.70	<.03	1/2" 70% cse py vn@5€		
BG10-18C	20.20	21.00	B47842	0.80	<.03	wy sil'd		
BG10-18C	24.20	24.80	B47843	0.60	<.03	1/8" 70% cse py vn's@40; ct imm foll by ser-chl 1		
BG10-18C	24.80	25.80	B47844	1.00	0.069	3% cse d + bleb py; 0.2m beige posy dyke/tuff@5		
BG10-18C	25.80	26.80	B47845	1.00	0.411	1/4" 60% cse py vn@5€		
BG10-18C	26.80	27.50	B47846	0.70	0.823	3% f+ cse d py; hily bl'c		
BG10-18C	27.50	28.40	B47847	0.90	0.206	5% cse d py; hily bl'c		
BG10-18C	28.40	29.20	B47848	0.80	1.749	1/8" dk gy qv w 5% cse d py; 0.2m 70% cse py vn@45 imm foll by 0.1m q-ank w 30% cse d py; peak alt'n	1.714	1.784
BG10-18C	29.20	30.00	B47850	0.80	0.069	10% f+cse d py; ser-chl common; initially hily sil'		
BG10-18C	30.00	31.50	B47851	1.50	<.03	bl'd bx; ct		
BG10-18C	31.50	33.00	B47852	1.50	<.03	3% q-ank@30; tuff		
BG10-18C	33.00	34.50	B47853	1.50	<.03			
BG10-18C	34.50	35.50	B47854	1.00	<.03			
BG10-18C	39.60	40.55	B47856	0.95	<.03	hily bl'd; 3% q-ank; 3% cse d p		
BG10-18C	40.55	41.50	B47858	0.95	0.206	wy sil'd locy; 5% q-ank; 5% cse d p		
BG10-18C	41.50	42.60	B47859	1.10	0.274	50% wy sil'd locy w 10% f+ cse d py+20% q-ank; all@34-3		
BG10-18C	42.60	43.50	B47860	0.90	0.343	wy sil'd locy; 5% q-ank; 5% cse d p		
BG10-18C	46.60	48.00	B47861	1.40	0.069	por		
BG10-18C	48.00	49.45	B47862	1.45	<.03	1st 0.2m 40% q-ank w 2% f d p		
BG10-18C	49.45	50.05	B47863	0.60	0.274	20% q-ank vn's to 1" w assd chl-sil+3-5% se d py@4		
BG10-18C	50.05	50.70	B47864	0.65	0.480	flt imm foll by 0.15m mody hem'd w 20% q-ank+20% cse+10% f d py-hily sil'd; well min'd; all@		
BG10-18C	50.70	51.70	B47865	1.00	0.206			
BG10-18C	51.70	53.45	B47866	1.75	0.343	hily bl'd; 5% cse d py; 3% q-ank; 0.1m mody sil'd w 8% f d py@42 assd w q-ar		
BG10-18C	53.45	54.90	B47867	1.45	<.03	15% q-ank; hily bl'd; may be hily alt'd p		
BG10-18C	54.90	55.90	B47868	1.00	<.03	5% sil vn's to 1/4" gen@50-60 w 5% cse d p		
BG10-18C	55.90	56.90	B47869	1.00	<.03	50% hily sil'd w 15% q-ank+ 3-5% cse d p		
BG10-18C	56.90	58.50	B47870	1.60	<.03	5% sil vn's to 1/4" gen@50-60 w 5% cse d p		
BG10-18C	58.50	60.00	B47871	1.50	<.03	3% clot py		
BG10-18C	60.00	61.50	B47872	1.50	<.03	1/8"-1" sil-ank w 5% cse d py@3€		
BG10-18C	61.50	62.60	B47873	1.10	<.03			
BG10-18C	62.60	63.50	B47874	0.90	<.03	chlc w 5% cse d py		
BG10-18C	63.50	64.70	B47875	1.20	2.435	0.3m peak alt'n w 70% cse py vn@39 imm prec by tight flt; 3* 1/8"-1/2" wt qv	2.469	2.400
BG10-18C	64.70	65.75	B47877	1.05	0.069	5% sil vn's to 1/4" gen@50-60 w 5% cse d p		
BG10-18C	65.75	66.50	B47878	0.75	<.03	0.2m hily sil'd+ bl'd w 1"50% cse py vn@4		
BG10-18C	66.50	67.60	B47879	1.10	1.714	5% sil vn's to 1/4" gen@50-60 w 5% cse d p	1.371	2.057
BG10-18C	67.60	69.00	B47880	1.40	<.03	5% sil vn's to 1/4" gen@50-60 w 5% cse d p		
BG10-18C	69.00	70.40	B47881	1.40	0.137	5% sil vn's to 1/4" gen@50-60 w 5% cse d p		
BG10-18C	70.40	71.90	B47883	1.50	<.03	hily bl'd; 5% clot cse py; 5% q-anl		
BG10-18C	71.90	72.60	B47884	0.70	1.646	1" dk gy sil-chl vn w 30% cse d py@35; 20% q-ank+ 10% chl-sil med gy w 10% cse d p	1.646	1.646
BG10-18C	72.60	73.50	B47885	0.90	<.03	bl'd		
BG10-18C	77.30	78.40	B47886	1.10	<.03	5% q-ank		
BG10-18C	78.40	79.20	B47887	0.80	<.03	50% sil'd mody @45 w 5-8% cse d py; 5% q-an		
BG10-18C	79.20	79.80	B47888	0.60	0.343	posy tuff unit aph beige@1€		
BG10-18C	79.80	80.55	B47889	0.75	0.069	1" hily sil'd 50% cse py vn imm prec by 0.1m beige aph tuff/alt'n/dyke?@		

Hole_ID	From	To	Sample_#	Length	Au ppm	Description	Au ppm_ck	Au ppm-ck2
BG10-18C	80.55	81.60	B47890	1.05	<.03	bl'd; 1/8" 50% cse py vn@42		
BG10-18C	81.60	83.00	B47891	1.40	<.03	8% q-ank; bl'd		
BG10-18C	83.00	84.00	B47892	1.00	<.03	20% q-ank; locy mody sil'd w 15% cse d py@2		
BG10-18C	84.00	85.00	B47893	1.00	<.03			
BG10-18C	91.75	93.00	B47894	1.25	<.03	bl'd; 5% cse d py; 5% q-anl		
BG10-18C	93.00	94.15	B47895	1.15	<.03			
BG10-18C	94.15	95.20	B47896	1.05	<.03	0.3m br alb'd? mody sil'd w 3% cse d py+ ser'n+5% q-ank@4		
BG10-18C	95.20	96.00	B47897	0.80	<.03	5% q-ank		
BG10-18C	96.00	97.50	B47898	1.50	<.03	2% cse d py locy conc		
BG10-18C	97.50	99.00	B47899	1.50	<.03	2% cse d py locy conc		
BG10-18C	99.00	99.90	B47900	0.90	0.069	2% cse d py locy conc		
BG10-18C	99.90	101.15	B47901	1.25	0.137	2% cse d py locy conc		
BG10-18C	101.15	101.80	B47902	0.65	<.03	0.15m q-q-ank vn w 20% cse d py@35 imm prec by tight chl-talc f		
BG10-18C	101.80	103.20	B47904	1.40	<.03			
BG10-18C	103.20	104.15	B47905	0.95	<.03			
BG10-18C	111.35	112.30	B47907	0.95	<.03			
BG10-18C	112.30	113.15	B47908	0.85	0.549	por; 20% q-ank; 2% f d py in clots		
BG10-18C	113.15	113.65	B47909	0.50	<.03	por; 20% q-ank; 2% f d py in clots		
BG10-18C	113.65	114.50	B47910	0.85	<.03	mottled; 10% ser'n-yel; 3% q-anl		
BG10-18C	114.50	115.80	B47911	1.30	<.03	mottled; 10% ser'n-yel; 3% q-anl		
BG10-18C	115.80	117.00	B47912	1.20	<.03	mottled; 10% ser'n-yel; 10% q-an		
BG10-18C	117.00	117.90	B47913	0.90	<.03			
BG10-18C	117.90	118.55	B47914	0.65	0.069	1" q-ank w 15% cse+10% f d py imm prec by 3/4" 70% cse py vn-all@5		
BG10-18C	118.55	120.00	B47915	1.45	0.069	3% q-ank		
BG10-18C	120.00	121.60	B47916	1.60	<.03	3% q-ank		
BG10-18C	121.60	122.50	B47917	0.90	0.206	30% qtz-q-ank vn's to 1" w 10% cse d py@22+44-pa gy-v		
BG10-18C	122.50	123.70	B47918	1.20	1.680	mody sil'd; ser'd; chl'd; 3% q-ank; 15-20% cse d py-all@4	1.646	1.714
BG10-18C	123.70	124.90	B47920	1.20	0.686	mody sil'd; ser'd; chl'd; 3% q-ank; 10% cse d py-all@4		
BG10-18C	124.90	125.80	B47921	0.90	0.137	ser'd wy; 1% qtz+q-ank vn's to 1/2" w 5% cse d py@4		
BG10-18C	126.60	127.80	B47922	1.20	<.03	wy bl'd; ser'n; 264+45; wy sil'd; 3% cse d p		
BG10-18C	157.85	159.00	B47923	1.15	<.03	30% q-ank gen@30+65; 1-2% f d py		
BG10-18C	170.55	171.70	B47924	1.15	0.069	10% q-ank gen@35; ser'n; locy bl'd wy; 5% cse d p		
BG10-18C	186.45	187.50	B47925	1.05	<.03			
BG10-18C	187.50	188.35	B47926	0.85	0.069	flt imm foll by 0.15mBC w 10% cse+3% f d py in q-ank-cl		
BG10-18C	188.35	189.65	B47927	1.30	<.03	mag		
BG10-18C	194.60	195.90	B47928	1.30	<.03	slip imm foll by 1" q-ank+1" mody hem'd w rare py; por; 2% q-ar		
BG10-18C	195.90	196.70	B47929	0.80	<.03	0.1m 50% q-ank-chl w 5% f d py assd w ser'n+ med gy qtz-all@5		
BG10-18C	203.00	204.45	B47930	1.45	<.03	por locy wy bl'd w rare f d py+ 5% q-ank@3		
BG10-18C	204.45	205.95	B47931	1.50	<.03	v hily bl'd pa gn-yel w 70% q-ank@20-30 w rare p		
BG10-18C	205.95	207.00	B47932	1.05	<.03	shr; ser'd-chlc; 3% clot cse py		
BG10-18C	211.95	213.00	B47934	1.05	<.03	0.05m mody bl'd w 50% q-ank-chl+5% cse d py@5		
BG10-18C	224.15	225.20	B47935	1.05	<.03			
BG10-18C	225.20	226.05	B47936	0.85	0.823	0.05m hily sil'd w pa gy qv w 10% cse d py@52 in BC; 10% ar		
BG10-18C	226.05	227.10	B47938	1.05	<.03			
BG10-18C	227.10	228.40	B47939	1.30	<.03	1/2" chl-sil vn spec-ser@62; rare py; 1/4" vuggy pk carb vn@65 w 10% spec+3% cse d p		

Hole_ID	From	To	Sample_#	Length	Au ppm	Description	Au ppm_ck	Au ppm-ck2
BG10-18C	244.90	246.40	B47940	1.50	<.03	BC; mottled; locy hily bl'd frag's-posy tra; rare p		
BG10-18C	247.65	248.60	B47941	0.95	<.03	BC; mottled; locy hily bl'd; rare py; 2% spec assd w pk car		
BG10-18C	266.20	267.20	B47942	1.00	<.03	locy hily bl'd; ser'd w 3% cse d py assd w spec; ends on sli		
BG10-18C	280.35	281.20	B47943	0.85	0.480	1" wy bl'd+ sil'd mauve hued w 5% f d py@3		
BG10-18C	282.70	283.50	B47944	0.80	1.337	0.05m dull wt qv@62 w 30% cse d p	1.234	1.440
BG10-18C	283.50	285.05	B47945	1.55	0.069	1/2" pur-gy q-ank-spec vn@6		
BG10-18C	288.65	289.50	B47946	0.85	1.132	wy bl'd locy; 5% spec; 3% cse d py-all@5	1.166	1.097
BG10-18C	291.85	292.70	B47947	0.85	<.03	flt imm prec by 0.05m hily shr'd, bl'd ser-ank-no p		
BG10-18C	301.00	302.40	B47948	1.40	<.03	5% q-ank vn's to 1/4" + bl'g locy @6		
BG10-18C	308.70	309.70	B47949	1.00	1.646		1.577	1.714
BG10-18C	309.70	310.60	B47950	0.90	0.686	flt in 0.08m q-ank w 5% f+ cse d py imm prec by 3/4" chl-sil vn w 10% cse d py-all in hily bl'd+sil'd buff por 5% cse d py-all@47		
BG10-18C	310.60	312.00	B47951	1.40	0.137			
BG10-18C	318.10	319.00	B47952	0.90	0.617	BC		
BG10-18C	319.00	319.80	B47953	0.80	0.411	hily bl'd; BC		
BG10-18C	319.80	320.70	B47954	0.90	0.480	flt imm foll by 1/4" 80% cse py vn imm foll by 1" chl-sil w 8% cse d py imm foll by 0.6m hem'n to red·		
BG10-18C			B47955	0.00	<.03	BLANK		
BG10-18C	320.70	321.50	B47956	0.80	0.617	1/8"-1/4" 60% cse py vn@54; hem'c		
BG10-18C	321.50	322.75	B47957	1.25	<.03			
BG10-18C	322.75	323.50	B47959	0.75	0.480	1" wt qv w 8% cse d py+1-2% f d py+ 1/2" q-ank vn w 5% cse d py in 0.3m hem'n-all@4		
BG10-18C	323.50	325.10	B47960	1.60	0.343			
BG10-18C	325.10	326.85	B47961	1.75	0.137	3% q-ank		
BG10-18C	326.85	328.40	B47962	1.55	1.029			
BG10-18C	328.40	328.90	B47963	0.50	1.372	start of hily sil'd w 10% q-ank+10% f d py; 0.05m qv rexl'd w 5% cse d py@5	1.440	1.303
BG10-18C	328.90	330.00	B47964	1.10	0.754	fresher		
BG10-18C	330.00	331.30	B47965	1.30	1.029	hily sil'd; 10% q-ank; 3% f d py+3% cse d py; ser'd; olive gn; 10% dk gy sil frag's sim to SH		
BG10-18C	331.30	332.60	B47966	1.30	0.960	hily sil'd; 10% q-ank; 3% f d py+3% cse d py; ser'd; olive gn; 10% dk gy sil frag's sim to SH		
BG10-18C	332.60	333.30	B47967	0.70	10.492	hily sil'd; 10% q-ank; 3% f d py+3% cse d py; ser'd; olive gn; 20% dk gy sil frag's+ vn's to 1/2"lam'd sim to SHZ	5.966	5.486
BG10-18C	333.30	334.85	B47968	1.55	1.954	hily sil'd; 10% q-ank; 3% f d py+3% cse d py; ser'd; olive gn; 10% dk gy sil frag's sim to SH	1.851	2.057
BG10-18C	334.85	336.50	B47969	1.65	1.269	hily sil'd; 10% q-ank; 3% f d py+3% cse d py; ser'd; olive gn; 10% dk gy sil frag's sim to SH	1.234	1.303
BG10-18C	336.50	338.90	B47970	2.40	1.509	hily sil'd; 10% q-ank; 3% f d py+3% cse d py; ser'd; olive gn; 10% dk gy sil frag's sim to SH	1.440	1.577
BG10-18C	338.90	339.20	B47971	0.30	1.166	hily sil'd; 10% q-ank; 3% f d py+3% cse d py; ser'd; olive gn; 10% dk gy sil frag's sim to SH	1.166	1.166
BG10-18C	339.20	340.20	B47972	1.00	0.137	sudden change to hem'd mody foll flt; hily sil'd; 10% med gy q str's to 1/8" w 5-10% cse d py@4		
BG10-18C	340.20	341.20	B47973	1.00	1.578	hily sil'd; 3% cse d py; 3% med gy qtz frag's sim to SH	1.646	1.509
BG10-18C	341.20	342.20	B47974	1.00	0.686	hily sil'd; 3% cse d py; 5% q str's med gy@20-40 w 3-8% cse d py; br colou		
BG10-18C	342.20	343.50	B47975	1.30	0.617	hily sil'd; 3% cse d py; 5% q str's med gy@20-40 w 3-8% cse d py; br colou		
BG10-18C	343.50	344.35	B47976	0.85	<.03	hily sil'd; 3% cse d py; 5% q str's med gy@20-40 w 3-8% cse d py; br colour; 1" chl-sil vn w 30% f d py@44		
BG10-18C	344.35	345.90	B47977	1.55	0.617	hily sil'd; 3% cse d py; 5% q str's med gy@20-40 w 3-8% cse d py; br colour; 1" anast chl-sil vn w 15% cse py@5-10		
BG10-18C	345.90	347.60	B47978	1.70	0.480	hily sil'd; 3% cse d py; 5% q str's med gy@20-40 w 3-8% cse d py; br colour; 1/4" chl-sil-ser vn @5+175 doe not cut core w 10% cse d py		
BG10-18C	347.60	349.05	B47979	1.45	0.411	hily sil'd; 3% cse d py; 5% q str's med gy@20-40 w 3-8% cse d py; olive colo		

Hole_ID	From	To	Sample_#	Length	Au ppm	Description	Au ppm_ck	Au ppm-ck2
BG10-18C	349.05	349.90	B47980	0.85	0.411	hily sil'd; 3% cse d py; 5% q str's med gy@20-40 w 3-8% cse d py; olive colour-changes to br foll vn; 0.1m c sil vn w 10% cse d py@67		
BG10-18C	349.90	350.75	B47982	0.85	0.549	hem'd red-br; hily sil'd; 3% cse d py; 0.1m dull wt qv w 1/2" dk gy chl-sil w 10% cse d py+5% spec-all@54		
BG10-18C	350.75	351.20	B47983	0.45	0.480	fresher		
BG10-18C	351.20	352.10	B47984	0.90	2.160	slip imm foll by ser'n+ hily alt'd, hily sil'd w 20% f d p	2.057	2.263
BG10-18C	352.10	353.50	B47986	1.40	2.400	15% q-ank@5-10; rare py; ser'r	2.126	2.674
BG10-18C	353.50	354.95	B47987	1.45	0.549	2* 1/4" spec vn's@25		
BG10-18C	354.95	356.30	B47988	1.35	0.480	3% pa gy qv's to 1/8" w 3% cse d py@20-3		
BG10-18C	356.30	357.20	B47989	0.90	0.480	por; 1/2" pa gy qv w 15% cse d py@3		
BG10-18C	357.20	358.20	B47990	1.00	0.754	por ct; 0.15m chty pa gy vn w 10% cse d py@50 in BC+G		
BG10-18C	358.20	359.10	B47991	0.90	0.549			
BG10-18C	359.10	360.00	B47992	0.90	0.686	0.3m chty pa gy vn @44 w 10% cse d +1/4" vn py@2		
BG10-18C	360.00	361.15	B47993	1.15	0.823			
BG10-18C	361.15	362.10	B47994	0.95	1.029	0.1m med gy q-q-ank vn@38 w 3% f d p		
BG10-18C	362.10	363.30	B47995	1.20	1.098		1.166	1.029
BG10-18C	363.30	364.20	B47996	0.90	0.411	1" sil-chl vn w 15% cse+15% f d py@65 in hily sil'd, mody bl'd w 5% cse d py assd w qv's to 1/		
BG10-18C	364.20	365.45	B47997	1.25	1.406	mody bl'd+ sil'd w 5% cse d p	1.646	1.166
BG10-18C	365.45	366.75	B47998	1.30	1.680		2.057	1.303
BG10-18C	366.75	367.80	B47999	1.05	2.709	1"+0.1m por dykes w 0.2m betw+ 0.3m imm foll shr'd ser-chl-ank zones w 10% f+10% cse d py ending on 1"+1/2" ser-chl shr's w 35-50% f+cse d py-all@29-34	2.674	2.743
BG10-18C	367.80	369.00	B48000	1.20	<.03	0.3m ser-chl zone w 3-5% cse+f d py@32 imm prec by 1" por dyke/atten bx fra		
BG10-18C	369.00	370.35	B48001	1.35	<.03	5% q-ank; hily bl'd; 2% chl fract's w sil'n locy @2		
BG10-18C	370.35	371.20	B48002	0.85	0.069	5% q-ank; hily bl'd; 2% chl fract's w sil'n locy @2		
BG10-18C	371.20	372.00	B48003	0.80	0.617	0.2m 70% cse py vn in hily hem'd z w 3/4" q-ank vn (x-cuts@110 w 10% cse d py) @52+1		
BG10-18C	372.00	372.70	B48005	0.70	<.03	hily bl'd; 1" q-ank vn@29; 10% cse vn py@4		
BG10-18C	372.70	373.80	B48006	1.10	0.960	1/2" chl-sil vn @22 w 40% f+10% cse p		
BG10-18C	373.80	375.00	B48007	1.20	0.411	5% q-ank assd w chl-ser-sil up to 1" w 15% f d py@28; c		
BG10-18C	375.00	376.75	B48008	1.75	0.274	50% sample hily bl'd assd w 10% leuco+5-8% cse d py+mody sil		
BG10-18C	376.75	378.30	B48009	1.55	0.549	50% sample hily bl'd assd w 10% leuco+5-8% cse d py+mody sil		
BG10-18C	378.30	379.40	B48010	1.10	0.549	90% sample hily bl'd assd w 20% leuco+10% cse d py+mody sil'd; mauve+ locy br-red wy hem'd; @37; centr on 1" 85% cse py vn@20		
BG10-18C	379.40	380.65	B48011	1.25	<.03	30% sample hily bl'd assd w 10% leuco+5-8% cse d py+mody sil'd; 3% q-ar		
BG10-18C	380.65	381.95	B48012	1.30	<.03	5% sample hily bl'd assd w 10% leuco+5-8% cse d py+mody sil		
BG10-18C	381.95	383.40	B48013	1.45	<.03	1/4" q-ank-spec vn@14-20% spe		
BG10-18C	383.40	384.70	B48014	1.30	<.03	almost looks like 30% augite pheno'		
BG10-18C	384.70	385.70	B48015	1.00	<.03			
BG10-18C	385.70	386.85	B48016	1.15	0.411	30% sample hily bl'd assd w 10% leuco+5-8% cse d py+mody sil'd @3		
BG10-18C	386.85	388.05	B48018	1.20	0.069	30% sample hily bl'd assd w 10% leuco+5-8% cse d py+mody sil'd @60; 3% q-ar		
BG10-18C	388.05	389.05	B48019	1.00	0.617	60% sample hily bl'd assd w 10% leuco+10-12% cse d py+mody sil'd @3		
BG10-18C	389.05	389.80	B48020	0.75	0.549	0.1m hily bl'd assd w 10% leuco+5-8% cse d py+mody sil'd @3		
BG10-18C	389.80	390.80	B48021	1.00	0.617	30% sample hily bl'd assd w 10% leuco+5-8% cse d py+mody sil'd @3		
BG10-18C	390.80	392.40	B48022	1.60	<.03			
BG10-18C	392.40	393.85	B48023	1.45	<.03	5% sample hily bl'd assd w 10% leuco+5-8% cse d py+mody sil'd @4		
BG10-18C	393.85	395.30	B48024	1.45	<.03			

Hole_ID	From	To	Sample_#	Length	Au ppm	Description	Au ppm_ck	Au ppm-ck2
BG10-18C	395.30	396.00	B48025	0.70	0.686	0.2m hily bl'd assd w 10% leuco+4% cse d py+mody sil'd + spec @2		
BG10-18C	396.00	397.55	B48026	1.55	<.03			
BG10-18C	397.55	399.00	B48027	1.45	0.206			
BG10-18C	399.00	400.50	B48028	1.50	<.03	5% sample hily bl'd assd w 10% leuco+5-8% cse d py+mody sil'd @3		
BG10-18C	400.50	402.00	B48029	1.50	<.03	5% leuco+3% cse d py @37		
BG10-18C	402.00	403.80	B48030	1.80	<.03	1" q-ank@60 imm prec by 0.2m 10% leuc		
BG10-18C	403.80	405.20	B48031	1.40	<.03	30% sample hily bl'd assd w 10% leuco+5-8% cse d py+mody sil'd+ 5% spec @3		
BG10-18C	405.20	406.70	B48032	1.50	<.03			
BG10-18C	406.70	408.00	B48033	1.30	<.03			
BG10-18C	408.00	409.50	B48034	1.50	0.549			
BG10-18C	409.50	411.00	B48035	1.50	0.137	0.2m hily bl'd assd w 10% leuco+5% cse d py+mody sil'd @4		
BG10-18C	411.00	412.50	B48036	1.50	<.03	20% sample hily bl'd assd w 10% leuco+5-8% cse d py+mody sil'd @3		
BG10-18C	412.50	414.00	B48037	1.50	<.03			
BG10-18C	414.00	415.10	B48038	1.10	<.03			
BG10-18C	415.10	416.00	B48039	0.90	<.03	70% sample hily bl'd assd w 10% leuco+5-8% spec+2% cse d py @3		
BG10-18C	416.00	417.00	B48040	1.00	<.03	40% sample hily bl'd assd w 10% leuco+5-8% spec+2% cse d py @3		
BG10-19	5.20	6.00	B48220	0.80	<.03	0.2m w 30% q-ank-chl; ser'd w 2% f d py@28		
BG10-19	6.00	7.15	B48221	1.15	<.03	2* 1/4" 70% cse py vn's@18		
BG10-19	7.15	8.20	B48222	1.05	<.03	wy sil'd locy w 10% chl fract's w 5% cse d py@25		
BG10-19	12.00	13.20	B48223	1.20	<.03	50% wy sil'd locy w 10% chl fract's w 5% cse d py@25		
BG10-19	16.50	17.50	B48224	1.00	<.03			
BG10-19	17.50	18.50	B48225	1.00	<.03	30% q-ank contorted w ser'n+5-8% cse d py@10-3		
BG10-19	18.50	19.70	B48226	1.20	<.03	30% q-ank contorted w ser'n+5-8% cse d py@10-3		
BG10-19	23.30	24.25	B48227	0.95	<.03	30% q-ank-chl contorted w ser'n+5-8% cse d py@10-3		
BG10-19	35.50	36.75	B48228	1.25	<.03	0.1m q-ank vn@35; 1/4" 70% cse py vn@35		
BG10-19	37.45	38.40	B48229	0.95	<.03	10% q-ank contorted w ser'n+3% cse d+ vn py@2		
BG10-19	41.35	42.25	B48230	0.90	<.03	10% q-ank contorted w ser'n+3% cse d+ vn py@2		
BG10-19	44.90	46.20	B48231	1.30	<.03	10% q-ank contorted w ser'n+2% cse d+ vn py@28; 20% bull q str		
BG10-19	60.00	61.05	B48232	1.05	<.03	40% q-ank contorted w ser'n+2% cse d+ vn py@2		
BG10-19	66.45	67.70	B48233	1.25	<.03	15% q-ank contorted w ser'n+3% cse d+ vn py@2		
BG10-19	67.70	69.00	B48234	1.30	<.03	shr; 30% q-ank contorted w ser'n+1% cse d+ vn py@2		
BG10-19	69.00	69.90	B48235	0.90	<.03	chl annealed bx-BRK w rare f d py; ser; all B		
BG10-19	69.90	70.60	B48237	0.70	<.03	0.2m buff-yel myl; no py		
BG10-19	74.30	75.75	B48239	1.45	0.069	hily ser'd		
BG10-19	75.75	76.70	B48240	0.95	<.03	hily ser'd@27; 0.25m por inlier @35-hily sil'		
BG10-19	76.70	78.00	B48241	1.30	<.03	fusch		
BG10-19	78.00	79.05	B48242	1.05	<.03	hily fusch		
BG10-19	79.05	80.85	B48243	1.80	<.03	fusch at 27		
BG10-19	80.85	82.30	B48244	1.45	<.03	2* 3/4" chl'c@35		
BG10-19	93.00	94.60	B48245	1.60	<.03	tuff-shr'd@42		
BG10-19	94.60	96.00	B48246	1.40	<.03	ser'd; wy shr'd; rare py		
BG10-19	99.00	100.20	B48247	1.20	<.03	0.1m sil'd w 1% f d py; ser'd; shr'		
BG10-19	100.20	101.15	B48248	0.95	<.03	flt imm prec by 0.5m intensely shr'd w abun ser-ank+1% f d py; imm foll by 1" pk q-ank vn imm foll by 0.1m hily sil'd w 5% f d py-almost myl qtz		
BG10-19	101.15	102.60	B48249	1.45	0.069	wy sil'd		

Hole_ID	From	To	Sample_#	Length	Au ppm	Description	Au ppm_ck	Au ppm-ck2
BG10-19	102.60	103.45	B48250	0.85	0.754	0.4m med gy qv w 30% cse+1% f d py; well min'd-all@6		
BG10-19	103.45	104.75	B48252	1.30	<.03			
BG10-19	109.75	110.80	B48253	1.05	<.03	5% q-ank assd w ser'n-wy shr'd; c		
BG10-19	114.60	116.10	B48254	1.50	0.069	5% q-ank 45; 3% spec		
BG10-19	128.85	129.90	B48255	1.05	<.03	0.3m ser'd w spec-chl clots@32; 3% wormy q-an		
BG10-19	133.20	134.20	B48256	1.00	<.03			
BG10-19	134.20	134.90	B48257	0.70	<.03	5% cse d py in mody sil'd@5		
BG10-19	134.90	135.55	B48258	0.65	0.274	5% cse d py in mody sil'd@5		
BG10-19	135.55	136.50	B48259	0.95	<.03			
BG10-19	142.40	143.00	B48261	0.60	0.206	10% ank in BC		
BG10-19	149.80	151.30	B48262	1.50	0.274	10% epi@30; 1% cse d py assd w ep		
BG10-19	161.00	161.90	B48263	0.90	0.754			
BG10-19	161.90	162.60	B48264	0.70	0.137	5% cse d py in epi vn's@5-15; 1/2" 70% cse py vn@3		
BG10-19	162.60	163.20	B48265	0.60	<.03			
BG10-19	172.80	173.40	B48266	0.60	1.543	1/4" q-carb vn w 5% cse d py+5% cp@1	1.646	1.440
BG10-19	173.40	174.20	B48267	0.80	<.03			
BG10-19	174.20	175.40	B48268	1.20	0.617	BC w 60% vuggy q-ank vn's+ bl'd bx frag's@20-25+ w 1% cse d py+cp+ w 15% chl clots-bulli		
BG10-19	175.40	176.05	B48269	0.65	<.03			
BG10-19	184.90	185.80	B48270	0.90	0.069	BC; wy ser'd; ep'd; 1% cse d py; alt'n @1		
BG10-19	189.20	190.30	B48271	1.10	0.411	br; posy sy dyke in BC		
BG10-19	193.30	194.60	B48272	1.30	0.411	2* 1/8" 50% cse py vn's@6		
BG10-19	194.60	195.50	B48273	0.90	<.03	2* 1/8" 70% cse py vn's@6		
BG10-19	195.50	196.30	B48274	0.80	0.686	0.1m+1/2" 70% cse py vn's assd w 1/4" wt qv's-all@5		
BG10-19	196.30	196.80	B48276	0.50	0.411	3% cse d py; BC; hily epi'c		
BG10-19	196.80	198.15	B48277	1.35	0.549	2* 1/8" 50% cse py vn's@76+10; 2% cp		
BG10-19	198.15	199.20	B48278	1.05	0.480			
BG10-19	204.90	205.70	B48279	0.80	0.343	1/8" 50% cse py vn assd w epi@6		
BG10-19	206.60	207.65	B48280	1.05	0.069			
BG10-19	207.65	208.60	B48281	0.95	0.686	0.1m q-carb-ank vn w 5% cp clots@36; otherwise hily epi'd w 2% cse d p		
BG10-19	208.60	209.70	B48282	1.10	0.549			
BG10-19	214.60	215.60	B48283	1.00	0.069	at least 1" wt qv bullish in BC		
BG10-19	222.90	224.60	B48284	1.70	1.371	hily epi'd w magn vn's@10-15+ 1/8" wt qv'		
BG10-19	224.60	226.30	B48286	1.70	<.03	hily epi'd w 3% cse d py@25+7		
BG10-19	229.35	230.40	B48287	1.05	<.03	dyke w 3% cse d py locy con		
BG10-19	230.40	231.40	B48288	1.00	<.03	1" q-ank-carb vn@ct w 5% cse d py+5% spec imm foll by 0.5m 10% leuc		
BG10-19	231.40	232.75	B48289	1.35	<.03	0.1m q-ank-carb vn@45 w 20% leuco euther sid		
BG10-19	232.75	233.90	B48290	1.15	<.03			
BG10-19	233.90	234.60	B48291	0.70	0.069	0.15m q-ank-ser-epi vn w 4% cse d py@5		
BG10-19	234.60	235.45	B48292	0.85	<.03			
BG10-19	235.45	236.50	B48293	1.05	0.069	0.15m q-ank-ser-epi vn w 4% cse d py@62 w 1/4" wt qv's w 5% spe		
BG10-19	236.50	237.70	B48294	1.20	<.03	BC w epi 1/8" vn's w 30% cse py@6		
BG10-19	237.70	238.60	B48295	0.90	0.343	0.2m br-posy sy		
BG10-19	238.60	240.05	B48296	1.45	0.069	BC; 2-3% cse d py		
BG10-19	240.05	241.20	B48297	1.15	0.617	0.3m br-likely alt'n but could be sy		
BG10-19	241.20	242.70	B48298	1.50	0.069	4* 1/4"-1" q-ank vn's w 15% cp@15-3		

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BG10-19	242.70	243.90	B48299	1.20	<.03			
BG10-19	255.00	256.40	B48300	1.40	0.069	10% sample w 15% leuco assd w 3/4" spec-ank-q vn's@27 med g		
BG10-19	258.40	259.70	B48301	1.30	<.03	1" wt q frag in 0.1m leuco w 1% cse d py; 30% sample w 15% leuc		
BG10-19	259.70	261.00	B48302	1.30	<.03	30% sample w 15% leuco; wy bl'd@31 w med gy spec-ank vn		
BG10-19	261.00	262.50	B48303	1.50	0.069	150% sample w 15% leuco; wy bl'd@31 w med gy spec-ank vn		
BG10-19	262.50	263.45	B48304	0.95	1.440	br alt'd (posy sy); 5% cse d py; 5% q-ank gen@60; 10% leuc	1.303	1.577
BG10-19	263.45	264.50	B48305	1.05	0.069	10% q-ank@40; locy 5% leuco; 2% spe		
BG10-19	270.40	271.40	B48306	1.00	<.03			
BG10-19	271.40	272.00	B48307	0.60	0.137	BC; 3% cse d py		
BG10-19	272.00	272.90	B48308	0.90	0.411	5% cse d py; hily epi'd; 1/2" 70% cse py vn@15; B(		
BG10-19	272.90	274.00	B48309	1.10	3.497	BC; 2* 1/2" wt qv's assd w 5-12% cse d +bleb py@1!	4.114	2.880
BG10-19	274.00	274.90	B48310	0.90	0.960	3% cse d py; BC	1.097	0.823
BG10-19	274.90	276.50	B48311	1.60	0.960		1.029	0.891
BG10-19	276.50	277.50	B48313	1.00	2.023	1/4" 50% cse py vn assd w epi@2(	1.989	2.057
BG10-19	277.50	278.40	B48314	0.90	<.03			
BG10-19	281.60	282.90	B48315	1.30	0.891	5% epi; 3% cse vn py@2&		
BG10-19	282.90	284.10	B48316	1.20	1.098	3% epi; 7% cse vn py@43 assd w q-anl	1.166	1.029
BG10-19	284.10	285.00	B48317	0.90	1.509	5% epi; 50% sample w 20% leuco+ wy sil'd+ser'd+ w 10-12% cse d py@35, 80, 1:	1.577	1.440
BG10-19	285.00	286.10	B48319	1.10	<.03			
BG10-19	286.10	287.45	B48320	1.35	<.03			
BG10-19	287.45	288.55	B48321	1.10	<.03	10% sample w 10% leuco@55-7(		
BG10-19	288.55	290.00	B48322	1.45	<.03	30% sample w 10% leuco@4/		
BG10-19	290.00	291.30	B48323	1.30	<.03			
BG10-19	291.30	292.60	B48324	1.30	0.960			
BG10-19	292.60	294.00	B48325	1.40	0.343	3/4" sil'd vn w 50% cse py+20% epi@2&		
BG10-19	294.00	295.00	B48326	1.00	1.680	5% epi; 40% sample w 10% leuco; 3% cse d p	1.440	1.920
BG10-19	295.00	296.00	B48327	1.00	1.063	3* 1/4" sil-epi vn's w 40% cse py@1'	1.166	0.960
BG10-19	296.00	296.80	B48328	0.80	0.960	1/4" q-ank vn w 50% cse py@3'		
BG10-19	296.80	297.70	B48329	0.90	0.823	1/8"+1/4" 70% cse py vn's@4&		
BG10-19	302.80	304.40	B48330	1.60	1.063	3% cse d py assd w epi vn's	1.097	1.029
BG10-19	304.40	305.40	B48331	1.00	6.514	10% cse vn'd py@5-15; 0.4m 30% epi assd w magn vn's@2	8.091	4.937
BG10-19	305.40	306.90	B48332	1.50	0.411			
BG10-19	306.90	308.50	B48333	1.60	0.343	3* 1/8" 30% cse py vn's@35; 1/2" q-ank vn@63 in 0.2m 20% leuc		
BG10-19	308.50	309.80	B48334	1.30	0.411			
BG10-19	309.80	311.10	B48335	1.30	<.03			
BG10-19	311.10	312.30	B48336	1.20	<.03	1/8" 50% cse py vn@32		
BG10-19	312.30	313.35	B48337	1.05	0.549	0.5m mody sil'd w 20% leuco+10% cse+10% f d py@25-3		
BG10-19	313.35	314.50	B48338	1.15	<.03			
BG10-19	316.70	317.40	B48340	0.70	<.03	1/4" q-ank-epi vn w 10% cse vn'd py@3-		
BG10-19	317.40	318.90	B48341	1.50	<.03	1/2" 70% cse py vn@35		
BG10-19	318.90	320.00	B48342	1.10	0.480	1/4" 70% cse py vn@4(		
BG10-19	320.00	321.30	B48343	1.30	0.069	10% leuco locy conc; beginning of q-ank vn's; flt in B(		
BG10-19	325.50	326.80	B48344	1.30	<.03			
BG10-19	326.80	327.40	B48345	0.60	0.206	0.3m mody sil'd w 20% leuco+10% cse+1% cp@3!		
BG10-19	327.40	328.50	B48347	1.10	<.03	0.3m 10% leucc		

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BG10-19	328.50	329.70	B48348	1.20	0.960	15% leuco; 0.3m q-ank pa gy imm prec by 0.05m 10% f d py in med gy chty q@53 imm prec by 5-8% cse d p over 0.2m		
BG10-19	329.70	331.10	B48349	1.40	<.03			
BG10-19	335.65	336.75	B48350	1.10	<.03			
BG10-19	336.75	337.65	B48351	0.90	1.474	0.2m 20% leuco, hily sil'd w 10%f+10% cse d py@40; bl'd hily; 1/4" 25% cse py@4	1.371	1.577
BG10-19	337.65	338.90	B48352	1.25	<.03	locy wy bl'd w 2% cse d py@3		
BG10-19	338.90	340.50	B48353	1.60	0.343	locy wy bl'd w 2% cse d py@3		
BG10-19	348.00	348.80	B48354	0.80	0.137			
BG10-19	348.80	349.80	B48355	1.00	0.411	20% sample w 10% leuco+3% cse d py@32-wy sil'		
BG10-19	349.80	351.20	B48356	1.40	0.137	60% sample w 15% leuco+5% cse d py@32-hily sil'		
BG10-19	351.20	352.15	B48357	0.95	0.891	80% sample w 15% leuco+5% cse d py@32-hily sil'd; ends in chlc B		
BG10-19	352.15	353.05	B48359	0.90	<.03			
BG10-19	357.80	358.50	B48360	0.70	2.297	ct; 1/4" qtz vn@32 w 3% f d py imm foll by 1/8" 50% cse py vn in 0.2m 20% luco+10% e	2.400	2.194
BG10-19	362.20	363.00	B48361	0.80	0.206			
BG10-19	363.00	364.10	B48362	1.10	5.555	wy bl'd+sil'd pa gy w 1/2" 50% cse py vn +1/8" rexl'd qv-late @40+ w 0.2m 15% cse d	6.240	4.869
BG10-19	364.10	364.90	B48363	0.80	0.411			
BG10-19	366.00	366.90	B48364	0.90	0.549			
BG10-19	378.50	379.60	B48365	1.10	1.097	1/2" 70% cse py vn@44 w 1/4" bull wt q	1.097	1.097
BG10-20	3.00	3.85	B48041	0.85	<.03	0.1m w 1/2" 70% cse py vn's@5		
BG10-20	18.00	19.10	B48042	1.10	0.137	0.1m w 1/2" 70% cse py vn's@55 in pkish alb'd? pc		
BG10-20	19.10	20.05	B48043	0.95	<.03	pink		
BG10-20	20.05	21.00	B48044	0.95	<.03	pink		
BG10-20	21.00	21.85	B48045	0.85	<.03	stry sil'd @45 progressive to 100%; 5% f+cse d py; greenis		
BG10-20	21.85	22.75	B48046	0.90	0.069	stry sil'd @45; greenish; 2% f+cse d p		
BG10-20	22.75	23.55	B48047	0.80	<.03	stry sil'd @45; greenish; 2% f+cse d p		
BG10-20	23.55	24.75	B48048	1.20	<.03	stry sil'd @45; greenish; 2% f+cse d p		
BG10-20	24.75	25.55	B48049	0.80	<.03	0.3m posy hily alt'd dio bx w 4% cse d py+ 10% wt qtz-after hily sil'd frag's; @		
BG10-20	25.55	26.50	B48050	0.95	<.03	buff; chty; 5% cse d p		
BG10-20	26.50	27.30	B48051	0.80	7.406	massive 0.4m 80% cse py vn w 15% wt qv's to 3/4"; alb'd+hily sil'd imm fc	5.966	5.897
BG10-20	27.30	28.35	B48053	1.05	0.069			
BG10-20	28.35	29.50	B48054	1.15	0.343	1/4"-1/2" sil-chl vn@23 in 1" hily bl'd w 15% cse d py+10% spe		
BG10-20	29.50	30.40	B48055	0.90	<.03	bl'd		
BG10-20	34.85	35.90	B48056	1.05	0.274	hily bl'd; chl-sil fract's 1% w 3% f d py@5(		
BG10-20	35.90	36.80	B48058	0.90	<.03	bl'd ct imm prec by 0.2m 5% cse clot py; imm foll b		
BG10-20	36.80	38.20	B48059	1.40	<.03			
BG10-20	40.50	41.50	B48060	1.00	<.03	ct		
BG10-20	41.50	42.90	B48061	1.40	<.03	0.2m mody sil'd w 5-8% f d py @46; locy hily bl'd; locy 1/2" sil'd w 2-4% f d p		
BG10-20	42.90	44.25	B48062	1.35	<.03			
BG10-20	44.25	45.30	B48063	1.05	1.783	first 0.3m mody sil'd+chlc+ser'd w 10% cse+10% f d py@40; 0.1m same w 15% f d py@34 assd w 10% q-ank	1.989	1.577
BG10-20	45.30	46.50	B48064	1.20	0.960	1"+0.1m sil'd w 10% cse+2% f d py@40; 1" clot 90% cse p		
BG10-20	46.50	47.10	B48065	0.60	1.371	3* 1/2"sil'd w 10% cse+2% f d py@40;	1.371	1.371
BG10-20	47.10	48.10	B48066	1.00	1.337	0.3m wy hem'd, hily sil'd well min'd w 30% bx frag's ang+ser-chl-sil+ 10% q-ank+ 35% cse+15% f d py-all@45; posy 1/8" myl; .1m q-ank vn w 2% cse d py@49 ends on flt imm prec by 1" gy q str's w 10% f d py	1.440	1.234

Hole_ID	From	To	Sample_#	Length	Au ppm	Description	Au ppm_ck	Au ppm-ck2
BG10-20	48.10	48.85	B48068	0.75	0.069	3% q-ank		
BG10-20	48.85	49.90	B48069	1.05	<.03	3% q-ank		
BG10-20	49.90	51.35	B48070	1.45	0.069	3% q-ank		
BG10-20	51.35	52.90	B48071	1.55	0.206	3% q-ank		
BG10-20	52.90	53.90	B48072	1.00	0.274	15% q-ank, w 1" sil'n+15% f d py@32		
BG10-20	53.90	55.10	B48073	1.20	0.069	3% q-ank		
BG10-20	55.10	55.90	B48074	0.80	0.411	10% q-ank; 3% cse d py; wy locy sil'(		
BG10-20	55.90	57.10	B48075	1.20	3.258	70% 70% cse py vn's to 0.2m; ser'd+chl'd+hem'd wy; locy shr'd+bx'd; all@47; v cse py xl's to 1/	3.086	3.429
BG10-20	57.10	57.95	B48076	0.85	1.646	locy wy sil'd; 1" q-ank; 2* 3/4" 80% cse py vn's; all@37-4	1.646	1.646
BG10-20	57.95	58.75	B48077	0.80	1.235	0.1m q-ank vn@1(	1.303	1.166
BG10-20	58.75	60.00	B48078	1.25	2.949	5% q-ank assd w mody locy sil'd w 5-10% cse d py; all@3	3.703	2.194
BG10-20	60.00	61.20	B48079	1.20	0.069	5% q-ank assd w mody locy sil'd w 5-10% cse d py; all@3		
BG10-20	61.20	62.25	B48080	1.05	0.069	5% q-ank assd w mody locy sil'd w 5-10% cse d py; all@3		
BG10-20	62.25	63.20	B48081	0.95	0.069	0.05m sil'd mody w chl-sil+20% cse d py@37 ends alt'		
BG10-20	63.20	64.30	B48082	1.10	<.03			
BG10-20	70.20	70.95	B48083	0.75	<.03			
BG10-20	70.95	71.75	B48084	0.80	0.069	1" sil-chl vn w 30% cse py+20% cp @32 in 0.2m wy sil'd hily bl'		
BG10-20	71.75	73.10	B48086	1.35	<.03	1" q-ank vn@18; 3% cse d py; wy bl'(		
BG10-20	77.75	78.70	B48087	0.95	<.03	mottled; 1-2% cse d py; br locy; ser'(		
BG10-20	78.70	79.95	B48089	1.25	<.03	wy ser'd		
BG10-20	84.00	85.10	B48090	1.10	<.03	locy buff-br w 3% cse d py@35; 0.05m sil-chl bx w 5% cse d p		
BG10-20	85.10	86.10	B48091	1.00	<.03	locy wy bl'd bı		
BG10-20	86.10	87.00	B48092	0.90	<.03	10% q-ank in hily bl'd @60; 1/2" q-ank-sil vn w 5% cse d py@30 in bl'd +ser'd 0.2m-posy spec in '		
BG10-20	87.00	88.45	B48093	1.45	<.03	1" q-ank w 7-8% cse clot py@65; 1/2" pa gy qv w 10% cse d py@3		
BG10-20	117.90	118.95	B48094	1.05	<.03	wy bl'd; 5% q-ank; 1/4" chl-sil-ank vn w 8% f d py@4		
BG10-20	123.70	124.80	B48095	1.10	<.03	mottled; 10% q-ank; hily chlc; 2% cse d py; br-g		
BG10-20	124.80	125.60	B48096	0.80	<.03	10% q-ank; green; 0.1m pa gy mody sil'd w no py could be dyke @5		
BG10-20	128.45	129.50	B48097	1.05	<.03	mottled; 10% q-ank; hily chlc; 2% cse d py; red-br; wy hem'd/tuff?@38; 2% f d py locy assd w c		
BG10-20	129.50	130.90	B48098	1.40	<.03	pur hue; ang bx frag's		
BG10-20	130.90	132.00	B48099	1.10	<.03	10% q-ank@58		
BG10-20	132.00	133.30	B48100	1.30	<.03			
BG10-20	133.30	133.90	B48101	0.60	<.03	flt imm prec by 0.1m BC+50% q-ank+ hily bl'd w no p		
BG10-20	139.20	140.00	B48102	0.80	0.960	BC; 5% up to 1/8" 50% cse py vn's+8% cse d py @42 assd w pa gy q str'		
BG10-20	140.00	141.45	B48103	1.45	<.03	competent;		
BG10-20	141.45	142.70	B48104	1.25	<.03	ends in BC w 0.1m dull wt qv on pk carb-bull w 20% chl clot		
BG10-20	142.70	143.40	B48105	0.70	1.509	BC; 5% up to 1/8" 50% cse py vn's+8% cse d py @28-42	1.371	1.646
BG10-20	143.40	144.50	B48106	1.10	<.03			
BG10-20	151.20	152.05	B48107	0.85	<.03	1" q-ank vn@74 brings in mody bl'd w 2% f d py@4		
BG10-20	152.05	152.95	B48108	0.90	<.03	str flt w 3/4" gouge in 20% q-ank in ser'd bl'd zone w 3-5% f d py; 1" v hily ser'd w 20% f+15% cse d py@47; v sil'd locy		
BG10-20	152.95	153.90	B48109	0.95	<.03	10% q-ank; wy ser'd; 2% f d py-all@40; alt'n ends on sh		
BG10-20	153.90	154.90	B48110	1.00	<.03			
BG10-20	154.90	156.00	B48111	1.10	<.03	3% q-ank		
BG10-20	175.10	176.10	B48112	1.00	<.03	flt imm prec by 0.3m mody bl'd w ser'n+2% f d py+ 30% 1/8" cse py vn on		
BG10-20	181.00	181.95	B48113	0.95	<.03	ct imm foll by bull 0.05m chl-sil vn@36 w no p		

Hole_ID	From	To	Sample_#	Length	Au ppm	Description	Au ppm_ck	Au ppm-ck2
BG10-20	188.35	189.40	B48114	1.05	<.03	5% cse d+clot py-primary?		
BG10-20	194.60	195.30	B48115	0.70	<.03			
BG10-20	195.30	195.80	B48116	0.50	2.640	flt imm foll by 0.05m hily bl'd w 1/4" 70% cse py vn@77+chl'n+ar	2.057	3.223
BG10-20	195.80	196.90	B48118	1.10	<.03	1" bull q-ank vn imm prec by 1" hily bl'd -no p		
BG10-20	229.90	231.00	B48120	1.10	0.069	mottled; 5% q-ank; hily chlc+ser'd; 2% f d py-all@15; wy sil'		
BG10-20	231.00	232.10	B48121	1.10	<.03	locy wy bl'd; 5% q-ank; 1" dull wt qtz fra		
BG10-20	234.00	234.80	B48122	0.80	<.03	hily bl'd; 15% q-ank; posy int dyk		
BG10-20	239.95	241.10	B48123	1.15	<.03	5% q-ank; hily bl'd; 0.2m bx w 10% med gy qtz frag's ang to 1/4"-sim to SM		
BG10-20	244.70	245.50	B48124	0.80	<.03			
BG10-20	245.50	246.30	B48125	0.80	0.069	slip imm prec by 1/2" q-ank vn imm prec by 0.2m hily sil'd w 5% cse d p		
BG10-20	246.30	247.00	B48126	0.70	<.03	1/2"-1" 75% cse py vn@67 imm prec by 20% med gy q frag'		
BG10-20			B48127	0.00	<.03	BLANK		
BG10-20	247.00	248.10	B48128	1.10	<.03	3% med gy q frag's+ 5% q strs sim to SMZ		
BG10-20	248.10	249.00	B48129	0.90	<.03	3% med gy q frag's+ 5% q strs sim to SMZ		
BG10-20	249.00	249.70	B48130	0.70	<.03	3% med gy q frag's+ 5% q strs@25 sim to SMZ; mody bl'd w 5% f d p		
BG10-20	249.70	250.60	B48131	0.90	<.03	3% med gy q frag's+ 5% q strs sim to SMZ; 10% q-ank; 1/2" 50% cse d py vn@2		
BG10-20	250.60	252.00	B48132	1.40	0.069	3% med gy q frag's+ 5% q strs sim to SMZ; 5% cse d p		
BG10-20	252.00	253.50	B48133	1.50	0.549	3% med gy q frag's+ 5% q strs@5 sim to SMZ		
BG10-20	253.50	254.35	B48134	0.85	1.749	3% med gy q frag's+ 5% q strs sim to SMZ	1.509	1.989
BG10-20	254.35	255.60	B48135	1.25	0.069	hily hem'd brick red; 2* 0.05m 50% cse py vn's @55; wy sil'd; 10% q-ar		
BG10-20	255.60	257.10	B48136	1.50	0.206	wy sil'd; 10% q-ank; wy ser'd; 2% cse d p		
BG10-20	257.10	258.70	B48137	1.60	0.069	wy sil'd; 10% q-ank; wy ser'd; 2% cse d p		
BG10-20	258.70	259.80	B48138	1.10	0.206	wy sil'd; 10% q-ank; wy ser'd; 2% cse d p		
BG10-20	259.80	260.50	B48139	0.70	<.03	wy sil'd; 10% q-ank; wy ser'd; 2% cse d py; 2*1/4" 80-% cse py vn's@66; hem'd v		
BG10-20	260.50	261.40	B48140	0.90	<.03	ct; bl'd wy		
BG10-20	273.00	274.50	B48141	1.50	<.03	3% q-ank		
BG10-20	274.50	275.20	B48142	0.70	<.03	BC; 0.1m hily ser'd@43-wy sil'd+ w 5% cse d py; 2% spe		
BG10-20	275.20	276.40	B48143	1.20	0.069	BC; mody bl'd centred on 0.2m w 10% cse d+ 1/8" vn py@5		
BG10-20	276.40	277.00	B48144	0.60	0.069	10% spec vn's@38-53; bl'd locy; sil'd locy mody w 5% cse d p		
BG10-20	277.00	277.70	B48145	0.70	<.03	hily bl'd; 10% spec		
BG10-20	277.70	278.45	B48146	0.75	0.069	hily bl'd; 10% spec		
BG10-20	278.45	279.50	B48147	1.05	0.069	hily bl'd; locy wy sil'd@42; 5% cse+5% f d py; 2% spe		
BG10-20	279.50	280.60	B48148	1.10	<.03	wy bl'd		
BG10-20	280.60	281.70	B48149	1.10	<.03	fresher but 5%cse d py		
BG10-20	281.70	283.00	B48151	1.30	0.069			
BG10-20	283.00	284.30	B48152	1.30	0.069			
BG10-20	284.30	285.80	B48153	1.50	0.069	1/2" med gy qv in 0.1m 20% leuco+2% f d py-@4		
BG10-20	285.80	287.00	B48154	1.20	0.069	3% spec		
BG10-20	287.00	288.20	B48155	1.20	<.03			
BG10-20	288.20	288.90	B48156	0.70	0.069	0.1m hily bl'd w 1/4" 70% cse py vn@4		
BG10-20	288.90	289.50	B48157	0.60	<.03	0.2m hily bl'd w 40% q-ank@6		
BG10-20	289.50	290.10	B48158	0.60	0.206	hily bl'd+sil'd w 8-10% cse d + vn py@45 to 1/2'		
BG10-20	290.10	290.90	B48159	0.80	0.069	alt'n ends @ flt		
BG10-20	290.90	291.55	B48160	0.65	1.372	0.4m hily bl'd+sil'd w 15-25% cse d + vn py@4	1.303	1.440
BG10-20	291.55	292.20	B48162	0.65	0.480	sil'd hily; 5% cse d py; fl		

Hole_ID	From	To	Sample_#	Length	Au ppm	Description	Au ppm_ck	Au ppm-ck2
BG10-20	292.20	292.90	B48163	0.70	<.03	hily chl'c+ser'd		
BG10-20	292.90	294.00	B48164	1.10	<.03	hily ser'd w 10% cse d+ vn'd py@45; wy sil'd; hily bl'		
BG10-20	294.00	294.85	B48165	0.85	**21.497**	0.1m myl in BC well min'd w 20% f d py assd w chl; imm prec by 0.2m intensely bl'd-peak alt'n; imm foll by 0.4m hily sil'd w 30% cse+f d py w 15% ank	7.406	4.114
BG10-20	294.85	295.55	B48166	0.70	0.069	dk pur		
BG10-20	295.55	296.50	B48167	0.95	0.617	0.8m 20% leuco+ hily sil'd w 10% f+ cse d py+hily bl'd@4		
BG10-20	296.50	298.00	B48168	1.50	<.03	5% sample w 10% leuco+ wy bl'd+ 3% cse d py@4		
BG10-20	298.00	299.00	B48169	1.00	<.03	5% sample w 10% leuco+ wy bl'd+ 3% cse d py@4		
BG10-20	299.00	300.15	B48170	1.15	0.069	80% sample w 20% leuco+ hily bl'd+ 10% cse+f d py@3		
BG10-20	300.15	301.10	B48171	0.95	0.754	50% sample w 20% leuco+ hily bl'd+ 10% cse+f d py@30-1/2" 70% cse py v		
BG10-20	301.10	302.40	B48172	1.30	0.069	5% sample w 10% leuco+ wy bl'd+ 3% cse d py@4		
BG10-20	302.40	303.80	B48173	1.40	0.069	5% sample w 10% leuco+ wy bl'd+ 3% cse d py@4		
BG10-20	303.80	305.30	B48174	1.50	<.03			
BG10-20	305.30	306.65	B48175	1.35	<.03	5% sample w 10% leuco+ wy bl'd+ 3% cse d py@4		
BG10-20	306.65	308.00	B48176	1.35	0.480			
BG10-20	308.00	309.50	B48177	1.50	<.03	5% sample w 10% leuco+ wy bl'd+ 3% cse d py@4		
BG10-20	309.50	310.90	B48178	1.40	<.03			
BG10-20	310.90	312.40	B48179	1.50	<.03			
BG10-20	312.40	313.80	B48180	1.40	0.686			
BG10-20	313.80	314.75	B48181	0.95	<.03	50% sample w 10% leuco+ hily bl'd+ 5% cse d py+8% spec+15% ank@55; vuggy lo		
BG10-20	314.75	316.10	B48182	1.35	<.03			
BG10-20	323.30	324.70	B48184	1.40	<.03	1/8" qv w 1/8" 40% cse py vn's either side@7		
BG10-20	324.70	325.65	B48185	0.95	<.03	5% sample w 10% leuco+ wy bl'd+ 3% cse d py@5		
BG10-20	325.65	327.00	B48186	1.35	<.03			
BG10-20	327.00	328.30	B48187	1.30	0.069	30% sample w 10% leuco+ wy bl'd+ 3% cse d p		
BG10-20	328.30	329.80	B48188	1.50	<.03	40% sample w 10% leuco+ wy bl'd+ 3% cse d py@36 w 10% med gy qtz frag's-<1%		
BG10-20	329.80	331.40	B48189	1.60	0.206	15% sample w 10% leuco+ wy bl'd+ 3% cse d py@32; 0.3m w 40% chl-sil vn's w 8% cse d py @125 truncate by 1" q-ank that ends alt'n		
BG10-20	337.60	339.00	B48190	1.40	<.03			
BG10-20	339.00	339.90	B48191	0.90	0.823	0.3m hily sil'd+ wy bl'd w 30% chl-sil vn's/blebs @42-almost qv- w 8% cse d p		
BG10-20	339.90	341.30	B48193	1.40	<.03	35% sample w 15% leuco+ wy bl'd+ 6% cse d py@76 w 10% q-ar		
BG10-20	351.10	352.10	B48194	1.00	<.03	1/8" 30% cse py vn in 0.1m 20% leuco, wy bl'd-all@4		
BG10-20	360.00	361.50	B48195	1.50	<.03	50% sample w 10% leuco+ wy bl'd+ 3% cse d py@60; 10% q-ar		
BG10-20	361.50	363.00	B48196	1.50	<.03	20% sample w 10% leuco+ wy bl'd+ 3% cse d py@60; 10% q-ar		
BG10-20	363.00	363.90	B48197	0.90	<.03	0.3m 20% leuco+3* 1/2" 60% cse py vn's@24 assd w sil-qtz+ w 20% q-ank @140 la		
BG10-20	363.90	364.95	B48198	1.05	<.03	100% sample 20% leuco+1" pa gy qv w 60% cse py@32+; last 0.4m 70% q vn bullish w 30% chl clots into ne sample-w 3% cse py clots@56		
BG10-20	364.95	366.00	B48199	1.05	<.03	70% q vn bullish w 30% chl clots -w 3% cse py clots@45-75 w 15% leuc		
BG10-20	366.00	367.10	B48200	1.10	<.03	5% q-ank; 5% sample w 10% leuco w 5% cse d p		
BG10-20	367.10	368.15	B48201	1.05	<.03	5% q-ank		
BG10-20	372.70	373.40	B48202	0.70	0.274	5% sample w 10% leuco+ wy bl'd+ 3% cse d py@4		
BG10-20	373.40	375.00	B48203	1.60	<.03	15% sample w 10% leuco+ wy bl'd+ 3% cse d py@4		
BG10-20	384.00	384.70	B48204	0.70	3.052	1/4" med gy qv w 10% f+cse d py imm prec by 1" 5% spec in chl-q-ank@2	2.537	3.566
BG10-20	388.25	389.75	B48205	1.50	<.03	4% f d py assd w q-ank@42		
BG10-20	394.65	396.00	B48206	1.35	<.03	30% sample w 10% leuco+ wy bl'd+ 3% cse+f d py locy conc@50; 10% med gy q-a		

Hole_ID	From	To	Sample_#	Length	Au ppm	Description	Au ppm_ck	Au ppm-ck2
BG10-20	396.00	396.90	B48207	0.90	0.960	80% sample w 15% leuco+ wy bl'd+ 6% cse d py@47; 10% med gy q-ar		
BG10-20	396.90	397.80	B48208	0.90	0.069			
BG10-20	400.70	401.35	B48209	0.65	<.03	0.1m 20% leuco+15% cse d py@8		
BG10-20	405.00	406.00	B48211	1.00	<.03			
BG10-20	406.00	406.80	B48212	0.80	1.166	0.2m 20% leuco w 20% cse d py assd w pa gy q-ank@4	1.303	1.029
BG10-20	406.80	408.00	B48213	1.20	<.03			
BG10-20	408.00	409.05	B48214	1.05	0.995	0.3m 20% leuco w 20% cse d py-0.1m w 60% cse d py@45 in wy sil'	1.029	0.960
BG10-20	409.05	410.15	B48215	1.10	<.03	0.1m 20% leucc		
BG10-20	410.15	411.25	B48216	1.10	<.03	0.15m 20% leuco+15% cse +f d py@5		
BG10-20	411.25	412.50	B48217	1.25	<.03			
BG10-20	412.50	413.00	B48218	0.50	<.03	1/8" 40% cse py vn@3		
BG10-20	417.00	418.35	B48219	1.35	<.03	40% sample w 20% leuco w 30% q-ank+5% cse bleb py@5		
BG10-21	8.20	8.95	B25352	0.75	0.480	BC+GC but looks like bedrock; 0.1m pa gy qv@59 w 10% cse d py-same as @ collar of		
BG10-21	8.95	10.50	B25353	1.55	0.137	5-6% cse d py assd w 10% q-ank@2		
BG10-21	12.45	13.05	B25354	0.60	<.03	ct; 0.1m q-ank bx w 1-2% cse d py imm prec by tight 1/8" chl flt@6		
BG10-21	21.05	22.30	B25355	1.25	0.069	ct; 20% q-ank; ends on 1/8" chl-sil vn@68 in 1" of 8% cse d py-bl'd w		
BG10-21	24.80	25.60	B25356	0.80	0.206	5% q-ank w 2% cse d p		
BG10-21	25.60	26.10	B25357	0.50	0.686	0.35m well min'd 15% cse+15% f d py centred on up to 2" dk-med gy qv@21 truncated by chl flt@45 imm pre by 1/2" 50% cse+f d py band		
BG10-21	26.10	27.00	B25358	0.90	0.069	fresh; 5% q-ank		
BG10-21	27.00	27.90	B25359	0.90	0.069	fresh; 3/4" chl-epi zone w 8% cse d py@30 x-cuts+ offsets epi vn's@150+q-ank 1/8" vuggy vn @110 w 5% cs d py- looks like selvage		
BG10-21	31.50	32.10	B25360	0.60	<.03	ct		
BG10-21	46.80	47.50	B25361	0.70	<.03	ct		
BG10-21	49.80	50.70	B25362	0.90	<.03	5% q-ank; 5% ep		
BG10-21	50.70	51.25	B25363	0.55	<.03	0.1m 20% leuco imm foll by 1.5" bull wt qv w ank w 5% cse d py on ct's imm foll by 1/8" clay gouge flt imm f by 3/4" 50% cse d py imm foll by 0.05m q-ank 30% w 5% cse d py+ 10% leuco		
BG10-21	51.25	51.90	B25365	0.65	<.03	0.2m 5-8% cse d py assd w 10% q-ank-carb@4		
BG10-21	51.90	53.15	B25366	1.25	<.03	5% epi		
BG10-21	66.50	68.00	B25367	1.50	<.03	5-10% < 0.2 cm fractures with epi; minor late qtz veinlets at 0 deg TCA, very magne		
BG10-21	68.00	69.50	B25368	1.50	<.03	as above		
BG10-21	69.50	71.11	B25369	1.61	<.03	15-25% fracturing with epi+calcite+minor qtz generally low angles; strongly magne		
BG10-21	71.11	71.70	B25370	0.59	0.069	20-25% white opaque qtz+ minor ank+chl; 71.33 to 71.44 25-30% anhedral py seam with grey-white		
BG10-21	71.70	72.10	B25371	0.40	<.03	15-25% penetrative fracturing with epi+qtz+calcite; one narrow veinlet with py + hem at 20 deg TCA; 1-2 % py fractures		
BG10-21	72.10	73.60	B25372	1.50	<.03	1-2% anhedral py in hairline fractures, 15% penetrative fractures with late qtz+calcite; very magne		
BG10-21	73.60	74.50	B25373	0.90	1.406	**Mineralized Zone 73.62 to 77 m; 73.62 m sharp transition to silicified zone; 10-15% very fine to fine anhedral py in brittle penetrative fractures predom at 65 deg TCA, minor fracturing at 30 deg TCA, non-magnetic; leucoxene flecs gives spotted texture**	1.303	1.509
BG10-21	74.50	75.27	B25375	0.77	0.617	**3-5% very fine py in discontinuous fracturing; slightly magnetic unit; leucoxene flec**		
BG10-21	75.27	76.00	B25376	0.73	0.960	**10-15% very fine py high angle TCA fractures and seams with chl; <5% qtz veinlets at high angles TCA leucoxene flecs**		

Hole_ID	From	To	Sample_#	Length	Au ppm	Description	Au ppm_ck	Au ppm-ck2
BG10-21	76.00	77.00	B25377	1.00	1.851	**15-25% py with strong py at 76.69 to 76.84 m in fractures from 55 to 75 deg TCA; very siliceous pale grey-lt brown matrix colour, some chl patches; 5% grey-white qtz+minor ank; end of strong silica zone; afterwards narrow silica sections with fracturing/faulting+py; leucoxene flecs barely visible**	1.440	2.263
BG10-21	77.00	77.50	B25378	0.50	0.960	3-5% diss py in fractures at 45 to 50 deg TCA with silica+leucoxene flec patches adjacent & proximal fractures; <5% qtz veinlets		
BG10-21	77.50	78.10	B25379	0.60	0.549	3-5% diss py in fractues with silica halo; unit magnetic with much magneti		
BG10-21	78.10	78.90	B25380	0.80	0.617	5-8% diss py in moderately fractured unit with moderate silica alt'n and leucoxene flecs, fractures at 50 and deg TCA with qtz+chl		
BG10-21	78.90	79.70	B25381	0.80	0.823	3-5% diss py in ifrequent fractures, leucoxene flecs, magentic in patches; fault at 79.6		
BG10-21	79.70	80.40	B25382	0.70	0.960	3-5% very fine py predom between 80 to 80.1m; slips at 80 m; leucoxene fle		
BG10-21	80.40	80.90	B25383	0.50	<.03	<1% diss py; very megneti		
BG10-21	80.90	81.50	B25384	0.60	0.206	increase in leucoxene flecs and fractures with chl+qtz; 5% grey-white qtz veinle		
BG10-21	81.50	82.60	B25385	1.10	<.03	10% white carb opaque veins <0.5 cm wide; 1% diss p		
BG10-21	82.60	83.10	B25386	0.50	2.983	10-15% carb+qtz veining predom at 70-75 deg TCA with epi+chl + py; overall 3-5% py; leucoxene flecs	3.154	2.811
BG10-21	83.10	83.60	B25387	0.50	0.549	as above but less leucoxene flec		
BG10-21	83.60	84.20	B25388	0.60	1.440	10-12% anhedral py assoc with <0.5 cm wide qtz+carb+epi+chl veinlets approx 15-25%; leucoxene flecs	1.371	1.509
BG10-21	84.20	85.20	B25390	1.00	<.03	<1% diss py; 10-20% qtz+carb+epi veinlets; late repetetive white carb veinlets at 5 deg TCA, minor spalsh c +py		
BG10-21	85.20	86.20	B25391	1.00	0.411	as above, unit very magnetic, no leucoxer		
BG10-21	86.20	86.60	B25392	0.40	2.160	as above, unit very magnetic, no leucoxer	2.057	2.263
BG10-21	86.60	88.00	B25393	1.40	0.206	as above, unit very magnetic, no leucoxer		
BG10-21	88.00	88.70	B25394	0.70	0.206	as above, unit very magnetic, no leucoxene; 88.1 to 88.16 m qtz+ epi with very fine		
BG10-21	88.70	89.20	B25395	0.50	1.577	88.7 to 89.16 m epi+carb+qtz veinlets with 1-2% py overall; leucoxene fle	1.646	1.509
BG10-21	89.20	90.06	B25396	0.86	1.783	<1% diss py; 10-15% qtz+carb+epi veinlet	1.783	1.783
BG10-21	90.06	91.50	B25397	1.44	<.03	<1% diss py; 5-10% carb+epi veinlets predom at 0 deg TC		
BG10-21	91.50	93.00	B26495	1.50	0.050			
BG10-21	93.00	93.90	B25399	0.90	<.03	5% hairline fractures with epi+carb+qt		
BG10-21	93.90	94.40	B25400	0.50	<.03	94 to 94.16 m 5-7% fine gr py with silica alt'n + leucoxene flecs; 10-15% qtz+carb veining 30 deg TC		
BG10-21	94.40	94.80	B25401	0.40	<.03	5% hairline fractures with epi+carb+qt		
BG10-21	94.80	95.60	B25402	0.80	0.549	at 95 m 2cm wide qtz+carb vein at 50 deg TCA with fine py on margir		
BG10-21	95.60	96.60	B25403	1.00	0.686	96.1 to 96.2 m silica+ leucoxene flecs with a 0.1cm qtz veinlet at 70 deg TCA and 1-3% fine		
BG10-21	96.60	97.60	B25404	1.00	0.411	10% late white carb veining and hairline fractures with chl+py; overall 1-2% fine py; weak leucoxene flecs		
BG10-21	97.60	98.40	B25405	0.80	<.03	5% late white carb veining and hairline fractures with chl+py; overall <1% fine py; weak leucoxene fl		
BG10-21	98.40	99.40	B25406	1.00	<.03	15-20% late white carb with chl margins +py; overall 3-5% py; slips at 55 to 60 deg TCA; minor low angle slips		
BG10-21	99.40	100.40	B25407	1.00	<.03	10% late white carb with chl margins +py; overall 1-3% py; slips at 55 to 60 deg TCA; minor low angle slips		
BG10-21	100.40	101.40	B25408	1.00	<.03	<5% late white carb with chl margins +py; overall <1% p		
BG10-21	101.40	102.00	B25409	0.60	0.274	10% late white carb with chl margins +py; overall 3-5% py; slips at 55 to 60 deg TCA; minor low angle slips		

Hole_ID	From	To	Sample_#	Length	Au ppm	Description	Au ppm_ck	Au ppm-ck2
BG10-21	102.00	103.10	B25410	1.10	0.549	10% late white carb with chl margins +py; overall 1-3% py; slips at 55 to 60 deg TCA; minor low angle slips		
BG10-21	**103.10**	**104.00**	**B25411**	0.90	**4.594**	**start of weak silicified section + leucoxene flecs from 103.1 to 105 m; 15 to 20 % late white carb + qt veining with 5-7% anhedral py; veining is sometimes disjointed and irregular**	**4.320**	**4.869**
BG10-21	104.00	104.40	B25413	0.40	0.617	1-3% py in chl fractures		
BG10-21	104.40	105.10	B25414	0.70	1.509	7-10% anhedral py more often in slips and fractures at 55 to 75 deg TCA, mod silica alt'n with leucoxene fle and chl in slips-fractures	1.440	1.577
BG10-21	105.10	105.60	B25415	0.50	<.03	narrow late grey-white qtz+chl at 5 to 20 deg TC		
BG10-21	105.60	106.40	B25416	0.80	<.03	infreq. Late white qtz+carb veinin		
BG10-21	106.40	106.90	B25417	0.50	1.749	as above; 1 cm vein at 106.6 m with py on margir	1.783	1.714
BG10-21	106.90	108.00	B25419	1.10	<.03	<5% late grey-white qtz+carb veinlet		
BG10-21	108.00	108.70	B25420	0.70	<.03	overall 5-7% py at margins of qtz +chl filled early fractures at 50 deg TC		
BG10-21	108.70	109.20	B25421	0.50	<.03	<1% py, <1% veining		
BG10-21	109.20	109.90	B25422	0.70	<.03	overall 5-7% py at margins of qtz +chl filled early fractures atvarious angles TC		
BG10-21	109.90	111.00	B25423	1.10	<.03	20-25% greywhite qtz+carb at 10 to 40 deg TCA; silica + leucoxene section non magnetic; 5-7% f.g.		
BG10-21	111.00	111.80	B25424	0.80	0.823	strong leucoxene, patchy magnetic; 1-3 py in fracture		
BG10-21	111.80	112.40	B25425	0.60	1.097	10-15% grey-white early veining with py and py in seams; overall 5-8%	1.029	1.166
BG10-21	112.40	113.00	B25427	0.60	<.03	<1% py; strng mag		
BG10-21	113.00	113.70	B25428	0.70	0.206	5-7% py in frac's at 45 to 50 deg TCA; weak silica, mod leucoxene; flt at 113.37		
BG10-21	113.70	114.20	B25429	0.50	0.549	8-10% diss py and fract filled; patchy silica; strng leucoxene flec		
BG10-21	**114.20**	**115.00**	**B25430**	0.80	**0.960**	**start of Mineralized-Silicified Zone; variable silica alt'n + strng leucoxene; 10-12% py + minor cpy in silica and fractures**		
BG10-21	**115.00**	**115.70**	**B25431**	0.70	**0.549**	**less silica than above 5-7% py in fractures with 5% white qtz veinin**		
BG10-21	115.70	116.70	B25432	1.00	0.411	**repetetive fract's at 55 deg TCA <0.2 cm wide with py; overall 10-15% py; non ma**		
BG10-21	116.70	117.20	B25433	0.50	<.03	**3-5% py in fract's; non-mag**		
BG10-21	117.20	118.20	B25435	1.00	0.411	**8-10% py in fract's at 45 to 65 deg; non mag**		
BG10-21	118.20	118.90	B25436	0.70	0.206	**<1% py; slight mag; less silica less leucoxene than abov**		
BG10-21	**118.90**	**119.60**	**B25437**	0.70	**1.920**	**strong silica alt'n; 5-7% py in fractures & pervasive; non mag**	**1.851**	**1.989**
BG10-21	**119.60**	**120.30**	**B25438**	0.70	**1.817**	**<1% py; slight mag; less silica less leucoxene than abov**	**2.057**	**1.577**
BG10-21	**120.30**	**121.30**	**B25439**	1.00	**1.097**	**strong silica alt'n; 5-7% py in fractures & pervasive; non ma**	**1.097**	**1.097**
BG10-21	**121.30**	**122.50**	**B25440**	1.20	**1.303**	**strong 1 cm qtz+ank+chl fault-vein at 0 deg TCA with pervasive py and along slips; py appears remob'd; non mag**	**1.371**	**1.234**
BG10-21	122.50	123.50	B25441	1.00	0.069	<1% py; non mag; weak silica alt; strong leucoxene; <5% late ank veini		
BG10-21	123.50	124.50	B25442	1.00	<.03	as above		
BG10-21	124.50	125.50	B25443	1.00	0.069	at 125 m start of late bull qtz+ ank veining up to 126.45		
BG10-21	125.50	126.10	B25444	0.60	0.274	70% bull white opaque qtz+ank+ch		
BG10-21	**126.10**	**127.10**	**B25445**	1.00	**4.166**	**end of bull white qtz+ank veining 10-15% py in fract's at 20 to 30 deg TCA; strng silica +chl alteration non-mag**	**4.149**	**4.183**
BG10-21	127.10	128.10	B25447	1.00	0.411	3-5% py in occasional fractures; strng leucoxene; wk silica; non-ma		
BG10-21	128.10	129.30	B25448	1.20	0.823	1-3% py in occasional fractures; strng leucoxene; wk silica;magnet		
BG10-21	129.30	129.80	B25449	0.50	1.029	at 129.5, 1 cm wide dk grey qtz vein at 45 deg TCA with pyrite and leucoxene ha	1.029	1.029
BG10-21	129.80	131.50	B25450	1.70	<.03	5% carb filled fractures various angles		
BG10-21	131.50	132.00	B25452	0.50	2.297	131.9 m 1.5 cm wide qtz dk grey vein at 40 deg TCA with 3 cm wide sil+carb+leu+py ha	2.194	2.400
BG10-21	132.00	132.60	B25453	0.60	0.343	1-2% py assoc with qtz+chl filled fractures		

Hole_ID	From	To	Sample_#	Length	Au ppm	Description	Au ppm_ck	Au ppm-ck2
BG10-21	132.60	133.10	B25454	0.50	<.03	5% carb filled fractures various angles		
BG10-21	133.10	133.80	B25455	0.70	0.891	1cm and 10 cm wide sil+carb+leuc+ py sections assoc with fract's at 50 deg TC		
BG10-21	133.80	134.80	B25456	1.00	<.03	5% carb filled fractures various angles		
BG10-21	134.80	135.30	B25457	0.50	0.206	10 cm wide weak sil+leuc+py+carb+epi assoc fractur		
BG10-21	135.30	137.00	B25458	1.70	<.03	3 cm wide weak sil+leuc+py+carb+epi assoc fractur		
BG10-21	137.00	137.80	B25459	0.80	<.03	5% carb+epi filled fractures various angle		
BG10-21	137.80	138.30	B25460	0.50	1.954	138 to 138.2 m strong Kspar?+sil+carb+epi+chl with py+cpy assoc with fract's at 45 to 55 deg TC	2.194	1.714
BG10-21	138.30	139.30	B25461	1.00	<.03	10-20% carb+epi filled fractures various angle		
BG10-21	139.30	139.90	B25462	0.60	0.274	at 139.6 m 1.5 cm wide slip fractures with epi+carb+p		
BG10-21	139.90	140.50	B25464	0.60	<.03	10% carb+epi filled fractures various angle		
BG10-21	140.50	141.10	B25465	0.60	1.269	20 cm section sil+carb+leuc+chl with minor py	1.303	1.234
BG10-21	141.10	141.60	B25466	0.50	0.960			
BG10-21	141.60	142.20	B25467	0.60	0.617	weak py filled fract's <0.2cm wide at 55 to 60 deg TCA; 5% late carb fract		
BG10-21	142.20	142.90	B25468	0.70	1.920	3 cm and 20 cm wide slip-fract sections with epi+carb+Kspar+wk py+cl	1.989	1.851
BG10-21	142.90	143.70	B25469	0.80	2.126	4 cm wide slip-fract sections with epi+carb+Kspar+wk py+cl	2.126	2.126
BG10-21	143.70	144.40	B25471	0.70	3.189	slip-fract section with moderate epi+carb+Kspar+wk py+cl	3.086	3.291
BG10-21	144.40	144.90	B25472	0.50	0.206	5% carb+epi filled fractures various angle		
BG10-21	**144.90**	**146.10**	**B25473**	1.20	**4.731**	**late <0.5cm wide qtz at 0 deg TCA; weak fract's with epi+chl+carb+wk py at 30-40 deg TCA**	**4.800**	**4.663**
BG10-21	**146.10**	**146.70**	**B25474**	0.60	**5.451**	**4 cm wide slip-fract sections with epi+carb+wk py+chl and late qtz vein with cp**	**5.623**	**5.280**
BG10-21	**146.70**	**147.70**	**B25475**	1.00	**6.514**	**3 cm and 10 cm wide slip-fract sections with epi+carb+wk py+ch**	**7.337**	**5.691**
BG10-21	147.70	149.00	B25476	1.30	0.069	10% carb+epi filled fractures various angle		
BG10-21	149.00	150.00	B25477	1.00	<.03	149.3 to 149.4 strong flt at 10 deg TCA subparallel fracture with strong epi+mod py <0.5 cm wi		
BG10-21	150.00	150.70	B25478	0.70	<.03	10% carb+epi filled fractures various angles; one late carb veinlet with cp		
BG10-21	150.70	151.70	B25479	1.00	0.343	10% carb+epi filled fractures various angles		
BG10-21	151.70	152.70	B25480	1.00	2.880	at 152 to 152.06 m and 152.4 to 152.6 m strong py seams at 60 deg TCA with possible cpy component giv brassy colour	2.537	3.223
BG10-21	152.70	154.50	B25482	1.80	<.03	10% carb+epi filled fractures various angles		
BG10-22	7.95	8.90	B25501	0.95	0.754	mottled; 0.15m bl'd sil'd-almost pa gy qv w 8% cse d py+ vn py@5		
BG10-22	8.90	9.70	B25502	0.80	<.03	2-3% cse d py locy conc		
BG10-22	12.20	13.20	B25503	1.00	<.03	2-3% cse d py locy conc assd w q-ank @35; wy ser		
BG10-22	13.20	14.05	B25504	0.85	<.03	2* 1" chl-q-ank flt's w 3-5% f+ cse d py+ spec hem vn's; c		
BG10-22	14.05	15.30	B25505	1.25	<.03			
BG10-22	21.00	22.20	B25506	1.20	<.03	3% q-ank		
BG10-22	22.20	23.35	B25507	1.15	<.03	1" 70% cse py vn@55 in 0.3m posy por dyke or hily bl'd zone w 5% cse d		
BG10-22	23.35	23.80	B25508	0.45	<.03	fresh		
BG10-22	26.35	27.15	B25509	0.80	<.03	5% q-ank; fresh; 3/4" 15% cse d py vn@54 x-cuts q-ank str's @11		
BG10-22	27.15	27.95	B25510	0.80	<.03	0.1m 10% cse+ 10% f d py assd w chl shr's+ 1/2" dk gy sil-chl vn-all@59 in 0.25m 20% leuc		
BG10-22	27.95	28.75	B25511	0.80	<.03	fresh		
BG10-22	37.50	38.25	B25512	0.75	2.229	ct; 1/2" dk pur sil-chl-spec vn@49 w rare cp	2.537	1.920
BG10-22	47.50	48.50	B25513	1.00	<.03	ct; 5% cse d py assd w 3/4" q-ank-chl vn@7		
BG10-22	48.50	49.85	B25514	1.35	<.03			
BG10-22	49.85	50.45	B25515	0.60	<.03	1.5" 30% cse+15% f d py vn@73 assd w q-ank; in 0.2m 10% leuc		
BG10-22	50.45	51.80	B25516	1.35	<.03	1/8" 20% cse d py vn@4		

Hole_ID	From	To	Sample_#	Length	Au ppm	Description	Au ppm_ck	Au ppm-ck2
BG10-22	69.85	70.60	B25517	0.75	<.03			
BG10-22	70.60	71.40	B25518	0.80	0.411	0.1m wy sil'd w 10% cse d py+ 0.05m 30% cse d py assd w q-an		
BG10-22	71.40	72.00	B25519	0.60	<.03	BC		
BG10-22	72.00	72.50	B25520	0.50	<.03	2% cse d py		
BG10-22	72.50	73.75	B25521	1.25	<.03	0.05m hem'd wy w 10% cse d p		
BG10-22	73.75	75.20	B25522	1.45	<.03	wy hem'd locy		
BG10-22	75.20	76.00	B25523	0.80	<.03			
BG10-22	76.00	76.65	B25524	0.65	<.03			
BG10-22	76.65	77.20	B25525	0.55	1.131	0.15m q-ank vn@48 w 20% chl ang bx frag's +5% f d py imm foll by 1/4" chl flt in BC imm foll by intense bl' sil'd mauve-buff zone w 5% f+ 8% cse d py	1.166	1.097
BG10-22	77.20	78.00	B25526	0.80	2.297	peak of alt'n as above but w 50-70% cse d py+	2.057	2.537
BG10-22	78.00	78.75	B25527	0.75	1.269	intense bl'd, sil'd mauve-buff zone w 5% f+ 8% cse d p	1.234	1.303
BG10-22	78.75	79.70	B25529	0.95	1.029	15% leuco; 5-8%cse d py; 5% q-ank vn's/blebs to 1/2"@4	1.029	1.029
BG10-22	79.70	80.70	B25530	1.00	0.411	10% leuco; fresher; 5% q-ank		
BG10-22	80.70	81.65	B25531	0.95	1.611	10% leuco; 2% q-ank; 1" 10% cse d py@2	1.577	1.646
BG10-22	81.65	82.60	B25532	0.95	1.166	10% leuco ends @82.3	1.234	1.097
BG10-22	82.60	83.40	B25533	0.80	0.206	1/8" q-ank w 5% cse d py@27		
BG10-22	83.40	84.80	B25534	1.40	<.03	fresh		
BG10-22	84.80	85.50	B25535	0.70	0.549	0.15m 10-15% cse d py assd w q-ank@29 in leuco hal		
BG10-22	85.50	86.60	B25536	1.10	0.069	0.05m 10-15% cse d py assd w q-ank@38 in leuco hal		
BG10-22	86.60	87.90	B25537	1.30	<.03	fresh		
BG10-22	87.90	88.50	B25538	0.60	<.03	fresh		
BG10-22	88.50	89.30	B25539	0.80	2.914	0.2m 5% f +10% cse d py@65 assd w q-ank	2.811	3.017
BG10-22	89.30	90.50	B25540	1.20	<.03	2% cse d py locy conc in chl @70		
BG10-22	90.50	91.70	B25541	1.20	0.274	1" 8% cse d py@22 assd w q-ank		
BG10-22	91.70	92.50	B25542	0.80	2.743	0.3m 5% cse d py+ 10% leuco@45	2.674	2.811
BG10-22	92.50	93.30	B25543	0.80	2.297	1/2" q-ank vn +8% cse d py@5-10	2.263	2.331
BG10-22	93.30	94.10	B25544	0.80	0.206	leuco @10		
BG10-22	94.10	95.25	B25545	1.15	1.474	50% sections 10% leuco w 5% cse d py assd w q-ank (5%)-all@5	1.509	1.440
BG10-22	95.25	96.15	B25546	0.90	0.411	70% sections 10% leuco w 5% cse d py assd w q-ank (5%)-all@5		
BG10-22	96.15	97.50	B25547	1.35	<.03	fresh		
BG10-22	97.50	98.90	B25548	1.40	0.137	1/4"-1/2" vuggy q-ank vn@22 w 5% cp		
BG10-22	98.90	100.20	B25549	1.30	<.03	fresh; 5% epi		
BG10-22	100.20	100.85	B25550	0.65	<.03	2* 1/4" q-ank vn's w 5% cp+10% cse d py+vn py-@20+1		
BG10-22	100.85	102.35	B25551	1.50	<.03	2* bull q-ank vn's@32; fresh; 5% ep		
BG10-22	102.35	103.80	B25552	1.45	<.03	2- 1 cm slips with carb+qtz+chl+minor epi at 15 deg TCA with py; hairline slips at 103.2 m at 85 deg TC chl+carb; mag; <1% py overall		
BG10-22	103.80	104.60	B25553	0.80	3.154	**104.2 to 104.36 m a 75% pyritic seam with cpy+carb+qtz+epi, strong narrow shear at 104.24 m at 70 de TCA**	2.880	3.429
BG10-22	104.60	106.00	B25554	1.40	0.206	**3 - 1 to 2 cm wide veins with strong py+dk qtz+carb+epi at 60 to 70 deg TC**		
BG10-22	106.00	106.80	B25555	0.80	<.03	<5% carb+epi veining at 0 to 25 deg TC		
BG10-22	110.60	111.90	B25556	1.30	<.03	10-15% brittle fracturing with carb+epi at 35-45 and 0 deg TC.		
BG10-22	111.90	113.00	B25557	1.10	2.743	**112.1 to 112.25 m 50% py seam at 45 deg TCA with qtz+carb fractures at 35 to 60 deg TCA epi + leucoxene halo and 112.82 to 112.9 m hairline frac's with 25% py, carb+qtz+epi+leuc**	2.194	3.291
BG10-22	113.00	114.00	B25558	1.00	<.03	10% brittle fracturing with carb+epi at 35-45 and 0 deg TC.		

Hole_ID	From	To	Sample_#	Length	Au ppm	Description	Au ppm_ck	Au ppm-ck2
BG10-22	116.00	116.70	B25559	0.70	<.03	116.1 to 116.5 m 1 cm vein calcite+qtz+epi at 5 deg TCA with splash of cp		
BG10-22	116.70	117.20	B25560	0.50	0.069	at 117 m 3 cm epi with hairline qtz frac's + 2% p		
BG10-22	117.20	118.10	B25561	0.90	0.960	8 - parallel frac+slip+qtz+carb+epi veining at 55 to 75 deg TCA with 5-7% py and 15% qtz+carb overall; weak mod leuc, alt'n; weakly mag		
BG10-22	118.10	119.10	B25562	1.00	<.03	<0.25 cm veins with carb+epi at 65 to 85 deg TCA; some frac's with minor p		
BG10-22	124.80	125.50	B25563	0.70	<.03	qtz+calcite vein approx. 2 cm wide at 20 deg TCA; hairline brittle frac's at 65 degTCA with epi hal		
BG10-22	125.50	127.00	B25564	1.50	<.03	5% qtz+ caclite veinlets at predom low angles TCA; minor hairline frac's with py+c		
BG10-22	127.00	128.00	B25565	1.00	<.03			
BG10-22	128.00	128.50	B25566	0.50	6.583	*128 to 128.24 m 10-15% py in frac's at 40 to 55 deg TCA with epi+leuc.*	5.006	8.160
BG10-22	128.50	129.00	B25568	0.50	0.069	<5% qtz+ caclite veinlets at predom low angles TC		
BG10-22	129.00	129.50	B25569	0.50	0.274	129.1 to 129.24 m 1 cm carb vein 5-7% py on margins at 15 deg TC		
BG10-22	129.50	130.50	B25570	1.00	<.03	1-3% py in hairline brittle frac's		
BG10-22	130.50	131.50	B25571	1.00	<.03	<5% qtz+ caclite veinlets at predom low angles TC		
BG10-22	131.50	132.00	B25572	0.50	0.206	131.6 - 131.72 carb+qtz vein in weak shear at 85 deg TC		
BG10-22	132.00	132.90	B25573	0.90	<.03	10% calcite+qtz predom at low angles TCA with minor splash of cpy; 1-3% diss py in frac		
BG10-22	132.90	133.50	B25574	0.60	<.03	133.25 m 1cm dk grey qtz vein at 40 deg TCA; 10% cal+qtz low angle veins predom low angle TC		
BG10-22	133.50	134.00	B25575	0.50	<.03	10% calcite+qtz predom at low angles TCA with minor splash of cpy; 1-3% diss py in frac		
BG10-22	134.00	135.00	B25577	1.00	<.03	10% calcite+qtz predom at 0 deg TCA; 1-3% diss py in frac'		
BG10-22	135.00	136.00	B25578	1.00	<.03	10-15% calcite+qtz predom 0 to 5 deg TCA; 1-3% diss py in frac'		
BG10-22	136.00	136.50	B25579	0.50	<.03	25% calcite+qtz predom 0 to 5 deg TCA; 1-3% diss py in frac's at 35 to 40 deg TC		
BG10-22	136.50	137.50	B25580	1.00	<.03	25% calcite+qtz predom 5 to 20 deg TCA		
BG10-22	137.50	138.50	B25581	1.00	0.137	start of shear zone ; 3-5% py at margins of frac's - veins at 0 to 40 deg TCA; 0-15% late white carb in low ang veining		
BG10-22	138.50	139.50	B25582	1.00	0.343	strng 20 deg TCA shearing with leuc; <5% late carb veining at 20 deg TCA; 1-3% p		
BG10-22	139.50	140.90	B25583	1.40	2.023	strng 20 deg TCA shearing with leuc; <5% late carb veining at 20 deg TCA; <1% p	1.920	2.126
BG10-22	140.90	141.50	B25584	0.60	0.343	strng fault at 20 deg TCA; 20% carb + chl veining; <1% py; leuc		
BG10-22	141.50	142.30	B25585	0.80	0.480	25% carb+ank veining at 35 deg TCA; leuc; 1-2% py in frac'		
BG10-22	142.30	142.80	B25586	0.50	1.989	25% carb+ank veining at 35 deg TCA; leuc; 5-7% py in frac's over a 4 cm wide secti	1.646	2.331
BG10-22	**142.80**	**144.00**	**B25587**	1.20	**5.246**	**start of Carb+Pyritized Zone: <10% carb+ank veining; 8-10% py in frac's at 35 to 40 deg TCA; strng carb alt'n**	**5.349**	**5.143**
BG10-22	**144.00**	**145.00**	**B25588**	1.00	**18.274**	**8-15%py; strng carb altn; <2% carb veining**	**19.543**	**17.006**
BG10-22	**145.00**	**146.00**	**B25589**	1.00	**33.360**	**12-15% diss py; hairline dk gy qtz at 35 to 40 deg TCA**	**37.303**	**29.417**
BG10-22	**146.00**	**146.60**	**B25590**	0.60	**4.217**	**10-12% diss py**	**4.183**	**4.251**
BG10-22	**146.60**	**147.30**	**B25591**	0.70	**7.234**	**25%-30% py over entire sample; foln fabric at 30 - 40 deg TCA; sharp alt'n cntact at 147.22**	**6.994**	**7.474**
BG10-22	147.30	148.30	B25593	1.00	0.274	three 1 cm to 2 cm wide subparallel lt calcite+qtz veining at 10 deg TCA; 1-3% diss py at margins of veins		
BG10-22	148.30	149.20	B25594	0.90	0.549	5% carb qtz veinlets at 30 and 65 deg TCA; py at margins of <0.2 cm ve		
BG10-22	149.20	149.80	B25595	0.60	<.03			
BG10-22	149.80	150.30	B25596	0.50	0.549	149.3 m <0.5cm vein at 40 deg TCA with carb+chl+leuc halo with p		
BG10-22	150.30	151.20	B25597	0.90	<.03	<1% py; minor lt cal+carb veinlet		
BG10-22	151.20	152.00	B25598	0.80	<.03	wk flt at 151.3m and 151.72m 2.5 cm carb+chl vein at 85 deg TCA, leuc+hem ha		
BG10-22	152.00	153.20	B25599	1.20	<.03			
BG10-22	**153.20**	**153.80**	**B25601**	0.60	**120.310**	**40 cm wide section, increase in carb veining, overall 15% with assoc 5-7%py +cpy in carb alt'n; lack strong structural assoc.**	**104.984**	**135.635**
BG10-22	153.80	154.80	B25602	1.00	0.206	10-15% lt carb veining; overall <1% p		

Hole_ID	From	To	Sample_#	Length	Au ppm	Description	Au ppm_ck	Au ppm-ck2
BG10-22	154.80	156.00	B25603	1.20	0.206	15-20% strng brittle frac's with carb+qtz; infreq frac's with py; overall py 1-2		
BG10-22	156.00	157.00	B25604	1.00	0.480	15%mod brittle frac's with carb+qtz; 0 deg TCA <0.2 cm frac with py+car		
BG10-22	157.00	158.50	B25605	1.50	0.069	weak frac's with carb+qtz		
BG10-22	158.50	160.00	B25606	1.50	0.137	<1% py in infreq frac's		
BG10-22	160.00	160.50	B25607	0.50	0.549	10% frac's with carb; <1% py		
BG10-22	160.50	161.10	B25608	0.60	0.823	160.8 to 161 m carb section with 3-5% py carb+chl frac'		
BG10-22	161.10	162.50	B25609	1.40	<.03	20-25% carb veining; <1% py		
BG10-22	162.50	163.00	B25610	0.50	0.137	162.83 m 3 cm py seam with epi halo+ carb at 30 deg TC		
BG10-22	163.00	163.90	B25611	0.90	<.03	5% frac's with carb; <1% py		
BG10-22	163.90	164.70	B25612	0.80	0.206	two separate 3 cm wide carb zones at 164 and 164.6 m with 3-5% py + e		
BG10-22	164.70	165.50	B25613	0.80	<.03	0 deg TCA carb+calcite veining		
BG10-22	165.50	166.70	B25614	1.20	<.03	as above		
BG10-22	166.70	168.00	B25615	1.30	<.03	5% epi+carb veining		
BG10-22	168.00	169.50	B25616	1.50	<.03	5% epi+carb veining at 65 and 25 deg TC		
BG10-22	169.50	170.00	B25617	0.50	0.480	10% epi+carb veining		
BG10-22	170.00	170.50	B25618	0.50	0.617	170.2-170.27m epi+qtz+carb vein at 50 deg TCA 5-7% p		
BG10-22	170.50	171.00	B25619	0.50	<.03	5% epi+carb veining		
BG10-23	3.30	4.80	B46727	1.50	0.754	multiple and wide spaced 0.25 to 1 cm wide carb + chl vn's with py at 45 to 65 deg TCA; overall 1-3% py; FP		
BG10-23	4.80	5.30	B46728	0.50	1.406	as above	1.509	1.303
BG10-23	6.30	7.00	B46729	0.70	<.03	1-2% py at FP - Diorite contac		
BG10-23	7.00	7.80	B46730	0.80	<.03	2 cm vn+slip + minor pyat 30 deg TCA at 7.6 m; <1% py over		
BG10-23	17.50	18.30	B53056	0.80	<.03	infill sample		
BG10-23	18.30	18.80	B46731	0.50	<.03	1-3% fg diss py in 0 deg TCA hairline frac		
BG10-23	18.80	19.50	B46732	0.70	1.097	start of weak shear +bx + frac zone; flt at 18.9m at 70 deg TCA; 3-5% diss py in frac's with chl; 10-15% leuc flecs	1.234	0.960
BG10-23	19.50	20.50	B46733	1.00	0.686	as above; 1-3% diss py		
BG10-23	20.50	21.50	B46734	1.00	0.823	as above; 1-3% diss py		
BG10-23	21.50	23.00	B53057	1.50	<.03	infill sample		
BG10-23	23.00	24.50	B53058	1.50	0.480	infill sample		
BG10-23	24.50	26.00	B53059	1.50	<.03	infill sample		
BG10-23	26.00	27.50	B53060	1.50	0.206	infill sample		
BG10-23	27.50	28.10	B46735	0.60	<.03	1% py on margins of carb vr		
BG10-23	*28.10*	*28.60*	*B46737*	0.50	2.846	*start of leuc flec+py+frac zone; 3-5% py; 10-15% leuc flecs; 5% grey white carb vn'ing*	2.743	2.949
BG10-23	*28.60*	*29.30*	*B46738*	0.70	2.160	*1-3% diss py in matrix and in frac's; 29 to 29.2 Flt at 20 deg TCA with 1.5 to 2cm wide carb+calcite vn with chl*	2.263	2.057
BG10-23	*29.30*	*30.20*	*B46739*	0.90	0.960	*1-2% diss py; 5% leuc flecs*		
BG10-23	*30.20*	*30.70*	*B46740*	0.50	1.749	*3-5% py on margins of 20 deg TCA carb+chl vn at 20 deg TCA and in matrix*	2.057	1.440
BG10-23	*30.70*	*31.20*	*B46741*	0.50	0.891	*1-3% diss py; 5-10% leuc flecs; near ing strong alt'n + shear zone*		
BG10-23	***31.20***	***31.70***	***B46742***	0.50	1.920	***MH Zone 31.2m to 33m, 10-20% diss py fg and med anhedral to subhedral + strong mauve coloured leuc flecs + dk grey and white sil + chl in frac's + <2% late grey white carb vnlets; shear frac's - slips at 20 to 30 deg TCA***	1.920	1.920
BG10-23	***31.70***	***32.20***	***B46743***	0.50	2.229	***as with 31.2 to 31.7m***	2.057	2.400
BG10-23	**32.20**	**32.70**	**B46745**	0.50	3.189	***as with 31.2 to 31.7m; possible flt at 32.5m at 20 to 25 deg TC***	3.154	3.223
BG10-23	**32.70**	**33.30**	**B46746**	0.60	21.738	***as with 31.2 to 31.7m***	21.326	22.149

Hole_ID	From	To	Sample_#	Length	Au ppm	Description	Au ppm_ck	Au ppm-ck2
BG10-23	33.30	34.00	B46747	0.70	0.960	3-5% diss py in matrix and 0 deg TCA frac's; 10-15% leuc flecs		
BG10-23	34.00	35.00	B46748	1.00	0.686	34 to 34.5m 3-5% py in 0 deg TCA frac with carb+ chl; after 34.5m occasional vn- frac's with carb +		
BG10-23	35.00	36.00	B46749	1.00	0.069	1-3% 0 to 20 deg TCA <0.25 cm vnlets with py + chl+ car		
BG10-23	36.00	37.00	B46750	1.00	0.069	as above		
BG10-23	37.00	38.00	B46751	1.00	0.069	as above		
BG10-23	41.40	42.20	B46753	0.80	0.069	Diorite to FP contact; 1% py		
BG10-23	43.10	44.60	B53061	1.50	<.03	infill sample		
BG10-23	44.60	46.00	B53062	1.40	<.03	infill sample		
BG10-23	46.00	47.00	B53063	1.00	<.03	infill sample		
BG10-23	47.00	48.20	B53064	1.20	<.03	infill sample		
BG10-23	48.20	49.10	B46754	0.90	2.023	FP-Diorite contact; in diorite leuc flecs; 48.6 to 49.1 mauve coloured alt'n sil+ chl+minor ser; 3-5% fg py in hairline frac's	2.194	1.851
BG10-23	49.10	50.00	B53065	0.90	<.03	infill sample		
BG10-23	50.00	51.00	B53066	1.00	<.03	infill sample		
BG10-23	51.00	52.50	B53067	1.50	<.03	infill sample		
BG10-23	52.50	54.00	B53068	1.50	<.03	infill sample		
BG10-23	54.00	54.80	B53069	0.80	<.03	infill sample		
BG10-23	54.80	55.80	B46755	1.00	0.069	two late qtz+calcite vn's at 30 to 65 deg TCA with widths of 2 and 10 cm with splash of c		
BG10-23	55.80	57.00	B53070	1.20	<.03	infill sample		
BG10-23	57.00	58.50	B53071	1.50	<.03	infill sample		
BG10-23	58.50	60.00	B53072	1.50	<.03	infill sample		
BG10-24	8.70	9.55	B25746	0.85	<.03	slip;hily bl'd; 2% f d py; all@8		
BG10-24	10.45	11.00	B25747	0.55	<.03	slip; 1/4" q to q-ank vn on slip w ser'd ct's+ w 2% f d py in BC; mody bl		
BG10-24	12.00	13.65	B25748	1.65	<.03	wy hem'd; 3% f d py assd w ser-q-ank@43+ 1/8" q-ank vn's@12		
BG10-24	14.50	15.00	B25749	0.50	<.03	wy bl'd; 2% cse d py; 5% q-ank; all@6		
BG10-24	23.50	24.80	B25750	1.30	<.03	hem'd brick red; no obvious struct; 2% cse d py assd w chl; all@3		
BG10-24	38.50	39.75	B25801	1.25	0.411	bl'd hily@80; hem'd locy mody; 1/4" 70% cse py vn@26; 1/4" dull gy q-ank vn w 20% spec hem @120 w ser' 1-2% cse d py		
BG10-24	39.75	40.75	B25802	1.00	0.206	hem'd mody; 2% cse d py; ser'		
BG10-24	43.50	44.10	B25803	0.60	0.274	0.3m q-ank bull pkish vn w 10% chl@2		
BG10-24	50.65	51.25	B25804	0.60	0.754	wy bl'd; 2% cse d py; assd w chl-q-ank fract's@1		
BG10-24	53.40	54.00	B25805	0.60	<.03	1/2" pa gy qv imm foll by 0.15m hily bl'd; 5% cp in qv-@37 on chl sl		
BG10-24	56.00	57.00	B25806	1.00	0.960	mody bl'd to buff@35 w 3% f d py		
BG10-24	57.00	57.95	B25807	0.95	0.137	20% wy bl'd assd w q-ank@35 w 2% cse d p		
BG10-24	63.00	63.60	B25808	0.60	<.03	mody hem'd 0.2m centred on slip (could be washed out flt); rare		
BG10-24	70.20	71.35	B25809	1.15	<.03	1/4" pk carb-chl slip shim imm foll by wy bl"d w 15% q-an		
BG10-24	74.25	75.20	B25810	0.95	<.03	ct; 5% q-ank vn's@60; posy chill zon		
BG10-24	75.20	75.95	B25811	0.75	<.03	10% q-ank; rare py		
BG10-24	75.95	76.55	B25813	0.60	0.274	5% q-ank; 2% cse d py assd w ep		
BG10-24	**76.55**	**77.90**	**B25814**	1.35	**3.429**	**BC; well min'd w 0.05m dk gy sil-chl vn@47 w 4-5% cse d py; 8-20% cse d py; 3/4" 70% cse d p vn@25@77.3; flt@77.77 likely washed out imm foll by 0.1m bx w 20% dk gy sil-chl frags+70% cse py, 20-30% f+cse d py in chl-ser @77.3-77.77 in BC**	**3.291**	**3.566**
BG10-24	77.90	78.60	B25816	0.70	<.03	fresh; rare py		
BG10-24	78.60	79.50	B25817	0.90	<.03	fresh; rare py		
BG10-24	92.25	93.30	B25818	1.05	<.03	5% cse d py locy conc assd w 30% epi+30% q-ank blebs/vn's to 1"-all@1		

Hole_ID	From	To	Sample_#	Length	Au ppm	Description	Au ppm_ck	Au ppm-ck2
BG10-24	93.30	94.55	B25819	1.25	<.03	3% cse d py locy conc; freshens downhol		
BG10-24	94.55	95.30	B25820	0.75	0.069	0.2m of 10% q-ank+25% epi+2% cse d p		
BG10-24	95.30	96.00	B25821	0.70	<.03	5% cse d py locy conc		
BG10-24	103.50	104.05	B25255	0.55	0.034			
BG10-24	104.05	105.50	B25256	1.45	0.034			
BG10-24	105.50	106.00	B25822	0.50	<.03	1" bull med gy q-ank vn w 0.05m 20% epi@47 w 1% cse d p		
BG10-24	106.00	106.50	B25257	0.50	0.034			
BG10-24	106.50	107.10	B25259	0.60	0.069	1/8"-1/4" cse py vn @2(		
BG10-24	107.10	107.90	B25260	0.80	0.034			
BG10-24	107.90	108.80	B25823	0.90	0.960	0.05m hem'd hily w 15-2% cse d py@65; 0.2m q-ank-epi vn@7		
BG10-24	108.80	109.75	B25261	0.95	0.034	1/8" 20% cse py vn @5+45		
BG10-24	109.75	111.00	B25262	1.25	0.034			
BG10-24	111.00	112.50	B25263	1.50	0.069			
BG10-24	112.50	114.00	B25264	1.50	0.034			
BG10-24	114.90	116.50	B25265	1.60	0.034			
BG10-24	116.50	117.25	B25266	0.75	0.034	1/4" med gy QV w 20% cse py @5(		
BG10-24	117.25	117.75	B25267	0.50	0.034			
BG10-24	117.75	118.50	B25268	0.75	0.480	1/8" 70% cse py vn @2(		
BG10-24	118.50	120.00	B25269	1.50	0.034			
BG10-24	120.00	121.50	B25270	1.50	0.034			
BG10-24	121.50	123.00	B25271	1.50	0.034	2*0.1m 20% leuco @7(		
BG10-24	123.00	124.50	B25272	1.50	0.034			
BG10-24	124.50	126.00	B25273	1.50	0.034		25275	
BG10-24	126.00	127.20	B25274	1.20	0.034			
BG10-24	127.20	128.00	B25275	0.80	0.034			
BG10-24	128.00	129.00	C13454	1.00	<.03	MIN infilung py inrpm, v's 1-2% INFILI		
BG10-24	129.00	130.00	C13455	1.00	.<03	py v-inrp, 129.95, 40 drg TLA INFILI		
BG10-24	130.00	131.00	C13456	1.00	<.03	prrv <1% py INFILL		
BG10-24	131.00	132.00	C13457	1.00	<.03	prrv <1% py INFILL		
BG10-24	132.00	132.90	C13458	0.90	<.03	rpi - carb v's wispy - low anglr INFILI		
BG10-24	132.90	133.80	B25824	0.90	<.03	30%q-ank-epi vn 0.05m @14 w 10% cse bleb py-cp(?		
BG10-24	133.80	135.00	B25825	1.20	0.069	50%q-ank-epi vn 0.05m @14 w 10% cse bleb py-cp(?		
BG10-24	135.00	136.00	C13459	1.00	<.03	prrv INFILL		
BG10-24	136.00	136.90	C13460	0.90	0.960	Levcox/py 136.3 - 136.6 n/1-5% INFILI		
BG10-24	136.90	138.00	C13461	1.10	<.03	minrp - carb, py 1% INFILL		
BG10-24	138.00	139.00	C13462	1.00	<.03	prrv INFILL		
BG10-24	139.00	139.70	C13463	0.70	<.03	INFILL		
BG10-24	139.70	141.40	B25826	1.70	0.069	3% cse d py assd w epi-q-ank@3		
BG10-24	**141.40**	**142.20**	**B25827**	0.80	**12.309**	**0.05m 70% cse py in vn@34 in 25% epi; 10% leuco assd**	**9.532**	**15.086**
BG10-24	142.20	143.00	B25828	0.80	<.03	1/2" pa gy qv w 5% cse d py@4		
BG10-24	143.00	144.00	C13464	1.00	<.03	rpiv's min py INFILL		
BG10-24	144.00	145.00	C13465	1.00	<.03	prrv INFILL		
BG10-24	145.00	146.00	C13466	1.00	<.03	prrv INFILL		
BG10-24	146.00	147.00	C13467	1.00	<.03	min wispy rpl + carb v's min py INFILI		

Hole_ID	From	To	Sample_#	Length	Au ppm	Description	Au ppm_ck	Au ppm-ck2
BG10-24	147.00	148.00	C13468	1.00	<.03	prrv INFILL		
BG10-24	148.00	148.90	C13469	0.90	<.03	INFILL		
BG10-24	148.90	150.00	B25829	1.10	<.03	1/2" chl-qtz vn @32 w 5% f+ 10% cse d py; 20% epi w 3% cse d py; 5% leuc		
BG10-24	150.00	150.60	B25830	0.60	0.343	5% cse d py assd w q-ank-epi@2(		
BG10-24	150.60	151.60	C13470	1.00	0.480	Levcox, min py INFILL		
BG10-24	151.60	152.70	C13471	1.10	0.069	Low anglr carb v's min py INFILL		
BG10-24	152.70	153.70	B25831	1.00	1.851	20% leuco; 3% cse d py230 assd w 5% q-an	1.851	1.851
BG10-24	153.70	154.65	B25832	0.95	<.03			
BG10-24	154.65	155.80	B25833	1.15	0.206	20% leuco;		
BG10-24	155.80	156.55	B25834	0.75	<.03	5% leuco; 1/2" pk carb vn w 15% spec hem+1% c		
BG10-24	156.55	157.60	B25835	1.05	<.03	3% cse d py locy conc; 10% spec hem; 0.1m q-ank vn@39; 0.15m q-ank-chl-spec vn is bx'd-@		
BG10-24	157.60	158.75	B25836	1.15	<.03	3% leuco; 3% q-ank@3		
BG10-24	158.75	159.95	B25837	1.20	<.03	10% leuco; 5% q-ank; 3% spe(		
BG10-24	159.95	160.95	B25838	1.00	<.03	10% q-ank vn's to 1" @48 locy w rare c		
BG10-24	160.95	162.00	C13472	1.05	<.03	Levcox min py in carb v's INFIL		
BG10-24	162.00	163.00	C13473	1.00	<.03	Low Anglr carb v's 1-3% py Levcox INFIL		
BG10-24	163.00	164.00	C13474	1.00	<.03	prrv INFILL		
BG10-24	164.00	164.70	C13475	0.70	<.03	min wispy carb v's <1% py INFILL		
BG10-24	164.70	165.90	B25839	1.20	0.069	8% q-ank@5-10 w 5% cse d p		
BG10-24	165.90	167.05	B25840	1.15	0.411	0.1m q-ank vn w rare bx wallrock frags wy hem'd imm prec by 1/2" 50% cse d py vn @		
BG10-24	167.05	167.90	B25841	0.85	0.069	5% q-ank		
BG10-24	167.90	169.00	C13476	1.10	<.03	Blocky min py INFILL		
BG10-24	169.00	170.00	C13477	1.00	<.03	Very blocky INFILL		
BG10-24	170.00	171.00	C13478	1.00	<.03	rpiv's carb <<< py INFILL		
BG10-24	171.00	172.00	C13479	1.00	<.03	rp llots prrv INFILL		
BG10-24	172.00	173.25	C13480	1.25	<.03	INFILL		
BG10-24	173.25	174.35	B25842	1.10	<.03			
BG10-24	174.35	175.10	B25843	0.75	1.029	0.1m w 20% cse d py+ one 1/4" bleb cp in q-ank vn-all@38 imm foll by 20% leuco+30% epi+8% cse d py	1.029	1.029
BG10-24	175.10	175.90	B25844	0.80	0.206	5% epi; 2% cse d py locy conc; 1/4" q-ank vn@1		
BG10-24	175.90	177.00	C13481	1.10	<.03	INFILL		
BG10-24	177.00	178.00	C13482	1.00	<.03	Carb QTZV 177.77 - 177.82 50 degree TLA INFILL		
BG10-24	178.00	179.00	C13483	1.00	<.03	QTZ carb V 178.72 - 178.82 ror v's INFILL		
BG10-24	179.00	180.00	C13484	1.00	<.03	Blocky MIN v's/py INFILL		
BG10-24	180.00	181.00	C13486	1.00	<.03	Levcox min py INFILL		
BG10-24	181.00	181.60	**B25865**	0.60	<.03	1/8" pa gy qv imm foll by 1/8" 20% cse d py@38 assd w epi		
BG10-24	181.60	182.40	B25845	0.80	0.137	chl fract's @20-35 w 10-15% cse d p		
BG10-24	182.40	183.05	B25846	0.65	0.343	0.5m hem'd hily assd w 20% leuco+ 15% cse d py in 30% dull wt qv's-all@22-		
BG10-24	183.05	183.90	B25847	0.85	<.03	green		
BG10-24	183.90	185.00	B25848	1.10	<.03	10% q-ank; gn; 2% f d py in last 0.2m where pur hu		
BG10-24	185.00	186.35	B25849	1.35	<.03	10% q-ank; 0.2m 10% leuco; 1" 5% cse d py+ spec hem in pur q-ar		
BG10-24	186.35	187.75	B25850	1.40	<.03			
BG10-24	187.75	188.65	B25851	0.90	<.03			
BG10-24	188.65	189.50	B25852	0.85	0.754	10% cse d py over 0.3m assd w med gy q str's (3* 1/8"-1/4"); 15% leuco; 20% q-ank-all@45; mauve hue		

Hole_ID	From	To	Sample_#	Length	Au ppm	Description	Au ppm_ck	Au ppm-ck2
BG10-24	189.50	190.35	B25854	0.85	<.03	0.15m 10% leuco w 20% q-ank-carb@45 w 2% f d p		
BG10-24	190.35	191.30	C13487	0.95	<.03	INFILL		
BG10-24	191.30	192.10	C13488	0.80	<.03	INFILL		
BG10-24	192.10	192.95	C13489	0.85	<.03	INFILL		
BG10-24	192.95	193.55	B25855	0.60	0.206	0.2m 70% epi w 20% q-ank+8% cse d py-all@50 centred on 1/4" dull wt q-ank v		
BG10-24	193.55	194.50	C13490	0.95	<.03	min py INFILL		
BG10-24	Blank		C13491		<.03	Blank		
BG10-24	194.50	195.45	B25856	0.95	<.03	2% epi; 1/4"-1/2" med gy qv w 10% cse d py@2		
BG10-24	195.45	196.90	B25857	1.45	<.03			
BG10-24	196.90	198.30	B25858	1.40	<.03	1/4" dull wt qv@55 is bullish		
BG10-24	198.30	199.60	B25859	1.30	<.03	1/8" 80% cse py vn@65; 10% cse d py in epi-q-ank 1" vn@30; 1/8" chl fract w 20% cse d py@2		
BG10-24	199.60	200.90	B25860	1.30	<.03			
BG10-24	200.90	201.80	B25861	0.90	<.03	1/4" q-ank vn@76 w 30% cse d py		
BG10-24	201.80	203.10	B25862	1.30	<.03			
BG10-24	203.10	204.00	B25863	0.90	<.03			
BG10-24	204.00	204.60	B25864	0.60	0.206	0.1m 10%cse+10% f d py assd w 20% leuco centred on 1/2" q-ank vn@6		
BG10-24	204.60	206.00	B25866	1.40	<.03	0.1m bull q-ank@39 in leuc		
BG10-24	206.00	207.50	B25867	1.50	<.03			
BG10-24	207.50	208.10	B25868	0.60	0.549	bl'd wy; 2-4% f d py; ends on flt w 1/8" goug		
BG10-24	208.10	208.95	B25869	0.85	<.03			
BG10-24	211.35	212.35	B25870	1.00	0.617	first 0.3m hem'd wy w 3-4% f d py@49; 15% cse d py over 1/4" assd w chl fract @15-2		
BG10-24	212.35	213.50	B25871	1.15	0.274	1-2% f d py assd w 5% q-ank@32		
BG10-24	213.50	214.00	B25872	0.50	0.069	1-2% f d py assd w 5% q-ank@32		
BG10-24	214.00	214.70	B25873	0.70	3.326	0.4m highly bl'd/hem'd mody w 10% f +8% cse d py in sil'd zone@47; posy sy dyke	3.291	3.360
BG10-24	214.70	215.85	B25874	1.15	1.200	1-2% cse d py	1.234	1.166
BG10-24	215.85	217.10	B25875	1.25	1.406		1.440	1.371
BG10-24	217.10	217.60	B25876	0.50	1.097		1.097	1.097
BG10-24	217.60	218.50	B25877	0.90	2.537	wy bl'd; 5% q-ank assd w 10% cse d py+5% f d py@2	2.537	2.537
BG10-24	218.50	219.80	B25878	1.30	0.480			
BG10-24	219.80	220.50	B25879	0.70	1.714		1.646	1.783
BG10-24	220.50	221.50	B25880	1.00	1.440		1.509	1.371
BG10-24	221.50	222.70	B25881	1.20	0.480			
BG10-24	222.70	224.00	B25882	1.30	1.680	BC w 3/4" 60% cse d py vn@30 imm foll for 1.0m by par fract's w 5-20% cse d py; bl'd to bu	1.783	1.577
BG10-24	224.00	224.50	B25883	0.50	0.480	BC-all fine rubble (opening close?); 5-10% cse d py; wy bl		
BG10-24	224.50	225.00	B25884	0.50	0.343			
BG10-24	225.00	226.20	B25885	1.20	<.03	60% bl'd buff w 15%f+10% cse d py@30; 5% seams of moly/spec hem-colour like moly blue-gr		
BG10-24	226.20	227.00	B25886	0.80	0.411	1-2% f d py		
BG10-24	227.00	228.50	B25887	1.50	0.069			
BG10-24	228.50	229.70	B25888	1.20	0.754			
BG10-24	229.70	231.00	B25889	1.30	0.343	all BC		
BG10-24	231.00	232.00	B25890	1.00	0.686	5% cse d py locy conc in vn's@30 assd w q-an		
BG10-24	232.00	232.60	B25891	0.60	0.960	1" 80% cse brassy py vn@30 posy in middle of 0.3m sy dyke; 10% f d py+5% cse d p		
BG10-24	232.60	233.45	B25892	0.85	0.343	2% cse d py		

Hole_ID	From	To	Sample_#	Length	Au ppm	Description	Au ppm_ck	Au ppm-ck2
BG10-24	233.45	234.60	B25893	1.15	0.754	10%f+20% cse d py in mody bl'd zone @0-3		
BG10-24	234.60	236.20	B25894	1.60	0.274	0.2m q-ank vn's to 0.05m w 10% cse d py-like selvage, w bx frag's wallro		
BG10-24	236.20	237.10	B25895	0.90	0.274	BC along pk carb vn's to 1/4"@5+70 w 3-8% cse d py+5% spec+2% c		
BG10-24	237.10	238.50	B25896	1.40	<.03	BC along pk carb vn's to 1/4"@5+70 w 3-8% cse d py+5% spec+2% c		
BG10-24	241.70	243.10	B25897	1.40	<.03	ct; 0.05m rubble-fine-no struc		
BG10-25	7.60	9.00	B25899	1.40	<.03			
BG10-25	9.00	10.10	B25900	1.10	<.03			
BG10-25	10.10	10.90	B25901	0.80	<.03	0.1m 10% cse d py in wy sil'd@7(		
BG10-25	10.90	11.60	B25902	0.70	<.03			
BG10-25	11.60	12.30	B25903	0.70	<.03	0.05m wy bl'd w 10% cse d py@57; 5% leuc		
BG10-25	12.30	12.85	B25904	0.55	<.03	0.4m 20% leuco w 0.2m 5-10% cse d py@4		
BG10-25	12.85	14.10	B25905	1.25	<.03			
BG10-25	14.10	15.25	B25906	1.15	0.206	0.2m w 10% leuco+wy sil'd@5		
BG10-25	15.25	16.50	B25907	1.25	<.03			
BG10-25	16.50	17.80	B25908	1.30	<.03			
BG10-25	17.80	18.90	B25909	1.10	<.03	1/2" q-ank+ser@25 w 5% cse d py; 5% leuco; 0.2m mottled w 5% cse d p		
BG10-25	18.90	20.50	B25910	1.60	<.03	3% cse d py@55		
BG10-25	20.50	22.10	B25911	1.60	<.03	pur hue; 3% cse d py		
BG10-25	22.10	22.95	B25912	0.85	<.03	pur hue; 3% cse d py		
BG10-25	22.95	24.00	B25913	1.05	<.03	dyke-no py; flt's ct's; imm prec by 0.2m por?dyke-in B		
BG10-25	24.00	25.30	B25914	1.30	<.03			
BG10-25	25.30	25.85	B25915	0.55	<.03			
BG10-25	25.85	26.50	B25916	0.65	0.137	3/4" pa gy qv w 3/4" 60% cse d py either sid		
BG10-25	26.50	27.90	B25918	1.40	<.03			
BG10-25	27.90	29.30	B25919	1.40	<.03			
BG10-25	29.30	30.50	B25920	1.20	<.03			
BG10-25	30.50	31.80	B25921	1.30	<.03			
BG10-25	31.80	33.00	B25922	1.20	<.03			
BG10-25	33.00	34.40	B25923	1.40	<.03	3/4" q-ank vn@26 w 10% cse d py		
BG10-25	34.40	35.80	B25924	1.40	<.03			
BG10-25	35.80	36.80	B25925	1.00	0.274	0.2m 15% leuco+3% cse d py+ 20% q-ank @5(		
BG10-25	36.80	37.90	B25926	1.10	<.03	5% 1" mauve q-ank@60 w spec w 2% cse d p		
BG10-25	37.90	39.00	B25927	1.10	0.480	0.1m q-ank w 15% cse d py@45; dk pur 30% frag's in bx in q-ank w 3-5% cse d py over 0.4m@4		
BG10-25	39.00	39.90	B25928	0.90	0.069	20% bx as above		
BG10-25	42.40	43.25	B25929	0.85	0.343	1/4" q-ank vn@47 w 5% cse d py over 1		
BG10-25	43.25	44.35	B25930	1.10	1.234	1/2" 8% cse d py imm foll by q-ank 1"@3	1.371	1.097
BG10-25	44.35	45.50	B25931	1.15	0.206			
BG10-25	45.50	46.55	B25932	1.05	0.206	0.05m bl'd buff zone w 10% f d py@3		
BG10-25	46.55	47.20	B25933	0.65	1.851	0.1m bl'd buff zone w 15% f +10% cse d py@65 in sil'n; 5% cse d py elsewhere	1.920	1.783
BG10-25	47.20	48.30	B25934	1.10	3.326	10% q-ank; 60% bl'd buff w 10% f+5% cse d py@4(	3.429	3.223
BG10-25	48.30	49.35	B25935	1.05	0.137	15% q-ank; 5% cse d py in chl-5%leuco; spec hem locy; 2*1/4" ser-chl shr@3		
BG10-25	49.35	51.00	B25936	1.65	0.206	10% q-ank; pur hue		
BG10-25	51.00	52.70	B25937	1.70	<.03	10% q-ank; pur hue		
BG10-25	52.70	54.00	B25938	1.30	<.03	1/4" 20% cse d py vn@25; 1" q-ank vn @75 on sli		

Hole_ID	From	To	Sample_#	Length	Au ppm	Description	Au ppm_ck	Au ppm-ck2
BG10-25	54.00	55.60	B25939	1.60	1.440	2% cse d py	1.440	1.440
BG10-25	55.60	56.65	B25940	1.05	0.686	3% cse d py@10+75		
BG10-25	**56.65**	**57.55**	**B25941**	0.90	**4.251**	**5-6% cse d py locy conc @55-80 assd w pkish q-an; mottled-almost bx; dk pur frags; 20% q-an**	**3.566**	**4.937**
BG10-25	57.55	58.20	B25942	0.65	2.160	3/4" 70% cse d py vn@73 in 0.2m hem'd mody	1.851	2.469
BG10-25	58.20	59.25	B25943	1.05	2.057	ser-chl-sil zone @58 w 10% cse d py; 10% q-ank blebs/contorted veinlets; flt-tight gouge+3/4" s	2.057	2.057
BG10-25	59.25	60.40	B25944	1.15	0.343	1" 10% cse d py w 15% leuco@47+ 5% q-anl		
BG10-25	60.40	61.80	B25945	1.40	0.754	0.2m 15% leucc		
BG10-25	61.80	62.70	B25946	0.90	0.823	10% cse d py locy conc@29+43 assd w q-anl		
BG10-25	62.70	63.85	B25947	1.15	1.714	ct imm foll by 0.2m 15% cse d py imm foll by 0.2m brick red hem'd por w 20% chl-sil dk gy zones w 20% cse py@64	1.646	1.783
BG10-25	63.85	64.70	B25948	0.85	1.714	0.1m hem'd brick red w 50% dk gy sil-chl vn's@66 w 10% cse d py; imm foll by 0.3m mody hem	1.371	2.057
BG10-25	64.70	65.65	B25949	0.95	0.823	fresher		
BG10-25	65.65	66.35	B25950	0.70	1.234	fresher; inc'g bl'd + rare chl fract's downhole@5	1.303	1.166
BG10-25	66.35	67.40	B25951	1.05	2.777	5-10% dk gy -bluish moly/spec fract's@55 in mody hem'd por w 5% cse d py + cp?;	2.811	2.743
BG10-25	**67.40**	**68.05**	**B25952**	0.65	**6.000**	**peak alt'n; 60% dk gy sil-chl-moly vn's to 0.1m@42 w 3*1/8"-1/2" 90% cse py vn's; hem'd brick red;**	**6.034**	**5.966**
BG10-25	68.05	68.95	B25954	0.90	0.274	quickly freshening		
BG10-25	68.95	69.80	B25955	0.85	0.343	1/8" 70% cse py vn@50+ posy p		
BG10-25	69.80	70.50	B25956	0.70	<.03	still bl'd wy		
BG10-25	70.50	72.00	B25957	1.50	0.343	still bl'd wy		
BG10-25	72.00	73.40	B25958	1.40	0.206			
BG10-25	73.40	74.90	B25959	1.50	0.137			
BG10-25	74.90	76.30	B25960	1.40	0.754			
BG10-25	76.30	77.60	B25961	1.30	0.206			
BG10-25	77.60	78.60	B25962	1.00	1.406	ct; 20% leuco; 5% cse d py locy conc assd w 1" q-ank@2	1.371	1.440
BG10-25	78.60	79.80	B25963	1.20	<.03			
BG10-25	79.80	81.00	B25964	1.20	<.03	1% cse d py locy conc assd w pkish q-ank 1/8" vn's@51+8		
BG10-25	81.00	82.20	B25965	1.20	<.03	2% cse d py locy conc assd w pkish q-ank 1/8" vn's@51+8		
BG10-25	82.20	83.10	B25966	0.90	0.137	0.3m 20% leuco w 8% cse d py; ct;		
BG10-25	83.10	84.20	B25967	1.10	0.206	3% cse d py locy conc assd w chl@5		
BG10-25	84.20	85.50	B25968	1.30	0.206			
BG10-25	85.50	86.60	B25969	1.10	0.069	3% cse d py		
BG10-25	86.60	87.15	B25970	0.55	2.160	0.1m med gy sil-chl vn w 15% cse d py imm prec by tight flt+1/8" 80% cse py vn@50; mottled; 20% leuco; bl' 10% cse d py throughout	2.263	2.057
BG10-25	87.15	88.35	B25971	1.20	1.509	sil'd; bl'd+ hem'd mody; 15% leuco; 10% cse d py; ser-chl shr's; ct; 3% q-ank blel	1.509	1.509
BG10-25	88.35	89.70	B25973	1.35	3.154	20% leuco; 0.1m 10%f+20% cse d py@37; 6-7% cse d py throughou	3.223	3.086
BG10-25	89.70	90.75	B25974	1.05	0.960	5% leuco; green; 3% cse d p		
BG10-25	90.75	91.75	B25975	1.00	1.063	5% leuco; green; 3% cse d py; 0.1m of 30% cse d py@5	1.166	0.960
BG10-25	91.75	93.00	B25976	1.25	0.206	much fresher; dk gn		
BG10-25	93.00	94.00	B25977	1.00	0.274			
BG10-25	**94.00**	**94.90**	**B25978**	0.90	**7.440**	**0.4m hily bl'd buff w 3%f+8% cse d py@28; 15% leuco**	**7.611**	**7.269**
BG10-25	94.90	95.95	B25979	1.05	<.03	1/4" 40% cse py vn@6		
BG10-25	95.95	96.95	B25980	1.00	0.137	0.2m q-ank bx w 20% ang wallrock frags@48 w 2% cse d p		

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BG10-25	96.95	97.80	B25981	0.85	0.343	0.3m mottled w 10% cse d py+po?@43; 5% leuc		
BG10-25	97.80	99.25	B25982	1.45	0.343	2% cse d py		
BG10-25	99.25	100.70	B25983	1.45	0.069			
BG10-25	100.70	102.00	B25984	1.30	<.03	1/2" 5% cse d py@56 assd w q-ank 1/8" vr		
BG10-25	102.00	103.40	B25985	1.40	<.03			
BG10-25	115.00	116.00	B25987	1.00	<.03	1/4" 70% cse py vn@62 assd w q-ank+ep		
BG10-25	116.00	116.70	B25988	0.70	0.480	0.1m bl'd hily buff w 20% f+ 15% cse d py assd w sil'n+10% leuco@8		
BG10-25	116.70	118.10	B25989	1.40	0.206	pur hue; 1/2" q-ank-carb vn@5-15 w 3% cp blebs+ 20% chl clots; hem'd wy locy@1		
BG10-25	118.10	119.40	B25990	1.30	<.03	magn visible		
BG10-26	6.00	6.90	B25204	0.90	<.03	10% q-ank; ox'd locy; pur hue; 1% cse d p		
BG10-26	6.90	8.55	B26471	1.65	<.03	INFILL		
BG10-26	8.55	10.20	B26472	1.65	<.03	INFILL		
BG10-26	10.20	11.60	B25205	1.40	<.03	5% q-ank to 1/2'		
BG10-26	11.60	12.10	B25206	0.50	0.617	mauve-buff bl'd ser-chl-ank zone@37 centred on 1/8"q-ank-chl vn w 5-8% cse d py over 0.3		
BG10-26	12.10	12.70	B25207	0.60	<.03	5% cse d py in 1/4" q-ank vn@25		
BG10-26	12.70	13.40	B25208	0.70	0.206	1/4" 40% cse d py vn @42		
BG10-26	13.40	14.50	B25209	1.10	<.03			
BG10-26	14.50	15.00	B25210	0.50	<.03	3/4" vuggy 30% cse d py assd w chl-q-anl		
BG10-26	15.00	15.70	B25211	0.70	0.274			
BG10-26	**15.70**	**16.60**	**B25212**	0.90	**4.491**	**10-20% cse d py in mauve bl'd q-ank-chl zone over 0.6m; flt washed out ends**	**4.526**	**4.457**
BG10-26	16.60	18.00	B25213	1.40	0.274	1/8" chl py fract w 8% cse d py; 1/4" vuggy chl-spec-q-ank vn w 10% cse d py@5		
BG10-26	18.00	19.40	B26473	1.40	<.03	INFILL		
BG10-26	19.40	20.20	B26474	0.80	<.03	INFILL- 1/4"10% cse d py@40		
BG10-26	20.20	21.50	B26475	1.30	<.03	INFILL		
BG10-26	21.50	22.50	B26476	1.00	<.03	INFILL		
BG10-26	22.50	23.25	B26477	0.75	<.03	INFILL		
BG10-26	23.25	24.00	B25214	0.75	0.069	2% cse d py over 0.1m wy bl'd@80		
BG10-26	24.00	25.40	B26478	1.40	<.03	INFILL		
BG10-26	25.40	27.00	B26479	1.60	<.03	INFILL		
BG10-26	27.00	28.40	B26480	1.40	<.03	INFILL		
BG10-26	28.40	29.95	B26481	1.55	0.069	INFILL		
BG10-26	29.95	31.00	B26482	1.05	<.03	INFILL		
BG10-26	31.00	31.70	B26483	0.70	0.137	INFILL		
BG10-26	31.70	32.50	B25215	0.80	0.617	15-25% cse d py in 3/4" vn assd w q-ank @36-flt washed out w slick		
BG10-26	32.50	33.00	B25216	0.50	0.411	1" chl-leuco shr imm foll by 0.15m q-ank-chl bx w 5% cse d py imm foll by 1/2" 15% f d py @88 imm foll b 0.25m of 20% leuco+10% q-ank		
BG10-26	33.00	33.95	B25217	0.95	<.03	hily mag; 5% q-ank @80		
BG10-26	33.95	35.05	B26484	1.10	<.03	INFILL		
BG10-26	35.05	36.00	B25218	0.95	<.03	4% f d py; ct		
BG10-26	36.00	37.50	B26451	1.50	0.069			
BG10-26	37.50	39.00	B26452	1.50	<.03			
BG10-26	39.00	40.40	B26453	1.40	<.03			
BG10-26	40.40	41.70	B26454	1.30	<.03			

Hole_ID	From	To	Sample_#	Length	Au ppm	Description	Au ppm_ck	Au ppm-ck2
BG10-26	41.70	42.95	B26455	1.25	<.03			
BG10-26	42.95	44.20	B26456	1.25	<.03			
BG10-26	44.20	45.65	B26457	1.45	<.03			
BG10-26	45.65	46.50	B25219	0.85	0.960	6% cse d py		
BG10-26	**46.50**	**47.25**	**B25220**	0.75	**11.932**	**95% cse py vn @51 w dk gy sil-chl imm foll by 0.1m+ imm prec by 0.05m red-br posy sy dyke w 8-10% cse d py**	**11.314**	**12.549**
BG10-26	47.25	48.40	B25222	1.15	0.274	3% cse d py		
BG10-26	48.40	49.40	B26458	1.00	<.03			
BG10-26	49.40	51.30	B26459	1.90	<.03			
BG10-26	51.30	52.60	B26460	1.30	0.069			
BG10-26	52.60	54.00	B26461	1.40	<.03			
BG10-26	54.00	55.20	B26462	1.20	<.03			
BG10-26	55.20	56.00	B26463	0.80	<.03			
BG10-27	6.75	8.10	B25224	1.35	0.137	2% cse d py		
BG10-27	8.10	8.90	B25225	0.80	0.343	1" q-ank vn@85 w 10% cse d py imm prec by 1" BC w q-ank+py-imm foll by 0.1m of 15% leu		
BG10-27	8.90	10.25	B25226	1.35	<.03	1/8" of 20% cse d py imm prec by 1" q-ank str's; 0.1m 15% leuco w 8% cse d py@5		
BG10-27	10.25	10.90	B25227	0.65	0.206	0.2m of 20% leuco w 10% cse d py@65 assd w q-ank-s		
BG10-27	**10.90**	**11.70**	**B25228**	0.80	**3.086**	**1" 50% cse d py assd w 1" q-ank@37**	**3.017**	**3.154**
BG10-27	**11.70**	**12.50**	**B25229**	0.80	**5.383**	**15-20% cse d py over 0.15m assd w vuggy q-ank-pk fel-1/4"chl-sil vn-all@47**	**5.349**	**5.417**
BG10-27	**12.50**	**13.10**	**B25230**	0.60	**2.537**	**1" 5% cxe d py assd w 1/8" chl-sil vn@44**	**2.537**	**2.537**
BG10-27	**13.10**	**14.10**	**B25231**	1.00	**1.337**	**0.1m epi; 5% cse d py**	**1.234**	**1.440**
BG10-27	14.10	15.50	B25232	1.40	0.617	1/2" epi w spec@60 w 4% f d py		
BG10-27	15.50	16.70	B25233	1.20	<.03			
BG10-27	16.70	17.45	B25234	0.75	**1.200**	0.05m pur chl-sil vn@35 w 5% cse d py imm foll by 0.3m dk gy-pur chl'd-sil'd w 5% cse d p	1.097	1.303
BG10-27	17.45	18.30	B25235	0.85	0.274	20% leuco		
BG10-27	18.30	19.40	B25236	1.10	0.137	0.1m wy chl-sil w 5% cse d pyin 0.3m leuc		
BG10-27	19.40	20.70	B25237	1.30	0.274			
BG10-27	20.70	22.30	B25238	1.60	<.03			
BG10-27	**22.30**	**22.85**	**B25239**	0.55	**3.840**	**0.1m dk gy-pur chl-sil vn@45 w 3%f+5% cse d py**	**3.566**	**4.114**
BG10-27	**22.85**	**23.40**	**B25240**	0.55	**5.623**	**0.45m mauve-buff bl'd ser-chl-ank zone w 10% dk pur chl-sil frag's+w 10-5% cse+f d py-all@66 posy or flt w 1/16" gouge**	**5.349**	**5.897**
BG10-27	**23.40**	**24.50**	**B25241**	1.10	**6.617**	**almost all as above@85 (20% leuco in the rest**	**6.926**	**6.309**
BG10-27	**24.50**	**25.55**	**B25242**	1.05	**1.440**		**1.234**	**1.646**
BG10-27	25.55	26.35	B25243	0.80	0.069			
BG10-27	**26.35**	**27.15**	**B25244**	0.80	**3.566**	**0.05m dk gy-pur chl-sil vn@45 w 3%f+5% cse d py**	**3.909**	**3.223**
BG10-27	27.15	27.95	B25245	0.80	<.03			
BG10-27	27.95	28.95	B25246	1.00	<.03			
BG10-27	28.95	30.30	B25247	1.35	<.03			
BG10-27	**30.30**	**31.20**	**B25248**	0.90	**14.572**	**all buff-br; 1/2" q-ank vn @11 bullish w 10% chl; 10-15% cse d py; all@5**	**14.743**	**14.400**
BG10-27	31.20	31.80	B25249	0.60	1.954	1" bull q-ank vn@33	1.920	1.989
BG10-27	31.80	32.65	B25250	0.85	0.274			
BG10-27	32.65	33.20	B25251	0.55	0.823	0.15m red-br hem'd zone@57 w 5% leuco+10% cse d py; some dk pur-spec		
BG10-27	33.20	34.35	B25252	1.15	<.03			
BG10-27	34.35	35.20	B25253	0.85	0.069			

Hole_ID	From	To	Sample_#	Length	Au ppm	Description	Au ppm_ck	Au ppm-ck2
BG10-27	35.20	35.95	B25254	0.75	2.983	2*1"q-ank-cal vn's @55 pk+wt w 5% cse d py+ truncating dk pur 1" chl-sil vn's@140 w 20% cse d p	3.017	2.949
BG10-27	35.95	37.25	B25255	1.30	<.03			
BG10-27	37.25	38.00	B25256	0.75	<.03	bl'd; 20% leuco; starts w 1" of 1/8" q-ank vn's@47 w 5% cse d py; shr'd; no py elsewhe		
BG10-27	38.00	38.55	B25257	0.55	1.646	intense shr'd zone imm prec by 1"flt zone w 2* 1/8" clay gouge imm prec by 0.15m pa gy sil vn@74 w 10% ank blebs w cp clots+ w 25% cse d py; imm foll by ser-chl shr posy lamp dyke+5% cse d py	1.646	1.646
BG10-27	38.55	39.15	B25259	0.60	0.617	ser-chl shr posy lamp dyke+5% cse d py; shr ct; bl'd pc		
BG10-27	39.15	40.00	B25260	0.85	<.03	bl'd por; 1% cse d py		
BG10-27	40.00	40.75	B25261	0.75	0.480	hem'd brick red; ct w posy lamp; rare cp in q-ank (5%) vn's4		
BG10-27	40.75	41.95	B25262	1.20	<.03	bl'd; fresh; posy lamp dyke		
BG10-27	41.95	42.60	B25263	0.65	0.617	0.2m wt-pa gy qv@55 is well min'd w 40% cse d py; 15% med-dk gy ; x-cut by bull q-ank vn@145; in hem'n 10% 1/8" q-ank vn's @50 w 20% cse d py		
BG10-27	42.60	43.45	B25265	0.85	0.480	15% 1/8"-1/2" 60% cse py vn's@45 in hem'n+ 2% med gy chl-sil str's 1/8" w 5% cse d py; 5-8% cse+f d py		
BG10-27	43.45	44.20	B25266	0.75	<.03	2* 1/8" dk gy chl-sil vn's@50 in 1" hem'n w 10% cse d p		
BG10-27	44.20	45.30	B25267	1.10	0.549	hem'd brick red w 10% cse d py		
BG10-27	45.30	46.20	B25268	0.90	0.754	30% hem'd; 1/4" 70% cse py vn+ 1/8" chl-sil dk gy vn @62&3		
BG10-27	46.20	47.55	B25269	1.35	0.137	wy bl'd		
BG10-27	47.55	49.15	B25270	1.60	0.480			
BG10-28	11.00	12.20	B25620	1.20	<.03	11.2m two <0.1cm carb veins at 20 deg TCA with 1-3% py halo and at 12 m a o.5 cm vein at 85 deg TCA wi 40% py+carb+chl		
BG10-28	13.30	13.90	B25621	0.60	<.03	5 deg TCA carb+calcite vein 1 cm wide; 60 deg TCA epi+magnetite slip		
BG10-28	17.30	18.25	B25622	0.95	<.03	10% late white carb filled frac's sometimes with py, overall 1-2		
BG10-28	20.70	21.30	B25623	0.60	<.03	wispy carb non-penetrative network frac'		
BG10-28	21.30	21.80	B25624	0.50	0.343	3-5% py overall asociated with strng flt at 20 deg TCA from 21.4 m to 21.6 m; minor le		
BG10-28	21.80	22.30	B25625	0.50	<.03	3-5% diss fine to med euhedral and anhedral py in carb section; minor le		
BG10-28	22.30	23.50	B25626	1.20	<.03	one carb qtz vein <0.5 cm wide and one <0.2 cm wide magnetite sea		
BG10-28	23.50	24.30	B25627	0.80	0.343	<5% carb+qz+chl veins <1 cm wide		
BG10-28	25.10	25.70	B25629	0.60	<.03	at 25.45 m a 30 deg TCA fault with carb+chl; <1% p		
BG10-28	28.00	29.05	B25630	1.05	<.03	10% carb filled veinlets at predom 15 to 40 deg TC		
BG10-28	29.05	29.90	B25631	0.85	<.03	5-7% fg anhedral py in <0.1cm brittle frac's at 35 to 45 deg TCA for entire sample - possible control of britt frac's is flt found at 30.4 m?; unit very magneitc		
BG10-28	29.90	31.00	B25633	1.10	<.03	flt at 30.4m <1% py in frac's; <2% carb in frac's		
BG10-28	31.00	32.00	B25634	1.00	<.03	blocky grn up to contact; 1 cm qtz+carb vein with bx frags in vein; contact between diorite-l		
BG10-28	36.00	37.30	B25635	1.30	<.03	flt's with carb+chl at 36.02 to 36.3 and 1cm carb vein at 37		
BG10-28	37.30	37.80	B25636	0.50	<.03	contact between BP and Diorite, 7 cm wide carb vein at contact with 1-3% py confined to narrow fl		
BG10-28	37.80	39.00	B25637	1.20	<.03	10% carb filled frac's; <1% py		
BG10-28	39.00	39.80	B25638	0.80	<.03	as above		
BG10-28	39.80	40.55	B25639	0.75	0.343	weak carb zone with hairline frac's, leuc+carb+ 5-7% diss py f.g		
BG10-28	40.55	41.30	B25641	0.75	0.891	weak carb zone with hairline frac's, leuc+carb+ 5-7% diss py f.g.; occasional carb veins <1cm wi		
BG10-28	41.30	42.00	B25642	0.70	<.03	10% carb filled frac's; <1% py		
BG10-28	42.70	43.50	B25643	0.80	<.03	5-7% <0.5cm wide carb+qtz veinlets at 40 to 65 deg TCA; epi+leuc halos around veinle		
BG10-28	43.50	44.40	B25644	0.90	<.03	<5% carb veinlets		
BG10-28	44.40	45.40	B25645	1.00	<.03	start of moderate fault with assoc. carb+chl+leuc+py+magnetite at 0-5 deg TCA; overall 1-2% py; carb vein 1 cm wide		

Hole_ID	From	To	Sample_#	Length	Au ppm	Description	Au ppm_ck	Au ppm-ck2
BG10-28	45.40	46.40	B25646	1.00	<.03	start of moderate fault with assoc. carb+chl+luec+py+magnetite at 0-5 deg TCA; overall 1-2% py; carb vein 1 cm wide		
BG10-28	46.40	47.30	B25647	0.90	<.03	1-3% diss py in carb clots & discontinuous hairline frac'		
BG10-28	47.30	47.80	B25649	0.50	<.03	20% carb 1-2 cm wide at 2 deg TCA; 1-3 % diss p		
BG10-28	47.80	48.50	B25650	0.70	<.03	1-3% diss py in carb clots & discontinuous hairline frac'		
BG10-28	48.50	49.00	B25651	0.50	<.03	25-30% purple+white carb veining; minor qtz; 1-2% diss py in car		
BG10-28	49.00	50.00	B25652	1.00	0.069	20-25% gy white carb veining at 15 to 35 deg TCA with chl+1-2% py; surreounding leuc; one vein showing we ptygmatic folding		
BG10-28	50.00	51.20	B25653	1.20	0.274	15-20% carb veining at 15 to 40deg TCA; leuc surrounding carb veinir		
BG10-28	51.20	52.00	B25654	0.80	<.03	51.5 to 51.7 m strong ductile shear at 20 degTCA, carb+chl+1-3% p		
BG10-28	52.00	52.60	B25655	0.60	<.03	<5% carb veinlets		
BG10-28	53.94	54.54	B25656	0.60	<.03	weak 4 cm section brittle frac's with carb; <0.1cm vein with carb + py on margir		
BG10-28	54.54	55.10	B25657	0.56	<.03	<5% carb veinlets		
BG10-28	55.10	56.60	B25658	1.50	0.069	two, separate 5 cm wide carb+leuc sections 1-3% py in frac		
BG10-28	58.10	59.00	B25659	0.90	<.03	<5% frac's with carb + ep		
BG10-28	59.00	60.00	B25660	1.00	0.891	increase 10-15% late brittle frac's with white carb at predom 50 to 70 deg TCA; earlier frac's with py+chl+epi 25 deg TCA		
BG10-28	60.00	61.30	B25661	1.30	0.069	25-20%carb veinlets with chl+py on margins; 3-5 % py over		
BG10-28	61.30	62.35	B25662	1.05	<.03	25-20%carb veinlets with chl+py on margins; <1 % py over		
BG10-28	62.35	63.00	B25663	0.65	0.823	25-20% late carb veinlets at 65-75 deg TCA with one frac with py+carb+sil+chl at 15 deg TC		
BG10-28	63.00	64.00	B25664	1.00	0.137	3-5% py in frac's with carb+sil+ch		
BG10-28	64.00	65.13	B25665	1.13	0.411	64.1m py+chl+carb at slip; at 64.56-64.6 narrow weak ductile shear with py+carb+chl+sil+leuc at 55to 65 d TCA with 5-8% py		
BG10-28	65.13	66.10	B25666	0.97	<.03	<5% carb veinlets lt; <1% p		
BG10-28	66.10	66.80	B25667	0.70	<.03	2-5% py overall contained in frac's and on vein margins at < 3 cm interva		
BG10-28	66.80	67.50	B25668	0.70	0.137	67.1 to 67.4 m weak shear with chl+carb+sil+leuc at 65 deg TCA with parallel lt carb+sil veini		
BG10-28	67.50	68.10	B25669	0.60	0.823	67.86 and at 68 slips at 40 deg TCA		
BG10-28	68.10	68.70	B25670	0.60	<.03	1% py contained in infreq narrow frac'		
BG10-28	68.70	69.20	B25671	0.50	0.891	68.8 to 69 m weak shear 55 deg TCA sil+crb+py +chl 5-7% py in sectic		
BG10-28	69.20	69.70	B25672	0.50	<.03	<5% carb veinlets lt; <1% p		
BG10-28	69.70	70.50	B26487	0.80	0.080			
BG10-28	70.50	71.10	B25673	0.60	0.754	1% py contained in infreq narrow frac'		
BG10-28	71.10	72.00	B25674	0.90	<.03	1% py contained in infreq narrow frac'		
BG10-28	72.00	72.70	B25675	0.70	0.480	1-2% py found in halos of < 0.2 cm frac's filled with carb+sil+cl		
BG10-28	72.70	73.24	B25676	0.54	1.920	**72.9 to 73.04 m 14 cm wide sil frac section with 50-60% py, at 50 to 65 deg TCA, may have cp component given brassy look of py**	2.057	1.783
BG10-28	73.24	73.80	B25678	0.56	1.406	**increase in brittle frac's; start of sil+pyritized zone; 3-5% py in <0.2 cm wide frac's; creamy-white sil+carb in lt veinlets**	1.371	1.440
BG10-28	73.80	74.40	B25679	0.60	2.674	**74-74.8 ductile shear at 25-30 deg TCA with ser+gy carb-sil; 1-3% p**	2.743	2.606
BG10-28	74.40	75.00	B25680	0.60	3.463	**2-3% py in frac's and diss**	3.566	3.360
BG10-28	75.00	75.90	B25681	0.90	3.737	**5-7% py in discont frac's and frac's-clots; si**	3.771	3.703
BG10-28	75.90	77.00	B25682	1.10	0.686	**strong py + carb+sil veins at 76.56 to 76.9 at 0.5 to 1 cm wide at 45 to 50 deg TCA; 5-8% diss p throughout**		

Hole_ID	From	To	Sample_#	Length	Au ppm	Description	Au ppm_ck	Au ppm-ck2
BG10-28	77.00	78.00	B25683	1.00	1.440	5-10% qtz+albite? Veining <0.3 cm wide; 5-7% anhedral py in matrix and along frac margins, sil alt'n	1.509	1.371
BG10-28	78.00	79.00	B25684	1.00	0.617	5-7% anhedral py in chl+sil frac's and in matrix; flt-slip at 78.07 m at 15 deg TCA; sil+leuc +chl alt'n		
BG10-28	79.00	79.84	B25685	0.84	0.411	3-5% anhedral py; sil+chl+leuc alt'r		
BG10-28	79.84	80.64	B25686	0.80	3.771	40% fine anhedral py overall, strong py seams at 80.1 to 80.3 and a 3 cm py seam at 70 deg TCA at 80.4 m; 10% albite+qtz fractures near flt at 79.92 m and at 80.5 m at 75 deg and 0 deg TCA; hem+sil+chl alt'n gives brick red appearance	3.771	3.771
BG10-28	80.64	81.54	B25688	0.90	3.566	20-30% f.g. py stronger from 80.64 to 81.1 m; after 81.1 py in seams at 70 deg TCA 0.75 to 1cm wide; ir sil alt'n	3.429	3.703
BG10-28	81.54	82.10	B25689	0.56	1.714	5-7% f.g anhedral py in iregular frac's	1.714	1.714
BG10-28	82.10	82.93	B25690	0.83	7.646	15-25% f.g. anhed py in irrgular frac's and heavy pyritic seams/frac's at 5 and 45 deg TCA	7.886	7.406
BG10-28	82.93	84.00	B25691	1.07	3.909	3-5% py in discont frac's with chl+_si	3.634	4.183
BG10-28	84.00	84.90	B25692	0.90	4.149	5-7% f.g anhed py, occasionally strong py in veins <0.5 cm wide subparallel to each other at 50 to 60 deg TCA	3.909	4.389
BG10-28	84.90	85.80	B25693	0.90	2.743	5-7% f.g. anhed py in discont frac's and in matrix; sil+leuc+ch	2.606	2.880
BG10-28	85.80	86.38	B25694	0.58	0.960	3-5% f.g anhed py; mod sil alt'r		
BG10-28	86.38	87.30	B25696	0.92	1.371	5-7% f.g anhed py sometimes in small 1mm diameter clusters around or in frac's or in matrix sil+leuc+chl+hem alt'n	1.371	1.371
BG10-28	87.30	87.90	B25697	0.60	3.017	8-10% py; strong py seams from 87.35 to 87.47 m 75 deg TCA; sil+hem+chl+leu	2.949	3.086
BG10-28	87.90	88.50	B25699	0.60	3.223	5-7% f.g anhed py in irreg clots & frac's; strong hairline brittle frac's 10 cm up to contact; sil+hem+chl brick red hem alt'n strongest near BP contact; end of Sil+Py+Leuc Zone however small py seams occur in BP	3.429	3.017
BG10-28	88.50	89.10	B25700	0.60	0.549	3-5% f.g py in frac's with chl; strong brittle frac's at 45 to 55 deg TCA		
BG10-28	89.10	89.60	B25701	0.50	0.206	3-5% f.g py in frac's ; 89.4 to 89.45 m sil alt'n with > py in sil matr		
BG10-28	89.60	90.50	B25702	0.90	0.137	1-3% py in narrow frac's		
BG10-28	90.50	91.30	B25703	0.80	0.137	90.57 m 0.5 cm wide vein with strong py at 25 deg TCA and py ay 91.15 m proximal to fra		
BG10-28	91.30	92.30	B25704	1.00	0.480	91.4 to 91.7 m - 5-7% anhed py; overall 1-3% p		
BG10-28	92.30	92.80	B25705	0.50	1.234	1-3% py; 92.2 to 92.35 m strng hem+creamy white albite?+qtz veinl	1.234	1.234
BG10-28	92.80	94.30	B25706	1.50	0.137	1-2% py in narrow frac's		
BG10-28	94.30	95.30	B26488	1.00	0.110			
BG10-28	95.30	95.90	B25707	0.60	0.069	95.77 m <0.2 cm wide frac with py at 60 deg TCA with hem halo; 95.58 lt gry qtz vein1 cm wide at 5 deg TC overall 1-2% py		
BG10-28	95.90	96.85	B26489	0.95	0.250			
BG10-28	96.85	97.90	B26490	1.05	0.230			
BG10-28	97.90	99.00	B25708	1.10	0.343	97.9 to 99 m weak hem alt'n; occasional <0.3 cm wide frac's with py; <5% qtz+alb veinl		
BG10-28	99.00	100.00	B26491	1.00	0.340			
BG10-28	100.00	101.00	B25709	1.00	0.206	wk hem alt'n, rare <0.2 cm frac with py; overall 1% p		
BG10-28	101.00	101.94	B25710	0.94	0.206	as above but with more py in frac'		
BG10-28	101.94	103.30	B26492	1.36	0.170			
BG10-28	103.30	103.90	B25711	0.60	0.274	1% diss py in matrix and near slip		
BG10-28	103.90	104.70	B25712	0.80	0.549	weak hem alt'n; occasional <0.1 cm wide frac's with py; 10% lt white-pale red qtz veini		
BG10-28	104.70	105.20	B25713	0.50	0.343	weak to strong hem alt'n with dk grey chert like qtz veinlets; 1-2 % diss		
BG10-28	105.20	105.80	B25714	0.60	0.274	weak to strong hem alt'n with dk grey chert like qtz veinlets; 1-2 % diss py in fra		
BG10-28	105.80	106.30	B25715	0.50	<.03	weak hem alt'n; 1% diss py in matrix and in frac'		

Hole_ID	From	To	Sample_#	Length	Au ppm	Description	Au ppm_ck	Au ppm-ck2
BG10-28	106.30	106.80	B25716	0.50	0.617	106.4 to 106.6 m strong hem alt'n with 1.2 cm med grey chert-like qtz vein at 50 deg TCA with 15-20% py a subparallel slip with py		
BG10-28	106.80	107.30	B25718	0.50	0.069	weak hem alt'n with <1% p		
BG10-28	107.30	107.94	B25719	0.64	0.206	weak to mod hem alt'n especially near late slips; grey sil veining 1.5 to 2.5 cm wide with 1-2%		
BG10-28	107.94	108.80	B25720	0.86	1.029	mod hem alt'n; 3-5% anhed py in discontinuous frac's; 10-15% grey chert like and white qtz+alb? Veining (lat no assoc. py	1.097	0.960
BG10-28	108.80	109.40	B25721	0.60	0.926	mod to strong hem alt'n; 5-7% anhed py in discontinuous frac's; 10% grey chert like and white qtz+alb? Veini (late) with some py	1.029	0.823
BG10-28	109.40	110.20	B25723	0.80	<.03	weak hem alt'n; 1-3% py in frac's and late grey qtz veinir		
BG10-28	110.20	111.10	B25724	0.90	1.234	heavy py seams in frac's-grey sil veins <0.5 cm to 4 cm wide at 110.4, 110.7 and 111.01 m at 45 deg TCA	1.234	1.234
BG10-28	111.10	112.00	B25725	0.90	0.411	***mod to strong brick red hem alt'n; 5-7% anhed py in clots and hairline frac's; 5% creamy white lat qtz+carb veining***		
BG10-28	112.00	113.05	B25726	1.05	1.611	***strong py seam at 112.1 m <0.5 cm wide but irregular with 4 cm wide blow-out; mod to strong brick red hem alt'n; overall 5-7% anhed py in clots, grey chert-like veining and hairline frac's; 5% creamy white late qtz+carb veining***	1.714	1.509
BG10-28	113.05	114.20	B25728	1.15	0.754	***8-10% py overall in clots & frac's and within veining; grey irregular patch of diorite? With leuc and minor py;***		
BG10-28	114.20	114.70	B25729	0.50	0.891	***8-12% py overall with veins <1.2 cm wide with strong 50% py at 50 deg TCA; 2.5 cm calcite+qtz vein a 45 deg TCA***		
BG10-28	114.70	115.20	B25730	0.50	0.549	***weak to mod hem alt'n with 5-8% py in frac's&clot***		
BG10-28	115.20	116.00	B25731	0.80	0.823	***5-8% py in frac's weak hem alt'r***		
BG10-28	116.00	116.50	B25732	0.50	1.166	***5-8% py in frac's weak hem alt'r***	1.166	1.166
BG10-28	116.50	117.00	B25733	0.50	3.051	***two 4 cm wide sil sections at 70 deg TCA with minor py and 10 deg TCA fault 1 cm wide with py+ser+qtz***	3.086	3.017
BG10-28	117.00	117.60	B25734	0.60	0.686	**weak hem alt'n; 3-5% py in frac's**		
BG10-28	117.60	119.00	B25735	1.40	0.686	**8-10% py in frac's& discont veins; mod hem alt'n; 15-20% late qtz+carb+calcite veinin**		
BG10-28	119.00	120.50	B25736	1.50	<.03	<1% py in matri›		
BG10-28	120.50	121.30	B25737	0.80	<.03	<1% py in matrix; calcite vein from 120.9 to 121.3 with splash of c		
BG10-28	121.30	121.90	B25738	0.60	<.03	<1% py in matri›		
BG10-28	121.90	123.10	B25739	1.20	0.069	5-7% diss py in matrix with qtz+carb in veinlet		
BG10-28	138.00	139.00	B26485	1.00	<.03	3-5% anhedral py in qtz+carb clots proximal to slip at 139.1 to 139.3		
BG10-28	**139.00**	**140.00**	**B25740**	**1.00**	**14.263**	**3-5% anhedral py in qtz+carb clots proximal to slip at 139.1 to 139.3 m**		
BG10-28	140.00	140.90	B26486	0.90	<.03	3-5% anhedral py in qtz+carb clots proximal to slip at 139.1 to 139.3		
BG10-28	146.90	147.55	B25741	0.65	<.03	contact between BP and Tuff; low angle late white carb vein at 0 deg TC		
BG10-28	147.55	148.60	B25742	1.05	<.03	20% carb+qtz veining; <1% f.g. p		
BG10-28	148.60	149.66	B25743	1.06	0.137	three parallel carb veins with 5-10% py at 35 to 45 deg TCA, approx 1.2 cm wide ea		
BG10-28	151.26	152.26	B25744	1.00	<.03	two subparallel carb veins with 5% py at 15 to 25 deg TCA, approx 0.5 cm wide ea		
BG10-28	158.26	159.00	B25745	0.74	0.206	hairline frac at 158.21 m with py; wk ductile shear at 158.6 with carb veinii		
BG10-29	6.00	7.50	B27055	1.50	<.03			
BG10-29	7.50	8.70	B27056	1.20	<.03	1/8" 30% cse py vn@32		
BG10-29	8.70	9.40	B27057	0.70	0.549	0.1m 60% cse py vn@54 in bl'd mauve zone imm prec by 0.2m 20% leuco+ 5% q-ank+5% cse d		
BG10-29	9.40	10.40	B27058	1.00	0.137	3/4" 20% epi+ 20% cse d py in bl'd @4		
BG10-29	10.40	11.70	B27059	1.30	<.03	5% 1/8"-1/4" epi-10%-80% cse py vn's@5		

Hole_ID	From	To	Sample_#	Length	Au ppm	Description	Au ppm_ck	Au ppm-ck2
BG10-29	11.70	12.90	B27061	1.20	0.206	3* 1/8" 20% cse py vn's@55+12(		
BG10-29	12.90	14.00	B27062	1.10	<.03			
BG10-29	14.00	15.00	B27063	1.00	0.343	2* 1" epi assd w q-ank w 5-10% cse d py@4:		
BG10-29	15.00	16.50	B27064	1.50	<.03	10% 1/8" epi vn's w 5% cse d py@5		
BG10-29	16.50	17.95	B27065	1.45	0.343			
BG10-29	17.95	19.60	B27066	1.65	<.03	3* 1/8" epi vn's w 3% cse d py@27; 1/2" bull q-ank vn in 1" epi@3		
BG10-29	19.60	20.60	B27067	1.00	<.03	10% 1/8" epi vn's w 5% cse d py@5(		
BG10-29	20.60	21.80	B27068	1.20	<.03	3% cse d py in 20% ep		
BG10-29	21.80	22.80	B27069	1.00	0.343	2* 1/2" epi vn's w 10% cse d py@5		
BG10-29	22.80	24.50	B27070	1.70	<.03			
BG10-29	24.50	26.00	B27071	1.50	0.069	1/2" epi zone w 5% cse d py@4:		
BG10-29	26.00	26.80	B27072	0.80	<.03	5% 1/8" epi vn's w 5% cse d py@6(		
BG10-29	26.80	27.80	B27073	1.00	1.852	0.15+ 0.1m 60% cse py vn's assd w 20% q-ank+ 30% epi@45 ; 20% leuco; 1/4" chl shr w 10% f d py@50; bl'd	2.057	1.646
BG10-29	27.80	29.00	B27075	1.20	<.03			
BG10-29	29.00	30.25	B27076	1.25	<.03	2* 1/8" cse py vn's@48		
BG10-29	33.00	33.95	B27077	0.95	<.03			
BG10-29	33.95	35.05	B27078	1.10	<.03	1" hem'd zone is vuggy@3:		
BG10-29	35.05	36.00	B27079	0.95	<.03	1/2" 40% cse py vn in 1" epi@3(		
BG10-29	36.00	36.95	B27080	0.95	<.03	1" magn multiple 1/8" vn's in 0.1m epi@17 w 1/2" 40% cse py v		
BG10-29	36.95	38.55	B27081	1.60	0.206	sy dyke-ct's		
BG10-29	49.35	51.00	B27082	1.65	<.03			
BG10-29	54.30	55.45	B27083	1.15	0.206	3/4" med gy sil'n w 15% f d py@50+ 1/2" pa gy q-ank vn w 2% cse d py in 0.3m 30% epi+ser-chl w 8-10% cs d py w 20% leuco		
BG10-29	55.45	56.20	B27084	0.75	<.03	0.1m 30% epi		
BG10-29	56.20	57.25	B27085	1.05	<.03	0.2m magn+10% q-ank+ 30% epi-rare py-@1		
BG10-29	57.25	58.65	B27086	1.40	<.03	ct in BC w 20% q-ank-carb+20% ep		
BG10-29	58.65	60.00	B27087	1.35	<.03	sy w 2% cse d py		
BG10-29	60.00	61.40	B27088	1.40	<.03	ct w 3/4" 50% epi+ 20% leuco+10% cse d p		
BG10-29	61.40	62.90	B27089	1.50	0.206			
BG10-29	62.90	64.20	B27090	1.30	0.069			
BG10-29	64.20	65.30	B27091	1.10	<.03	1" 50% epi w 20% cse d py@47 assd w q-anl		
BG10-29	65.30	66.65	B27093	1.35	<.03			
BG10-29	71.25	72.30	B27094	1.05	0.686	25% q-ank-carb vn's to 0.1m w 5% cse d py+ 5% spec@31 in 20% leuc		
BG10-29	72.30	73.30	B27095	1.00	<.03	90% of sample 20% leuco; 5% cse d py assd w 15% q-ank-carb vn's@55-7		
BG10-29	73.30	74.20	B27096	0.90	<.03			
BG10-29	74.20	75.70	B27097	1.50	1.200	90% of sample 20% leuco; 5% q-ank vn's @40+ folded; 10% cse+5% f d py assd w q-ank @3	1.303	1.097
BG10-29	75.70	77.00	B27098	1.30	<.03	90% of sample 20% leuco; 5% q-ank vn's; 2% cse d p		
BG10-29	77.00	78.00	B27099	1.00	<.03	90% of sample 20% leuco; 5% q-ank vn's; 2% cse d p		
BG10-29	78.00	78.70	B27100	0.70	2.503	60% of sample 20% leuco; 0.15 q-ank-carb vn@45 w 5% cse d py+ w 10% f d py on ct's for	2.880	2.126
BG10-29	78.70	79.85	B27102	1.15	<.03			
BG10-29	104.85	105.60	B27103	0.75	<.03			
BG10-29	105.60	106.30	B27104	0.70	<.03	90% of sample 20% leuco; 0.1m q-ank vn@32 w 3% v f d p		
BG10-29	106.30	107.55	B27105	1.25	<.03	0.1m mauve bullish q-ank-carb vn@5		
BG10-29	107.55	109.20	B27106	1.65	<.03	1" mauve bl'd q-ank vn w 3% f d py@33; 0.2m 15% leuco-rare py,@5		

Hole_ID	From	To	Sample_#	Length	Au ppm	Description	Au ppm_ck	Au ppm-ck2
BG10-29	111.50	112.95	B27107	1.45	<.03	0.1m 15% leuco rare py@48; 0.05m chl-ser-ank @60 w 2% f d p		
BG10-29	120.70	121.80	B27108	1.10	<.03	5% 1/8"-1/4" vuggy q-ank-epi vn's@25 w rare c		
BG10-29	121.80	123.00	B27109	1.20	<.03			
BG10-29	123.00	123.95	B27110	0.95	<.03			
BG10-29	123.95	124.70	B27111	0.75	0.960	locy wy bl'd w 10% q-ank; buff areas w 1-2% cse d py assd w epi@4		
BG10-29	124.70	125.80	B27112	1.10	<.03	0.1m 10% leucc		
BG10-29	125.80	126.85	B27113	1.05	<.03	v hily car'd; 5% q-ank vn's; 0.2m 20% leuco; rare p		
BG10-29	126.85	127.90	B27114	1.05	<.03	40% of sample 20% leuco; 1% cse d py assd w 3% q-ank@5		
BG10-29	127.90	129.00	B27115	1.10	<.03	30% of sample 20% leuco; 1% cse d py+ rare cp assd w 10% q-ank@5		
BG10-29	129.00	130.05	B27116	1.05	<.03			
BG10-29	130.05	131.30	B27117	1.25	<.03	40% of sample 20% leuco; 1% cse d py assd w 3% q-ank@51; 1" bl'd w q-ank w 5% cse d py@3		
BG10-29	131.30	132.00	B27118	0.70	0.069	1" q-ank-chl zone w 5-8% cse d py@4(		
BG10-29	132.00	132.80	B27119	0.80	0.069	0.2m q-ank-carb vn@23 w 2% f d py+ 5% cse d py+ rare c		
BG10-29	132.80	134.10	B27120	1.30	<.03	0.1m 15% leuco+ 30% q-anl		
BG10-29	134.10	135.30	B27121	1.20	<.03	3/4" chl-ser shr w 10-15% f d py imm foll by 0.2m q-ank-carb vn213 in 20% leuc		
BG10-29	135.30	136.80	B27123	1.50	<.03			
BG10-29	136.80	138.00	B27124	1.20	<.03			
BG10-29	138.00	138.70	B27126	0.70	<.03	1" q-ank vn@37 imm prec by 5% cse d py in BC imm foll by 1" 20% leuc		
BG10-29	138.70	139.80	B27127	1.10	<.03			
BG10-29	139.80	140.90	B27128	1.10	<.03			
BG10-29	140.90	141.80	B27129	0.90	<.03			
BG10-29	141.80	143.00	B27130	1.20	<.03	2* 1" q-ank-carb vn's in 5% leuco@28w 1% cp; 1/4" 20% cse py vn@42 assd w q-ar		
BG10-29	143.00	144.00	B27131	1.00	<.03	1" 20% cse d py @59		
BG10-29	144.00	145.30	B27132	1.30	<.03			
BG10-29	145.30	146.20	B27133	0.90	<.03			
BG10-29	146.20	147.00	B27134	0.80	<.03	1" mauve q-ank vn@34 in 0.4m 20% leuco w 5% cse d p		
BG10-29	147.00	148.00	B27135	1.00	<.03	starts w 0.3m 20% leucc		
BG10-29	148.00	149.50	B27136	1.50	<.03			
BG10-30	4.50	5.50	B46955	1.00	0.137	1-3% diss py in matrix & in frac's; 5% leuc flecs; 10 cm rubble at 5r		
BG10-30	5.50	6.50	B46956	1.00	<.03	1-3% diss py in matrix and in vn's; 2 cm wide carb vn at 6.4m at 85 deg TC		
BG10-30	6.50	7.50	B46957	1.00	0.549	5-7% py in frac's at 60 deg TCA between 6.8 to 7m; 3-5% diss py theraft		
BG10-30	*7.50*	*8.00*	*B46958*	0.50	5.555	*10-12% diss mg py in shear frac section with 10% late pink-white carb vn'ing*	5.006	6.103
BG10-30	8.00	8.50	B46959	0.50	2.160	12-15% py for 4 cm wide at 8.3m in localized shear; overall 3-5%	2.811	1.509
BG10-30	*8.50*	*9.30*	*B46960*	0.80	5.692	*10-15% py in strong shear slips at 55 deg TCA from 8.7 to 9.1m; 15-20% late pink-white carb vn'ing; shearing at 20 deg TCA*	6.583	4.800
BG10-30	9.30	10.30	B46962	1.00	0.891	1-3% fg diss py in matrix; 10.1 to 10.2m 3-5% diss py; flt bx at 10r		
BG10-30	10.30	11.10	B46964	0.80	<.03	1-2% diss py in carb vn'ing; flt-slip at 11.06n		
BG10-30	11.10	12.00	B46965	0.90	<.03	1-2% diss py in irregular carb vn'in(		
BG10-30	12.00	13.50	B46966	1.50	<.03	<1% diss py		
BG10-30	13.50	14.60	B46967	1.10	0.137	5-8% diss py in hairline to 2mm frac's at generally 65 deg TCA from 13.95 to 14.5		
BG10-30	14.60	15.60	B46968	1.00	<.03	<1% diss py		
BG10-30	15.60	16.10	B46969	0.50	<.03	1-3% diss py in5-10% white carb vn'in(		
BG10-30	16.10	17.00	B46970	0.90	<.03	<1% diss py		
BG10-30	17.00	18.50	B46971	1.50	<.03	10% qtz+carb vn'ing with 1-3% py from 17 to 17.7r		
BG10-30	18.50	20.00	B46972	1.50	<.03	1-2% fg diss py		

Hole_ID	From	To	Sample_#	Length	Au ppm	Description	Au ppm_ck	Au ppm-ck2
BG10-30	24.30	25.00	B46973	0.70	<.03	1-2% py with magnetite in 3 cm wide clot in localized wek shear approx 3 cm wi		
BG10-30	30.50	31.10	B46974	0.60	<.03	<1% py in weak shear at 40 deg TCA; non penetrative slips; 2cm wide carb+qtz vn at 30 deg T CA at 30.6m		
BG10-30	34.30	34.80	B46975	0.50	<.03	1-2% py at 34.5 to 34.6m with epi + carb vnlet		
BG10-30	37.90	38.50	B46976	0.60	0.206	5% late white carb vn'ing; strong fault at 38.36 to 38.43m at 60 deg TCA healed with carb+ qtz+chl+ py ban 0.5 to 0.75 cm wide		
BG10-30	40.50	41.00	B46978	0.50	0.206	weak fractured section from 40.5 to 41.4m withnon-penetrative frac's and increased carb; 40.9 to 41m with gr white qtz with py on margin; overall 1-3% py		
BG10-30	41.00	41.50	B46980	0.50	0.206	1-3% py + chl in frac's; weak sectior		
BG10-30	41.50	42.00	B46981	0.50	<.03	1% py in frac's		
BG10-30	42.00	43.00	B46982	1.00	0.069	1-2% py in discontinuous hairline frac's		
BG10-30	49.00	49.50	B46983	0.50	<.03	contact between Diorite-FP with 10cm wide hairline frac's with 1-3% fg py in dior		
BG10-31	11.00	11.90	B51534	0.90	<.03	1% diss py; flt at 11.77 to 11.8 at 40 deg TCA with qtz		
BG10-31	13.40	14.40	B51535	1.00	<.03	1-2% diss py in matrix		
BG10-31	14.40	15.00	B51536	0.60	0.137	3-5% py in network style vn'ing from 14.4 to 14.7m some perv sil alt'n halo; strong slips at 45 to 50 deg TCA		
BG10-31	15.00	15.90	B51537	0.90	0.411	1-3% diss py in wormy style frac'ing		
BG10-31	15.90	17.00	B51538	1.10	0.069	16.7 to 17m 0 deg TCA slip; 1% diss py in matrix		
BG10-31	25.50	26.00	B51539	0.50	0.754	1% diss py in matrix		
BG10-31	26.00	27.00	B51541	1.00	0.069	<1% py		
BG10-31	27.00	27.70	B51542	0.70	0.206	27.3m 3mm qtz vnlet with py at 70 deg TCA; overll 1% py		
BG10-31	27.70	28.50	B51543	0.80	0.549	multpile subparallel frac's at 55 to 65 deg TCA with qtz + dol; 1% diss py		
BG10-31	28.50	29.00	B51544	0.50	0.754	28.6 to 28.7m 20 deg TCA frac with qtz+py; early multpile frac's at 55 to 65 deg TCA		
BG10-31	29.00	29.70	B51545	0.70	0.891	irregular frac's with py; overall 3-5%		
BG10-31	**29.70**	**30.20**	**B51546**	0.50	2.229	**FP- Diorite contact; Flt Breccia at 29.7m; Start of Strong ductile shear zone at 20 to 45 deg TCA from 29.7m to 31.4m; 29.7 to 30.1m 15% dk grey qtz + mo, 5-8% diss mg py in slips + vn's**	2.263	2.194
BG10-31	**30.20**	**30.90**	**B51548**	0.70	0.891	**8-12% dis mg py in slips + vn's; 20-25% qtz+dol vn'ing, strong shearing + chl + talc**		
BG10-31	**30.90**	**31.50**	**B51549**	0.60	1.338	**8-10% py predominantly from 31.2 to 31.4m; py in qtz vn at 31.4m at contact with Fl**	1.509	1.166
BG10-31	**31.50**	**32.40**	**B51550**	0.90	2.537	**5-8% diss py in frac's at 25 tom35 deg TCA from 2mm to 1.2cm wide with 50-75% p**	3.017	2.057
BG10-31	32.40	33.20	B51551	0.80	0.549	3-5% fg diss py in frac's; 5-10% qtz+dol vn'ing with splash of cpy		
BG10-31	33.20	34.10	B51553	0.90	0.549	1mm wide parallel py frac's at 10 deg TCA; overall 1-3% py		
BG10-31	34.10	35.00	B51554	0.90	0.27	1-3mm wide py vn's at 10-20 deg TCA; overall 3-5% py		
BG10-31	35.00	35.90	B51555	0.90	<.03	one 1mm frac with qtz+py; overall 1% py		
BG10-31	35.90	37.00	B51556	1.10	<.03	one 1mm frac with qtz+py; overall <1% py		
BG10-31	37.00	38.00	B51557	1.00	0.206	3-5% fg diss py in matrix and in wispy frac's; 10% late white-grey qtz + dol vn's		
BG10-31	38.00	39.00	B51559	1.00	0.069	1-2% diss py overall mostly in frac's <2mm wide		
BG10-31	39.00	40.00	B51560	1.00	<.03	late qtz+dol vnlets with minor spec hem; 1-2% diss py in occasional frac's		
BG10-31	40.00	41.50	B51561	1.50	0.206	from 40 to 54.2m occasional frac's predominantly 0 to 20 deg TCA & minor 65 to 70 deg TCA with py, frac's a no more than 0.5cm wide		
BG10-31	41.50	42.70	B51563	1.20	0.069	as with 40 to 41.5m;		
BG10-31	42.70	43.80	B51564	1.10	0.343	as with 40 to 41.5m; 3-5% diss py overall in frac's; graphite on slip at 44m		
BG10-31	43.80	44.70	B51565	0.90	3.051	as above; 5-7% diss fg py in matrix and wispy frac's; <5% white late qtz+dol vn'i	2.811	3.291

Hole_ID	From	To	Sample_#	Length	Au ppm	Description	Au ppm_ck	Au ppm-ck2
BG10-31	44.70	46.20	B51566	1.50	1.235	as with 40 to 41.5m	1.303	1.166
BG10-31	46.20	47.50	B51567	1.30	0.823	as with 40 to 41.5m		
BG10-31	47.50	48.50	B51568	1.00	<.03	as with 40 to 41.5m		
BG10-31	48.50	49.40	B51569	0.90	0.754	as with 40 to 41.5m; multiple frac's at 5-15 deg TCA with py overall 3-5% diss py		
BG10-31	49.40	50.40	B51570	1.00	0.206	as with 40 to 41.5m; multiple frac's at 5-15 deg TCA with py overall 1-3% diss py		
BG10-31	50.40	51.90	B51571	1.50	0.069	as with 40 to 41.5m		
BG10-31	51.90	53.20	B51572	1.30	<.03	as with 40 to 41.5m		
BG10-31	53.20	54.20	B51573	1.00	0.069	as with 40 to 41.5m		
BG10-31	57.50	58.30	B51574	0.80	<.03	1-2% diss py in FP		
BG10-31	58.30	59.00	B51575	0.70	<.03	FP-Diorite Bx contact1-3% diss py near contact & within one 2mm frac with chl + carb		
BG10-31	59.00	59.70	B51577	0.70	<.03	1-2% diss py		
BG10-31	59.70	60.70	B51578	1.00	<.03	59.7 to 63.6 5-7% fg to mg euhedral to subhedral py in fine drusy penetrative and non-penetrative sometin discontinuous frac's		
BG10-31	60.70	61.70	B51579	1.00	0.411	as with 59.7 to 60.7m		
BG10-31	61.70	62.50	B51580	0.80	0.343	as with 59.7 to 60.7m		
BG10-31	62.50	63.50	B51581	1.00	1.783	as with 59.7 to 60.7m; 10% 0 to 5 deg TCA grey-white carb vn 0.5 to 0.75cm wide, py on margi	1.714	1.851
BG10-31	63.50	64.30	B51582	0.80	0.686	3-5% py in frac's		
BG10-31	64.30	65.30	B51583	1.00	<.03	1-2% py in discont carb frac's		
BG10-31	65.30	66.30	B51584	1.00	1.063	as above	1.234	0.891
BG10-31	66.30	67.30	B51585	1.00	0.480	<1% py; 66.7m 1.2cm carb vn with py		
BG10-32	2.70	4.10	B26912	1.40	0.069			
BG10-32	4.10	5.20	B26913	1.10	<.03			
BG10-32	5.20	6.30	B26914	1.10	<.03			
BG10-32	6.30	7.60	B26915	1.30	<.03	0.05m q-ank-epi w 10% leuco+5% cse d py@7		
BG10-32	7.60	8.70	B26916	1.10	0.069			
BG10-32	8.70	9.60	B26917	0.90	0.549	0.1m of epi-ser centred on 1/2" q-ank vn w 1/2" 70% cse py vn's either sic		
BG10-32	9.60	10.50	B26919	0.90	0.069	2*1/4" 30% cse py vn's centred on on q-ank @7		
BG10-32	10.50	12.00	B26920	1.50	<.03			
BG10-32	12.00	13.50	B26921	1.50	<.03			
BG10-32	13.50	15.00	B26922	1.50	<.03	10% epi@60+150		
BG10-32	15.00	16.50	B26923	1.50	0.206	2*1/4" 30% cse py vn's centred on on q-ank @21+28 w epi; +2* 1/8" 40% cse py vn's@2		
BG10-32	16.50	18.00	B26924	1.50	<.03	1% 1/8"30% cse py vn's in epi @3		
BG10-32	18.00	19.50	B26925	1.50	<.03	3% 1/8"30% cse py vn's in epi @35; 1/2" q-ank imm foll by 1/4" 60% cse py vn@3		
BG10-32	19.50	21.00	B26926	1.50	<.03			
BG10-32	21.00	22.00	B26927	1.00	0.274			
BG10-32	22.00	22.75	B26928	0.75	0.480	slip; hem'd fract's		
BG10-32	22.75	23.75	B26929	1.00	0.823	10% up to 1" epi-q-ank-20% leuco zones w 10% cse py @32+6		
BG10-32	23.75	24.65	B26930	0.90	0.274			
BG10-32	24.65	26.20	B26931	1.55	0.206	5% 1/8"30% cse py vn's in epi @52+14		
BG10-32	26.20	27.60	B26932	1.40	0.343	2% 1/8" q-ank w epi+5-8% cse py vn's@35-6		
BG10-32	27.60	28.40	B26933	0.80	0.960	0.1m q-ank vn in 0.3m ser-chl-30% leuco w 20% f d py-well min'd w gyish sil'n imm prec by 30% zones of 10 f d py		
BG10-32	28.40	29.10	B26934	0.70	0.069			

Hole_ID	From	To	Sample_#	Length	Au ppm	Description	Au ppm_ck	Au ppm-ck2
BG10-32	29.10	30.00	B26935	0.90	0.343	5% cse d py in 10% leuco +epi @1(		
BG10-32	30.00	31.30	B26936	1.30	0.069	1" gy q-ank+ hem'd ct's@26 in epi-ser w 2% cse d p		
BG10-32	31.30	32.10	B26937	0.80	<.03	2*1/4" 30% cse py vn's @46 w epi;		
BG10-32	32.10	33.00	B26938	0.90	0.069	BC; 10% epi; 2% cse d py		
BG10-32	33.00	34.50	B26939	1.50	<.03			
BG10-32	34.50	36.00	B26940	1.50	0.137	10% epi		
BG10-32	36.00	37.55	B26941	1.55	0.206			
BG10-32	37.55	38.40	B26942	0.85	<.03	1" 40% cse+ 10% f py vn in 0.05m epi-ser@4		
BG10-32	38.40	39.40	B26944	1.00	<.03	5% epi		
BG10-32	39.40	40.80	B26945	1.40	0.137	magn		
BG10-32	40.80	42.00	B26946	1.20	0.206	ct in BC		
BG10-32	42.00	43.30	B26947	1.30	<.03			
BG10-32	43.30	44.50	B26948	1.20	0.206	ct; 1% 1/8" epi-q-ank w 5-20% cse py@4		
BG10-32	44.50	46.00	B26949	1.50	0.411	10-20% epi-q-ank vn's to 1" w 5-10% f + cse d py + w 1% cp@25,55+12		
BG10-32	46.00	47.50	B26950	1.50	0.069	5% epi-q-ank vn's to 1/8" w 5% f + cse d py + w 5% cp@15+8		
BG10-32	47.50	48.95	B26951	1.45	0.069	5% epi-q-ank vn's to 1/8" w 5% f + cse d py + w 5% cp@15+8		
BG10-32	48.95	50.00	B26952	1.05	0.069	0.1m 50% epi+ 1" wt qv is vuggy w 5% cse d py in BC@3		
BG10-32	50.00	51.40	B26954	1.40	<.03	wy hem'd br; BC		
BG10-32	51.40	52.60	B26955	1.20	<.03	ct is q-ank vn 1/4" w 2% cp; BC; 3% cse bleb p		
BG10-32	52.60	53.20	B26956	0.60	0.480			
BG10-32	53.20	54.20	B26957	1.00	0.343			
BG10-32	54.20	55.15	B26958	0.95	0.069	1/2" wt vuggy q-ank vn@32 w 5% cse d py+3% cp		
BG10-32	55.15	56.30	B26959	1.15	0.686	hem'd fract's; br wy hem'(		
BG10-32	56.30	57.50	B26960	1.20	0.206	1/2" q-ank-chl vn@35 w 1% cp		
BG10-32	57.50	58.90	B26961	1.40	0.069			
BG10-32	58.90	59.65	B26962	0.75	<.03	3/4" q-ank vn@43 w 10% spec imm prec by 0.15m 20% leuc		
BG10-32	59.65	60.90	B26963	1.25	<.03			
BG10-32	60.90	62.25	B26964	1.35	<.03			
BG10-32	62.25	63.70	B26965	1.45	0.137			
BG10-32	63.70	65.25	B26966	1.55	<.03			
BG10-32	65.25	66.35	B26967	1.10	<.03			
BG10-32	66.35	67.20	B26968	0.85	<.03	2* 0.15m 20% leuco w 1/2"-0.05m q-ank-carb vn's@62		
BG10-32	67.20	68.60	B26969	1.40	<.03			
BG10-32	68.60	69.65	B26970	1.05	<.03			
BG10-32	69.65	70.70	B26971	1.05	<.03	100% sample w 20% leuco; rare p		
BG10-32	70.70	72.00	B26972	1.30	<.03	40% sample w 20% leuco; rare p		
BG10-32	72.00	73.50	B26973	1.50	0.069	100% sample w 20% leuco; 30% q-ank-carb@22 imm prec by slip; 5% ser'n; 1% cse d py locy conc near slip		
BG10-32	73.50	75.00	B26974	1.50	<.03	100% sample w 20% leuco; 10% q-ank-carb@41; 1" pa gy q-ank vn w no py imm prec by and cut by 1/4" chl (shr) w 15% cse+ f d py-all @21- w 5% cp		
BG10-32	75.00	76.50	B26975	1.50	0.069	100% sample w 20% leuco; becomes more bl'd downhole w 2% cse d py+ se		
BG10-32	76.50	78.00	B26977	1.50	0.069	fresher; 5% q-ank vn's@3(		
BG10-32	78.00	79.50	B26978	1.50	0.069	fresher; 5% q-ank vn's@3(		
BG10-32	79.50	81.00	B26979	1.50	<.03			
BG10-32	81.00	82.50	B26980	1.50	<.03			

Hole_ID	From	To	Sample_#	Length	Au ppm	Description	Au ppm_ck	Au ppm-ck2
BG10-32	82.50	84.00	B26981	1.50	<.03	20% sample w 15% leuco around 0.05m q-ank w 2% cse d py+cp @7		
BG10-32	84.00	85.50	B26982	1.50	<.03			
BG10-32	85.50	87.00	B26983	1.50	<.03			
BG10-32	87.00	88.20	B26984	1.20	<.03			
BG10-32	88.20	89.00	B26985	0.80	0.069	1/4"-1/2" 70% cse py vn@17		
BG10-32	89.00	89.65	B26987	0.65	<.03			
BG10-32	89.65	91.00	B26988	1.35	<.03			
BG10-32	91.00	91.85	B26989	0.85	<.03			
BG10-32	91.85	93.00	B26991	1.15	0.686	80% sample w 20% leuco; 2% cse d py in 0.2m 40% q-ank@2		
BG10-32	93.00	94.50	B26992	1.50	<.03	40% sample w 20% leuco; 1"q-ank vn w 1% cse d py@2		
BG10-32	94.50	96.00	B26993	1.50	<.03			
BG10-32	96.00	97.00	B26994	1.00	<.03			
BG10-32	97.00	98.00	B26995	1.00	0.069	0.05m q-ank-spec vn @17		
BG10-32	98.00	98.80	B26996	0.80	0.206	BC; 1/8" 40% cse py vn@5(		
BG10-32	98.80	99.60	B26997	0.80	0.960	BC w at least 0.1m wt q-ank vn w 5-10% cse d py+2% cp imm foll in BC by at least 1" 50% cse+20% f p vn@52 in pa gy sil'n- vn imm prec by 5% cse d py; 11 vein?		
BG10-32	99.60	100.60	B26999	1.00	0.069	10% epi; rare py		
BG10-32	100.60	102.00	B27000	1.40	<.03			
BG10-32	102.00	103.50	B27001	1.50	<.03	1/2" bull vuggy wt q-ank vn@1(		
BG10-32	103.50	104.50	B27002	1.00	0.960	5% q-ank		
BG10-32	104.50	105.95	B27003	1.45	0.137	40% sample w 20% leuco assd w 5-8% q-ank vn's@70-80 w 1-2% cse d p		
BG10-32	105.95	106.50	B27004	0.55	<.03			
BG10-32	106.50	108.00	B27005	1.50	<.03			
BG10-32	108.00	109.50	B27006	1.50	<.03			
BG10-32	109.50	111.00	B27007	1.50	<.03			
BG10-32	111.00	112.50	B27008	1.50	<.03	0.3m BC on hem'd fract's		
BG10-32	112.50	114.00	B27009	1.50	0.343	5% epi		
BG10-32	114.00	115.50	B27010	1.50	0.069	5% epi locy conc @13 assd w magr		
BG10-32	115.50	117.00	B27011	1.50	0.069	0.05m q-ank vn@52 w spec in 0.2m 20% leuco; 3/4"q-ank vn w 3% f d py @38 in 0.05m 20% leu		
BG10-32	117.00	118.50	B27012	1.50	0.069	1/2" gyish q-ank vn@8(		
BG10-32	118.50	120.00	B27013	1.50	<.03	1" gyish q-ank vn@8(		
BG10-32	120.00	121.45	B27014	1.45	0.069			
BG10-32	121.45	122.40	B27015	0.95	0.069			
BG10-32	122.40	123.00	B27016	0.60	0.069	0.2m br wy hem'd w 5% chl w 2% cse d py+2% cp ends shrply @sli		
BG10-32	123.00	124.35	B27017	1.35	0.069			
BG10-32	124.35	124.95	B27018	0.60	0.069			
BG10-32	124.95	125.60	B27019	0.65	0.686	0.1m med gy sil'n w 50%pk feld?@45 in 0.2m 50% e		
BG10-32	125.60	126.75	B27020	1.15	2.469	0.1m brick red hem'd @46 centred on 1/4" q-ank vn@35 w 5% c	3.154	4.046
BG10-32	126.75	127.80	B27021	1.05	0.137	BC; wy hem'd locy		
BG10-32	127.80	128.80	B27022	1.00	0.617	0.2m w 10% cse d py in wy sil'd wy hem'		
BG10-32	128.80	129.40	B27023	0.60	0.343	1/2" of rubble w 70% cse py rounded-with no wallrock alt'n-see next samp		
BG10-32	129.40	130.20	B27025	0.80	2.160	at least 0.2m rounded rubble w 80% cse d py- with no wallrock alt'n (cave from surface? Or from zone @98.8-99.6? Or from this location but GC?)	1.714	2.606
BG10-32	130.20	131.50	B27027	1.30	0.343			
BG10-32	131.50	133.00	B27028	1.50	<.03			

Hole_ID	From	To	Sample_#	Length	Au ppm	Description	Au ppm_ck	Au ppm-ck2
BG10-32	133.00	134.30	B27029	1.30	<.03			
BG10-32	134.30	135.60	B27030	1.30	<.03			
BG10-32	135.60	136.65	B27031	1.05	0.206	30% epi; 10% q-ank vn's to 1/2" @20-3(		
BG10-32	136.65	137.80	B27032	1.15	<.03			
BG10-32	137.80	138.80	B27033	1.00	<.03	15% epi; 1/2" q-ank vn@20 w 2% f d p		
BG10-32	138.80	139.70	B27034	0.90	0.754	BC; 0.3m 30% cse d py@28 in bl'c		
BG10-32	139.70	141.00	B27035	1.30	0.137			
BG10-32	141.00	142.25	B27036	1.25	0.343	10% epi w 10% f d py@2(		
BG10-32	142.25	142.90	B27037	0.65	0.206			
BG10-32	142.90	144.00	B27038	1.10	0.686	2* 0.05m q-ank vn's@22+30 bullish imm foll by 0.1m 80% cse py vn@31 imm foll by 15% cse d py over 0.3m		
BG10-32	144.00	145.15	B27040	1.15	0.137	3% cse py vn's 1/8" @56		
BG10-32	145.15	146.30	B27041	1.15	0.137	0.1m of 20% cse py vn's assd w bl'g +epi @56; then 3% cse d py assd w 10% e		
BG10-32	146.30	147.30	B27042	1.00	<.03			
BG10-32	147.30	148.65	B27043	1.35	<.03			
BG10-32	148.65	150.00	B27044	1.35	0.274	10% epi;		
BG10-32	150.00	151.60	B27045	1.60	<.03	0.1m 15% leuco@65		
BG10-32	151.60	153.00	B27046	1.40	<.03			
BG10-32	153.00	154.50	B27047	1.50	0.069	3% cp assd w q-ank vn's @4(		
BG10-32	154.50	155.30	B27048	0.80	<.03			
BG10-32	155.30	156.00	B27049	0.70	<.03	0.1m @ 40 w 10% cse d p		
BG10-32	156.00	157.30	B27050	1.30	<.03			
BG10-32	157.30	158.05	B27051	0.75	0.069			
BG10-32	158.05	159.30	B27052	1.25	0.069			
BG10-32	159.30	160.60	B27053	1.30	<.03			
BG10-32	160.60	162.00	B27054	1.40	0.480	10% q-ank vn's to 1/2" w 1% cp @10 x-cuts sil'd zone@120 w 3% cse bleb p		
BG10-33	4.30	4.90	B47561	0.60	<.03	1% diss py in matrix + in clots		
BG10-33	4.90	6.00	B47562	1.10	1.338	1-3% diss py in frac's at 10 and 45 deg TCA possibly with mo; 5.5 to 5.7m creamy white tension frac's with perv sil alt'n 3-5% py in frac's	1.166	1.509
BG10-33	6.00	6.50	B47563	0.50	<.03	rare occasional frac's with py overall 1-2% py		
BG10-33	6.50	7.00	B47564	0.50	<.03	at 6.75m 4mm wide frac'ing at 65 deg TCA with py; overall 1-2% py		
BG10-33	7.00	8.00	B47565	1.00	0.069	1% fg py in matrix		
BG10-33	10.40	11.10	B47567	0.70	<.03	1-2% diss euhedral fg to mg py in matrix; one <0.20cm py vn		
BG10-33	11.10	11.60	B47568	0.50	0.069	5-7% py in vn's + frac's; 11.2m 1.5cm wide 70% py vn at 60 deg TCA, weak multiple frac's with py; sample en at FP - Diorite Contact		
BG10-33	11.60	12.20	B47570	0.60	<.03	1-3% diss py in weak frac'ing; 15-20% leuc flecs; strong disjointed magnetite bands near FP Contact		
BG10-33	12.20	13.00	B47571	0.80	0.069	12.5 to 12.9m weak frac'ing with assoc leuc flecs+ 1-3% py in frac's		
BG10-33	13.00	13.70	B47572	0.70	0.411	2cm wide carb vn with 40% py at 13.26 to 13.3m at 55 deg TCA; other weak frac'ing with carb+py; overall 3-5 py		
BG10-33	13.70	14.20	B47573	0.50	0.137	1% py, weak frac'ing		
BG10-33	14.20	15.10	B47574	0.90	1.132	**start of py + perv sil alt'n+ leuc flecs with py in frac's + py in vn's at generally 20 to 30 deg TCA; overall 5-8% py**	1.097	1.166
BG10-33	15.10	15.60	B47575	0.50	0.960	**as above**		
BG10-33	**15.60**	**16.30**	**B47576**	**0.70**	**23.932**	**as above; at 16m 1cm wide vn at 20 deg TCA**	**22.972**	**24.892**

Hole_ID	From	To	Sample_#	Length	Au ppm	Description	Au ppm_ck	Au ppm-ck2
BG10-33	16.30	17.10	B47578	0.80	2.160	**as above; at 16.7 7cm wide carb+ 60% py vn; overall 5-8% diss p**	2.331	1.989
BG10-33	17.10	18.10	B47579	1.00	<.03	mod to weak frac'ing; 1-3% diss py		
BG10-33	18.10	19.60	B47580	1.50	<.03	1% diss py		
BG10-33	19.60	20.30	B47581	0.70	4.938	3-5% diss py in frac's and in matrix; 10-15% leuc flec	6.309	3.566
BG10-33	20.30	21.40	B47583	1.10	6.480	1-2% diss py; 10% leuc flecs; weakly frac'd with p	7.749	5.211
BG10-33	**21.40**	**22.30**	**B47584**	0.90	**4.423**	**21.4 to 25.3m Shear + Frac'd + Leuc Flecs + Perv Chl-Sil + Dk Grey-Mauve mo Qtz Vn'ing where noted with 3-12% fg to mg diss py in frac's + vn's + in matrix; frac's at 45 to 50 deg TCA**	**4.183**	**4.663**
BG10-33	**22.30**	**23.00**	**B47585**	0.70	**7.955**	**as above; 5-7% diss py in frac's and in matrix; at 22.8m tension qtz+mo vn'let**	**6.926**	**8.983**
BG10-33	**23.00**	**23.50**	**B47586**	0.50	**35.178**	**as above; strong perv sil+ mo +7-10% fg diss p**	**35.452**	**34.903**
BG10-33	**23.50**	**24.00**	**B47588**	0.50	**196.356**	**as above; strong perv sil+ mo +7-10% fg diss p**	**213.945**	**178.767**
BG10-33	**24.00**	**24.50**	**B47589**	0.50	**11.281**	**as above; strong perv sil+ mo +7-10% fg diss py ends at 24.2m; after 24.2m 1-3% py in slips in matrix a 50 deg TCA**	**11.452**	**11.109**
BG10-33	**24.50**	**25.00**	**B47590**	0.50	**2.675**	**1-3% diss py in slips in matrix; Flt healed with carb +qtz at 10 deg TCA at 24.7**	**2.606**	**2.743**
BG10-33	25.00	25.50	B47591	0.50	**2.263**	shear weaken's to two frac's with py; overall 3-5% py; 5% leuc fle	**2.400**	**2.126**
BG10-33	25.50	26.50	B47592	1.00	0.206	1-2% py; slip with py+carb at 25.6m at 60 deg TCA; mutliple 1mm frac's at 55 to 65 deg TCA with weak p carb		
BG10-33	26.50	27.10	B47593	0.60	1.337	three 2mm frac-vn's with carb+qtz at 45 to 55 deg TC	1.234	1.440
BG10-33	27.10	28.00	B47594	0.90	<.03	infill sample; <1% py		
BG10-33	28.00	28.50	B47595	0.50	<.03	1-2% mg py		
BG10-33	28.50	29.00	B47597	0.50	<.03	<1% py		
BG10-33	29.00	30.50	B52317	1.50	<.03	infill sample		
BG10-33	30.50	32.00	B52318	1.50	<.03	infill sample		
BG10-33	32.00	33.00	B47598	1.00	0.343	1% py in frac's		
BG10-33	33.00	33.80	B47599	0.80	2.366	10-15% opaque white carb+qtz; weak to mod frac'ing + 5% leuc flecs; 1-2% diss	2.606	2.126
BG10-33	33.80	34.40	B47600	0.60	0.069	<1% diss py		
BG10-33	**34.40**	**35.00**	**B51504**	0.60	**6.172**	**10-12% fg diss py in strong localized shear at 65 to 70 deg TCA with perv carb + minor dg grey qtz**	**6.309**	**6.034**
BG10-33	35.00	35.80	B51506	0.80	0.206	10% late drusy white carb vn'ing; 1% diss py		
BG10-33	35.80	36.70	B51507	0.90	0.686	10-15% qtz+dol tensional vn's + 0 deg TCA slip with chl+carb for entire sample; 1-3% diss py		
BG10-33	36.70	37.20	B51508	0.50	0.480	two to three 2mm wide frac's with py with 1-3% py overall		
BG10-33	**37.20**	**37.70**	**B51509**	0.50	0.891	**37.2 to 38.3m strong Shear + Py + Carb+ Qtz+Sil + Chl Alt'n; 5-7% diss py in frac's + in matrix**		
BG10-33	**37.70**	**38.30**	**B51510**	0.60	**3.498**	**20-25% fg py in shear + vn's at 25 to 35 deg TCA; 5% dk grey qtz; 10-15% white carb vn'ing; Diorite-FP contact at 38.2m**	**3.429**	**3.566**
BG10-33	38.30	39.30	B51512	1.00	0.137	3mm wide light grey qtz vnlet at 38.3m at 60 deg TCA; 2-5% spec hem in clots; 1% diss py		
BG10-33	39.30	40.30	B51513	1.00	0.137	1-2% fg py in matrix; hairline tensional frac's with qtz		
BG10-33	40.30	41.80	B52319	1.50	0.343	infill sample		
BG10-33	41.80	43.00	B52320	1.20	<.03	infill sample		
BG10-33	43.00	44.50	B51514	1.50	0.069	1-2% diss py in matrix		
BG10-33	44.50	45.30	B51515	0.80	<.03	as above		
BG10-33	45.30	45.80	B51516	0.50	0.343	at FP-Diorite contact 3-5% mg diss py + epi		
BG10-33	45.80	46.50	B51517	0.70	0.206	<1% diss py usually along slips		
BG10-33	46.50	47.90	B52321	1.40	<.03	infill sample		

Hole_ID	From	To	Sample_#	Length	Au ppm	Description	Au ppm_ck	Au ppm-ck2
BG10-33	47.90	48.60	B51518	0.70	0.343	two 1mm frac at 25 deg TCA with very fg py with epi		
BG10-33	48.60	49.70	B52322	1.10	<.03	infill sample		
BG10-33	49.70	50.60	B52323	0.90	0.411	infill sample		
BG10-33	50.60	51.50	B51519	0.90	0.411	weakly frac'd section with occasional frac's + very fg py+ epi+carb		
BG10-33	51.50	52.80	B51520	1.30	0.274	3-5% very fg py in multiple hairline frac's at 10 deg TCA		
BG10-33	52.80	54.00	B51521	1.20	0.343	5-7% very fg diss py in multiple frac's with epi		
BG10-33	54.00	54.70	B51522	0.70	0.480	at 54.4m qtz vn'ing with epi margins; 1-2% diss mg py		
BG10-33	54.70	56.20	B52324	1.50	<.03	infill sample		
BG10-33	56.20	57.70	B52325	1.50	<.03	infill sample		
BG10-33	57.70	58.70	B52326	1.00	<.03	infill sample		
BG10-33	58.70	59.60	B52327	0.90	<.03	infill sample		
BG10-33	59.60	60.30	B51523	0.70	0.274	59.7 to 59.8m qtz+carb vn'ing with epi margins		
BG10-33	60.30	61.10	B52328	0.80	<.03	infill sample		
BG10-33	61.10	61.80	B51524	0.70	0.206	frac'd with strong magnetite bands; <5% qtz vn'ing		
BG10-33	61.80	63.00	B52329	1.20	0.549	infill sample		
BG10-33	63.00	64.00	B52330	1.00	<.03	infill sample		
BG10-33	64.00	65.10	B52331	1.10	<.03	infill sample		
BG10-33	65.10	66.40	B51525	1.30	0.137	1-2% diss py in frac's 1-2mm wide at 20 deg TCA		
BG10-33	*66.40*	*67.30*	*B51526*	0.90	1.474	*66.4 to 68.1m Fractured Zone with strong chl in frac's + 15-20% leuc flecs + 1-5% diss py in matrix + in frac's*	1.371	1.577
BG10-33	*67.30*	*68.10*	*B51527*	0.80	1.611	*as above*	1.851	1.371
BG10-33	68.10	69.00	B51528	0.90	0.549	10-15% grey-white carb vn'ing; 1-2% diss py in mtri		
BG10-33	69.00	70.00	B51529	1.00	<.03	at 69.6m a 3cm wide qtz vn at 50 deg TCA		
BG10-33	70.00	70.60	B51530	0.60	0.823	at 70.4m 1 cm vn with py at 20 deg TCA		
BG10-33	70.60	71.20	B51531	0.60	4.526	71.1m frac with qtz+py at 25 deg TCA	4.594	4.457
BG10-33	71.20	72.20	B52332	1.00	0.206	infill sample		
BG10-33	72.20	73.30	B52333	1.10	0.274	infill sample		
BG10-33	73.30	73.80	B51532	0.50	0.617	73.54 to 73.74m 85 deg TCA qtz vn'ing with leuc flecs on margins; 1-3% py		
BG10-33	79.50	80.00	B51533	0.50	<.03	contact Diorite & Syenite; Syenite has 1-2% diss py in matrix		
BG10-36	10.85	11.45	B48632	0.60	<.03	1" chl-pk carb vn@35 w 10% cp as blebs		
BG10-36	15.65	16.50	B48633	0.85	0.069	wy hem'd w 2* 1/16" q-ank vn's w 20% cse py@64		
BG10-36	18.05	19.00	B48634	0.95	<.03	BC; 3/4" q-ank vn@37 w 2% cse d py in hem'd brick red 0.1m		
BG10-36	20.50	21.30	B48635	0.80	0.206	5% cp in 1/4" chl-ank vn w 10% cse py@42		
BG10-36	23.10	24.30	B48636	1.20	0.137	2* 1/8" spec hem vn's@140 x-cut 0.2m dull wt sil vn's @58-bullish		
BG10-36	24.30	25.50	B48637	1.20	0.206	wy hem'd; 2*1/8" 30% cse py vn's@50 assd w chl-sil; 2% cp		
BG10-36	25.50	26.75	B48638	1.25	<.03			
BG10-36	26.75	28.25	B48639	1.50	<.03			
BG10-36	28.25	29.20	B48640	0.95	0.754	0.28m lam pa gy qv in BC imm prec by flt/slip @27-imm foll by 0.6m ser-chl +10% q-ank		
BG10-36	29.20	30.25	B48642	1.05	<.03			
BG10-36	30.25	31.50	B48643	1.25	<.03	1/8" 30% cse py vn@52 in 0.05m pk carb vuggy zone		
BG10-36	33.95	34.65	B48644	0.70	<.03	0.15m q-ank-chl-pk carb shr imm foll by 0.05m hily hem'd brick red w 10% cse d py		
BG10-36	34.65	35.25	B48645	0.60	<.03			

Hole_ID	From	To	Sample_#	Length	Au ppm	Description	Au ppm_ck	Au ppm-ck2
BG10-36	36.35	37.00	B48646	0.65	<.03	2* flt's w 12% f d py bet; imm prec by hily hem'd brick red 0.1m		
BG10-36	49.50	50.15	B48647	0.65	0.206	0.2m hem'd brick red w 3% f d py@47+cr'd +ser'd		
BG10-36	50.15	51.00	B48648	0.85	0.274	1/8"chl ann bx in myl 1" in 0.3m hily hem'd+cr'd@15 w 10% f d py		
BG10-36	51.00	52.00	B48649	1.00	<.03	flat @5-15 chl-ank slips in hem'd mody w3% cse d py		
BG10-36	52.00	53.20	B48650	1.20	0.069	slip imm prec by 0.2m 10% f d py in ser-chl-sil'd zone w 5% chl-sil		
BG10-36	53.20	54.00	**B48662**	0.80	<.03			
BG10-36	54.00	55.20	**B48663**	1.20	<.03			
BG10-36	55.20	55.95	B48651	0.75	0.137	20% q-ank in olive gn@55+ser'd+ 2% cse d py		
BG10-36	55.95	57.00	B48652	1.05	<.03	olive gn ser'd+10% q-ank+1" chl-sil@44 w 3% f d py		
BG10-36	57.00	58.20	B48653	1.20	0.343	olive gn; ser'd; chl'c; mottled; 2% cse d py		
BG10-36	58.20	59.00	B48654	0.80	0.411	peak alt'n; well min'd w 20% q-ank+ 30% chl-sil w 15% f d py@42+ folded+ alb'd?+ bleb that does not cross core		
BG10-36	59.00	59.80	B48656	0.80	0.480	peak alt'n; well min'd w 30% q-ank+ 40% chl-sil w 15% f d py@42-44 on tight flt		
BG10-36	59.80	60.60	B48657	0.80	0.274	alt'n ends after 0.2m		
BG10-36	63.80	65.10	B48658	1.30	<.03			
BG10-36	65.10	66.20	B48659	1.10	0.480			
BG10-36	66.20	67.15	B48660	0.95	<.03			
BG10-36	78.10	78.85	B48664	0.75	<.03	1/2" chl-carb flt		
BG10-36	84.35	85.40	B48665	1.05	<.03	bl'd bone wt *2 1/2"on slips@57		
BG10-36	87.40	88.80	B48666	1.40	0.069	wy hem'd assd w carb vn's@30		
BG10-36	110.60	112.00	B48667	1.40	<.03	0.05m hem'd brick red imm prec by flt imm prec by 1" chl imm prec by 0.1m wy hem'd		
BG10-36	112.00	112.60	B48668	0.60	<.03	0.05m hem'd mody w 5% cse d py imm foll by 1/4" 20% f d py assd w chl-ser		
BG10-36	112.60	113.60	B48669	1.00	<.03			
BG10-36	118.60	119.60	B48670	1.00	<.03	3* 1/4"-1/2" epi-chl fract's , one w 1/4" q-ank+10% cse d py+1% cp-all@28		
BG10-36	121.75	122.70	B48671	0.95	0.480	1" pk carb-epi-act-qtz-cal vn @15-30 w 5% cse d py+ 3% cp-vuggy		
BG10-36	130.20	131.20	B48672	1.00	<.03	0.05m cal-qtz-chl vn vuggy @41 w 1% cse d py		
BG10-36	139.30	140.10	B48673	0.80	<.03	1/4"-1/2" epi-pk carb vn w 20% cse d py+5%spec @45		
BG10-36	148.40	149.00	B48674	0.60	0.206	0.05m pk carb vn w 3% cse d py@28-vuggy		
BG10-36	163.00	163.70	B48675	0.70	<.03	0.05m pk carb vn w 7% cse+f d py@40-in 0.1m hily bl'd (on ct's)		
BG10-36	165.75	166.45	B48676	0.70	<.03	1" vuggy chl hily bl'd zone w 10% cse d py@30		
BG10-36	172.70	174.00	B48677	1.30	<.03	hily bl'd@32 olive gn (dyke?)		
BG10-36	174.00	175.60	B48678	1.60	<.03	locy hem'd mody@38; hily bl'd; ser'd; 5% chl fract's; mottled		
BG10-36	175.60	176.70	B48679	1.10	<.03	locy hem'd mody@38; hily bl'd; ser'd; 5% chl fract's; mottled		
BG10-36	176.70	180.85	B48680	4.15	0.069	loc peak alt'n w 1" ser shr w 10% spec@ 180.0 block		
BG10-36	180.85	182.45	B48681	1.60	0.069			
BG10-36	191.15	192.00	B48682	0.85	<.03	1" chl shr w 5% f d py on slip in 0.2m hily bl'd zone		
BG10-36	192.00	192.90	B48683	0.90	<.03			
BG10-36	192.90	194.20	B48684	1.30	<.03	1/8" chl shr imm prec by 0.1m bl'd@67 imm foll by 1" wy hem'd		
BG10-36	194.20	195.70	B48685	1.50	<.03			
BG10-36	195.70	196.25	B48686	0.55	0.069	1/2" flt in 0.1m BC w cr'd+ chl-carb imm foll by 1" ser-chl-q-ank w 10% f d py@59		
BG10-36	196.25	197.25	B48688	1.00	0.069	0.15m hily bl'd-almost ser-chl shr-@73 w 2% f d py		
BG10-36	198.90	199.65	B48689	0.75	1.71		1.509	1.920
BG10-36	**199.65**	**200.45**	**B48690**	0.80	**4.42**	**hily hem'd brick red-centred on 0.2m 30% pa gy qtz frag's w 1% f d py@53 imm foll by 0.3m of 2% f d py**	**4.800**	**4.046**
BG10-36	200.45	202.15	B48691	1.70	0.069	1" dk gy chlc zone w 5% f d py@40		
BG10-36	202.15	203.50	B48692	1.35	0.069	initial 0.3m BC;		

Hole_ID	From	To	Sample_#	Length	Au ppm	Description	Au ppm_ck	Au ppm-ck2
BG10-36	203.50	204.85	B48693	1.35	0.960			
BG10-36	204.85	205.65	B48694	0.80	0.069	0.2m hem'd brick red w 3% cse+f d py@52 assd w ser'n		
BG10-36	205.65	206.45	B48695	0.80	<.03			
BG10-36	206.45	207.15	B48696	0.70	0.411	1" q-ank w 5% cse d y imm prec by chl slip@66 in 0.1m bl'd mody		
BG10-36	207.15	208.15	B48697	1.00	0.069			
BG10-36	208.15	209.80	B48699	1.65	0.686	3/4" q-ank w 2% f d py@55		
BG10-36	209.80	211.15	B48700	1.35	1.509	1/2" ser-chl w 10% cse+f d py@28; 1/4" q-ank vn w 2% cse d py imm prec by slip@42	1.989	1.029
BG10-36	211.15	212.45	B48701	1.30	<.03			
BG10-36	214.90	216.00	B48702	1.10	0.960			
BG10-36	216.00	216.70	B48703	0.70	1.23	2* 1/8" 40% cse py vn's@66 in 0.1m mody hem'; 5% cse+ f d py assd w chl-ank fract's	1.509	0.960
BG10-36	216.70	217.55	B48704	0.85	0.549	10% q-ank+5% cse+ f d py assd w ser'd zone w 1" pa gy qv-all@62+80		
BG10-36	217.55	218.15	B48705	0.60	2.880	0.1m dk gy chl-sil vn w 5% f d py imm foll by ser-chl shr w 10% f+5% cse d py assd w pa gy v hily sil'd- all @65	3.086	2.674
BG10-36	218.15	219.00	B48706	0.85	1.440	3% q-ank; wk ser'n	1.440	1.440
BG10-36	219.00	219.90	B48707	0.90	0.069	3% q-ank; wk ser'n; ct		
BG10-36	219.90	220.90	B48708	1.00	<.03			
BG10-36	228.00	228.95	B48709	0.95	0.069	1" mody hem'd on fract's chl@43 w 2% f d py; ser'd wy		
BG10-36	228.95	230.25	B48710	1.30	0.137			
BG10-36	230.25	231.25	B48711	1.00	0.069	1/2" mody hem'd@56 w 10% cse d py		
BG10-36	231.25	232.10	B48712	0.85	<.03			
BG10-36	232.10	232.85	B48713	0.75	1.543	0.15m 30% q-ank vn's@80 w 10% cse d py in hily bl'd ser-chl	1.714	1.371
BG10-36	232.85	234.00	B48714	1.15	0.686			
BG10-36	236.70	237.70	B48715	1.00	0.206			
BG10-36	237.70	238.50	B48716	0.80	1.372	60% q-ank vn's to 0.2m w 20% chl blebs+15% hem'd wy bx frag's+2% cse d py	1.303	1.440
BG10-36	238.50	239.65	B48718	1.15	2.915	ser'n+10% q-ankv w 3% f d py; 0.05m hem'd wy@69	3.429	2.400
BG10-36	253.00	254.00	B48719	1.00	0.069	bl'd; 5% ank; wy ser'd@43		
BG10-36	254.00	255.30	B48721	1.30	1.166		1.234	1.097
BG10-36	255.30	256.30	B48722	1.00	3.943	1/4" wy hem'd w 3% cse d py@68	3.840	4.046
BG10-36	263.65	264.50	B48723	0.85	<.03			
BG10-36	264.50	265.10	B48724	0.60	3.326	3% cse d py in 0.2m mody hem'd-all@47	4.457	2.194
BG10-36	265.10	266.25	B48725	1.15	0.206			
BG10-36	279.60	281.15	B48726	1.55	<.03			
BG10-36	281.15	281.85	B48727	0.70	<.03	chl flt imm prec by 0.2m mody hem'd w 5% f d py assd w chl fract's/myl?		
BG10-36	281.85	283.05	B48728	1.20	<.03			
BG10-36	283.05	284.00	B48729	0.95	3.74	1/8" chl fract's w 2% f d py assd w ank@68-almost slip	3.291	4.183
BG10-36	284.00	285.40	B48730	1.40	0.137	hily bl'd; 3/4" q-ank-sil-chl vn w 5% cse d py@54		
BG10-36	285.40	286.65	B48731	1.25	0.206	15% q-ank in ser'd+ chl'd zone@24 w 3% f d py assd w dk gy chl-sil; hem'd hily brick red locy		
BG10-36	286.65	288.00	B48732	1.35	<.03	fresh dyke		
BG10-36	290.60	292.15	B48733	1.55	0.617	10% dk gn chl zones w 10% cse d py@5-18		
BG10-36	293.45	294.80	B48734	1.35	<.03			
BG10-36	294.80	296.00	B48735	1.20	0.274	15% q-ank in ser'd+ chl'd zone@24 w 4% cse d py;5% ser		
BG10-36	296.00	297.00	B48736	1.00	<.03			
BG10-36	303.00	303.70	B48737	0.70	<.03	0.05m hily hem'd brick red @55 w 5% f d py assd w ser'n		
BG10-36	313.30	313.95	B48738	0.65	<.03	0.05m q-ank vn bullish on slip imm foll by 0.1m mody hem'd w 10% cse d py @69		
BG10-36	313.95	315.00	B48739	1.05	<.03			

Hole_ID	From	To	Sample_#	Length	Au ppm	Description	Au ppm_ck	Au ppm-ck2
BG10-36	315.00	315.80	B48740	0.80	<.03	wy hem'd; 1/4" q-ank@47		
BG10-36	315.80	316.95	B48741	1.15	<.03	wy hem'd; 1/4" q-ank@37		
BG10-36	316.95	317.60	B48742	0.65	<.03	10% q-ank vn's to 1/4" @62 assd w mody hem'd; 1/4" med gy qv @44 w 10% f d py+ 10% cse d py		
BG10-36	317.60	318.60	B48743	1.00	0.137			
BG10-36	318.60	319.45	B48745	0.85	<.03	hily hem'd brick red centred on 1/4" 70% cse py vn@42; 3% cse d py		
BG10-36	319.45	320.30	B48746	0.85	<.03	hily hem'd brick red centred on 2* 1/4-1/2" 70% cse py vn's@42 assd w q-ank med gy+ chl fract's; 10% q-ank @140		
BG10-36	320.30	321.45	B48748	1.15	<.03	5% cse d py; hm'd		
BG10-36	321.45	322.60	B48749	1.15	<.03	chl1" @25; hem'd		
BG10-36	322.60	324.00	B48750	1.40	<.03	0.2m BC; hem'd hily; 5-8% cse d py; 5% q-ank@46		
BG10-36	324.00	324.80	B48751	0.80	<.03	3% cse d py		
BG10-36	324.80	326.35	B48752	1.55	<.03	2% cse d py		
BG10-36	326.35	327.10	B48753	0.75	<.03	hily hem'd centred on 0.2m q-ank w 10% cse d py@22		
BG10-36	327.10	328.05	B48754	0.95	<.03			
BG10-36	328.05	329.15	B48755	1.10	<.03			
BG10-36	329.15	330.20	B48756	1.05	0.069			
BG10-36	330.20	331.35	B48757	1.15	<.03	chl-ank shr'd centred on 0.2m chl myl w 3-5% f d py@5-25 does not cross core		
BG10-36	331.35	332.45	B48758	1.10	<.03	shr'd chl olive gn w 1-2% f d py		
BG10-36	332.45	333.35	B48759	0.90	0.343	30% q-ank-cal bx w 2% f d py assd w ser-chl-ang frag's;		
BG10-36	333.35	334.80	B48760	1.45	<.03	shr'd chl olive gn w 1-2% f d py ends in BC		
BG10-36	334.80	335.70	B48761	0.90	<.03	3-5% f d py; fresher but shr'd w 10% q-ank+ ser'n		
BG10-36	335.70	337.10	B48762	1.40	<.03	5-8% f d py in ser'n; shr'd@28; locy sil'd		
BG10-36	337.10	338.05	**B48771**	0.95	<.03	5% f d py; ser-chl		
BG10-36	338.05	339.00	**B48772**	0.95	<.03	2% f d py; ser'n 10% chlfract's assd w sil; 5% q-ank		
BG10-36	339.00	340.50	**B48773**	1.50	<.03	2% f d py; ser'n 10% chlfract's assd w sil; 5% q-ank		
BG10-36	340.50	342.00	**B48774**	1.50	<.03	2% f d py; ser'n 10% chlfract's assd w sil; 5% q-ank		
BG10-36	342.00	343.50	**B48775**	1.50	<.03	2% f d py; mody hem'd		
BG10-36	343.50	345.00	**B48776**	1.50	<.03	2% f d py; mody hem'd		
BG10-36	345.00	346.30	B48763	1.30	<.03	5% cse d py; mody hem'd; 5% ser'n		
BG10-36	346.30	347.35	B48764	1.05	<.03	5% cse d py; mody hem'd; 5% ser'n		
BG10-36	347.35	348.60	B48765	1.25	0.274	5% cse d py; mody hem'd; 5% ser'n		
BG10-36	348.60	349.60	B48766	1.00	0.480	10% cse d py; turns hily hem'd brick red centred on 0.1m 20% q-ank+30% cse py vn's to 1"@40	1.440	1.303
BG10-36	349.60	350.55	B48768	0.95	<.03	5% cse d py; hily hem'd brick red@47		
BG10-36	350.55	352.05	B48769	1.50	<.03	5-10% cse d py; hily hem'd brick red@47		
BG10-36	352.05	353.50	B48770	1.45	<.03	initially wy hem'd+ 10% cse d py; then ct then mottled+ hem'n ends + alt'n ends @ flt-posy 1/16" gouge; ser-chl common		
BG10-36	357.65	358.60	B48777	0.95	<.03	10% q-ank; 8% cse d py; ser'd @22		
BG10-36	358.60	359.60	B48778	1.00	<.03	peak alt'n imm foll flt; 10-15% v f d py assd w abun ser'n@34; mody sil'd;		
BG10-36	359.60	360.65	B48779	1.05	0.343	first 0.5m as above; then 5% f d py+ser'd		
BG10-36	360.65	361.50	B48781	0.85	0.069	ser'd+ chl'd; 3-5% f d py; rare med gy qtz frag's; wk sil'n@37		
BG10-36	361.50	362.95	B48782	1.45	<.03	olive gn; 5% cse d py; 15% red por dykes/frag's@50; rare med gy 1/8" qv's@52 w 10% cse d py		
BG10-36	362.95	364.35	B48783	1.40	<.03	fresher; 3% cse d py		
BG10-36	364.35	365.45	B48784	1.10	<.03	por w 2% med gy qv's to 1/8"@43 w 5% cse d py		
BG10-36	365.45	366.90	B48785	1.45	<.03			
BG10-36	366.90	368.30	B48786	1.40	<.03			

Hole_ID	From	To	Sample_#	Length	Au ppm	Description	Au ppm_ck	Au ppm-ck2
BG10-36	368.30	369.90	B48787	1.60	0.069	10% q-ank in 10% por frag's assd w bull q frag's w 5% cse d py		
BG10-36	369.90	370.50	B48788	0.60	<.03	1/4" 50% cse py vn@46		
BG10-36	372.85	373.60	B48789	0.75	<.03	0.3m 30% 1/4" q-ank vn's assd w mody sil'd w 5% cse d py		
BG10-36	373.60	374.35	B48790	0.75	<.03			
BG10-36	374.35	375.80	B48791	1.45	0.07	ct; 0.5m bx w 5% cse d py; locy wy sil'd; 5-8% cse d py in last 0.4m, then fresh		
BG10-36	384.90	386.20	B48792	1.30	<.03	5% q-ank vn's to 1/8"@50 assd w 3% cse d py+3% spec; 1/4" 50% cse py vn@50		
BG10-36	386.20	387.00	B48793	0.80	<.03	hily hem'd 0.2m zone w 5% f+5% cse d py@80 w 10% q-ank 1/8" vn's		
BG10-36	387.00	388.00	B48794	1.00	<.03	3% cse d py; mody hem'd		
BG10-36	397.20	398.50	B48795	1.30	0.617			
BG10-36	398.50	399.45	B48796	0.95	<.03	ct ser'd w 5% f d py over 1"+ 1/4" pk carb vn; 3% f d py locy conc to 6% assd w bl'd+ser'd		
BG10-36	399.45	400.20	B48797	0.75	<.03	ct; peak alt'n; 0.1m w 10-% f d py in mody sil'd hily ser'd zone imm prec by flt+ 1" bull carb-q vn @37; #12 vn?		
BG10-36	400.20	401.50	B48799	1.30	<.03	ser'd wy		
BG10-36	401.50	402.90	B48800	1.40	<.03			
BG10-36	402.90	404.30	B48801	1.40	<.03			
BG10-36	404.30	405.40	B48802	1.10	<.03			
BG10-36	405.40	406.50	B48803	1.10	<.03	ct imm prec by0.15m 10% ser; locy sil'd por w 5% cse d py locy conc assd w chl-sil@55		
BG10-36	406.50	407.35	B48804	0.85	0.206	peak alt'n; #12 vn?; flt imm prec by 0.1m 8% cse d py assd w 10% ser+ mody sil'd+ w 20% q-ank; imm foll by hily sil'd+bl'd 0.1m w 5% cse d py assd w chl-sil; last 0.15m w 5% f d py assd w chl-dk gy sil@37		
BG10-36	407.35	408.00	B48805	0.65	<.03			
BG10-36	408.00	408.90	B48806	0.90	<.03			
BG10-36	408.90	410.20	B48807	1.30	<.03			
BG10-36	410.20	411.00	B48808	0.80	<.03	ct		
BG10-36	411.00	412.25	B48810	1.25	<.03	1/2" wy sil'd+ w ser w 5% f d py@62 imm foll by BC, then fresh		
BG10-36	423.70	424.45	B48811	0.75	<.03	mody hem'd; 4% cse d py		
BG10-36	429.40	430.60	B48812	1.20	<.03	wy bl'd; 5% 1/8" q-ank vn's@40; ct		
BG10-36	432.90	433.80	B48813	0.90	<.03	mody hem'd centred on chl fract's@65; 2% f d py		
BG10-36	433.80	434.85	B48814	1.05	<.03	bull dull wt 1" qv@64		
BG10-36	438.85	439.85	B48815	1.00	<.03	0.1m 60% pk carb-qtz w 1/4"-1/2" 50% cse py vn's on ct's-all@40		
BG10-36	439.85	441.05	B48816	1.20	<.03	mottled; hily bl'd- brought in by 1" q-chl-sil vn w 10% cse py@68; 0.05m shr is wk w 5% cse d py		
BG10-36	441.05	442.25	B48817	1.20	<.03	locy mody bl'd w 2* 1/8" 30% cse py vn's@58		
BG10-36	444.95	446.10	B48818	1.15	<.03			
BG10-36	446.10	446.75	B48819	0.65	<.03	1" dull wt qv in 0.1m hily bl'd w 20% cse d py@39		
BG10-36	446.75	448.30	B48821	1.55	<.03			
BG10-36	450.25	450.90	B48822	0.65	<.03	1" dull wt qv w 10% cse+5% f d py 1" either side-all@32		
BG10-36	450.90	452.60	B48823	1.70	<.03			
BG10-36	452.60	453.60	B48824	1.00	<.03	1" pk arb-qtz vn w chl slips either side+ 1/8" 8% cse d py		
BG10-37	8.00	9.40	B51586	1.40	0.274	1-3% diss py in matrix and in 1-3mm vn's; broken core - loss of core; RQD= 60		
BG10-37	9.40	10.50	B51587	1.10	0.274	as above		
BG10-37	10.50	11.50	B51588	1.00	0.480	as above; RQD=90%		
BG10-37	11.50	12.00	B51589	0.50	0.480	11.63 to 11.74m weak frac'ing with 1-2% p		
BG10-37	12.00	13.00	B51591	1.00	0.137	1-2% py in matrix and in chl clot		
BG10-37	13.00	14.50	B51592	1.50	0.206	1% diss py in matri		
BG10-37	14.50	15.00	B51593	0.50	0.274	at 14.78m a 3mm 50% py vn at 70 deg TCA; 1-2% diss py in matr		

Hole_ID	From	To	Sample_#	Length	Au ppm	Description	Au ppm_ck	Au ppm-ck2
BG10-37	15.00	16.00	B51595	1.00	<.03	one 2mm frac with py at 80 deg TCA		
BG10-37	16.00	17.50	B51596	1.50	0.206	1% dis py		
BG10-37	17.50	18.40	B51597	0.90	0.960	FP to Syn to FP; 1% py in matri	1.166	0.754
BG10-37	**18.40**	**19.00**	**B51598**	0.60	1.098	**start of Frac Zone with red oxy'd hem coloured matrix; 3-5% diss py in moderate mutli-subparallel frac's at 55 deg TCA with 1 to 3mm widths**	1.166	1.029
BG10-37	**19.00**	**20.00**	**B51599**	1.00	0.617	**as above**		
BG10-37	**20.00**	**20.50**	**B51601**	0.50	0.754	**3-5% fg diss py in stronger mutli frac's at 70 to 80 deg TCA; possible 3cm wide diorite at 20.4r**		
BG10-37	**20.50**	**21.00**	**B51602**	0.50	1.680	**strong flt + gouge at 20.6m to 20.63m; 90% py in 6cm wide vn at 20.65 to 20.77m at 75 deg TCA; overall 10-15%py including other py frac's**	1.509	1.851
BG10-37	**21.00**	**21.50**	**B51604**	0.50	0.274	**5-7% fg diss py in weak drusy frac's**		
BG10-37	**21.50**	**22.20**	**B51605**	0.70	1.337	**3-5% fg diss py in frac's, at 21.9m 5mm wide vn at 90 deg TCA with 70% p**	1.303	1.371
BG10-37	22.20	23.10	B51606	0.90	0.137	red oxy'd ends abruptly at 22m; 1-2% diss py in matr		
BG10-37	23.10	23.60	B51607	0.50	0.343	1-2% py in weak frac'd sectior		
BG10-37	23.60	24.10	B51608	0.50	1.680	23.8 to 24m strong frac + flt at 23.95 at 90 deg TCA with 5-8% diss py in vn's and frac	1.783	1.577
BG10-37	24.10	24.60	B51609	0.50	<.03	weak slip frac'ing with <1% py		
BG10-37	24.60	26.00	B51610	1.40	<.03	infill sample		
BG10-37	26.00	27.20	B51611	1.20	<.03	infill sample		
BG10-37	35.80	36.70	B51612	0.90	0.137	outlier sample to flt sample		
BG10-37	36.70	37.30	B51613	0.60	0.411	36.8 to 37.3m Flt at 0 to 5 deg TCA with qtz+carb+dol+chl+ser; 1-3% diss fg p		
BG10-37	37.30	38.00	B51614	0.70	0.274	outlier sample to flt sample		
BG10-37	41.70	42.40	B51615	0.70	<.03	two 1 cm wide parallel qtz+dol vn's at 25 to 30 deg TCA; 1-2% spec her		
BG10-37	47.50	48.20	B51616	0.70	0.754	5% qtz vn'ing with 1-2% spec hem in vn'		
BG10-37	48.20	48.70	B51617	0.50	0.137	qtz vnlets with 1% spe hen		
BG10-37	48.70	49.20	B51618	0.50	<.03	30% drusy qtz with a few vnlets with strong spec her		
BG10-37	49.20	50.40	B51619	1.20	0.274	frac's with qtz+dol and minor se		
BG10-37	50.40	51.30	B51620	0.90	<.03	15% multiple bone white qtz vn's <0.5cm wide at 70 to 85 deg TCA; 1-3% spec hem in vr		
BG10-37	51.30	52.30	B51621	1.00	<.03	5% frac's with bone white qtz with 1-2% spec hem in vn's + one vn with splash of c		
BG10-37	53.70	54.30	B51623	0.60	<.03	flt slip at 53.85 to 53.95m at 20 deg TCA with spec hem+ p		
BG10-37	59.40	60.40	B51624	1.00	0.274	hairline frac's with 1% diss mg py		
BG10-37	60.40	61.00	B51626	0.60	0.206	as above		
BG10-37	61.00	61.70	B51627	0.70	0.069	weak flt + slips with qtz+ser+chl+carb at 50 to 65 deg; one vn with splash of c		
BG10-37	61.70	62.60	B51628	0.90	<.03	negl py		
BG10-37	75.00	76.00	B51629	1.00	0.137	at 75.3m 1.5cm wide qtz+dol vn at 20-25 deg TCA; 5-10% qtz vn'ing; <1% p		
BG10-37	76.00	77.00	B51630	1.00	0.206	flt with 0.25 cm wide white qtz+chl+fg py at 0 to 3 deg TCA from 76.1 to 76.7m; one vn with strong spec hem		
BG10-37	77.00	77.70	B51631	0.70	0.069	5% qtz+dol vn'ing with ch		
BG10-37	77.70	78.70	B51632	1.00	<.03	20-25% qtz & qtz+dol with chl at 35 to 40 deg TCA		
BG10-37	78.70	80.00	B51633	1.30	<.03	one qtz+dol vn at 20 deg TCA		
BG10-38	12.40	13.40	B47423	1.00	<.03	flt imm prec by 3/4" spec-carb-chl in BC+ 0.1m wy hem'		
BG10-38	16.50	17.40	B47424	0.90	<.03	flt imm prec by 0.1m hily bl'c		
BG10-38	17.40	18.40	B47425	1.00	0.069			
BG10-38	20.60	21.50	B47427	0.90	0.274	0.2m q-ank-sil vn's to 1"@20 in bl'd mody zone-ang 20% bx frag's w 2% cse d p		
BG10-38	21.50	22.20	B47428	0.70	0.069	0.25 hem'd @55 w 30% bull q-ank vn's to 1/2		
BG10-38	24.35	25.50	B47429	1.15	<.03	20% dk gy q frag's in wy bl'd; 3% f d py; ser'n; all@4		
BG10-38	25.50	26.35	B47430	0.85	<.03	1/2" q-ank vn@3C		

Hole_ID	From	To	Sample_#	Length	Au ppm	Description	Au ppm_ck	Au ppm-ck2
BG10-38	26.35	27.20	B47431	0.85	0.480	massive med gy lineated qv w 10-15% cp+ 10% spec @47 imm prec by 1"q-ank-ser vn@45+ 0.1m mody bl'd ser'd+ chl'd		
BG10-38			B47432	0.00	<.03	BLANK		
BG10-38	27.20	28.60	B47433	1.40	0.069	0.2m q-ank-med gy qv zone w 15% f d py+ ser-chl@27 in wy sil'd, mody hem'd 0.5m w 3% cse + f d		
BG10-38	28.60	30.20	B47434	1.60	<.03	bl'd wy-mody sil'd		
BG10-38	30.20	31.00	B47435	0.80	<.03	2* 1/4" med gy qv's@50+44 w 8% cse d py in hily hem'd brick red zone w 20% 1/8" q-ank imm foll by		
BG10-38	31.00	32.20	B47436	1.20	<.03			
BG10-38	35.70	36.50	B47437	0.80	<.03			
BG10-38	36.50	37.20	B47438	0.70	<.03	0.1m hily bl'd+ cr'd w 3-5% cse d py imm prec by 1/8" gouge flt imm prec by 1/2" 50% cse py		
BG10-38	37.20	38.90	B47439	1.70	<.03			
BG10-38	42.25	43.90	B47440	1.65	<.03	mody bl'd; 2% cse d py+ 2% spec-all@32; 1/8" med gy bull qv @4		
BG10-38	43.90	45.00	B47441	1.10	<.03	2* 1" hem'd brick red @62		
BG10-38	47.30	48.55	B47442	1.25	<.03	5% q-ank; wy hem'd@52		
BG10-38	48.55	49.20	B47443	0.65	<.03	0.1m hily bl'd w 3-4% cse d py@65 imm foll by 0.2m hily hem		
BG10-38	49.20	50.10	B47444	0.90	0.549	wy hem'd centred on 1/4" q-ank @3		
BG10-38	56.45	57.50	B47445	1.05	<.03	mottled chl-ser-q-ank zone centred on str slip imm prec by 1/2" 5% f d p		
BG10-38	57.50	59.20	B47446	1.70	<.03	1/2" mody sil'd@35 w 5% cse d p		
BG10-38	66.00	67.30	B47447	1.30	0.069	3* 0.05m-0.2m hily bl'd zones w 10% q-ank@40-43 w 5-10% cse d p		
BG10-38	68.30	69.10	B47449	0.80	0.069	5% cse d py		
BG10-38	70.95	71.90	B47450	0.95	0.069	bl'd		
BG10-38	71.90	73.10	B47451	1.20	<.03	0.1m dk gy qv w ank w 10% f+4% cse d py@32 in 0.4m hily bl'd+ hily hem'd zone w 5% cse d		
BG10-38	73.10	74.55	B47452	1.45	<.03			
BG10-38	74.55	76.15	B47454	1.60	<.03	wy hem'd@35		
BG10-38	93.00	93.90	B47455	0.90	<.03	hem'd wy; 5% cp+5% spec+5% cse d py assd w pk carb fract's @30; B		
BG10-38	108.00	109.30	B47456	1.30	0.069	3/4" q-ank vn@75-bullish		
BG10-38	109.30	110.00	B47457	0.70	<.03	0.2m 20% q-ank vn's to 1/2"@32 in wy bl'd zon		
BG10-38	110.00	110.90	B47458	0.90	0.03	0.25m q-ank vn imm foll by flt w ser+chl+2% f d p		
BG10-38	110.90	111.75	B47459	0.85	0.069	1" q-ank vn@38		
BG10-38	120.95	122.15	B47460	1.20	0.03			
BG10-38	122.15	123.15	B47461	1.00	0.03	flt in 0.8m hily bl'd zone w 15% q-ank+5-10% spec+ 2% cse d py-all@5		
BG10-38	123.15	124.20	B47462	1.05	0.03			
BG10-38	129.50	130.40	B47463	0.90	0.03			
BG10-38	130.40	131.15	B47464	0.75	0.274	0.1m q-ank vn w 10% spec+3% cp+2% cse d py assd w ser-chl@4		
BG10-38	131.15	132.20	B47466	1.05	0.03	1" q-ank vn w 10% chl clots+5% spec+3% cp@5-10		
BG10-38	132.20	133.60	B47467	1.40	0.03			
BG10-38	142.05	143.00	B47468	0.95	0.03	wy sil'd+ mody bl'd w 10% q-ank vn's@30+55; rare f d py; ser'd w		
BG10-38	145.60	147.00	B47469	1.40	0.03	ct; wy bl'd; 5% hairline ank fract's@50-65		
BG10-38	147.00	148.45	B47470	1.45	0.274	wy bl'd+ ser'd		
BG10-38	150.30	151.00	B47471	0.70	0.03	ser'd@16 w 2% spec+ 1% cse d py+cp		
BG10-38	153.10	154.30	B47472	1.20	0.069	ser-chl-ank wk shr w 5% spec		
BG10-38	154.30	154.90	B47473	0.60	0.03			
BG10-38	154.90	155.90	B47474	1.00	0.206	0.2m chl-sil bx w 5-8% f d py+ rare cp-all@32		
BG10-38	155.90	156.80	B47475	0.90	0.274			
BG10-38	164.40	165.00	B47477	0.60	0.343	flt imm foll by 1/4" pk carb+ disc 1/4" pa gy qv w 10% f d p		
BG10-38	165.00	166.40	B47478	1.40	0.274	5% cse d py locy conc assd w q-ank@47		

Hole_ID	From	To	Sample_#	Length	Au ppm	Description	Au ppm_ck	Au ppm-ck2
BG10-38	166.40	167.70	B47479	1.30	0.03	sy-posy dyke hem'd brick red w 20-25% cse d py@15; 20% chl	1.303	1.029
BG10-38	167.70	168.90	B47481	1.20	0.343	0.1m wy sil'd w 30% q-ank+chl@32 w10% f d py assd w ser'n; 20% contorted q-ar		
BG10-38	168.90	169.90	B47482	1.00	0.137	5% q-ank+ser'd@43		
BG10-38	169.90	171.10	B47483	1.20	2.09	10% med gy sil'd zones w 10% f d py +10% q-ank in ser'd, chl'd zone -all@43	2.263	1.920
BG10-38	171.10	172.60	B47484	1.50	1.13	ser'd+ 5% cse d py, changes to hem'd red-br	1.166	1.097
BG10-38	172.60	174.00	B47485	1.40	<.03			
BG10-38	174.00	175.50	B47486	1.50	0.823	locy ser'd+ sil'd w 5% f d py@34		
BG10-38	175.50	177.00	B47487	1.50	<.03	hem'd brick red; 5% f d py		
BG10-38	177.00	178.60	B47488	1.60	1.82	hem'd; 5% q-ank; locy sil'd wy-all@30-50 w 3-4% f d py	1.783	1.851
BG10-38	178.60	179.50	B47489	0.90	3.57	hem'd brick red-bl'd+cr'd intensely centred on washed out flt imm prec by 0.4m ser-chl-sil-ank zone w 10% f d py-@22	3.771	3.360
BG10-38	179.50	180.30	B47490	0.80	1.10	0.15m 70% cse py vn@35;	1.166	1.029
BG10-38	180.30	181.80	B47491	1.50	0.754	0.2m+0.1m 40% cse py vn's@37		
BG10-38	181.80	183.10	B47492	1.30	0.411			
BG10-38	183.10	184.20	B47493	1.10	0.411	0.25m BC posy w flt imm prec by 0.3m ser-chl shr zone w 30% cse d p		
BG10-38	184.20	185.05	B47494	0.85	<.03	3/4" v str gouge flt imm prec by 0.3m intense chl-ser shr w 2% f d py locy cor		
BG10-38	185.05	187.60	B47495	2.55	0.480	ser'd heavily; 3% cse d py in 0.15m sil'd shr @5		
BG10-38	186.75	188.10	B54893	1.35	<.03	Infill		
BG10-38	187.60	188.75	B47496	1.15	0.069	shr'g wk'g w 2% cse d py		
BG10-38	188.10	189.55	B54894	1.45	<.03	Infill		
BG10-38	189.55	190.80	B54895	1.25	<.03	Infill		
BG10-38	190.80	192.20	B54896	1.40	0.823	Infill		
BG10-38	192.20	193.80	B54897	1.60	0.617	Infill		
BG10-38	193.80	195.20	B54898	1.40	0.206	Infill		
BG10-38	195.20	196.70	B47497	1.50	0.206	inc'g bl'g downhole; 0.2m posy dyke khaki gn aph w 15% spec@4		
BG10-38	196.70	197.50	B47498	0.80	0.617	hem'd wy; locy ser'r		
BG10-38	197.50	198.30	B47499	0.80	0.686	0.3m mody sil'd centred on 1" hem'd brick red w chl-sil+10% cse d py+ 20% q-ank-all@55; 5-8% cse+f d p assd w ser'n		

Hole_ID	From	To	Sample_#	Length	Au ppm	Description	Au ppm_ck	Au ppm-ck2
BG10-38	198.30	199.60	B48501	1.30	0.617	bl'd mody		
BG10-38	199.60	200.70	B48502	1.10	1.920	bl'd mody; 10% dull wt qv's 1/4"-1/2"@55 w 15% ser+ locy ank+ 3% f d py	2.057	1.783
BG10-38	200.70	202.25	B48503	1.55	5.486	2* 1/4"-1/2" 5-8% cse py assd w chl fract's@44+62 assd w wk sil'n		
BG10-38	202.25	203.90	B48504	1.65	0.274	5% cse d py assd w 15% chl fract's@45; 0.1m hem'd mod		
BG10-38	203.90	205.20	B48505	1.30	<.03			
BG10-38	213.00	214.15	B48506	1.15	0.137			
BG10-38	214.15	215.25	B48507	1.10	<.03	0.3m ser-chl shr w 10% f d py assd w ser-chl@ start, then 3% cse d py+w 15% ank; imm foll by 0.2m brick re hem'd w 3% cse d py imm foll by 0.2m dk gn chlc w 10% cse d py		
BG10-38	215.25	216.30	B48508	1.05	<.03	hem'd brick red w 50% dk gn clot		
BG10-38	219.15	220.35	B48509	1.20	<.03	10% cse d py in mody hem'd @16; 1/4" 50% cse py vn@11		
BG10-38	220.35	221.40	B48510	1.05	0.069	8% cse d py; mody hem'c		
BG10-38	221.40	222.25	B48511	0.85	<.03	15% cse d py to ct-mody hem'd; 0.1m 10% q-ank+chl w 10% cse d py @ ct; 1" 10% f d py imm foll		
BG10-38	222.25	223.15	B48512	0.90	0.274			
BG10-38	224.70	226.05	B48513	1.35	<.03	slip; 3% cse d py locy conc in wy hem'c		
BG10-38	226.05	227.50	B48514	1.45	<.03	0.5m chlc w 15% q-ank		
BG10-38	227.50	228.35	B48515	0.85	<.03	0.25m wy bl'd w 30% q-ank@22 w 5% cse d p		
BG10-38	232.30	233.40	B48516	1.10	<.03	4% cse d py locy conc		
BG10-38	233.40	235.10	B48517	1.70	<.03	85% gn alt'n/dykes w 5-6% cse d py assd w chl-an		
BG10-38	235.10	237.00	B48518	1.90	<.03	hem'd sy w 8% cse d p		
BG10-38	237.00	238.50	B48519	1.50	<.03	10-15% cse d py in gn alt'n/dyke assd w chl @10-1		
BG10-38	238.50	240.00	B48520	1.50	<.03	10% q-ank; 50% gn alt'n; 8% cse d p		
BG10-38	240.00	241.00	B48521	1.00	<.03	hem'd sy; 10% cse d p		
BG10-38	241.00	242.10	B48522	1.10	<.03	15% q-ank; 60% gn alt'n; 5% cse d py-all@24-36		
BG10-38			B48523	0.00	<.03	BLANK		
BG10-38	242.10	243.30	B48524	1.20	<.03			
BG10-38	243.30	244.70	B48525	1.40	<.03	0.2m gn alt'n		
BG10-38	247.75	249.00	B48526	1.25	<.03	10% bull q-ank vn's to 1" + 2% 1/8" wt qv's @35; 10% cse d py; hem'd s		
BG10-38	252.80	253.85	B48527	1.05	<.03	chlc wy+ wy ser'c		
BG10-38	257.45	258.60	B48528	1.15	<.03			
BG10-38	258.60	259.40	B48529	0.80	<.03	1/2" 70% cse py vn assd w ank-chl@34 imm foll by 1/2" hem'd brick re		
BG10-38	259.40	260.55	B48530	1.15	<.03			
BG10-38	277.10	278.60	B48532	1.50	<.03	10% q-ank vn's		
BG10-38	278.60	279.40	B48533	0.80	<.03	1/2" 70% cse py vn@16 in hily hem'd brick re		
BG10-38	279.40	280.65	B48534	1.25	<.03	hily bl'd; 4% cse d +vn py@27		
BG10-38	282.60	283.60	**B48547**	1.00	<.03			
BG10-38	289.90	291.00	B48535	1.10	<.03			
BG10-38	291.00	292.05	B48536	1.05	<.03	0.2m hily sil'd med gy w 3% cse d py+10% q-ank-all@48; 10% other hily sil'd w 3-10% cse d py-gen@22+46		

Hole_ID	From	To	Sample_#	Length	Au ppm	Description	Au ppm_ck	Au ppm-ck2
BG10-38	292.05	293.10	B48537	1.05	<.03			
BG10-38	293.10	294.40	B48538	1.30	<.03			
BG10-38	294.40	295.40	B48539	1.00	<.03			
BG10-38	295.40	296.75	B48540	1.35	<.03	30% hily sil'd med gy zones w 10% q-ank frag's+5% f d py-all@54; locy alb'd(		
BG10-38	296.75	297.50	B48541	0.75	<.03	2* flt's w 1/8" clay gouge+imm prec by 1/2" bull wt qv+ w 0.1m hily sil'd between w 30% f d py assd w chl-sil		
BG10-38	297.50	298.70	B48543	1.20	<.03			
BG10-38	298.70	299.60	B48544	0.90	0.343	1/16" gouge; 2 flt's 1" apart, both imm prec by 1/8" hily sil'd chl-sil w 10% f d py+ hem'd 2"+ se		
BG10-38	299.60	300.55	B48545	0.95	<.03			
BG10-38	300.55	301.60	B48546	1.05	0.206	shr'd w ser'n+ 15% q-ank@32 w 6% cse d+vn py@47; flt imm prec by 1" 50% q-ank+chl+ser+4% f d py im foll by 0.15m wy alb'd+sil'd		
BG10-38	301.60	302.40	B48548	0.80	0.137	ser-chl zone shr'd wy w 5-8% cse d+vn py@47; pa gn aph-could be dyke/mudstone/t		
BG10-38	302.40	303.40	B48549	1.00	<.03	fresh; rare py		
BG10-38	312.55	314.05	B48550	1.50	<.03	15% q-ank assd w chl fract's@5+35 w 3% f+5-8% cse d py assd w ser-cl		
BG10-38	314.05	315.00	B48551	0.95	<.03	3% cse d py assd w chl fract's @5-15		
BG10-38	315.00	316.00	B48552	1.00	<.03			
BG10-38	316.00	317.00	B48554	1.00	<.03	2*1/8" 50% cse py vn@53		
BG10-38	317.00	318.00	B48555	1.00	<.03	wy ser'd		
BG10-38	318.00	319.35	B48556	1.35	<.03	1/8" chl-sil vn w 15% f d py@55; 5% q-ank; 2-3% cse d py; wy bl'		
BG10-38	319.35	320.30	B48557	0.95	<.03	hily bl'd; wy sil'd; 20% q-ank up to 1" inc'g downhole to flt imm prec by 0.1m dull wt qv w 10% ang hem'd frag's+3-4% cse d py assd w ser'n-looks bullish		
BG10-38	320.30	321.80	B48558	1.50	<.03	5-8% cse d py		
BG10-38	324.10	324.90	B48559	0.80	<.03	0.05m q-ank-chl vn@44 w 10% cse d py in sil-chl within vn; imm prec by 0.25m 20% bull dull wt q		
BG10-38	327.00	328.40	B48560	1.40	<.03	2* 1/8" 50% cse py vn's assd w ank@4		
BG10-38	328.40	329.15	B48561	0.75	0.137	0.05m flt zone w 10% f+10% cse d py in q-ank-chl; 1/16" tight gouge; imm prec by 0.1m mody hem'd-imm f by 0.1m hil'y sil'd w 5% cse d py		
BG10-38	329.15	329.80	B48563	0.65	<.03			
BG10-38	329.80	331.25	B48564	1.45	<.03	10% mody sil'd w 5% cse d py		
BG10-38	331.25	332.20	B48565	0.95	<.03	30% hily sil'd w 5-8% cse d py; 3/4" 50% cse py vn@5		
BG10-38	332.20	333.50	B48566	1.30	<.03			
BG10-38	333.50	335.10	B48567	1.60	<.03			
BG10-38	335.10	336.30	B48568	1.20	<.03	30% sil'd; 5-6% cse d+ vn py@45; olive g		
BG10-38	336.30	337.50	B48569	1.20	<.03			
BG10-38	337.50	339.00	B48570	1.50	<.03	0.3m pk altn/dyke@6(		
BG10-38	339.00	340.50	B48571	1.50	<.03	3% cse d py		
BG10-38	340.50	342.00	B48572	1.50	<.03	0.3m 20% ank bx frag's are up to 3/4" and hily sil'd@4		
BG10-38	**342.00**	**342.90**	**B48573**	0.90	**23.14**	**flt w 1/8" gouge imm foll by 0.1m hily shr'd w 20% q-ank+5% f d py in chl-sil (med gy) w 3% pk carb; imm prec by 25% ank vn's**	**25.92**	**20.37**
BG10-38	342.90	343.80	B48575	0.90	0.274	flt w 1/8" gouge imm prec by 0.1m hily shr'd w 20% q-ank+5% f d py in chl-sil (med gy) w 3% pk carb; imm pre by 0.4m chl-ser-ank shr'd w 20% hily sil'd w 5% v f d py		
BG10-38	343.80	344.35	B48576	0.55	<.03	0.2m chl-ser-ank shr'd w 20% hily sil'd w 5% v f d py@4		
BG10-38	344.35	346.10	B48577	1.75	<.03	1/8" med gy qv@25 w 3% cse d py		
BG10-38	346.10	347.75	B48578	1.65	0.206	10% 1/2"-1" med gy q frag's/vn's @37+73 w 3% cse d py in locy hem'd red zones in ser'd olive gn overall w 5 cse d py; qtz frag's sim to QSZ (Mud Lake))		

Hole_ID	From	To	Sample_#	Length	Au ppm	Description	Au ppm_ck	Au ppm-ck2
BG10-38	347.75	349.00	B48579	1.25	<.03	freshens quickly to red-bl		
BG10-38	353.25	354.30	B48580	1.05	<.03	3% med gy qv's 1/8"-1/2" bullish but sim to QSZ (Mud Lake)) @22+150+75 w 1% cse d p		
BG10-38	354.30	355.75	B48581	1.45	<.03	grad ct		
BG10-38	355.75	356.80	B48582	1.05	<.03	1/4" gy qv @68-bullish w 2% cse d py; inc'g sil'n downhol		
BG10-38	356.80	358.15	B48583	1.35	<.03			
BG10-38	358.15	359.05	B48584	0.90	<.03	0.2m 30% dk gy qtz frag's sim to QSZ (Mud Lake)) @51 w 5% cse d py; 1/8" gy qv@55 separates hily+ wy sil d		
BG10-38	359.05	359.90	B48585	0.85	0.069	0.1m ser'd zone w 6% cse+f d py@24; hily sil'		
BG10-38	359.90	361.35	B48586	1.45	<.03	hily sil'd		
BG10-38	361.35	362.80	B48587	1.45	<.03	hily sil'd		
BG10-38	362.80	364.20	B48588	1.40	0.137	2* 1/8" med gy q str's@61		
BG10-38	364.20	365.30	B48589	1.10	0.069	dec'g sil'd downhole; 2* 1/8" med gy q str's@39		
BG10-38	365.30	366.00	B48591	0.70	0.069	BC imm foll by 0.3m 20% gy qtz frag's/vn's w 10% cse d py@42 assd w ser-cl		
BG10-38	366.00	367.85	B48592	1.85	<.03	10% 1/8" med gy qtz str's@35+52 w 3% cse d p		
BG10-38	367.85	368.40	B48593	0.55	0.137	60% med gy qtz frag's@32 w 6-8% f+cse d py-locy hem'd; core ends don't match bet this and fres		
BG10-38	368.40	370.15	B48594	1.75	<.03	0.1m wy hem'd w 1" pa gy qv bullish@4		
BG10-38	382.90	384.40	B48595	1.50	0.274	shrp hily sil'd ct@27; 5%chl-sil med gy@40 w 3% f d py; alb'd		
BG10-38	384.40	385.60	B48596	1.20	0.206	as above; freshens for 50%		
BG10-38	385.60	386.55	B48597	0.95	<.03	hily sil'd ct@42 w 1% f d p		
BG10-38	388.10	388.95	B48598	0.85	0.069	10% dk gy-blk chl w 10% cse d py-all@2		
BG10-38	388.95	389.80	B48599	0.85	<.03	hily sil'd		
BG10-38	389.80	391.40	B48600	1.60	0.274	gn khaki shrp ct@32 is ser'n w 10% micro sil fract's@45-75 w 5% cse d p		
BG10-38	393.90	394.90	B48601	1.00	0.069	hily sil'd		
BG10-38	394.90	395.60	B48602	0.70	0.480	3/4" blk chl-wk sil vn@32 w 3% cse d py; hily sil'		
BG10-38	395.60	396.50	B48604	0.90	<.03	hily sil'd		
BG10-38	396.50	397.50	B48606	1.00	0.617			
BG10-38	397.50	398.90	B48607	1.40	<.03	3-5% dk gy chl-sil@18 w 5% cse d p		
BG10-38	398.90	400.30	B48608	1.40	<.03	hily bl'd		
BG10-38	400.30	401.70	B48609	1.40	0.137	10% q-ank; 15% chl fract's; y-pa gn hily bl'		
BG10-38	401.70	402.90	B48610	1.20	<.03	0.3m bx of pk-red sy frag's + ser'n+ 3% f d py; 10% q-ank; 15% chl fract's; y-pa gn hily bl		
BG10-38	402.90	403.70	B48611	0.80	<.03	hily bl'd becomes hily sil'd w 5-10% f+ cse d py @30, then becomes hem'd red w 25% med gy+wt qtz frag (sim to QSZ (Mud Lake))+ qv's to 1" @59-85 w 5% cse+f d py		
BG10-38	403.70	404.80	B48612	1.10	<.03	hem'd red w 40% med gy+wt qtz frag's (sim to QSZ (Mud Lake))+ qv's to 1" @59-85 w 5% cse+f d p		
BG10-38	404.80	405.85	B48613	1.05	<.03	hem'd red w 15% med gy+wt qtz frag's (sim to QSZ (Mud Lake))+ qv's to 1" @59-85 w 5% cse+f d p		
BG10-38	405.85	406.60	B48614	0.75	<.03	hem'd red w 35% med gy+wt qtz frag's (sim to QSZ (Mud Lake))+ qv's to 1" @59-85 w 5% cse+f d p		
BG10-38	406.60	407.55	B48615	0.95	<.03			
BG10-38	407.55	408.80	B48616	1.25	<.03			
BG10-38	408.80	409.50	B48617	0.70	<.03	0.3m hily sil'd w 10% f+cse d py@5		
BG10-38	409.50	410.90	B48618	1.40	<.03	mody sil'd		
BG10-38	410.90	411.50	B48619	0.60	<.03	mody sil'd		
BG10-38	411.50	414.00	B48620	2.50	<.03	mody sil'd		
BG10-38	414.00	415.50	B48621	1.50	<.03	mody sil'd		
BG10-38	415.50	416.35	B48622	0.85	<.03	mody sil'd		

Hole_ID	From	To	Sample_#	Length	Au ppm	Description	Au ppm_ck	Au ppm-ck2
BG10-38	416.35	417.40	B48623	1.05	1.337	hily sil'd w flt imm prec by 1" chl-sil w 40% cse d py	1.234	1.440
BG10-38	417.40	418.10	B48624	0.70	0.069	0.1m q-ank vn w 10% chl-sil w 5% cse d py+5% spec imm foll by 0.1m hily hem'd w 10% cse d py assd w c sil-all@37		
BG10-38			B48625	0.00	<.03	BLANK		
BG10-38	418.10	418.85	B48626	0.75	<.03			
BG10-38	418.85	420.00	B48627	1.15	<.03	1/2" 20% cse d py assd w chl-sil@32		
BG10-38	426.25	427.50	B48628	1.25	<.03			
BG10-38	427.50	428.10	B48629	0.60	<.03	0.05m hil'd sil'd w 10% f+ cse d py@34		
BG10-38	428.10	429.30	B48630	1.20	<.03			
BG10-39	4.00	4.80	B47514	0.80	0.137	1-2% diss fg to mg euhedral py in matrix		
BG10-39	4.80	6.00	B47515	1.20	<.03	1-2% diss fg to mg euhedral py in matrix; 1-2% diss py in occasional 1mm frac's; 10-15% qtz+dol vn'ing; 4.8m a 2cm wide dk Felsic Dyklet		
BG10-39	6.00	7.00	B47516	1.00	0.137	1-2% diss fg to mg euhedral py in matrix; 10-15% qtz+dol vn'ing		
BG10-39	7.00	8.00	B47517	1.00	<.03	1-2% diss py in matrix		
BG10-39	8.00	9.00	B47518	1.00	<.03	as above		
BG10-39	9.00	10.00	B47520	1.00	<.03	as above; at 9.4m Flt at 20 deg TCA		
BG10-39	11.40	12.20	B47521	0.80	<.03	1-2% diss py in matrix; <5% 1mm qtz vnlets		
BG10-39	12.20	13.20	B47522	1.00	<.03	1-2% diss py in matrix; one discontinuous frac with py		
BG10-39	13.20	14.00	B47523	0.80	0.960	2-3% fg diss py in a 13 cm wide grey qtz vn from 13.5 to 13.7m at 45 deg TCA; with later white qtz+dol vnlets		
BG10-39	14.00	15.50	B47525	1.50	0.960	1-2% diss py + occasional 1mm py frac's		
BG10-39	15.50	16.30	B47526	0.80	0.754	1-2% diss py in matrix		
BG10-39	16.30	17.80	B47527	1.50	0.617	14cm wide grey-white qtz+chl vn at 35 deg TCA; <1% diss fg py		
BG10-39	19.40	20.00	B47529	0.60	<.03	as above		
BG10-39	20.00	20.80	B47530	0.80	<.03	weak 1-2mm frac's with 2-5% fg py		
BG10-39	20.80	21.60	B47531	0.80	0.206	as above		
BG10-39	21.60	22.50	B47532	0.90	0.069	FP -Diorite Contact; 1-3% diss py in matrix & in frac's in Diorite + 5% leuc flecs		
BG10-39	22.50	23.40	B47533	0.90	0.343	3-5% fg to mg diss py in frac's and in matrix + 1-3% magnetite in frac's+ 10% leuc flecs		
BG10-39	23.40	24.00	B47535	0.60	<.03	moderate frac'ing; 3-5% fg to mg diss py in frac's and in matrix + 10% leuc flecs		
BG10-39	24.00	25.50	B47536	1.50	<.03	1-2% diss py; less leuc flecs than above		
BG10-39	25.50	26.00	B47537	0.50	0.891	3-5% diss fg py in strong frac's from 25.66 to 25.9m		
BG10-39	26.00	27.50	B47539	1.50	0.069	<1% py; infill sample		
BG10-39	27.50	29.00	B47540	1.50	0.549	1% py in <1mm frac's; infill sample		
BG10-39	29.00	29.60	B47541	0.60	1.783	5-8% diss fg py in 75 to 80 deg TCA frac's + 29.3 to 29.4m 10-12% fg py in sil+ carb vn'ing at 90 deg TCA	1.851	1.714
BG10-39	29.60	30.10	B47542	0.50	0.891	1-2% diss py		
BG10-39	30.10	30.70	B47543	0.60	<.03	<1% diss py		
BG10-39	30.70	31.50	B47544	0.80	<.03	1-3% diss py from 30.8 to 30.9m; outside of this section <1% py		
BG10-39	**31.50**	**32.00**	**B47546**	0.50	**1.611**	**12-15% fg + mg diss euhedral py in 35 to 45 deg TCA shear-slips with two 1.2 cm dk grey qtz vn's at 45 deg TCA**	**1.371**	**1.851**

Hole_ID	From	To	Sample_#	Length	Au ppm	Description	Au ppm_ck	Au ppm-ck2
BG10-39	**32.00**	**32.70**	**B47548**	0.70	<.03	**8-10% fg + mg euhedral py + 15-20% leuc flecs+ perv chl; 32.4 to 32.66m 16 cm wide mauve coloure carb+qtz vn + 5-8% py + mo ay 75 to 80 deg TCA**		
BG10-39	**32.70**	**33.40**	**B47549**	0.70	**1.372**	**5cm wide qtz vn at contact with Diorite+FP with 60% fg py; remainder of sample intense ductile chl shear with 20% leuc flecs at 60 to 75 deg TCA + 5-7% py**	**1.234**	**1.509**
BG10-39	33.40	34.40	B47550	1.00	<.03	intense shearing to 33.5m with 1-2% py; afterwards <1% diss py		
BG10-39	34.40	35.80	B47551	1.40	<.03	<1% py, infill sample		
BG10-39	35.80	36.50	B47552	0.70	0.069	36 to 36.08m 10-12% py in py frac's + vn's at 65 deg TCA		
BG10-39	36.50	38.00	B47553	1.50	<.03	<1% py, infill sample		
BG10-39	38.00	38.60	B47554	0.60	<.03	<1% py, infill sample		
BG10-39	38.60	39.30	B47555	0.70	0.549	39 to 39.05m 1 to 5mm wide py vn's + py frac's with 20% py; overall 1-3% diss py		
BG10-39	39.30	40.80	B47556	1.50	<.03	at 40m a 0.25cm calcite+qtz vn at 45 degbTCA; <1% diss py		
BG10-39	40.80	41.80	B47557	1.00	<.03	41.1 to 41.6m mod frac'ing with bone white qtz+dol+ank+chl		
BG10-39	46.00	46.60	B47558	0.60	0.206	46.3m 2.5 cm wide calcite vn at 30 deg TCA with cpy splash		
BG10-39	47.80	48.60	B47559	0.80	0.480	48.3 to 48.5m with local frac'ing + 5-7% py with qtz+calcite vn'ing; overall 1-2% py		
BG10-39	55.20	55.80	B47560	0.60	<.03	1-2% py overall with 2mm frac at 45 deg TCA with py and 1.2cm wide qtz+chl vn at 55 deg TCA		
BG10-40	4.50	6.30	B47042	1.80	0.549	1% diss py in clots & discontinuous frac's		
BG10-40	6.30	7.00	B47043	0.70	0.549	1-3% diss py in discontinuous vn's + strong hairline grey fracing; 1 cm wide calcite vn at 50 deg TC		
BG10-40	7.00	7.70	B47044	0.70	0.960	3-5% diss py in strong grey frac'ing; at 7m 1 cm wide py vn at 20 deg TCA; 15-20% late qtz+dol network vn'ing		
BG10-40	7.70	9.00	B47046	1.30	<.03	1% diss py in weak frac'ingand in clot		
BG10-40	9.00	9.50	B47048	0.50	0.343	subparallel qtz+calcite+dol in 0.25 to 1cm vn's at 40 deg TCA; 1% fg py in frac		
BG10-40	9.50	10.50	B47049	1.00	0.206	at 10.1m two 1mm wide frac's at 30 deg TCA with p		
BG10-40	10.50	11.00	B47050	0.50	0.891	frac'ing at 30 to 40 deg TCA with py, overall 1-2% p		
BG10-40	11.00	12.50	B47051	1.50	0.343	1% py in frac's and clots		
BG10-40	12.50	13.40	B47052	0.90	0.069	1-2% py in frac's + clots		
BG10-40	13.40	14.10	B47053	0.70	1.509	1-3% diss py in matrix and in infrequent frac's+ vn	1.166	1.851
BG10-40	14.10	15.60	B47054	1.50	<.03	1-3% diss py in matrix		
BG10-40	15.60	16.50	B47055	0.90	0.823	3-5% py in matrix and in 0 deg TCA slip from 15.8 to 16.5r		
BG10-40	16.50	17.50	B47056	1.00	0.343	1-3% py		
BG10-40	17.50	18.00	B47057	0.50	0.891	17.7m 0.5cm wide py vn at 25 deg TCA; 1-2% diss py in matr		
BG10-40	18.00	19.10	B47058	1.10	0.137	slip at 0 deg TCA with qtz+dol+p		
BG10-40	19.10	20.10	B47059	1.00	<.03	1% diss py		
BG10-40	20.10	21.00	B47060	0.90	0.274	3-5% diss py in hairline frac's		
BG10-40	21.00	22.50	B47061	1.50	0.069	1% py in hairline frac's		
BG10-40	22.50	23.00	B47063	0.50	0.206	1-2% py along hairline frac's		
BG10-40	23.00	23.60	B47064	0.60	<.03	1-2% py along hairline frac's		
BG10-40	**23.60**	**24.40**	**B47065**	0.80	**2.777**	**Start of strong ductile shearing 23.7 to 29.7m 3-15% diss fg to mg euhedral to subhedral py in frac's & in vn'ing in Diorite after FP contact, in low angle frac's-shear slips and along margins of 20 to 50% carb+qtz vn'ing at 15 to 45 deg TCA + strong perv chl+ 15 to 25% leuc flecs**	**2.674**	**2.880**
BG10-40	**24.40**	**25.30**	**B47067**	0.90	**0.995**	**as with 23.6 to 24.4m**	**1.029**	**0.960**
BG10-40	**25.30**	**26.00**	**B47068**	0.70	**2.812**	**as with 23.6 to 24.4m**	**2.743**	**2.880**
BG10-40	**26.00**	**27.00**	**B47069**	1.00	**3.566**	**as with 23.6 to 24.4m**	**3.497**	**3.634**
BG10-40	**27.00**	**28.00**	**B47070**	1.00	0.960	**as with 23.6 to 24.4m**		
BG10-40	**28.00**	**29.00**	**B47071**	1.00	0.823	**as with 23.6 to 24.4m**		

Hole_ID	From	To	Sample_#	Length	Au ppm	Description	Au ppm_ck	Au ppm-ck2
BG10-40	**29.00**	**30.00**	**B47072**	1.00	**1.303**	**as with 23.6 to 24.4m; after 29.7m perv chl, leuc flecs diminish after 30.5m**	**1.371**	**1.234**
BG10-40	30.00	30.90	B47073	0.90	0.960	1-5% diss py overall, at 30.3m 1cm py vn at 40 deg TC.		
BG10-40	30.90	32.00	B47074	1.10	0.274	1-3% diss py overal		
BG10-40	32.00	32.50	B47075	0.50	3.086	as above	3.291	2.880
BG10-40	32.50	33.20	B47076	0.70	2.194	32.7 to 32.9m Flt with carb+qtz vn'ing + 5-8% diss py at 45 to 50 deg TCA; at 33.1 Diorite to FP Contact	2.331	2.057
BG10-40	33.20	34.70	B47077	1.50	<.03	<1% fg py		
BG10-40	34.70	36.20	B47078	1.50	<.03	as above		
BG10-40	36.20	38.00	B47079	1.80	<.03	as above		
BG10-40	38.00	39.50	B47080	1.50	<.03	FP infill sampling, <1% py		
BG10-40	39.50	41.00	B47082	1.50	<.03	FP infill sampling , <1%py		
BG10-40	41.00	42.50	B47083	1.50	0.137	FP infill sampling , <1%py		
BG10-40	42.50	44.00	B47084	1.50	0.069	FP + diorite infill sampling; <1% py		
BG10-40	44.00	45.50	B47085	1.50	<.03	Diorite, infill sampling; <1% py		
BG10-40	45.50	47.00	B47086	1.50	<.03	Diorite, infill sampling; <1% py; 10% late opaque white qtz vn'ir		
BG10-40	47.00	48.50	B47088	1.50	<.03	Diorite, infill sampling; <1% py		
BG10-40	48.50	50.00	B47089	1.50	<.03	Diorite, infill sampling; <1% py		
BG10-40	50.00	51.50	B47090	1.50	<.03	Diorite, infill sampling; <1% py		
BG10-40	51.50	53.00	B47091	1.50	<.03	Diorite, infill sampling; <1% py		
BG10-40	53.00	54.50	B47092	1.50	<.03	Diorite, infill sampling; <1% py		
BG10-40	54.50	56.00	B47093	1.50	<.03	Diorite, infill sampling; <1% py; qtz+carb vn from 55.53 to 55.6m at 65 deg TC		
BG10-40	56.00	57.50	B47094	1.50	<.03	Diorite, infill sampling; <1% py		
BG10-40	57.50	59.00	B47095	1.50	<.03	Diorite, infill sampling; <1% py		
BG10-40	59.00	60.50	B47097	1.50	<.03	Diorite, infill sampling; <1% py, Flt + qtz+chl+carb 59.16 to 59.35r		
BG10-40	60.50	62.00	B47098	1.50	<.03	Diorite, infill sampling; <1% py		
BG10-40	62.00	63.50	B47099	1.50	<.03	Diorite, infill sampling; <1% py		
BG10-40	63.50	64.00	B47100	0.50	0.069	Diorite, infill sampling; 1-3% fg py in frac's		
BG10-40	64.00	64.90	B47501	0.90	<.03	1-2% py		
BG10-40	**64.90**	**65.60**	**B47502**	0.70	0.549	**8-12% diss py; Py + Grey Qtz+ Chl + Leuc Flec + Frac'd - Shear Zone from 64.9 to 66.4m, moderate zone, frac's at 20 to 25 deg TCA**		
BG10-40	**65.60**	**66.50**	**B47504**	0.90	<.03	**8-12% diss py; Py + Grey Qtz+ Chl + Leuc Flec + Frac'd - Shear Zone from 64.9 to 66.4m, moderate zone, frac's at 20 to 25 deg TCA**		
BG10-40	66.50	68.00	B47505	1.50	0.823	1-2% diss py in frac's; 10-15% hairline frac's with ep		
BG10-40	68.00	69.50	B47506	1.50	<.03	1-2% fg dis py in rare occasional frac's and on margins of qyz vn's with e		
BG10-40	69.50	70.50	B47507	1.00	<.03	1% diss py, infill sample		
BG10-40	70.50	71.00	B47508	0.50	<.03	1% diss py, infill sample		
BG10-40	71.00	72.50	B47509	1.50	<.03	1% diss py, infill sample		
BG10-40	80.00	81.00	B47510	1.00	<.03	negl py; 4cm wide qtz+carb vn at 55 deg TC/		
BG10-40	84.60	85.50	B47511	0.90	0.069	84.75 to 85m grey carb vn at 0 deg TCA; 1-3% diss py in frac's at 84.75 to 84.9		
BG10-40	90.60	91.60	B47512	1.00	0.274	1-2% diss py in frac's; 5% leuc flecs		
BG10-40	91.60	92.30	B47513	0.70	0.069	adjacent to stope; 5-8% diss py + leuc flecs + sil+carb alt'		
BG10-41	6.65	7.50	B46984	0.85	0.823	6.65 to 17.65 (Diorite- FP contact) Occasional Shear - Frac Sections with leuc flecs + sil+ weak oxy'd hem + c + variable py; this sample 5-8% py from 6.65 to 6.95 and 7.3 to 7.45m		
BG10-41	7.50	9.00	B46985	1.50	0.206	1% diss py; some frac'ing with late carb vn'in		
BG10-41	9.00	9.50	B46986	0.50	0.206	1% py in frac's		

Hole_ID	From	To	Sample_#	Length	Au ppm	Description	Au ppm_ck	Au ppm-ck2
BG10-41	9.50	10.20	B46987	0.70	<.03	2-4% diss py + 5-8% magnetite in qtz+carb vn'in		
BG10-41	10.20	11.00	B46988	0.80	<.03	3-5% fg diss py with 5-10% leuc flecs		
BG10-41	11.00	11.80	B46990	0.80	<.03	weak shear; 1-3% diss py + 5-10% leuc flec		
BG10-41	11.80	12.50	B46991	0.70	2.640	strong localized shear especially between 12 to 12.1m; 5-7% py in chl frac's + 10-15% leuc fle	2.194	3.086
BG10-41	12.50	13.50	B46993	1.00	2.400	5-7% diss py in frac's; 10-15% leuc flecs+ wk oxy'd hem alt'n; weak to mod chl frac's with	2.400	2.400
BG10-41	13.50	14.20	B46994	0.70	2.229	as above	1.989	2.469
BG10-41	14.20	15.00	B46995	0.80	0.686	5-7% diss py in frac's starting at 14.4m		
BG10-41	15.00	15.70	B46996	0.70	0.823	3-5% diss py		
BG10-41	15.70	16.60	B46997	0.90	7.783	5-7% diss py 15.7 to 16.2m, Flt at 16 with chl + p	6.240	9.326
BG10-41	16.60	17.20	B46998	0.60	1.269	3-5% diss py; 10% leuc flecs	1.303	1.234
BG10-41	17.20	17.70	B46999	0.50	1.886	as above; contact diorite to FP at 17.65m	1.920	1.851
BG10-41	17.70	18.50	B47000	0.80	0.617	at 18 to 18.15 two subparallel qtz vnlets at 0.2 to 0.4 cm wide at 30 deg TC		
BG10-41	18.50	20.00	B47001	1.50	0.480	three frac's with chl at 0.2 cm wide		
BG10-41	20.00	21.50	B47002	1.50	2.263	20.2 to 20.8m weak flt slip at 0 deg TCA; some weak frac'ing with qtz+dol+carb+chl; weak oxy'd hem alt'n	2.194	2.331
BG10-41	21.50	23.00	B47003	1.50	0.754	10 to 15 cm wide sections of hairline to 1mm frac'ing with chl+qtz+dol+minor p		
BG10-41	23.00	24.00	B47004	1.00	1.166	<5% dk grey vn'ing+ chl+qtz+carb frac'ing with py; overall 1-3% p	1.303	1.029
BG10-41	24.00	24.50	B47006	0.50	1.029	<1% diss py	1.166	0.891
BG10-41	24.50	25.30	B47008	0.80	10.595	1-3% disspy in 1 to 2mm parallel vn'	11.863	9.326
BG10-41	25.30	26.00	B47009	0.70	1.475	as above but subparallel vn'	1.783	1.166
BG10-41	26.00	26.80	B47011	0.80	0.960	1-2% diss py in hairline frac's		
BG10-41	26.80	27.30	B47012	0.50	0.137	1% py in one 2mm qtz vn		
BG10-41	27.30	28.00	B47013	0.70	2.434	2-5% dk grey qtz vn'ing; 1-3% fg py in frac's + qtz vn'	2.674	2.194
BG10-41	28.00	29.20	B47014	1.20	0.617	1-3% fg diss py		
BG10-41	29.20	29.70	B47015	0.50	0.960	1-3% diss py in chl frac's		
BG10-41	**29.70**	**30.60**	**B47016**	0.90	**3.086**	**5-8% diss py in matrix and in hairline frac's; 10-15% leuc flecs; 4cm qtz+carb vn at 30.2m and 2.5 cm wide qtz+chl vn at 30 deg TCA at 30.6m**	**2.880**	**3.291**
BG10-41	30.60	31.20	B47017	0.60	1.612	5-7% diss py in matrix and in frac's; 10-15% leuc flec	1.577	1.646
BG10-41	31.20	31.90	B47019	0.70	0.754	1-2% diss py; two carb+calcite vn's 2 to 2.5 cm wid		
BG10-41	31.90	32.60	B47020	0.70	2.023	5-7% diss py in matrix and in frac's; 10-15% leuc flec	1.989	2.057
BG10-41	32.60	33.20	B47021	0.60	1.749	3-5% diss py in slips-frac's on vn margins at 32.7m (Flt) and 32.9 r	1.714	1.783
BG10-41	33.20	33.70	B47023	0.50	1.509	1-3% diss py in locally alt'd sections 3-6 cm wid	1.371	1.646
BG10-41	33.70	34.30	B47024	0.60	3.395	5-8% fg diss py in sil+oxy'd hem section with 3 cm carb+calcite vn at 33.85	3.429	3.360
BG10-41	34.30	35.00	B47025	0.70	1.303	1--3% diss py in weak localized frac'in	1.303	1.303
BG10-41	35.00	35.80	B47026	0.80	4.903	3-5% py in perv weak sil alt'd section; some slips with chl + p	4.869	4.937
BG10-41	35.80	36.60	B47027	0.80	5.418	5-7% py mostly in 1 to 2.5 cm wide dk grey qtz + py vn's at 35.95, 36.1 and 36.45	5.006	5.829
BG10-41	36.60	37.10	B47028	0.50	0.549	negl py and negl frac's		
BG10-41	**37.10**	**37.60**	**B47029**	0.50	**4.149**	**MH Zone - strong shearing + sil+ oxy'd hem alt'n + py starting at 37.1m to 38.4m contact with Syn; 1-3% diss py in slips + vn's**	**3.909**	**4.389**
BG10-41	**37.60**	**38.50**	**B47030**	0.90	**7.783**	**as above10-12% diss py in slips + frac's + 38.2 to 38.4m 80% dk - black qtz vn'ing with 1-2% diss py**	**7.611**	**7.954**
BG10-41	**38.50**	**39.50**	**B47031**	1.00	**2.195**	**15-20% py + 50% bone white qtz+ 15% dk grey qtz strong shear; 38.5 to 38.87m sy**	**1.989**	**2.400**
BG10-41	**39.50**	**40.40**	**B47033**	0.90	**3.703**	**5-8% diss py; after 40.2m 1-2% py; bone white qtz+dol hydrothermal bx at 39.7m**	**3.909**	**3.497**
BG10-41	**40.40**	**41.40**	**B47034**	1.00	**4.732**	**3-5% dis py + 10-15% leuc flecs; pyritized zone ends at FP contact; 1.5 cm qtz+dol vn at contac**	**4.183**	**5.280**
BG10-41	41.40	42.90	B47035	1.50	0.069	<1% py; pheno's with strong fol'n fabri		

Hole_ID	From	To	Sample_#	Length	Au ppm	Description	Au ppm_ck	Au ppm-ck2
BG10-41	42.90	44.00	B47037	1.10	<.03	as with 41.4 to 42.9m		
BG10-41	44.00	45.50	B47038	1.50	<.03	as with 41.4 to 42.9m		
BG10-41	45.50	47.00	B47039	1.50	<.03	as with 41.4 to 42.9m		
BG10-41	47.00	48.50	B47040	1.50	<.03	as with 41.4 to 42.9m		
BG10-41	48.50	50.00	B47041	1.50	0.069	broken core at contact FP - Diorite; 20-25% qtz+dol+carb vn'ing; 5% leuc fle		
BG10-42	36.10	37.40	B27208	1.30	<.03			
BG10-42	37.40	37.95	B27209	0.55	1.097	3/4" 70% cse py vn in BC ox'd@43; 2* 1/8" 30% cse py vn's@44; wy bl'd+ser	1.166	1.029
BG10-42	37.95	39.10	B27211	1.15	0.480	ox'd locy; flt; 1/8" 20% cse py vn@62; BC		
BG10-42	39.10	40.05	B27212	0.95	<.03			
BG10-42	40.05	41.30	B27213	1.25	<.03			
BG10-42	41.30	42.30	B27214	1.00	<.03			
BG10-42	42.30	43.60	B27215	1.30	<.03			
BG10-42	43.60	44.90	B27216	1.30	<.03			
BG10-42	44.90	45.80	B27217	0.90	<.03			
BG10-42	45.80	46.40	B27218	0.60	0.206	1/2" 20% cse py in q-ank@55 imm foll by 0.1m sil'd w 5-6% cse d p		
BG10-42	46.40	47.30	B27219	0.90	<.03			
BG10-42	47.30	48.50	B27220	1.20	<.03	1" bl'd w 5% cse d py@62		
BG10-42	48.50	49.20	B27221	0.70	<.03	3/4" q-ank-carb vn w 20% cse d py locy conc@3		
BG10-42	49.20	51.00	B27222	1.80	<.03			
BG10-42	51.00	51.95	B27223	0.95	<.03			
BG10-42	51.95	52.80	B27224	0.85	<.03	15% cse d py in bl'd zone in BC @1		
BG10-42	52.80	54.00	B27225	1.20	<.03			
BG10-42	54.00	55.50	B27226	1.50	<.03			
BG10-42	55.50	57.00	B27227	1.50	<.03			
BG10-42	57.00	58.50	B27228	1.50	<.03			
BG10-42	58.50	60.00	B27229	1.50	<.03	1" bull q-ank-carb vn@47 w 15% ch		
BG10-42	60.00	61.50	B27230	1.50	<.03			
BG10-42	61.50	63.00	B27231	1.50	<.03			
BG10-42	63.00	63.60	B27232	0.60	0.549	0.05m q-ank-chl-sil zone @80 w 10% f+ 5% cse d p		
BG10-42	63.60	64.50	B27233	0.90	<.03			
BG10-42	64.50	66.00	B27234	1.50	<.03			
BG10-42	66.00	67.50	B27235	1.50	<.03			
BG10-42	67.50	68.50	B27237	1.00	<.03			
BG10-42	68.50	69.25	B27238	0.75	<.03	1/8"-1/4" 30% cse py vn@26		
BG10-42	69.25	70.60	B27239	1.35	<.03	BC		
BG10-42	70.60	71.20	B27240	0.60	0.069	BC w 2* 1" 80% cse py vn's@51+28		
BG10-42	71.20	72.40	B27242	1.20	<.03	ox'd fract's-some vuggy		
BG10-42	72.40	73.65	B27243	1.25	<.03	1/2" chl-sil vn w 5% cse d py@48 imm foll by BC		
BG10-42	73.65	74.80	B27244	1.15	<.03			
BG10-42	74.80	76.15	B27245	1.35	<.03			
BG10-42	76.15	76.80	B27246	0.65	<.03	BC; bl'd wy; 1/8" 8% cse py vn@65		
BG10-42	76.80	78.00	B27247	1.20	<.03			
BG10-42	78.00	79.30	B27248	1.30	<.03			
BG10-42	79.30	80.40	B27249	1.10	0.206	bl'd; BC		
BG10-42	80.40	81.00	B27250	0.60	<.03	0.2m bl'd bone wt w 3% cse py clot		

Hole_ID	From	To	Sample_#	Length	Au ppm	Description	Au ppm_ck	Au ppm-ck2
BG10-42	81.00	82.50	B27251	1.50	<.03			
BG10-42	90.10	91.40	B27252	1.30	<.03			
BG10-42	91.40	92.10	B27253	0.70	<.03			
BG10-42	92.10	93.10	B27254	1.00	<.03	3/4" 30% cse py vn in q-ank-carb @72; 2* 1/2" qv+ank w 5% f+cse d py@6		
BG10-42	93.10	94.00	B27255	0.90	<.03			
BG10-42	100.00	100.95	B27256	0.95	<.03	1/8"-1/4" 30% cse py vn@65; 1/2" dk gn sil zone@35 w 2% cse d p		
BG10-42	100.95	101.70	B27257	0.75	0.069			
BG10-42	101.70	102.80	B27258	1.10	0.343	bl'd wy por imm foll by 0.15m qv bullish@64 vuggy w 10% chl clots imm foll by 0.2m mottled, bl'd w 3% cse d imm foll by 0.2m 5% cse d py in chlc zone		
BG10-42	102.80	103.90	B27259	1.10	<.03	0.3m bl'd ank-chl-ser zone @65+22 w 5% cse d p		
BG10-42	103.90	105.20	B27260	1.30	<.03			
BG10-42	105.20	106.20	B27261	1.00	<.03			
BG10-42	106.20	107.00	B27262	0.80	<.03	1/4" 50% cse py vn+ 5% clots to 1/2" 50% cse py @70		
BG10-42	107.00	108.00	B27263	1.00	<.03	0.2m wy bl'd w 3% f d py@72		
BG10-42	108.00	109.05	B27264	1.05	<.03			
BG10-42	109.05	109.95	B27265	0.90	<.03			
BG10-42	109.95	110.55	B27266	0.60	<.03	0.05m chlc dk gy w 20% f d py@67		
BG10-42	110.55	111.50	B27267	0.95	<.03			
BG10-42	111.50	112.40	B27268	0.90	<.03	1/2" med gy sil w 10% f d py@62;		
BG10-42	112.40	114.00	B27269	1.60	<.03			
BG10-42	114.00	115.40	B27270	1.40	<.03	ct; bl'd; 2% cse d py		
BG10-42	115.40	116.10	B27271	0.70	0.480	1" bl'd sil'd @ ct w 50% cse d py@71		
BG10-42	116.10	117.15	B27273	1.05	<.03			
BG10-42	119.50	120.20	B27274	0.70	0.274	0.2m rubble is wy bl'c		
BG10-42	123.00	124.00	B27275	1.00	1.680	BC-rubble w wy bl'd chlc w 2% cse d py	1.714	1.646
BG10-42	124.00	124.80	B27276	0.80	0.343	BC-rubble w wy bl'd chlc w 2% cse d py; 1/8" 30% cse py vn@70 in 1" cl		
BG10-42	124.80	125.60	B27277	0.80	<.03			
BG10-42	137.25	138.00	B27279	0.75	0.069	2* 1/2" dk gy chl-sil vn w 5% cse d py@25		
BG10-42	138.00	139.60	B27280	1.60	<.03	0.1m bl'd-ser'd w 3% f d py		
BG10-42	139.60	141.10	B27281	1.50	<.03			
BG10-42	146.40	147.60	B27282	1.20	<.03			
BG10-42	147.60	148.30	B27283	0.70	<.03	wy shr'd w ser-chl@65 w 8% cse d py; 1/2" 30% cse py vn@6		
BG10-42	148.30	149.00	B27284	0.70	<.03	3%f+cse d py		
BG10-42	149.00	150.50	B27285	1.50	<.03			
BG10-42	150.50	151.20	B27286	0.70	<.03			
BG10-42	151.20	152.45	B27287	1.25	<.03			
BG10-42	152.45	153.10	B27288	0.65	<.03	1/2" 70% cse py vn@66		
BG10-42	153.10	154.80	B27289	1.70	<.03			
BG10-42	154.80	155.70	B27290	0.90	<.03	1/8"-1/4" 70% cse py vn@25 imm foll by 0.3m w 1/8" chl-carb vn w 20% cse d py(		
BG10-42	155.70	156.85	B27292	1.15	<.03			
BG10-42	164.70	166.15	B27293	1.45	<.03			
BG10-42	166.15	166.90	B27294	0.75	<.03	1" flt imm prec by 0.1m chl-carb+ wy sil'd + 1% f d py		
BG10-42	166.90	167.55	B27295	0.65	<.03			
BG10-42	167.55	168.20	B27296	0.65	0.960	bl'd buff-br; 1/8" 8% cse vn @55		
BG10-42	168.20	169.70	B27297	1.50	<.03			

Hole_ID	From	To	Sample_#	Length	Au ppm	Description	Au ppm_ck	Au ppm-ck2
BG10-42	169.70	170.50	B27299	0.80	1.131	0.1m bl'd buff w 1/4"+1/2" 80% cse py vn's@5	1.166	1.097
BG10-42	170.50	171.80	B27300	1.30	0.069	3/4" dk gy chl-sil w 20% cse d py@7		
BG10-42	171.80	173.00	B27301	1.20	<.03	3/4" dolo vn in bl'd zone w 3% f d py@47; 1/4" 30% cse py vn@8		
BG10-42	173.00	173.85	B27302	0.85	<.03	2* 1/8" 30% cse py vn@80+11		
BG10-42	173.85	175.10	B27303	1.25	<.03			
BG10-42	175.10	176.20	B27304	1.10	0.411			
BG10-42	176.20	177.15	B27305	0.95	1.474	bl'd to buff w 3% f+ 5% cse d py@47; 8% cse d p	1.509	1.440
BG10-42	177.15	178.20	B27306	1.05	0.549	3% f d py		
BG10-42	178.20	179.20	B27307	1.00	0.686	0.15m 5%f+8% cse d py@67		
BG10-42	179.20	180.20	B27308	1.00	<.03			
BG10-42	183.00	184.60	B27309	1.60	0.274			
BG10-42	184.60	185.50	B27310	0.90	0.411	0.1m q-dolo vn@55 in 0.2m epi w 3% cse d p		
BG10-42	185.50	186.80	B27312	1.30	<.03			
BG10-42	195.00	196.00	B27313	1.00	<.03			
BG10-42	196.00	196.80	B27314	0.80	0.343	1/8"-1/4" 30% cse py vn @6		
BG10-42	196.80	197.60	B27315	0.80	<.03	1/8"-1/4" 30% cse py vn @6		
BG10-42	197.60	198.60	B27316	1.00	<.03	1/4" q-dolo w 20% cse d py@21		
BG10-42	198.60	199.10	B27317	0.50	1.200	BC w at least 2" 70% cse py vn@7	1.234	1.166
BG10-42	199.10	200.00	B27319	0.90	<.03	BC		
BG10-42	205.30	206.20	B27320	0.90	<.03			
BG10-42	206.20	207.20	B27321	1.00	1.303	bl'd br-buff w 25% qtz-dolo vn's to 0.05m@49 ; 5-8% cse+3% f d py	1.303	1.303
BG10-42	207.20	208.20	B27323	1.00	<.03	BC; 0.05m bu-br w 20% f d +10% cse d py; 0.25m br-bu w 5% cse d py; f		
BG10-42	**208.20**	**208.75**	**B27324**	0.55	**154.013**	**0.1m sil-q-dolo zone@33 w 20% cse+5% f d py+ w multiple V.G. (at least 30 specks/blebs) mostly con on one side**	**133.304**	**174.721**
BG10-42	208.75	209.45	B27326	0.70	<.03	1" q-dolo vn @47 w 5% f d p		
BG10-42	209.45	211.00	B27327	1.55	0.480	1/2" q-dolo-chl-ser-sil vn w 10% f+5% cse d py@2		
BG10-42	211.00	212.30	B27328	1.30	<.03	flt w 3/4" q-dolo vn w 5% chl+ 3% cse d py imm foll by 1.0m bl'd ser-chl-sil shr'd zone w 3% f d py locy conc+ 10% q-dolo-all@37		
BG10-42	212.30	213.50	B27329	1.20	<.03			
BG10-42	213.50	214.50	B27330	1.00	<.03	3/4" wt qv@46 w 5% cse d py; 1/2" dk gy qv w 5%f+10% cse d py@10-15 is folded; 1" q-dolo vn@80 w 3% cs d py		
BG10-42	214.50	215.95	B27331	1.45	<.03	2% f d py; wy sil'd; dk g		
BG10-42	215.95	217.50	B27332	1.55	<.03			
BG10-42	217.50	219.00	B27333	1.50	<.03			
BG10-43	13.40	14.90	B48366	1.50	<.03	20% q-ank contorted w ser'n+3-4% cse d py@25-32		
BG10-43	23.15	24.60	B48367	1.45	<.03	ct; 1/4" sil-chl vn w 30% cse py@30; 3% cse py blebs		
BG10-43	30.50	31.75	B48368	1.25	<.03	20% q-ank contorted w ser'n+5% cse d py@34		
BG10-43			B48369	0.00	1.783	STANDARD		
BG10-43	33.00	33.90	B48370	0.90	<.03	20% q-ank contorted w ser'n+4% cse d py@36; ct		
BG10-43	35.60	36.30	B48371	0.70	<.03	ct; flt imm foll by 1" chl'c		
BG10-43	50.35	51.60	B48372	1.25	<.03	flt in BC imm foll by 1/2" hily sil'd w 2% f d py		
BG10-43	51.60	52.90	B48373	1.30	<.03	shr, mud gouge flt imm foll by 0.2m chlc myl w 1% f d py in BC		
BG10-43	52.90	54.00	B48374	1.10	<.03	buff myl; dry		
BG10-43	57.00	58.30	B48375	1.30	<.03	abun fusch; 30% bx'd por; ser'd; rare cse d py		

Hole_ID	From	To	Sample_#	Length	Au ppm	Description	Au ppm_ck	Au ppm-ck2
BG10-43	70.10	71.60	B48376	1.50	<.03	tuff		
BG10-43	74.60	76.00	B48377	1.40	<.03	1/4" chl-sil vn@32 w 5% cse d py; 0.1m chl-q-ank vn's+ser@25 w 2% f d py		
BG10-43	80.80	81.85	B48378	1.05	<.03	0.2m chty sil brings in shr'g w ank-ser-chl+2% f d py@41		
BG10-43	81.85	82.45	B48379	0.60	<.03	as above but more chl'c		
BG10-43	82.45	83.15	B48380	0.70	<.03	str flt imm prec by 1" ser'd+10% spec		
BG10-43	83.15	84.60	B48381	1.45	<.03	bl'd' 3/4" q-ank vn@40 w 8% cse d py		
BG10-43	84.60	86.00	B48382	1.40	<.03			
BG10-43	86.00	86.80	B48383	0.80	0.617	hily sil'd 0.1m w 30% cse d py+10% spec@47+chl'c		
BG10-43	86.80	87.70	B48385	0.90	<.03			
BG10-43	94.50	95.75	B48386	1.25	<.03			
BG10-43	95.75	96.35	B48387	0.60	<.03	0.1m hily sil'd w 1/2" 70% cse py vn@38		
BG10-43	96.35	97.20	B48388	0.85	<.03			
BG10-43	100.95	102.00	B48389	1.05	0.206	1/2" q-ank@30 w 2% cse d py+2% spec; wy bl'd		
BG10-43	104.45	105.40	B48390	0.95	<.03	hily bl'd/wy hem'd br w 3% spec-posy tuff unit@39		
BG10-43	111.00	112.20	B48391	1.20	<.03	ser'd wy; 5% cse d py; posy leuco		
BG10-43	113.80	114.70	B48392	0.90	<.03	1/4" q-ank gy vn w 10% cse d py@10		
BG10-43	114.70	115.80	B48393	1.10	<.03	3% cse d py; 1/4" q-ank vn w 10% cse py@70		
BG10-43	127.00	127.90	B48394	0.90	0.069	1" med gy sil vn@53 w 15% cse+f d py		
BG10-43	127.90	129.00	B48395	1.10	0.754	3% cse d py locy conc		
BG10-43	129.00	130.00	B48396	1.00	0.069	3% cse d py locy conc+@70		
BG10-43	143.40	144.20	B48397	0.80	0.137	BC; 1/2" wt qv@15-25 w 2% cse d py		
BG10-43	152.40	153.20	B48399	0.80	0.480			
BG10-43	153.20	154.00	B48400	0.80	0.411	1/4"+ 1" 80% cse py vn@32 in wy hem'd		
BG10-43	154.00	154.70	B48402	0.70	0.960			
BG10-43	156.05	157.30	B48403	1.25	0.343	1/8" 40% cse py vn assd w epi @25		
BG10-43	157.30	158.80	B48404	1.50	0.480	1/2" epi vn@25		
BG10-43	162.80	164.10	B48405	1.30	0.206	BC; 0.2m hily bl'd+ sil'd+ 3% cse d py		
BG10-43	164.10	165.10	B48406	1.00	0.994	BC; at least 1/2" 70% cse py vn@35	1.097	0.891
BG10-43	165.10	166.30	B48407	1.20	0.069	BC		
BG10-43	169.80	170.80	B48408	1.00	<.03			
BG10-43	170.80	171.70	B48409	0.90	<.03	BC; at least 0.4m 10-15% cse d py in bl'd, epi'd zone		
BG10-43	171.70	172.50	B48410	0.80	<.03	BC; at least 0.2m bl'd w 5% cse d py posy @61; alt'n53		
BG10-43	172.50	173.00	B48411	0.50	<.03	bl'd locy		
BG10-43	173.00	174.00	B48412	1.00	<.03			
BG10-43	175.60	177.00	B48413	1.40	<.03			
BG10-43	177.00	177.90	B48414	0.90	<.03	5% epi; 3% cse d py		
BG10-43	177.90	178.60	B48415	0.70	1.817	80% cse py vn+ 5% q-cal vn's 1/4"-all@36-45; BC	1.851	1.783
BG10-43	178.60	179.50	B48417	0.90	0.686	BC; 20% leuco; 30% cse d py+vn py		
BG10-43	179.50	180.20	B48418	0.70	1.817	BC; 70% cse py	1.851	1.783
BG10-43	180.20	181.30	B48419	1.10	0.617	BC; 70% cse py		
BG10-43	181.30	182.00	B48420	0.70	0.549	BC; 70% cse py		
BG10-43	182.00	182.50	B48421	0.50	<.03	BC; 70% cse py		
BG10-43	182.50	183.20	B48422	0.70	<.03	BC; 0.2m 70% cse py		
BG10-43	183.20	184.50	B48423	1.30	0.069			
BG10-43	184.50	186.00	B48424	1.50	0.137	0.1m q-ank vn w 2% cp@15		

Hole_ID	From	To	Sample_#	Length	Au ppm	Description	Au ppm_ck	Au ppm-ck2
BG10-43	186.00	187.50	B48425	1.50	0.069			
BG10-43	187.50	189.00	B48426	1.50	<.03			
BG10-43	189.00	190.50	B48427	1.50	<.03			
BG10-43	190.50	191.60	B48428	1.10	0.137	0.2m 20% leuco@60		
BG10-43	191.60	192.50	B48429	0.90	<.03	60% sample w 20% leuco centred on 1/2" 60% cse py vn@35		
BG10-43	192.50	193.80	B48430	1.30	<.03	20% sample w 20% leuco assd w med gy q-ank vn's@45		
BG10-43	193.80	195.00	B48431	1.20	<.03			
BG10-43	195.00	196.50	B48432	1.50	<.03			
BG10-43	196.50	198.00	B48433	1.50	<.03			
BG10-43	198.00	199.50	B48434	1.50	0.137	1" BC hily ox'd lim'd-source of water coming from hole?@75		
BG10-43	199.50	200.55	B48435	1.05	<.03	5% epi; 3% cse py in 1/8" vn's@75		
BG10-43	200.55	201.60	B48436	1.05	5.349	0.2m w 15% cse d py @22	6.309	4.389
BG10-43	201.60	202.60	B48437	1.00	<.03	40% sample w 20% leuco assd w 1/4" pk carb vn@15		
BG10-43	202.60	203.60	B48438	1.00	<.03	90% sample w 20% leuco w q-ank@15 w spec		
BG10-43	203.60	204.90	B48440	1.30	<.03	50% sample w 20% leuco w1/2" q-ank@15 w spec		
BG10-43	204.90	205.60	B48441	0.70	<.03	30% sample w 20% leuco		
BG10-43	205.60	206.70	B48442	1.10	0.069	1% cp assd w q-ank		
BG10-43	212.80	213.90	B48443	1.10	<.03	1.5" med gy qv w 10% spec+5% f d py imm prec by 0.2m 20% leuco w 8% cse d py-all@62		
BG10-43	213.90	214.95	B48444	1.05	<.03	1/8" wt qv assd w epi+8% cse d py@80		
BG10-43	214.95	216.00	B48445	1.05	<.03			
BG10-43	216.00	217.25	B48446	1.25	<.03	5% epi w 5% cse d py-heavy; vuggy; @15		
BG10-43	217.25	218.50	B48447	1.25	<.03	3/4" dk gy qv @36 w 10% cse d py		
BG10-43	218.50	219.70	B48448	1.20	<.03			
BG10-43	226.40	227.30	B48449	0.90	<.03	1/2" wt wv @78 w 5% cse d py		
BG10-43	227.30	229.30	B48450	2.00	<.03	1/4" q-ank vuggy vn w 10% cse d py@26		
BG10-43	230.80	231.95	B48451	1.15	0.343	1/2" pa gy qv@48 w 3% cse d py		
BG10-43	231.95	233.40	B48452	1.45	<.03	1" pa gy q-ank vn@29 w 2% f d py		
BG10-43	233.40	234.80	B48453	1.40	<.03			
BG10-43	234.80	235.50	B48454	0.70	<.03	inc'g bl'd downhole; ser'[d@55; 1/2" 70% spec vn@43		
BG10-43	235.50	236.90	B48455	1.40	<.03	v hily bl'd; posy por alt'd		
BG10-43	236.90	237.85	B48456	0.95	0.137	0.2m hily bl'd @51; slip brings in		
BG10-43	237.85	239.65	B48458	1.80	0.069			
BG10-43	239.65	240.65	B48459	1.00	0.069	0.2m 10% leuco+ pk carb-qtz@27 w 3% cse d py		
BG10-43	240.65	241.60	B48460	0.95	<.03			
BG10-43	247.50	248.55	B48461	1.05	0.069	2" med gy qv@71 w 5% cse d py		
BG10-43	248.55	250.00	B48462	1.45	1.166			
BG10-43	250.00	250.60	B48463	0.60	1.303	20% leuco+ wy sil'd+ w 1" med gy qv@42 w 10% cse+ f d py-4% throughout		
BG10-43	250.60	251.80	B48465	1.20	<.03			
BG10-43	256.50	257.10	B48466	0.60	<.03	BC; 0.1m 2% cse d py in bl'd zone		
BG10-43	259.60	260.70	B48467	1.10	<.03	BC;0.1m 5% cse d py; 3-5% epi		
BG10-43	260.70	261.50	B48468	0.80	0.960	1/4" 70% cse py vn@18 assd w epi		
BG10-43	261.50	262.20	B48469	0.70	<.03	1/4" 70% cse py vn@29 assd w epi		
BG10-43	262.20	263.40	B48470	1.20	<.03			
BG10-43	263.40	264.80	B48471	1.40	<.03	1/8" 40% cse py vn@37 assd w epi; 0.3m 10% cse d py@62		
BG10-43	265.80	266.60	B48472	0.80	<.03	1/2" bull q-ank vn@47 in BC; 1/4" dull wt qv w 5% cse d py@35		

Hole_ID	From	To	Sample_#	Length	Au ppm	Description	Au ppm_ck	Au ppm-ck2
BG10-43	268.80	270.20	B48473	1.40	<.03	1/8" 30% cse py vn assd w epi@18; 0.2m 30% epi w 5% med gy q str's@75 w 3% f d py		
BG10-43	272.70	273.75	B48474	1.05	<.03	0.1m 40% epi w 1/8" dk gy qv+1/8" wt qv@53 w 5% f d py		
BG10-43	273.75	275.00	B48475	1.25	0.069	1/8" wt qv in 3/4" epi w 15% cse d py@23		
BG10-43	276.70	277.50	B48476	0.80	0.069	1/4" 40% cse py vn assd w epi@15		
BG10-43	281.40	282.10	B48477	0.70	0.137			
BG10-43	282.10	283.00	B48478	0.90	0.960	1/2" 70% cse py vn assd w epi+ser+wy sil'd@10-15-at least 2" TW		
BG10-43	283.00	283.80	B48480	0.80	1.920	35% epi'd w 20% cse d py+ wt qv's to 1/4"@56	1.920	1.920
BG10-43	283.80	284.50	B48481	0.70	0.480			
BG10-43	284.50	285.50	B48482	1.00	<.03			
BG10-43	285.50	286.80	B48483	1.30	<.03			
BG10-43	286.80	287.60	B48484	0.80	<.03	1/2" vuggy chl'c w 2% cse d py		
BG10-43	294.00	294.80	B48485	0.80	0.411	1/8" 40% cse d py assd w epi@38		
BG10-43	294.80	295.50	B48487	0.70	<.03			
BG10-43	295.50	296.40	B48488	0.90	<.03			
BG10-43	296.40	297.50	B48489	1.10	<.03			
BG10-43	297.50	298.40	B48490	0.90	0.686	15% leuco; wy sil'd; 10-15% cse+f d py@35		
BG10-43	298.40	299.00	B48491	0.60	0.411			
BG10-43	299.00	299.85	B48492	0.85	<.03			
BG10-43	299.85	301.15	B48493	1.30	<.03			
BG10-43	301.15	302.45	B48494	1.30	0.274	20% leuco		
BG10-43	302.45	303.60	B48495	1.15	0.137			
BG10-43	303.60	304.80	B48496	1.20	0.411			
BG10-43	304.80	305.60	B48497	0.80	3.326	0.4m hily bl'd; peak alt'n; @32; wy sil'd; 2* 1/4" med gy qv's	3.497	3.154
BG10-43	305.60	306.90	B48499	1.30	0.206			
BG10-43	308.50	309.40	B48500	0.90	0.069	ct @68		
BG10-43	309.40	310.30	B52501	0.90	0.069	BC; locy wy hem'd		
BG10-43	318.50	319.10	B52502	0.60	0.137	3/4" wy sil'd+wy hem'd w 5% cse d py@52		
BG10-43	320.30	321.10	**B52508**	0.80	<.03	10% leuco; flt imm prec by bull 0.2m q-carb vn		
BG10-43	326.75	327.75	B52503	1.00	<.03			
BG10-43	327.75	328.55	B52504	0.80	0.480	ct imm foll by 0.5m 20% leuco+ w 3/4" 70% cse py vn+1/4" dk gy sil-chl vn+ 1/2" wt qv-all@34		
BG10-43	328.55	329.55	B52506	1.00	0.274	0.1m 5% leuco		
BG10-43	333.00	334.15	B52507	1.15	<.03	10% carb-q vn's w 2% cp@38		
BG10-43	345.00	346.15	B52510	1.15	<.03	3/4"+1/4" wy sil'd+wy hem'd w 5% cse d py@36		
BG10-43	346.15	347.65	B52511	1.50	<.03	1" 20% leuco; 1/4" 70% cse py vn@37		
BG10-43	349.25	350.35	B52512	1.10	<.03	3/4" q-ank-chl vn w 3% cse d py@64		
BG10-43	350.35	351.90	B52513	1.55	<.03	1"+1/2" 15% leuco@57 w 3% cse d py; 3/4" q-ank vn w 3% cse d py@42		
BG10-43	356.60	357.60	B52514	1.00	<.03	2" q-ank vn w 2% cse d py@72-spec		
BG10-43	362.00	363.00	B52515	1.00	<.03	0.1m+1/2" q-carb vn's @45+70 w 5% cse d py		
BG10-43	363.00	364.00	B52516	1.00	<.03			
BG10-43	364.00	364.90	B52517	0.90	<.03	0.05m mody bl'd w 50% cse py@70 w 20% q-carb vn's		
BG10-43	364.90	366.00	B52518	1.10	<.03			
BG10-43	375.95	377.20	B52519	1.25	0.069	5% cse d py@53; 0.15m cal vn; 0.2m ser-chl		
BG10-43	377.20	378.35	B52520	1.15	<.03	5% leuco; 1/4" q-ank vn w 10% cse d py@69		
BG10-43	378.35	379.30	B52521	0.95	<.03	0.1m 70% cse py vn @75		
BG10-43	379.30	380.60	B52522	1.30	<.03	5% leuco;		

Hole_ID	From	To	Sample_#	Length	Au ppm	Description	Au ppm_ck	Au ppm-ck2
BG10-43	380.60	381.20	B52523	0.60	<.03	5% leuco; 1/4" q-ank vn w 10% cse d py@32 imm foll by 0.1m q-ank-spec		
BG10-43	381.20	382.50	B52524	1.30	<.03	5% leuco; 0.1m mody bl'd w 5% cse d py@34		
BG10-43	382.50	384.00	B52525	1.50	<.03	3/4" q-ank vn w 5% cse d py@55		
BG10-43	384.00	385.50	B52526	1.50	<.03	5% cse d py; 5% leuco; 10% carb-q-ank vn's-all@55		
BG10-43	385.50	387.00	B52527	1.50	<.03	0.2m 5% cse d py; 5% leuco		
BG10-43	387.00	388.40	B52528	1.40	<.03	5% leuco		
BG10-43	388.40	390.00	B52529	1.60	<.03	5% leuco		
BG10-43	390.00	391.40	B52530	1.40	<.03	5% leuco		
BG10-43	391.40	392.10	B52531	0.70	<.03	0.25m chl'c wy shr'd w 8% cse+f d py@48		
BG10-43	392.10	393.00	B52532	0.90	<.03	mod'y sil'd+ bl'd w 20% q-ank+10% cse d py-all@54+82		
BG10-43	393.00	394.30	B52534	1.30	<.03			
BG10-43	394.30	395.35	B52535	1.05	2.195	0.05m q-cal wt+ pa gy vn@32 w 1/4"+1/2" 40% cse py vn's on ct's	1.509	2.880
BG10-43	395.35	396.70	B52537	1.35	<.03			
BG10-43	396.70	397.70	B52538	1.00	<.03			
BG10-43	397.70	399.00	B52539	1.30	<.03			
BG10-43	399.00	400.30	B52540	1.30	7.715	1/4" wt qv imm prec by 1/8" 60% cse py vn@14; 0.05m q-ank vn@34 w 5% cse d py	6.309	9.120
BG10-43	400.30	401.35	B52541	1.05	<.03	1/4" q-ank vn w 10% cse d py@55 truncated by 1/4" q-ank vn@120		
BG10-43	401.35	402.30	B52542	0.95	0.343	15% q-ank vn's w 8% cse py@72 gen		
BG10-43	402.30	403.25	B52543	0.95	0.960	0.2m hily sil'd-peak alt'n w 10-15% cse d py@37; 0.3m 10% cse d py@19 assd w pk q-ank		
BG10-43	403.25	404.40	B52544	1.15	<.03	chl shr w mult gouge tight flt's		
BG10-43	404.40	405.45	B52545	1.05	<.03			
BG10-43	408.25	409.70	B52546	1.45	<.03	1/4" 20% cse py vn@52		
BG10-43	409.70	411.10	B52547	1.40	<.03	shr'd chl-ank		
BG10-43	411.10	411.85	B52548	0.75	<.03	shr'd chl-ank; flt		
BG10-43	411.85	413.00	B52549	1.15	<.03	0.1m+1/2" gouge MAIN BRK w 0.15m pk myl/dyke between-all@35		
BG10-43	413.00	413.85	B52550	0.85	0.343	BC		
BG10-43	413.85	415.30	B52551	1.45	1.269	15% leuco (none around this sample); 0.2m wy sil'd+bl'd w 8% cse d py@35; 1/4" red-pur spec/hem vn@43 w	1.166	1.371
BG10-43	415.30	416.25	B52552	0.95	0.411			
BG10-44	3.60	5.10	B52553	1.50	<.03	ox'd slip imm foll by 1" 20% leuco		
BG10-44	5.10	6.55	B52554	1.45	<.03	5% q-ank		
BG10-44	6.55	7.70	B52555	1.15	<.03	5% q-ank; 0.1m hily sil'd w 20% cse py @45		
BG10-44	7.70	9.00	B52557	1.30	<.03			
BG10-44	9.00	10.50	B52558	1.50	<.03			
BG10-44	10.50	11.40	B52559	0.90	<.03	1" ox'd@85-q-ank vn's; 1" 10% cse d py@42 imm foll by 0.2m 20% q-ank		
BG10-44	11.40	12.70	B52560	1.30	<.03			
BG10-44	12.70	14.00	B52561	1.30	<.03			
BG10-44	14.00	15.70	B52562	1.70	<.03			
BG10-44	15.70	17.50	B52563	1.80	<.03			
BG10-44	17.50	18.20	B52564	0.70	0.137	4* 1" hily bl'd w 15% leuco+chl-ser+5%f+cse d py-all@47		
BG10-44	18.20	19.30	B52565	1.10	<.03			
BG10-44	19.30	20.40	B52566	1.10	<.03			
BG10-44	20.40	21.45	B52567	1.05	0.137	0.4m hily bl'd+wy sil'd w 10-15% cse py vn's 1/8"@43+10% q-ank		
BG10-44	21.45	22.50	B52569	1.05	0.206	0.2m hily bl'd+wy sil'd w 10-15% cse py vn's 1/8"@43+30% q-ank		
BG10-44	22.50	23.65	B52570	1.15	0.343	0.8m hily bl'd+wy sil'd w 10-15% cse py vn's 1/8"@60+10% q-ank vn's+frag's		
BG10-44	23.65	24.80	B52571	1.15	<.03	wy bl'd locy; 5% leuco		

Hole_ID	From	To	Sample_#	Length	Au ppm	Description	Au ppm_ck	Au ppm-ck2
BG10-44	24.80	25.50	B52572	0.70	<.03			
BG10-44	25.50	27.00	B52573	1.50	<.03	wy bl'd locy; 5% leuco		
BG10-44	27.00	28.50	B52574	1.50	<.03			
BG10-44	28.50	29.35	B52576	0.85	<.03	ct imm prec by bull 0.1m q-ank vn, imm foll by 0.05m chlc zone w 10% cse d py		
BG10-44	29.35	30.00	B52577	0.65	<.03			
BG10-44	30.00	31.50	B52578	1.50	<.03			
BG10-44	31.50	33.00	B52579	1.50	<.03			
BG10-44	33.00	34.50	B52580	1.50	<.03			
BG10-44	34.50	36.00	B52581	1.50	0.686			
BG10-44	36.00	37.45	B52582	1.45	<.03			
BG10-44	37.45	38.35	B52583	0.90	0.411	0.25m 35% q-ank+10% vn'd cse py+hily bl'd+sil'd-all@60		
BG10-44	38.35	39.00	B52584	0.65	<.03	0.2m hily alt'd w 5% q-ank+4% cse d py		
BG10-44	39.00	40.50	B52585	1.50	<.03			
BG10-44	40.50	42.00	B52586	1.50	<.03	locy bl'd mody w 5% leuco@40		
BG10-44	42.00	43.50	B52587	1.50	<.03			
BG10-44	43.50	44.65	B52588	1.15	<.03	0.2m w q-ank+chl fract's w 10% cse d py@50+110		
BG10-44	44.65	45.35	B52589	0.70	0.617	0.1m mody sil'd+chl'd w 10% cse d py+5% spec@42		
BG10-44	45.35	46.20	B52590	0.85	<.03			
BG10-44	46.20	47.25	B52591	1.05	0.206	0.2m+0.1m hily bl'd, wy sil'd @63 w 1/2" q-ank vn's w 3% cse d py		
BG10-44	47.25	48.70	B52592	1.45	<.03	locy bl'd @44 w 5% leuco		
BG10-44	48.70	49.65	B52593	0.95	<.03	5% q-ank vn's w 5% cse d py gen@56		
BG10-44	49.65	50.40	B52594	0.75	0.206	0.15 hily sil'd+bl'd w 10% q-ank +5% cse d py imm prec by 3/4" 80% cse py vn@43 w 1/8" chl myl?		
BG10-44	50.40	51.20	B52596	0.80	<.03	1/4" med gy q-ank w 12% cse d py@41		
BG10-44	51.20	52.20	B52597	1.00	0.206			
BG10-44	52.20	53.10	B52599	0.90	<.03	1/2" med gy q-ank w 5% cse d py@62		
BG10-44	53.10	54.50	B52600	1.40	<.03			
BG10-44	54.50	55.25	B52601	0.75	<.03	1/2" q-ank w 3% cse d py @82		
BG10-44	55.25	56.50	B52602	1.25	<.03			
BG10-44	56.50	57.50	B52603	1.00	0.069			
BG10-44	57.50	58.80	B52604	1.30	1.029			
BG10-44	58.80	60.00	B52605	1.20	<.03	hily bl'd, wy sil'd locy, w 10% q-ank+3% spec+8-10% cse d+vn'd py -all@45-65; ser'd locy		
BG10-44	60.00	61.10	B52606	1.10	<.03			
BG10-44	61.10	62.00	B52607	0.90	<.03	por bl'd mody @ start imm foll by 0.2m 10% q-ank		
BG10-44	62.00	63.40	B52608	1.40	<.03			
BG10-44	63.40	64.30	B52609	0.90	<.03	wy shr'd @ct		
BG10-44	64.30	65.60	B52610	1.30	<.03			
BG10-44	65.60	67.10	B52611	1.50	<.03			
BG10-44	67.10	67.90	B52612	0.80	<.03	1/2" 5% f+cse d py @ct		
BG10-44	67.90	69.00	B52613	1.10	<.03			
BG10-44	69.00	70.00	B52614	1.00	0.480	hily bl'd w 10% q-ank+10% cse d py@63 + w 1/4" dk gy qv w 5% cse d py		
BG10-44	70.00	71.20	B52615	1.20	<.03			
BG10-44	71.20	72.15	B52616	0.95	<.03			
BG10-44	72.15	73.10	B52617	0.95	<.03	last 0.3m ser'd+5% q-ank+5%f+cse d py@65		
BG10-44	73.10	74.10	B52618	1.00	0.343	mody bl'd+5% q-ank centred on flt in 1" q-ank in 0.2m w 5% f+cse d py		
BG10-44	74.10	74.85	B52619	0.75	<.03	locy wy bl'd w 3% cse d py		

Hole_ID	From	To	Sample_#	Length	Au ppm	Description	Au ppm_ck	Au ppm-ck2
BG10-44	74.85	75.65	B52620	0.80	0.549	v str 0.1m chl-ser-ank myl w 35% f d py imm foll by 1" vuggy late qtz bx; 3/4" bleb med gy qtz w 5% f d py		
BG10-44	75.65	76.55	B52622	0.90	0.686	freshens quickly, then 0.1m hily sil'd w 10% cse d py@70 w 0.1m pk carb either side w 1/2" bleb cp @42		
BG10-44	76.55	77.45	B52623	0.90	<.03			
BG10-44	81.10	82.25	B52624	1.15	<.03			
BG10-44	82.25	82.90	B52625	0.65	1.029	0.1m epi-ser w 35% cse d py imm foll by 1" q-ank vn w 2% cp imm foll by flt-all@52		
BG10-44	82.90	84.00	B52626	1.10	0.480			
BG10-44	87.00	88.25	B52627	1.25	<.03			
BG10-44	88.25	89.45	B52628	1.20	0.480	30% epi-ser stockwork gen@25+75 w 10% cse d py+q-carb 10%		
BG10-44	89.45	90.60	B52630	1.15	<.03			
BG10-44	90.60	91.60	B52631	1.00	<.03			
BG10-44	91.60	92.90	B52632	1.30	<.03	1/4" epi vn w 1/8"50% cse py vn@36		
BG10-44	92.90	93.70	B52633	0.80	<.03	60% epi-ser w 5% cse d py@53 locy as vn's+3% q-ank		
BG10-44	93.70	94.50	B52634	0.80	<.03	0.05m wt qv w 8% cp is vuggy@18 imm prec by 3/4" epi vn w q-ank+40% cse py vn @35		
BG10-44	94.50	95.10	B52635	0.60	<.03			
BG10-44	95.10	96.45	B52636	1.35	<.03			
BG10-44	105.65	107.00	B52637	1.35	<.03			
BG10-44	107.00	107.80	B52638	0.80	0.343	1" epi-ser-ank vn w 25% cse py@74		
BG10-44	107.80	109.25	B52639	1.45	0.343	last 0.1m bull q-carb-chl vn@60 in 0.2m 20% leuco		
BG10-44	114.60	115.40	B52640	0.80	<.03			
BG10-44	115.40	116.25	B52641	0.85	0.411	0.1m epi-ser-ank vn w 35% cse d py@45		
BG10-44	116.25	117.20	B52642	0.95	0.274	0.1m bull q-ank-epi vn@64 w 1/2" 20% leuco either side		
BG10-44	117.20	118.50	B52643	1.30	<.03			
BG10-44	118.50	119.55	B52644	1.05	<.03			
BG10-44	119.55	120.70	B52645	1.15	<.03			
BG10-44	120.70	121.70	B52646	1.00	0.617	0.2+0.1m epi-ser w 40% cse py@44-56		
BG10-44	121.70	122.90	B52648	1.20	<.03			
BG10-44	122.90	123.95	B52649	1.05	<.03			
BG10-44	123.95	124.70	B52650	0.75	0.069	1/4"+3/4" 80% cse py vn's@70+45		
BG10-44	124.70	126.00	B52652	1.30	0.206			
BG10-44	126.00	127.20	B52653	1.20	<.03	10% epi		
BG10-44	127.20	128.40	B52654	1.20	<.03			
BG10-44	128.40	129.50	B52655	1.10	<.03			
BG10-44	129.50	130.70	B52656	1.20	0.137	0.3m 20% leuco+15% cse+f d py@66		
BG10-44	130.70	131.50	B52657	0.80	<.03	20% leuco for 0.6m w 2% cse d py		
BG10-44	131.50	132.65	B52658	1.15	<.03			
BG10-44	132.65	133.90	B52659	1.25	<.03			
BG10-44	136.80	137.90	B52660	1.10	0.343	0.3m 10% leuco centred on 1/2" med gy qv@75 w 1% f d py		
BG10-44	150.95	152.70	B52661	1.75	<.03	15% leuco; 5% q-ank-carb		
BG10-44	157.00	158.20	B52662	1.20	0.137			
BG10-44	158.20	159.45	B52663	1.25	<.03	0.2m 10% cse d py assd w pagy qtz-15%@55; 0.3m wy shr'd-chl-carb@50 w 10% leuco but no py		
BG10-44	159.45	160.70	B52664	1.25	<.03			
BG10-44	163.90	164.55	B52665	0.65	0.617	0.2m 10% leuco@57 w 4% cse d py		
BG10-44	164.55	166.00	B52666	1.45	<.03			
BG10-44	166.00	166.70	B52667	0.70	<.03	0.2m 15% leuco centred on 1" bull pa gy q-ank vn@64 w 2% cse d py in leuco area		
BG10-44	173.80	174.35	B52668	0.55	<.03	1" bull q-ank vn on ct imm prec by 0.1m 20% leuco@57		

Hole_ID	From	To	Sample_#	Length	Au ppm	Description	Au ppm_ck	Au ppm-ck2
BG10-44	178.50	179.70	B52669	1.20	<.03	2* 0.05m epi vn's w 5-8% cse d py@52		
BG10-44	179.70	180.80	B52670	1.10	<.03	0.7m 15% leuco ends on 1" bull q-ank vn@62; locy wy shr'd chl@71 w 5% cse d py		
BG10-44	185.60	186.65	B52671	1.05	<.03			
BG10-44	186.65	187.75	B52672	1.10	0.823	0.05m epi vn w 10% magn+10% cse d py@1		
BG10-44	187.75	189.20	B52673	1.45	<.03	1/2" epi-ank vn w 1/4" cp bleb@32		
BG10-44	190.85	192.30	B52675	1.45	<.03			
BG10-44	192.30	193.35	B52676	1.05	2.469	0.15m hily bl'd, wy sil'd w 25% cse d py imm prec by 0.4m 15% leuco-all@55; 1/2" 60% cse py vn@57	2.469	2.469
BG10-44	193.35	194.50	B52678	1.15	3.909		3.840	3.977
BG10-44	194.50	195.40	B52679	0.90	0.343	0.15m pa gy q-carb @74 w 8% cse d py		
BG10-44	210.30	211.90	B52680	1.60	0.069	50% of sample w 15% leuco; 2* 0.1m q-ank vn's@32; 0.1m br wy hem'd		
BG10-44	223.20	224.40	B52681	1.20	<.03	50% of sample w 15% leuco; 0.1m q-ank vn@53;		
BG10-44	224.40	225.65	B52682	1.25	0.411	50% of sample w 15% leuco; 0.1m q-ank vn@59; 0.1m br wy hem'd		
BG10-44	225.65	227.20	B52683	1.55	<.03			
BG10-44	231.20	232.30	B52684	1.10	1.749	2* 0.2m bull wt qv's w 5% pur mineral-hem? W 0.5m epi-ser between w 15% cse d py+ imm foll by 1" pa gy q	1.577	1.920
BG10-44	232.30	233.40	B52685	1.10	<.03			
BG10-44	233.40	234.65	B52686	1.25	<.03			
BG10-44	234.65	235.70	B52687	1.05	<.03			
BG10-44	235.70	236.90	B52688	1.20	<.03	3* 1/8"-1/4" q-ank vn's w 5% cse d py@51		
BG10-44	238.65	239.50	B52689	0.85	<.03	3* 1/8"-1/4" q-ank vn's w 5% cse d py@51		
BG10-44	242.60	243.90	B52690	1.30	<.03	2* 1/8" 50% cse py vn's@45		
BG10-44	243.90	245.00	B52691	1.10	0.137	1/2" 70% cse py vn@55; 1/4" milk wt qv w 10% cse d py@55; 0.15m pa gy chl-epi-ank zone w 10% f+10% cse d py-sil'd+ ser'd+ w 2% c		
BG10-44	245.00	246.00	B52692	1.00	<.03			
BG10-44	252.00	253.00	B52693	1.00	0.343	0.2m 10% leuco+3% cse d py@35		
BG10-44	254.70	255.60	B52694	0.90	<.03	0.1m epi-ser vn w 35% cse d py@52		
BG10-44	260.00	261.00	B52695	1.00	<.03	1/2" 40% cse py vn@59		
BG10-44	261.00	262.40	B52696	1.40	<.03	30% sample w 10% leuco; wy bl'd		
BG10-44	262.40	263.05	B52697	0.65	0.891	20% leuco centred on 0.15m 70% cse py vn@53		
BG10-44	263.05	264.30	B52699	1.25	0.411	10% leuco; 10% q-ank-carb; 3% cse d+vn py		
BG10-44	264.30	265.50	B52701	1.20	<.03	20% leuco; 10% whispy q-ank-carb@50 w 2% cse d py		
BG10-44	265.50	266.75	B52702	1.25	0.754	20% leuco; 10% whispy q-ank-carb@50 w 2% cse d py; 0.2m 15% cse py-locy vn'd		
BG10-44	266.75	267.45	B52703	0.70	0.480	5% cse d py locy conc		
BG10-44	267.45	268.50	B52704	1.05	0.343	fresher		
BG10-44	269.60	270.35	B52705	0.75	0.274			
BG10-44	270.35	271.10	B52706	0.75	2.297	20% leuco; 8% cse d py@55; locy wy sil'd+bl'	2.263	2.331
BG10-44	271.10	271.95	B52707	0.85	0.274	1/4" med gy qv w 10%f+10% cse d py@28 imm foll by 0.1m 10% leuco		
BG10-44	271.95	273.00	B52708	1.05	0.069			
BG10-44	282.25	283.20	B52709	0.95	0.069	3-5% cse py assd w epi fract's@60		
BG10-44	283.20	283.90	B52710	0.70	0.206	BC w 3/4"50% cse py vn@70		
BG10-44	283.90	284.80	B52711	0.90	0.069			
BG10-44	284.80	285.80	B52712	1.00	0.069	0.2m 5% leuco		
BG10-44	304.30	305.50	B52713	1.20	0.137	0.1m epi-ser w 15% cse d +bleb py@65		
BG10-44	312.30	313.50	B52714	1.20	<.03	BC; WY BL'D		
BG10-44	313.50	314.20	B52715	0.70	0.549	BC; wy bl'd+wy sil'd w 5% cse d + vn py@71		
BG10-44	314.20	315.80	B52716	1.60	<.03	BC; wy bl'd+wy sil'd w 3-4% cse d + vn py		
BG10-44	315.80	316.90	B52717	1.10	1.714	BC; wy bl'd+wy sil'd w 3-4% cse d + vn py	1.577	1.851

Hole_ID	From	To	Sample_#	Length	Au ppm	Description	Au ppm_ck	Au ppm-ck2
BG10-44	322.60	323.30	B52718	0.70	0.343	5% epi; 0.2m 5% cse d py@35 assd w ser+epi; 2% cse d py		
BG10-44	325.60	326.30	B52719	0.70	<.03			
BG10-44	326.30	328.00	B52720	1.70	<.03	1/4" 70% cse py vn@79 in wy bl'd		
BG10-44	328.00	329.70	B52721	1.70	<.03			
BG10-44	329.70	330.70	B52722	1.00	0.274	0.1m bone wt sil-carb-almost chty@52		
BG10-44	330.70	332.30	B52724	1.60	0.480	30% bone wt sil-carb-almost chty w 2% cse d py in BC; 0.3m 20% epi w 2% cp		
BG10-44	336.10	337.00	B52725	0.90	<.03	br-posy sy-in BC w 2% q-ank		
BG10-44	337.00	338.20	B52726	1.20	0.206	BC centred on chl ann bx+ at least 1/4" gouge posy @15		
BG10-44	338.20	339.00	B52727	0.80	1.200	hem'd wy w 5-8% cse d py assd w epi	1.166	1.234
BG10-44	339.00	340.10	B52729	1.10	<.03			
BG10-44	342.50	343.70	B52730	1.20	0.549	2* 1/8" 30% cse py vn's@59		
BG10-44	343.70	344.85	B52731	1.15	<.03			
BG10-44	344.85	346.00	B52732	1.15	0.206			
BG10-44	346.00	346.70	B52733	0.70	0.069			
BG10-44	346.70	347.50	B52734	0.80	0.686	0.2m 20% leuco w 1" 50% cse py vn in sil@47		
BG10-44	347.50	348.80	B52735	1.30	0.137			
BG10-44	348.80	349.70	B52736	0.90	<.03			
BG10-44	349.70	350.50	B52737	0.80	<.03			
BG10-44	350.50	351.30	B52738	0.80	0.069	0.2m 20% leuco w 0.1m pa gy q-carb vn w 5% cse d py@35; 1/4" 50% cse py vn@65		
BG10-44	351.30	352.30	B52739	1.00	0.206	0.6m 15% leuco w 0.1m late bull q-ank@40 w 2% cp		
BG10-44	352.30	353.20	B52740	0.90	<.03	0.4m BC w 15% leuco @32 w chl		
BG10-44	353.20	353.80	B52741	0.60	0.137	3/4" 70% cse py vn@38		
BG10-44	353.80	354.50	B52742	0.70	0.206			
BG10-44	354.50	355.50	B52743	1.00	1.852	0.6m 15% leuco w 0.1m vn's 70% cse py to 3/4"; 1/4" 70% cse py vn@65@70	2.126	1.577
BG10-44	355.50	356.40	B52745	0.90	0.069			
BG10-44	356.40	357.20	B52747	0.80	0.549	50% w 15% epi+ 30% se py vn's to 1/8" in sil @35+83		
BG10-44	357.20	358.70	B52748	1.50	<.03			
BG10-44	358.70	360.10	B52749	1.40	<.03	1/2" 30% cse py vn@69		
BG10-44	360.10	361.55	B52750	1.45	<.03			
BG10-44	361.55	363.00	B52751	1.45	<.03			
BG10-44	363.00	363.90	B52752	0.90	0.069	3/4" epi vn w 40% cse py @55		
BG10-44	363.90	365.15	B52753	1.25	0.274			
BG10-44	365.15	366.55	B52754	1.40	<.03			
BG10-44	366.55	367.70	B52755	1.15	0.686			
BG10-44	367.70	368.55	B52756	0.85	0.411	3/4" dull wt qv w 2* 1/8" 70% cse py vn's within@65 assd w epi 0.1m		
BG10-44	368.55	369.90	B52757	1.35	0.137			
BG10-44	369.90	371.40	B52758	1.50	0.274			
BG10-44	371.40	372.15	B52759	0.75	0.823	1" hem'd brick red imm foll by 1/4" 30% cse py in sil vn@58; 3/4" med gy qv-sil-chl w 8% f d py@61		
BG10-44	372.15	373.10	B52761	0.95	<.03	ct is BC w 1" bl'd intensely imm foll by flt imm foll by 1/2" cal vn		
BG10-44	373.10	374.05	B52762	0.95	0.206			
BG10-44	375.30	376.60	**B52775**	1.30	0.343	3/4" med gy qv assd w epi+5% cse d py+5% spec@48		
BG10-44	376.60	378.00	B52763	1.40	<.03			
BG10-44	378.00	378.90	B52764	0.90	0.343	0.1m med gy qv w 0.05m 70% cse py vn@44		
BG10-44	378.90	379.80	B52765	0.90	0.274			
BG10-44	381.00	381.80	B52766	0.80	1.029	ct-wy shr'd		

Hole_ID	From	To	Sample_#	Length	Au ppm	Description	Au ppm_ck	Au ppm-ck2
BG10-44	386.15	387.40	B52767	1.25	0.274	1/2" 50% cse py vn in 0.1m wy hem'd@47		
BG10-44	390.50	391.75	B52768	1.25	0.2057	5% epi w 4% cse d py245+78		
BG10-44	391.75	392.75	B52769	1.00	0.4114	2* 1" q-ank vn's w 2% cse d py@30-38; 5% cse d + vn py		
BG10-44	392.75	394.00	B52771	1.25	0.1371			
BG10-44	394.00	395.35	B52772	1.35	0.0686	2* 1/8" 40% cse py vn's@27		
BG10-44	396.45	397.10	B52773	0.65	0.137	2" wt qv w 5% cse d py@22		
BG10-44	399.25	399.90	B52774	0.65	0.274	0.1m wy sil'd w 3% f d py@65 imm prec by 0.05m bull q-ank vn@60		
BG10-44	408.55	409.85	B52776	1.30	0.137	0.5m 20% leuco@52		
BG10-44	409.85	410.75	B52777	0.90	0.137	0.15m wt bull qv assd w epi@45; 1/8" 50% cse py vn@37		
BG10-44	410.75	411.70	B52778	0.95	0.411			
BG10-44	413.60	414.90	B52779	1.30	0.274			
BG10-44	414.90	415.70	B52780	0.80	2.640	10% cse d py assd w 20% epi-ser-carb @35 centred on flt's; 1/8"-1/4" chl-sil vn's w 10% cse d py	2.469	2.811
BG10-44	415.70	416.80	B52781	1.10	2.229	10% cse d py assd w 20% epi-ser-carb @35 centred on flt's; 1/8"-1/4" chl-sil vn's w 10% cse d py; 1/2" 70% c	2.194	2.263
BG10-44	416.80	417.70	B52782	0.90	1.509	20% epi; locy sil'd wy w 5% f d py@50-53 assd w chl;	1.509	1.509
BG10-44	417.70	418.80	B52783	1.10	0.686	5% epi locy conc		
BG10-44	418.80	420.00	B52784	1.20	<.03			
BG10-44	420.00	421.50	B52785	1.50	<.03			
BG10-44	423.70	424.85	B52786	1.15	<.03			
BG10-44	424.85	425.80	B52787	0.95	3.189	hily shr'd chl-ser-carb @42 w 10% f+10% cse d py	3.017	3.360
BG10-44	425.80	426.70	B52789	0.90	<.03	fresher but mody shr'd; 3% cse d py		
BG10-44	426.70	427.80	B52790	1.10	1.783	hily shr'd chl-ser-carb @42+ contorted w 10% f+10% cse d py; locy wy sil'd	1.989	1.577
BG10-44	427.80	428.40	B52791	0.60	0.137	starts w 0.2m BC w all gouge-MAIN BRK imm foll by "dry" wacke w 15% pk carb in contorted ser-chl shr		
BG10-44	428.40	429.60	B52792	1.20	<.03	first 0.2m BC-poss struct?-then as above		
BG10-44	429.60	430.50	B52793	0.90	<.03	as above; considerable GC+BC; ends in LC		
BG10-44	431.55	432.55	**B52801**	1.00	<.03	as above but 25% q-ank bullish@45		
BG10-44	442.20	443.90	B52795	1.70	<.03	0.2m q-ank; hily ser'd; shr'd; no py		
BG10-44	453.90	455.20	B52796	1.30	<.03	last 0.5m w chl fract's@15-18; no py		
BG10-44	455.20	456.40	B52797	1.20	<.03	25% q-ank@10-15 w red min (anhy?); no py		
BG10-44	462.00	463.05	B52798	1.05	<.03	15% med gy col locy-sil/alb'd?		
BG10-44	465.40	466.70	B52799	1.30	<.03	0.6m q-ank; no py; 15% med gy col locy-sil/alb'd?@28		
BG10-44	469.05	470.60	B52800	1.55	<.03	flt imm foll by 0.8m q-ank-no py		
BG10-44	478.40	480.00	B52802	1.60	<.03	20% q-ank@22		
BG10-44	480.00	481.50	B52803	1.50	<.03	ser'd		
BG10-44	481.50	483.00	B52804	1.50	<.03	ser'd		
BG10-44	483.00	483.90	B52805	0.90	<.03	ser'd; contorted bedding		
BG10-44	483.90	484.75	B52806	0.85	<.03	peak ser'n-10%		
BG10-44	484.75	486.00	B52807	1.25	<.03	por inlier		
BG10-44	486.00	486.90	B52808	0.90	0.137	ct		
BG10-44	486.90	487.80	B52809	0.90	<.03	locy wy sil'd@45 w 5% f d py		
BG10-44	487.80	488.65	B52810	0.85	<.03	locy wy sil'd@45 w 5% f d py		
BG10-44	494.55	495.60	B52811	1.05	0.137			
BG10-44	495.60	496.65	B52812	1.05	0.137	1" chl-sil @12 w 10% f d py-well min'd		
BG10-44	496.65	497.50	B52813	0.85	1.337	vuggy; hily sil'd; locy bone wt; 20% cse+ 15% vf d py assd w dk gy sil'n gen@32-46; well min'd; centred on flt	1.234	1.440
BG10-44	497.50	498.80	B52815	1.30	0.617	as above but 10% cse vn'd+d py@26-less		
BG10-44	498.80	499.90	B52816	1.10	0.960			

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BG10-44	499.90	501.00	B52817	1.10	0.754			
BG10-44	501.00	502.40	B52818	1.40	<.03			
BG10-44	502.40	504.00	B52819	1.60	<.03			
BG10-44	504.00	504.95	B52820	0.95	<.03	2% cse d py assd w wk sil		
BG10-44	504.95	505.80	B52821	0.85	<.03			
BG10-44	505.80	506.90	B52822	1.10	<.03	wy sil'd locy; wy hem'd; 1/8" blk vn @62		
BG10-44	506.90	508.00	B52823	1.10	0.343	hem'd mody; BC; ser'd; 1" wt q frag sim to Mud Lake zone; 3% cse d py		
BG10-44	508.00	509.35	B52824	1.35	0.343	3* 1/8" chl-sil vn's w 5% cse d py		
BG10-44	509.35	510.80	B52825	1.45	<.03	2* 1/8"-1/4" chl-sil vn's w 15% cse d py		
BG10-44	510.80	511.50	B52826	0.70	<.03	1/4" dull wt-pa gy qv@60 w 5% f+ cse d py		
BG10-44	511.50	512.70	B52827	1.20	<.03	1" q frag		
BG10-44	512.70	513.15	B52828	0.45	0.069	hily bl'd; ser'd wy; 2* 1" wt q frag's sim to Mud Lake zone		
BG10-44	513.15	514.10	B52829	0.95	<.03	1" q frag		
BG10-44	514.10	515.00	B52830	0.90	<.03	1" q frag		
BG10-45	6.20	7.70	B51634	1.50	<.03	<1% diss py; 5% fg leuc flecs; 0 to 5 deg TCA dol+qtz vnlets at 10-20%		
BG10-45	7.70	9.20	B51635	1.50	<.03	as above		
BG10-45	9.20	10.70	B51636	1.50	<.03	as above		
BG10-45	10.70	11.50	B51637	0.80	<.03	minor slip-shear at 10.8m at 50 deg TCA; 10 deg TCA slip carb+qtz vn with assoc & limited tensional frac' <1% py		
BG10-45	11.50	12.60	B51638	1.10	<.03	12.2m 0.25 wide vn-chl+carb with 1-5% py at 50 deg TCA		
BG10-45	12.60	13.80	B51639	1.20	0.617	13m 1 cm wide vn with py at 55 deg TCA; 13.1 to 13.2 carb+qtz+dol vn at 35 deg TCA		
BG10-45	13.80	14.70	B51640	0.90	<.03	at 14.3m py vn; broken cpore approx 1 cm wide		
BG10-45	14.70	16.00	B51642	1.30	0.137	1-3% diss py mostly in frac's from 15.6 to 16m		
BG10-45	16.00	16.80	B51643	0.80	0.206	3-5% py in flt?, with bone white qtz from 16.08 to 16.2m; other weak frac'ing with 1-2% py		
BG10-45	16.80	17.60	B51645	0.80	0.343	flt's at 16.9 to 17.1 and 17.3 to 17.35m at 20 and 45 deg TCA respectively with qtz+carb+chl+py		
BG10-45	17.60	18.90	B51646	1.30	0.343	slips + weak vn'ing at 18.7m with py		
BG10-45	24.00	25.50	B51647	1.50	0.137	1-3% mg diss euhedral py; many absorbed clasts?, chl alt'n		
BG10-45	26.80	27.70	B51648	0.90	<.03	occasional flt-slips at 45 to 0 deg TCA healed with qtz+dol+chl, negl py;N-S offset to MH Zone?		
BG10-45	27.70	28.70	B51649	1.00	<.03	at 28 to 29.1m 0 to 10 deg TCA flt-slip sinewy with qtz+dol+ank+chl; negl py; N-S offset to MH Zone?		
BG10-45	28.70	29.50	B51650	0.80	<.03	flt-slip at 0 deg TCA ends at 29.1m, unit becomes magnetic; 1-2% fg py in discontinuous weak carb vn's		
BG10-45	29.50	30.50	B51651	1.00	<.03	10-15% late white carb tension frac's; negl py		
BG10-45	35.50	36.60	B51652	1.10	<.03	flt at 35.7 to 35.9m at 0 to 5 deg TCA; weak fol'n fabric afterwards at 50 deg TCA; negl py		
BG10-45	36.60	37.70	B51654	1.10	<.03	36.6m to 36.9m two qtz+dol vn's with fg py at 55 to 60 deg TCA; overall 1% py; mod fol'n fabric		
BG10-45	37.70	38.60	B51655	0.90	0.069	at 37.75m 1.2cm wide vn with weak py at 60 deg TCA		
BG10-45	**38.60**	**39.50**	**B51656**	0.90	**0.411**	**3-7% mg diss py; 20-25% bone white qtz+dol; ser alt'n possible Syenite from 36.8 to 41.8m**		
BG10-45	**39.50**	**40.40**	**B51657**	0.90	**1.955**	**7-10% py in matrix and in multiple vn's 0.5 cm to 1cm wide with py at 55 deg TC**	**1.920**	**1.989**
BG10-45	40.40	41.00	B51659	0.60	0.891	negl py; negl vn'ing		
BG10-45	41.00	42.00	B51660	1.00	0.411	two 0.10cm wide frac's at 45 deg TCA from 41 to 41.2m; 1-3% diss py in matrix		
BG10-45	42.00	42.70	B51661	0.70	<.03	5% qtz+dol vn at 25 deg TCA; negl py		
BG10-45	**42.70**	**43.60**	**B51662**	0.90	**0.343**	**42.8m 2cm bone white vn'ing + 25% py at 55 deg TCA; strong shearing from 43.2 to 44m with 3-8% f diss py in multiple vn's**		

Hole_ID	From	To	Sample_#	Length	Au ppm	Description	Au ppm_ck	Au ppm-ck2
BG10-45	**43.60**	**44.20**	**B51663**	0.60	**1.029**	**5-7% diss py in vn's in strong shear from 43.8m to 44m**		
BG10-45	44.20	45.20	B51664	1.00	<.03	1% diss py in matrix; 5% late qtz+dol vn'ing		
BG10-45	45.20	46.00	B51666	0.80	<.03	as above		
BG10-45	**46.00**	**47.00**	**B51667**	1.00	0.137	**3-7% fg diss euhedral to subhedral py in multiple fracs and network frac's**		
BG10-45	**47.00**	**47.70**	**B51669**	0.70	0.480	**8-10% fg diss py in strong frac's at 60 to 75 deg TCA; strong sil+ ser+chl alt'n**		
BG10-45	**47.70**	**48.50**	**B51670**	0.80	**0.480**	**3-5% diss py in 75% grey-white sil flood alt'n**		
BG10-45	48.50	50.00	B51671	1.50	<.03	1-2% diss py in matrix		
BG10-45	50.00	51.00	B51672	1.00	0.137	as above		
BG10-45	51.00	51.70	B51673	0.70	<.03	contact with Diorite-FP; 1% fg diss py in matrix		
BG10-45	54.00	54.80	B51674	0.80	<.03	contact FP - Diorite with 1-2% dis py in matrix in Diorite Bx		
BG10-45	54.80	56.00	B51675	1.20	<.03	10-20% carb filled frac's at 0 deg TCA with tensional branch offshoots; 1-3% diss py		
BG10-45	56.00	57.00	B51676	1.00	<.03	5-8% qtz+dol tension vnlets; 1.5 cm qtz+dol healed flt at 56.8 at 60 deg TCA		
BG10-45	59.80	60.40	B51677	0.60	0.069	3 cm wide qtz+dol+chl +py healed flt at 45 deg TCA at 60.1m; overall 1% py		
BG10-45	64.60	65.60	B51678	1.00	<.03	1% diss py in weak + occasional carb+chl vn's		
BG10-45	65.60	66.50	B51679	0.90	<.03	at 65.7m 15 deg TCA flt-slip with chl, minor qtz+dol+carb vn'ing		
BG10-45	66.50	67.00	B51680	0.50	<.03	0 deg TCA flt with chl+dol+qtz; negl py		
BG10-45	67.00	68.00	B51681	1.00	0.069	15-20% qtz+dol vn'ing assoc with low angle slips; negl py		
BG10-45	68.00	68.60	B51682	0.60	<.03	0 deg TCA flt-slip; negl py		
BG10-45	70.00	71.00	B51683	1.00	<.03	1-3% py in weak qtz+carb vnlets <4 mm wide near Diroite Bx - Syn contact		
BG10-45	72.70	73.40	B51684	0.70	<.03	multiple frac's sometimes with py+carb+chl at 15 to 25 deg TCA		
BG10-45	77.30	78.50	B51685	1.20	<.03	20-25% qtz+carb+chl vn'ing at 0 to 5 deg TCA, <1% py		
BG10-46	10.50	11.10	B51900	0.60	<.03	2 cm wide qtz+calcite vn at 85 deg TCA with a paralell epi vn at 10.8m		
BG10-46	15.00	16.00	B51901	1.00	<.03	1-2% fg py in one 2mm wide vnlet; carb +qtz vn at 0 deg TCA from 15.5 to 16m		
BG10-46	16.00	16.50	B51902	0.50	<.03	<1% py		
BG10-46	16.50	17.40	B51903	0.90	0.069	16.7m two <1mm frac's with py+sil+carb halo's at 25 deg TCA; 3-5% diss py in matrix		
BG10-46	17.40	18.10	B51904	0.70	<.03	a few solid magnetite vnlets		
BG10-46	18.10	19.50	B51905	1.40	<.03	weak frac'ing with epi+carb+magnetite		
BG10-46	19.50	20.00	B51907	0.50	<.03	1% diss py in matrix		
BG10-46	20.00	21.00	B51908	1.00	0.480	20.1 to 20.4m sil flood with late frac'ing with 3-5% mg py + epi at 75 to 85 deg TCA		
BG10-46	21.00	22.00	B51910	1.00	<.03	1-3% diss mg + fg py		
BG10-46	22.00	22.50	B51911	0.50	<.03	<1% py		
BG10-46	31.80	33.30	B51912	1.50	<.03	Contact between Diorite - FP; 33 to 33.3m 55% qtz+carb+dol+chl vn'ing; <1% py		
BG10-46	49.60	50.40	B51913	0.80	<.03	FP to Diorite Bx contact; 2 cm wide calcite vn at contact at 35 deg TCA; multiple flt slips from 49.95 to 50.15 with 1-3% py in vn at 50.15m		
BG10-46	50.40	51.00	B51914	0.60	<.03	negl py		
BG10-46	51.00	52.50	B51915	1.50	<.03	<1% py in discontinuous vn's with qtz+dol+py; 5% late qtz+dol vn'ing; minor ser alt'n		
BG10-46	52.50	53.50	B51916	1.00	<.03	3-5% diss py in frac's at 30 deg TCA over a 4 cm width with 40% qtz+dol+chl vn'ing		
BG10-46	53.50	54.40	B51917	0.90	<.03	flt-slips between 54 to 54.1m with qtz+dol tension vn's; negl py		
BG10-46	54.40	55.10	B51918	0.70	0.069	flt-contact at 54.6 to 54.75m at 10 deg TCA with ser+chl		
BG10-46	60.30	61.20	B51919	0.90	<.03	<1%py in bimodal FP		

Hole_ID	From	To	Sample_#	Length	Au ppm	Description	Au ppm_ck	Au ppm-ck2
BG10-46	61.20	62.00	B51920	0.80	0.823	contact between Bimodal FP - FP; mostly FP; moderate <1mm frac'ing with chl + qtz+overall 1-2% diss py		
BG10-46	62.00	63.00	B51922	1.00	0.617	moderate to weak network frac'ing with chl+ qtz+dol+ 1-2% diss py; matrix turns mod red coloured at 62.7m w increase in py in frac's + matrix at 3-5% fg py		
BG10-46	63.00	64.00	B51924	1.00	0.480	1-3% fg diss py in matrix + in matrix		
BG10-46	64.00	64.70	B51925	0.70	0.274	1% diss py		
BG10-46	64.70	65.40	B51926	0.70	0.411	moderate frac'ing with chl+qtz+dol + 1-2% diss py		
BG10-46	65.40	66.30	B51927	0.90	<.03	shear flt at 10 deg TCA with ser+carb+qtz+3-5% mg fg py + micro frac'ing with qtz+dol+py		
BG10-46	66.30	67.50	B51928	1.20	1.303	1% diss py	1.371	1.234
BG10-46	67.50	68.80	B51929	1.30	0.823	1% diss py in frac's and in matrix		
BG10-46	68.80	69.50	B51930	0.70	1.303	minor frac'ing with py + qtz; qtz + dol vn at 69.1m and a 0.5cm wide qtz vn with 50% py at 60 deg T(	1.440	1.166
BG10-46	69.50	71.00	B51931	1.50	<.03	<1% py		
BG10-46	71.00	72.50	B54907	1.50	<.03	infill		
BG10-46	72.50	74.00	B54908	1.50	<.03	infill		
BG10-46	74.00	75.50	B54909	1.50	<.03	infill		
BG10-46	75.50	76.80	B51932	1.30	<.03	<1% py in FP; 76.6m contact FP-Diorite; <1% py in Diorite and <5% leuc flecs		
BG10-46	76.80	77.30	B54910	0.50	0.343	infill		
BG10-46	77.30	78.00	B51933	0.70	0.549	negl py		
BG10-46	78.00	78.70	B51934	0.70	<.03	negl py		
BG10-46	78.70	79.30	B51935	0.60	2.675	5-10% leuc flecs+ perv chl+<1% diss p	2.880	2.469
BG10-46	79.30	80.00	B51937	0.70	<.03	weak shear with perv carb + sil + chl alt'n with 3-5% diss py		
BG10-46	80.00	80.60	B51939	0.60	1.920	as with 79.3 to 80m	2.091	1.749
BG10-46	80.60	81.30	B51940	0.70	0.137	flt gouge at 80.9m , <1% py		
BG10-46	81.30	82.10	B51941	0.80	4.835	strong shear + strong carb with purple hue matrix + 3-5% fg p	4.663	5.006
BG10-46	82.10	83.00	B51942	0.90	<.03	<1% py		
BG10-46	83.00	84.00	B51943	1.00	0.549	83.65m py + carb vn at 45 deg TCA with chl; overall <1% py		
BG10-46	84.00	85.20	B51944	1.20	0.274	weak shear with slips+vns,1cm wide with carb + py; overall 1-2% py		
BG10-46	85.20	86.00	B51945	0.80	0.069	negl py		
BG10-46	90.00	91.10	B51946	1.10	0.480	90.44 to 90.5m carb+qtz vn+chl; negl py		
BG10-46	91.10	91.80	B51947	0.70	0.549	5cm wide carb vn at 70 deg TCA with 35% py at 91.28 to 91.33		
BG10-46	91.80	93.00	B51948	1.20	<.03	negl py		
BG10-46	96.00	97.50	B51949	1.50	0.069	negl py; infill sample		
BG10-46	97.50	98.30	B51950	0.80	<.03	98 to 98.1m two py+carb vn's at 55 deg TCA <1cm wide each		
BG10-46	98.30	99.80	B51951	1.50	0.206	98.5 to 98.7m 1cm wide carb+calcite vn at 10-15 deg TCA; negl py		
BG10-46	99.80	100.60	B51952	0.80	0.343	1-3% fg py in weak frac's and in matrix		
BG10-46	100.60	101.50	B51953	0.90	0.343	strong perv silica with 1-2% diss py; light grey qtz vn from 101.3 to 101.5m		
BG10-46	101.50	103.00	B51954	1.50	0.274	1-2% fg py in frac's and within matrix		
BG10-46	103.00	104.50	B51955	1.50	<.03	<1% py		
BG10-46	104.50	106.00	B51956	1.50	<.03	1-3% diss py in weak frac's and in matrix		
BG10-46	106.00	106.50	B51957	0.50	<.03	1% diss py in carb frac's+ vn's		
BG10-46	106.50	107.00	B51958	0.50	0.343	two carb vn's 1 to 1.5cm wide at 106.65 to 106.7m at 60 to 65 deg TCA with 20-35% py		

Hole_ID	From	To	Sample_#	Length	Au ppm	Description	Au ppm_ck	Au ppm-ck2
BG10-46	107.00	108.00	B51959	1.00	0.206	two carb vn's at 107.5m and at 107.9m 1.5 to 2 cm wide with 20-35% py at 60 to 75 deg TCA		
BG10-46	108.00	109.00	B51961	1.00	<.03	1-3% py in weak frac's and 1-3mm wide vn's		
BG10-46	109.00	110.00	B51962	1.00	0.069	as above		
BG10-46	110.00	111.00	B51963	1.00	0.480	110.3 to 110.4m 6cm wide vn with 25% py at 55 deg TCA and other frac's+ vn's with carb + 3-5% py		
BG10-46	**111.00**	**111.50**	**B51964**	**0.50**	0.549	**111 to 113.1m MH Zone strong frac'd zone with strong carb vn'ing at 0.25 cm to 25cm wide vn's with 75% to 90% py especially from 112.1 to 112.35m 90% massive py with most vn'ing at 60 to 75 deg TCA + sil+oxy'd hem+ chl**		
BG10-46	**111.50**	**112.00**	**B51965**	0.50	**1.303**	**as with 111 to 111.5m**	**1.371**	**1.234**
BG10-46	**112.00**	**112.70**	**B51967**	0.70	**2.777**	**as with 111 to 111.5m; 90% py in 25 cm wide vn; 10-15% py in remainder of sample in carb vn'**	**2.880**	**2.674**
BG10-46	**112.70**	**113.20**	**B51968**	0.50	**0.411**	**as with 111 to 111.5m**		
BG10-46	113.20	114.70	B51969	1.50	0.274	1-2% py in dis continuous frac's + 1-3mm wide qtz vn's		
BG10-46	114.70	115.50	B51970	0.80	0.617	as above		
BG10-46	115.50	116.50	B51971	1.00	1.715	5cm wide carb+chl vn at 30 deg TCA with 3-5% py at 115.52m; 115.9 chl+carb frac' 1.5 cm wide with py; over 1-3% py some diss in matrix	1.783	1.646
BG10-46	116.50	117.00	B51972	0.50	0.891	116.55m 1cm wide qtz+chl vn at 45 deg TCA with py		
BG10-46	117.00	117.70	B51973	0.70	0.891	117.36 to 117.7m frac's + qtz vn'ing with 3-5% py at 40 - 45 deg TCA		
BG10-46	117.70	119.00	B51974	1.30	0.480	<1% py		
BG10-46	119.00	120.00	B51975	1.00	0.069	1% py		
BG10-46	120.00	121.50	B51976	1.50	0.891	discontinuous non-penetrative tension frac's with grey-white carb; <1% py		
BG10-46	121.50	123.00	B51977	1.50	0.274	weak frac'ing with chl <1% py in matrix		
BG10-46	125.00	125.60	B51978	0.60	<.03	contact Diorite Bx & FP; 1-2% py at contact		
BG10-46	131.40	132.00	B51979	0.60	<.03	131.8m 1cm wide carb vn with py at 25 deg TCA		
BG10-47	9.40	10.80	B51980	1.40	<.03	5% late qtz+carb vn'ing with mod perv epi alt'n; <1% py		
BG10-47	10.80	12.00	B51981	1.20	<.03	10.8 to 11m 3-5% py in frac's; 5% late qtz+carb vn'ing		
BG10-47	12.00	13.50	B51982	1.50	<.03	negl py		
BG10-47	13.50	14.30	B51983	0.80	<.03	negl py; <5% late grey white vn'ing		
BG10-47	14.30	15.30	B51984	1.00	<.03	14.3 to 14.6 and 14.9 to 15.2m 2cm wide shear slips with leuc flecs halo's + carb vn'ing at 0 to 10 deg TCA		
BG10-47	15.30	16.40	B51985	1.10	<.03	15.8 to 17.8m 5-10% fine leuc flecs with 1-3% diss py in matrix; 15.8 to 16.4 4mm wide qtz+carb+chl vn at 0 5 deg TCA; perv carb alt'n intense from 17.3 to 17.8m with leuc flecs and frac's with py		
BG10-47	16.40	16.90	B51986	0.50	<.03	as with 15.3 to 16.4m		
BG10-47	16.90	18.00	B51988	1.10	0.274	as with 15.3 to 16.4m		
BG10-47	18.00	19.50	B51990	1.50	<.03	weak drusy frac'ing with chl+ carb+1-2% fg py		
BG10-47	19.50	20.30	B51991	0.80	<.03	1% diss py		
BG10-47	20.30	21.20	B51992	0.90	<.03	flt- shear at 20.4 to 21.1m at diorite-FP contact with ser alt'n + carb-dol vn'ing + chl+ <1% py		
BG10-47	21.20	22.40	B51993	1.20	<.03	negl py		
BG10-47	27.10	28.60	B51994	1.50	<.03	FP-Diorite Contact; moderate frac'ing with late grey-white carb vn'ing 20% sometimes with py on margins ove 1-2%		
BG10-47	28.60	29.80	B51995	1.20	<.03	as above		
BG10-47	29.80	30.50	B51996	0.70	0.823	29.92 to 30m 5-7% fg euhedral py in shear+carb+qtz vn at 70 deg TCA; 5% leuc flecs; flt slip at 30.4m at 75 deg TCA	1.029	0.617
BG10-47	30.50	31.50	B51997	1.00	<.03	drusy frac'ing; weak- non penetrative with <1% py		

Hole_ID	From	To	Sample_#	Length	Au ppm	Description	Au ppm_ck	Au ppm-ck2
BG10-47	31.50	32.00	B51998	0.50	<.03	at 31.64m 0.5cm wide py vn at 65 deg TCA		
BG10-47	32.00	33.00	B51999	1.00	<.03	<1% py in frac's and in matrix		
BG10-47	38.90	39.60	B52000	0.70	<.03	1.5 to 3cm wide carb+calcite vn'ing at 45 to 55 deg TCA <1% py		
BG10-47	39.60	40.60	B52001	1.00	2.126	mutliple chl slips 45 to 60 deg TCA; <5% grey to purple carb vn'ing; 40.4 to 40.5m localized shear with carb+py at 70 deg TCA	2.537	1.714
BG10-47	40.60	41.60	B52002	1.00	<.03	negl py		
BG10-47	41.60	43.00	B52003	1.40	0.206	3-5% mg to fg py in matrix and in weak frac's; 20% grey-white carb vnlets		
BG10-47	43.00	44.50	B52004	1.50	0.274	1-3% diss py in matrix and in frac's ; 5-10% carb vn'ing		
BG10-47	44.50	46.00	B52006	1.50	0.411	1% diss py in slips+ftrac's with multiple local shears 2 to 5cm wide with carb+chl+qtz at 20 to 65 deg TCA		
BG10-47	46.00	47.00	B52007	1.00	0.411	1% diss py in carb vn'ing <5%		
BG10-47	47.00	48.50	B52008	1.50	0.069	1-2% diss py in discontinuous frac's		
BG10-47	48.50	49.00	B52009	0.50	3.292	shear with slips + carb + 3-5% diss py from 48.67 to 48.72r	2.674	3.909
BG10-47	49.00	49.60	B52010	0.60	6.446	5-7% fg diss py in carb mostly from 49.4 to 49.6m; 5% qtz+dol+carb; slips at 35 to 45 deg TC	7.954	4.937
BG10-47	49.60	50.80	B52012	1.20	0.411	multiple slips; 1% diss py in discontinuous frac's; <5% qtz+dol vnlets		
BG10-47	50.80	51.80	B52013	1.00	2.400	localized shears 3-7 cm wide with carb+qtz+chl+vfg py; overall 3-5%	2.331	2.469
BG10-47	51.80	52.80	B52014	1.00	0.754	moderate tensional frac's with chl+dol+qtz; <1% py		
BG10-47	52.80	53.50	B52015	0.70	1.234	at 53m 1cm vn py at 55 deg TCA, localized shear 4cm wide at 53.1 at 85 deg TCA with carb+c	1.097	1.371
BG10-47	53.50	55.00	B52016	1.50	0.137	mutliple frac's with qtz+dol at various angles; <1% py		
BG10-47	55.00	56.00	B52017	1.00	0.411	strong local shears with qtz+dol+chl+leuc flecs at 55.2m and 55.6 to 55.8m at 55 and 75 deg TCA respective 1% py		
BG10-47	56.00	57.00	B52018	1.00	1.235	as above, multiple slips + late tension vnlets with dol+qtz at 65 deg TC	1.166	1.303
BG10-47	57.00	58.50	B52020	1.50	2.126	3-5% diss py in vnlets 1 to 3mm wide; 5-10% leuc flecs; shear flt at 90 deg TCA at 57.85	1.989	2.263
BG10-47	58.50	59.30	B52021	0.80	2.194	increase in perv carb alt'n; 1-3% diss mg py in chl+carb frac's; 1-3% diss py in matr	2.194	2.194
BG10-47	**59.30**	**60.10**	**B52022**	**0.80**	**2.023**	**59.4 to 60.1m strong shear + sil+carb+ser alt'n zone with 8-10% diss mg + fg py in vn's + frac's; shear at 55 deg TCA and 20-25 deg TCA**	**1.989**	**2.057**
BG10-47	60.10	61.60	B52024	1.50	0.343	four to five 1-2mm wide frac's at 45 to 65 deg TCA with carb+py + leuc halos; overall weak section 1-3% diss in frac's		
BG10-47	61.60	62.70	B52025	1.10	<.03	as above but 1% py overall		
BG10-47	62.70	63.40	B52026	0.70	0.137	as above but 1% py overall		
BG10-47	63.40	64.30	B52027	0.90	1.886	63.4 to 63.9m 5-7% mg to fg py in and proximal to multiple frac's at 45 to 55 deg TCA with 10-15% leuc flecs	1.714	2.057
BG10-47	64.30	65.00	B52028	0.70	1.509	64.5m 2 cm wide carb+calcite+chl vn healed flt at 50 deg TCA; 3-5% diss fg py in matrix; 10-15% fg leuc flecs	1.440	1.577
BG10-47	65.00	65.50	B52029	0.50	3.223	contact diorite to FP; 3-5% fg diss py in matrix; 3-5% py in fracs from 65.14 to 65.3m in F	3.154	3.291
BG10-47	65.50	66.30	B52030	0.80	0.686	3-5% diss fg py in matrix		
BG10-47	66.30	67.20	B52031	0.90	0.754	as above but some 1mm frac'ing with dk qtz+ qtz+dol		
BG10-47	*67.20*	*67.80*	*B52032*	*0.60*	*1.578*	*67.45 to 67.7m dk grey - blue qtz vn at 30 deg TCA minor fg py; 1-3% py overall in other frac's; 3-5% py diss in matrix*	*1.509*	*1.646*
BG10-47	**67.80**	**68.50**	**B52034**	**0.70**	**2.846**	**67.93 to 68.04m 25% py in dark blue qtz+ bone white qtz vn'ing at 30 and 55 deg TCA, vn's up to 1.5cm wide**	**2.811**	**2.880**
BG10-47	68.50	69.50	B52035	1.00	0.823	3-5% diss py in matrix		
BG10-47	69.50	71.00	B52036	1.50	0.137	<1% fg diss py		

Hole_ID	From	To	Sample_#	Length	Au ppm	Description	Au ppm_ck	Au ppm-ck2
BG10-47	71.00	72.50	B52038	1.50	0.137	<1% diss py		
BG10-47	72.50	73.50	B52039	1.00	<.03	as above		
BG10-47	73.50	74.40	B52040	0.90	0.480	flts at 73.86 and 73.98m, <1% diss py		
BG10-47	74.40	75.00	B52041	0.60	1.234	weak carb+qtz vn'ing with 1-3% fg py; 74.83m 0.5cm wide py vn at contact FP-Dior	1.097	1.371
BG10-47	75.00	76.10	B52042	1.10	0.549	5% leuc flecs adjacent to carb vn'ing at 15 to 20 deg TCA		
BG10-47	76.10	76.80	B52043	0.70	0.549	weak py carb vn'ing; overall 1-2% py		
BG10-47	76.80	78.00	B52044	1.20	2.195	76.8 to 76.95m 3-5% py up to FP contact in carb vn's and frac's ; 15-20% leuc flec	2.263	2.126
BG10-47	78.00	79.10	B52045	1.10	<.03	78.4 to 78.5m 1-2% fg diss py adjacent to carb vn'ing		
BG10-47	79.10	79.60	B52046	0.50	0.206	79.3m ptygmatic folding of 0.25cm wide py vn		
BG10-47	79.60	80.60	B52047	1.00	0.206	negl py		
BG10-47	*80.60*	*81.40*	*B52048*	*0.80*	*5.006*	*80.8m to 81.3m 8-10% fg py in matrix; strong perv carb, pale brown coloured matrix in shear- frac'd section 55 to 65 deg TCA, 10-20% leuc flec halo from 80.6 to 80.8 and 81.3 to 82.3m with 3-5mm occassional carb vn's with py; overall 5-8% py*	*4.800*	*5.211*
BG10-47	*81.40*	*82.30*	*B52050*	*0.90*	*1.783*	*as with 81.4 to 82.3m*	*1.646*	*1.920*
BG10-47	82.30	83.80	B52068	1.50	<.03	82.9 to 83.1m 2-4mm carb vnlets with minor py; overall <1% py		
BG10-47	83.80	84.80	B52051	1.00	0.137	2mm wide carb vn's with mag + py; <1% py		
BG10-47	84.80	85.50	B52053	0.70	0.891	some weak frac'ing with 3-5% diss py in matrix + chl+carb alt'n; 15-20% leuc flecs		
BG10-47	85.50	86.50	B52054	1.00	2.709	Diorite-FP contact strong carb in diorite 3-5% mg fg py; 3-5% diss py + frac'ing in F	1.851	3.566
BG10-47	86.50	87.20	B52055	0.70	4.972	dk grey-blue qtz vn's 0.5cm to 7 cm wide with 1-2% fg py; 5-7% diss py in mat	4.663	5.280
BG10-47	**87.20**	**88.00**	**B52056**	**0.80**	**8.057**	**weak frac'ing with perv carb alt'n with 10-15% leuc flecs; two parallel 1 to 3cm wide dk grey-blue vn's at 50 deg TCA; 5-8% diss py**	**7.474**	**8.640**
BG10-47	**88.00**	**88.90**	**B52057**	**0.90**	**3.635**	**weak to moderate frac'ing 88.3 to 88.8m 10-15% py in frac's + vn's + carb+qtz at 55 deg TC**	**3.429**	**3.840**
BG10-47	88.90	89.50	B52059	0.60	2.811	parallel frac's 2-3mm wide at 55 deg TCA with leuc flec halo	2.811	2.811
BG10-47	89.50	91.00	B52060	1.50	0.206	<1% py		
BG10-47	91.00	91.50	B52061	0.50	0.274	91.3 to 91.35m carb vn at 75 deg TCA with minor py		
BG10-47	91.50	92.00	B52062	0.50	0.480	weak to mod frac'ing with py + epi+ carb; overall 1-3% diss py		
BG10-47	92.00	93.00	B52063	1.00	0.411	<1% py		
BG10-47	93.00	94.00	B52064	1.00	1.714	carb+epi+qtz + py in mod frac'ing at 45 to 55 deg TCA with leuc flecs halos; 3-5%	1.577	1.851
BG10-47	94.00	95.00	B52065	1.00	1.200	as above	1.097	1.303
BG10-47	95.00	96.00	G63997	1.00	0.343		1.097	1.303
BG10-47	96.00	96.60	G63998	0.60	0.137		1.097	1.303
BG10-47	96.60	97.90	B52066	1.30	1.577	as above	1.577	1.577
BG10-47	97.90	99.00	G63999	1.10	0.754		1.097	1.303
BG10-47	99.00	100.30	G64000	1.30	7.269		7.131	7.406
BG10-47	100.30	101.90	B54901	1.60	0.137		1.097	1.303
BG10-47	101.90	103.20	B54902	1.30	<.03		1.097	1.303
BG10-47	103.20	104.00	B52067	0.80	<.03	103.5m 0.25 cm carb vn with py at 50 deg TCA with fg p		
BG10-48	2.70	4.15	B26773	1.45	<.03	1% sil fract's		
BG10-48	4.15	5.50	B26774	1.35	<.03	1/8" disc sil-chl @42 w 3% cse d py		
BG10-48	5.50	6.50	B26775	1.00	<.03	3% chl-sil fract's w 2-4% cse d py		
BG10-48	6.50	7.30	B26776	0.80	0.343	0.2m sil'd w 0.05m dk blue w bx'd chl-sil+10% cse d py imm prec by flt; BC; all@3		
BG10-48	7.30	8.10	B26778	0.80	<.03			
BG10-48	8.10	9.00	B26779	0.90	<.03			

Hole_ID	From	To	Sample_#	Length	Au ppm	Description	Au ppm_ck	Au ppm-ck2
BG10-48	9.00	9.70	B26780	0.70	<.03	0.2m sil'd wy w 10% chlk fract's w 5% cse d py-all@4		
BG10-48	9.70	11.10	B26781	1.40	<.03			
BG10-48	18.75	20.10	B26782	1.35	<.03	1/8"-1/4" sil-chl fract w 50% cse py@11; 1/2" q-ank-chl slip		
BG10-48	27.10	28.65	B26783	1.55	<.03	pk hue; slip; 3% chl-sil fract's		
BG10-48	28.65	30.00	B26784	1.35	<.03	3% chl-sil fract's w 3% cse d py		
BG10-48	36.55	38.00	B26785	1.45	<.03	10% q-ank; vuggy 2% cse d py		
BG10-48	38.00	39.40	B26786	1.40	<.03			
BG10-48	40.90	41.75	B26787	0.85	<.03			
BG10-48	41.75	42.40	B26788	0.65	<.03	1" q-ank vn@13 w 5% cse d py along chl fract's; 5% chl-sil fract's w 3% cse d p		
BG10-48	42.40	43.30	B26789	0.90	<.03			
BG10-48	45.60	46.95	B26790	1.35	<.03			
BG10-48	46.95	47.60	B26791	0.65	0.617	2* 1/8"-1/4" 60% cse py vn's in 1" bone wt vuggy sil'n@49; mody sil'd w 5-6% cse d p		
BG10-48	47.60	49.00	B26792	1.40	<.03			
BG10-48	49.00	50.45	B26794	1.45	<.03			
BG10-48	50.45	51.50	B26795	1.05	<.03	0.2m BC w 10% cse d py+ 1/8" 30% cse py vn's in qtz @4		
BG10-48	51.50	52.95	B26796	1.45	0.137			
BG10-48	52.95	54.50	B26797	1.55	<.03	3/4" 5% cse d py@52 assd w sil-chl fract's		
BG10-48	57.20	58.90	B26798	1.70	0.137	2* 1/2" q-ank-chl vn's w 3-5% cse d py on ct's-@3		
BG10-48	66.70	68.00	B26799	1.30	<.03	3% cse d py locy conc in sil clots		
BG10-48	68.00	68.75	B26800	0.75	<.03	0.05m bl'd hily sil'd bone wt@17 on wk flt w 1-2% cse d p		
BG10-48	68.75	69.90	B26801	1.15	<.03			
BG10-48	71.60	72.75	B26802	1.15	0.137			
BG10-48	72.75	74.05	B26803	1.30	0.686	2*1/2" 20% cse py vn's assd w sil-chl@11+ w slip@1		
BG10-48	74.05	75.00	B26804	0.95	<.03	1/8" 20% cse py vn assd w sil-chl@6		
BG10-48	81.75	83.30	B26805	1.55	0.069	ct;		
BG10-48	83.30	84.40	B26806	1.10	0.343	BC; 25% med-dk gy sil-chl+5% q-ank; 10% cse d+ vn py (60%) to 1/2"@10-3		
BG10-48	**84.40**	**85.50**	**B26807**	1.10	**208.15**	**1" 80% cse py vn@10-37; moly/grph locy; big nest V.G. in q-ank+sil-chl vn's in py**	**268.939**	**147.361**
BG10-48	85.50	86.55	B26808	1.05	0.411	1/2"-1" 30% cse py vn assd w q-ank @1		
BG10-48	86.55	87.95	B26809	1.40	<.03			
BG10-48	87.95	88.80	B26810	0.85	0.960	0.05m of 5-8% cse d py@27		
BG10-48	88.80	90.00	B26811	1.20	<.03	1/8" chl-sil w 3% cse d py imm prec by fl		
BG10-48	90.00	91.40	B26812	1.40	<.03	changes to more prominent pheno		
BG10-48	91.40	93.00	B26813	1.60	0.137	4% cse d py		
BG10-48	93.00	94.20	B26814	1.20	0.069	1/8"-1/2" 80% cse py vn@35		
BG10-48	94.20	95.35	B26815	1.15	0.411			
BG10-48	97.90	98.85	B26816	0.95	0.206	1/4" 30% cse py vn@36; chl slip		
BG10-48	98.85	99.70	B26817	0.85	0.137	ct		
BG10-48	105.30	106.80	B26818	1.50	0.069			
BG10-48	106.80	108.20	B26819	1.40	0.069	15% blue-gy chl-sil @20+56 w 5% cse d py+ ser'n loc		
BG10-48	108.20	109.60	B26821	1.40	<.03			
BG10-48	123.00	124.30	B26822	1.30	0.137	sil		
BG10-48	124.30	125.55	B26823	1.25	0.069	20% f+ 10% cse d py in 2* 1/4" chl-sil blue vn's@1		
BG10-48	125.55	127.20	B26824	1.65	<.03	sil		
BG10-48	127.20	128.20	B26825	1.00	<.03			

Hole_ID	From	To	Sample_#	Length	Au ppm	Description	Au ppm_ck	Au ppm-ck2
BG10-48	128.20	129.60	B26827	1.40	<.03			
BG10-48	129.60	130.80	B26828	1.20	<.03	2* 1" q-ank-chl vn on fract @25+10 are vuggy in BC; 3% chl-sil fract's w 1% cse d p		
BG10-48	130.80	132.00	B26829	1.20	<.03			
BG10-48	134.60	135.50	B26830	0.90	<.03	5% chl fract's w 3% cse d py		
BG10-48	146.75	148.20	B26831	1.45	<.03	flt in BC-gouge		
BG10-48	148.20	150.00	B26832	1.80	<.03			
BG10-48	150.00	151.45	B26833	1.45	<.03	1/2" vuggy bone wt sil'd@47 w rare py		
BG10-48	151.45	152.40	B26834	0.95	<.03	2* tight chl fract's w 3% cse d py@66+12; 0.05m q-ank vn w 2% cse d py imm prec by 0.2m ser-chl shr-wk		
BG10-48	152.40	153.40	B26835	1.00	0.137			
BG10-48	153.40	154.80	B26836	1.40	0.137	0.05m w 5-8% cse d py assd w sil-chl@5		
BG10-48	158.00	159.00	B26837	1.00	0.069	5% chl-sil fract's w 3% cse d py@32		
BG10-48	164.50	165.20	B26838	0.70	<.03	5% chl-sil fract's w 3% cse d py@32		
BG10-48	168.35	169.10	B26839	0.75	<.03	3/4" q-ank vn imm prec by flt imm foll by 1/4" chl-sil str's w 2-3% cse d p		
BG10-48	178.50	180.00	B26840	1.50	0.069			
BG10-48	180.00	180.95	B26841	0.95	<.03	wy sil		
BG10-48	180.95	181.95	B26842	1.00	0.206	hily sil'd; 10% cse d py+ in 50% py vn's to 1/2" @27+33		
BG10-48	181.95	182.75	B26844	0.80	0.069	1/2"+1/4" 30% cse py vn assd w sil-chl@5		
BG10-48	182.75	183.55	B26845	0.80	0.069	1" 30% cse py vn assd w sil-chl@5		
BG10-48	183.55	184.65	B26846	1.10	0.069			
BG10-48	190.80	191.90	B26847	1.10	0.480	wy sil'd; 1/4"-1/2" gy-blue qv@10 does not cross core w 2% f d p		
BG10-48	191.90	193.10	B26848	1.20	<.03	fresher		
BG10-48	193.10	194.10	B26849	1.00	0.549	15% gy-blue sil'n w 3% f d py+ 0.05m q-ank vn w no py+1% spec(?)@47; flt brings in al		
BG10-48	194.10	195.40	B26850	1.30	<.03	3% chl-sil fract's w 5% f d py@75+3		
BG10-48	195.40	196.90	B26851	1.50	<.03	30% sil'd w 3% cse d py in bl'd; @3		
BG10-48	196.90	198.50	B26853	1.60	<.03	bl'd		
BG10-48	198.50	199.00	B26854	0.50	0.069	BC, wy hem'c		
BG10-48	**199.00**	**200.05**	**B26855**	1.05	**7.58**	**0.1m 70% cse py vn w 15% chl-sil@40; v heavy; imm prec by 0.2m wy sil'd w 3-5% cse d py; imm foll b 5% cse d py +5% chl-sil**	**8.091**	**7.063**
BG10-48	200.05	201.40	B26857	1.35	0.069	bl'd		
BG10-48	201.40	202.60	B26858	1.20	<.03	bl'd		
BG10-48	202.60	203.80	B26859	1.20	<.03	slip imm prec by 0.15m w 10% bull med gy q str's@4		
BG10-48	203.80	205.10	B26860	1.30	<.03			
BG10-48	207.20	208.50	B26861	1.30	<.03	BC		
BG10-48	208.50	209.20	B26862	0.70	<.03	1/2" med-dk gy vn @58 w 2% cse d p		
BG10-48	209.20	210.15	B26863	0.95	<.03	BC		
BG10-48	210.15	211.20	B26864	1.05	0.206	2% cse-f d py		
BG10-48	211.20	212.20	B26865	1.00	0.206	bl'd; 3% cse+2% f d py assd w 10% 1/8" med-dk gy qv's@4		
BG10-48	212.20	212.80	B26866	0.60	<.03	wy bl'd		
BG10-48	212.80	213.70	B26867	0.90	<.03			
BG10-48	213.70	214.95	B26868	1.25	<.03			
BG10-48	214.95	216.00	B26869	1.05	<.03	wy bl'd; 2% chl-sil fract's@7		
BG10-48	216.00	217.50	B26870	1.50	<.03	hily bl'd; ser'd; 5% 1/8"-1/4" dk gy q-ank vn's@3		
BG10-48	217.50	218.80	B26871	1.30	<.03			
BG10-48	223.45	224.50	B26872	1.05	<.03			

Hole_ID	From	To	Sample_#	Length	Au ppm	Description	Au ppm_ck	Au ppm-ck2
BG10-48	224.50	225.45	B26873	0.95	0.069			
BG10-48	225.45	226.65	B26874	1.20	<.03	hily bl'd; 5% q-ank@43; 2% cse d py; locy ser'd; 3/4" ser-chl w 5% f d py@5		
BG10-48	226.65	227.30	B26876	0.65	2.13	5-8% cse d py assd w chl-sil fract's @44+10; mody sil'd+hem'd	1.714	2.537
BG10-48	227.30	228.15	B26877	0.85	2.71	flt brings in qtz imm prec by 5-8% cse+f d py; imm foll by 10% wt q str's to 1/2"+5% f d py+ 1/2" 50% cse p vn+flt-all@32	2.331	3.086
BG10-48	228.15	229.45	B26879	1.30	<.03	70% wt-pa gy-med gy qtz frags w 3% cse d py in sil'd+hem'd por@3		
BG10-48	229.45	230.15	B26880	0.70	<.03	wy hem'd por w 2% f d py+ rare cp assd w chl-sil fract's@48+15		
BG10-48	230.15	230.95	B26881	0.80	0.274	flt w 1/8" chl w 15% f d py; 5% f d py assd w chl fract's; mody hem'		
BG10-48	230.95	231.75	B26882	0.80	<.03	last 0.1m w qtz frags @62		
BG10-48	231.75	232.75	B26883	1.00	0.069	90% med gy qtz frags+ sil flooding w 3% cse d py in sil'd+hem'd por; 10% q-ank@7		
BG10-48	232.75	233.70	B26884	0.95	<.03	90% med gy qtz frags+ sil flooding w 3% cse d py in sil'd+hem'd por; 10% q-ank@7		
BG10-48	233.70	234.70	B26885	1.00	0.069	80% wt-pa gy-med gy qtz frags w 3% cse d py in sil'd+hem'd por@4		
BG10-48	234.70	236.10	B26886	1.40	0.137	bl'd por		
BG10-48	236.10	237.45	B26887	1.35	0.137	bl'd por		
BG10-48	237.45	238.30	B26888	0.85	0.411	1/2" chl-sil vn w 30% cse d py; 40% med gy qtz frags w 3% f d py in sil'd+hily hem		
BG10-48	238.30	239.20	B26889	0.90	0.069	50% med gy qtz frags w 3% cse d py in sil'd+hily hem'd; 1/8" 30% cse py vn@4		
BG10-48	239.20	239.90	B26890	0.70	0.754	70% med gy qtz frags w 3% f d py in sil'd+hily hem'd; 1/4" 60% cse py vn@52 in B		
BG10-48	239.90	241.15	B26891	1.25	0.206	50% med gy qtz frags w 3% f d py in sil'd+hily hem'd; 15% q-an		
BG10-48	241.15	242.15	B26892	1.00	0.069	50% med gy qtz frags w 3% f d py in sil'd+hily hem'd		
BG10-48	242.15	242.95	B26893	0.80	0.686	50% med gy qtz frags w 5% f d py in sil'd+hily hem'd; 3* 1/8"-3/4" 70% cse py vn's@5		
BG10-48	242.95	243.50	B26894	0.55	0.274	50% med gy qtz frags w 5% f d py in sil'd+hily hem'd @26		
BG10-48	243.50	244.50	B26895	1.00	0.411	hem'd+ bl'd por		
BG10-48	244.50	245.50	B26896	1.00	1.20	3* 1/2" chl-sil-ser vn's w 10% f d py@39 in hily hem'd por;	1.234	1.166
BG10-48	245.50	246.45	B26897	0.95	0.206	slip imm prec by q-ank-ser-chl 0.05m@46; 60% med gy q frag's/flooding w 3% f d py@62; 10% q-a		
BG10-48	246.45	247.50	B26898	1.05	0.549	mody sil'd; 5% q-anl		
BG10-48	247.50	249.00	B26899	1.50	1.13	wy sil'd	1.371	0.891
BG10-48	249.00	250.30	B26900	1.30	1.30	bl'd por; BC	1.097	1.509
BG10-48	250.30	252.00	B26901	1.70	1.06	bl'd por; 3-5% chl-sil fract's w 2% cse d p	1.303	0.823
BG10-48	252.00	253.30	B26902	1.30	2.23	bl'd por; 2% chl-sil fract's w 2% cse d p	2.469	1.989
BG10-48	253.30	254.70	B26903	1.40	0.99	bl'g ending; fresher	1.234	0.754
BG10-48	260.45	261.80	B26904	1.35	<.03	bl'd; ser'n assd w chl+q-ank-all 10% but no py-all@7		
BG10-48	261.80	263.00	B26905	1.20	0.274			
BG10-48	263.00	264.10	B26906	1.10	<.03			
BG10-48	264.10	265.40	B26907	1.30	0.069	bl'd; ct imm prec by 1-2% f d py assd w chl-sil fract's@62 imm foll by 3-5% cse d py assd w chl-sil fract's@52		
BG10-48	265.40	266.20	B26908	0.80	<.03	mody sil'd; 3-5% f d py; 5% q-anl		
BG10-48	266.20	267.35	B26909	1.15	0.343	30% med gy sil'n/ qtz frag's w 15% q-ank hairline vn's+4-5% cse d py; @4		
BG10-48	267.35	268.50	B26910	1.15	0.137	BC; wy sil'd; fresher		
BG10-49	3.75	4.95	B27458	1.20	<.03			
BG10-49	4.95	5.70	B27459	0.75	<.03	3* 1/4" 60% cse py vn's@40 in hily sil'		
BG10-49	5.70	7.20	B27460	1.50	<.03	1/4" 50% cse py vn@45		
BG10-49	7.20	8.75	B27461	1.55	<.03	5% cse d py		
BG10-49	8.75	9.55	B27462	0.80	<.03	1" chl-sil @25 w 20% f d py assd w q-ank; slip w 1/8" 10% f d py; BC; 1" 70% cse py vn@3		

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BG10-49	9.55	10.45	B27463	0.90	<.03			
BG10-49	10.45	12.00	B27464	1.55	<.03			
BG10-49	12.00	13.50	B27465	1.50	<.03	slip imm foll by pkish sil'd zone w 3% f d p		
BG10-49	13.50	15.00	B27466	1.50	<.03			
BG10-49	15.00	16.50	B27467	1.50	<.03			
BG10-49	16.50	18.00	B27468	1.50	<.03			
BG10-49	18.00	19.50	B27469	1.50	<.03			
BG10-49	19.50	20.40	B27470	0.90	<.03			
BG10-49	20.40	21.00	B27471	0.60	<.03	5% chl-sil fract's w 3-5% cse d py@20-55; 1" q-ank-chl vn@27 is flt w 3% cse d p		
BG10-49	21.00	22.50	B27472	1.50	<.03			
BG10-49	22.50	24.00	B27473	1.50	<.03			
BG10-49	24.00	25.50	B27474	1.50	<.03			
BG10-49	25.50	27.00	B27475	1.50	<.03	5% chl fract's w 3% cse py		
BG10-49	27.00	28.50	B27476	1.50	<.03			
BG10-49	28.50	29.00	B27477	0.50	<.03			
BG10-49	29.00	30.00	B27478	1.00	0.274	hily sil'd w 10% 1/8"-1/2" 70% cse py vn's@5		
BG10-49	30.00	30.90	B27479	0.90	0.823	hily sil'd w 5% 1/8"-1/4" 70% cse py vn's@53; 10% f d py in hily sil'd assd w qtz vn		
BG10-49	30.90	31.85	B27481	0.95	<.03			
BG10-49	31.85	33.00	B27482	1.15	<.03			
BG10-49	33.00	34.50	B27483	1.50	<.03			
BG10-49	34.50	36.00	B27484	1.50	0.069			
BG10-49	36.00	37.20	B27485	1.20	<.03			
BG10-49	44.80	45.75	B27487	0.95	<.03	slip; bl'd; 1/2" vuggy q-ank vn on sli		
BG10-49	52.05	53.35	B27488	1.30	0.206	5% chl-sil fract's w 5% cse d py@35		
BG10-49	53.35	54.35	B27489	1.00	<.03	5% chl-sil fract's w 5% cse d py@43		
BG10-49	54.35	55.55	B27490	1.20	0.069	hily sil'd; vuggy; 8% cse d py assd w sil-chl@7(		
BG10-49	55.55	57.00	B27491	1.45	<.03			
BG10-49	66.00	66.90	B27492	0.90	<.03			
BG10-49	66.90	67.70	B27493	0.80	<.03	flt in BC; at least 1/4" gouge; imm foll by 1" q-ank vn vugg		
BG10-49	67.70	69.00	B27494	1.30	<.03			
BG10-49	75.40	76.70	B27495	1.30	<.03			
BG10-49	76.70	77.50	B27496	0.80	<.03	extremely bl'd to bone wt; hily sil'd@42 w 10% chl-sil fract's w 15-20% cse d p		
BG10-49	77.50	78.45	B27498	0.95	<.03			
BG10-49	81.75	82.80	B27499	1.05	0.206	3% 1/8" chl-sil fract's w 30% cse py vn's@45+66; hily sil'(		
BG10-49	82.80	84.00	B27500	1.20	<.03	1/4" 20% cse py vn@52		
BG10-49	84.00	85.10	B27501	1.10	<.03	3% py vn's @44		
BG10-49	85.10	86.60	B27502	1.50	<.03	chl-sil-moly fract@45		
BG10-49	86.60	87.40	B27503	0.80	<.03	BC; flt assd w 15% cse d py +20% q-anl		
BG10-49	87.40	88.85	B27504	1.45	<.03			
BG10-49	91.35	92.20	B27505	0.85	<.03			
BG10-49	92.20	92.70	B27506	0.50	0.411	5% chl-sil vn's w 10% f d py+ 5% cse d py@45		
BG10-49	92.70	93.20	B27507	0.50	<.03	chl-sil fract's @10 w 10% cse d py in BC		
BG10-49	113.20	113.95	B27508	0.75	<.03	BC; 1/4" chl-q-ank vn w 1-2% f d py@35		
BG10-49	120.00	121.50	B27509	1.50	0.069	sil'd mody; bl'd; 5% chl-sil fract's@22-45 w 5-10% cse p		
BG10-49	121.50	123.00	B27510	1.50	<.03	sil'd mody; bl'd; 5% chl-sil fract's@22-45 w 5-10% cse py; 10% q-an		

Hole_ID	From	To	Sample_#	Length	Au ppm	Description	Au ppm_ck	Au ppm-ck2
BG10-49	123.00	124.50	B27511	1.50	<.03	sil'd mody; bl'd; 5% chl-sil fract's@22-45 w 5-10% cse p		
BG10-49	124.50	126.00	B27513	1.50	<.03	sil'd mody; bl'd; 5% chl-sil fract's@22-45 w 5-10% cse py; flt imm foll by 1" q-ank vn w 1-2% f d		
BG10-49	126.00	127.50	B27514	1.50	<.03	sil'd mody; bl'd; 5% chl-sil fract's@22-45 w 5-10% cse p		
BG10-49	127.50	129.00	B27515	1.50	<.03	sil'd mody; bl'd; 5% chl-sil fract's@22-45 w 5-10% cse py; 5% q-ank		
BG10-49	129.00	130.50	B27516	1.50	<.03			
BG10-49	130.50	132.00	B27517	1.50	<.03			
BG10-49	132.00	133.20	B27518	1.20	<.03			
BG10-49	135.35	136.40	B27519	1.05	<.03	wy shr'd locy w ser-chl; locy wy sil'd; 2% cse d p		
BG10-49	142.40	143.40	B27520	1.00	<.03			
BG10-49	143.40	144.00	B27521	0.60	0.069	0.2m sil'd mody to med gy; 4-5% cse+ f d py; all@5		
BG10-49	144.00	145.20	B27522	1.20	0.069			
BG10-49	154.50	156.00	B27523	1.50	<.03	locy wy sil'c		
BG10-49	156.00	156.80	B27524	0.80	0.274	locy wy sil'd; 1/4" 70% cse py vn@5		
BG10-49	156.80	157.80	B27525	1.00	<.03	fresher		
BG10-49	157.80	158.40	B27526	0.60	0.549	med gy v hily sil'd brought in by 3/4" chl-sil vn w 20% f d py; 1/2" 30% cse py vn@		
BG10-49	158.40	159.40	B27528	1.00	0.891	v hily sil'd; 2% f d py; 1/4" 20% cse py vn assd w chl@2		
BG10-49	159.40	160.55	B27529	1.15	<.03	v hily sil'd; 2% f d py; 1/4"70% cse py vn @3		
BG10-49	160.55	161.50	B27530	0.95	<.03	v hily sil'd; 2% f d p		
BG10-49	161.50	163.00	B27531	1.50	1.749	v hily sil'd; 2% f d p	1.166	2.331
BG10-49	163.00	164.00	B27532	1.00	<.03	5% dk gy sil vn's@35 w 1% f d p		
BG10-49	164.00	165.20	B27533	1.20	<.03	5% dk gy sil vn's@35 w 1% f d py; 1/4" sil-chl vn w 5% cse d py@4		
BG10-49	165.20	165.95	B27534	0.75	0.549	1/2" 50% cse py vn in 0.1m hily sil'd @42; ser'd vn's w 5% cse py @4		
BG10-49	165.95	166.95	B27536	1.00	4.663	5% dk gy sil vn's@35 w 1% f d py; 1/4" 50% cse py vn@23 in chl-sil-ser0.05m sil'd w 5-10% f d py@110	4.663	4.663
BG10-49	166.95	168.20	B27537	1.25	<.03	0.15m hily sil'd w 8% f d py@66; 5% dk gy sil vn's@35 w 1% f d p		
BG10-49	168.20	169.40	B27538	1.20	<.03	20% med gy sil vn's @46 w 3% f d py; 0.05m 70% cse py vn@45 assd w sil'n+chl-		
BG10-49	169.40	170.25	B27539	0.85	<.03	5% dk gy sil vn's@35 w 1% f d p		
BG10-49	170.25	171.40	B27540	1.15	<.03	5% dk gy sil vn's@35 w 1% f d p		
BG10-49	171.40	172.75	B27541	1.35	<.03	80% med gy bx frag's qtz-similar to sheeted veining@Mud Lake w 3% f d py@		
BG10-49	172.75	174.00	B27542	1.25	0.549	2* 1/4" 30% cse py vn's@53; 5% dk gy sil vn's@35 w 1% f d p		
BG10-49	174.00	175.45	B27543	1.45	<.03	15% dk gy sil vn's@35 w 1% f d p		
BG10-49	175.45	176.85	B27544	1.40	<.03	1/4" chl-sil vn@32 w 5% cse d py; 1/2" dk gy qv @80- no p		
BG10-49	176.85	177.80	B27546	0.95	<.03	5% dk gy sil vn's@35 w 1% f d p		
BG10-49	177.80	178.80	B27547	1.00	0.686	bl'd pa gn w 30% med gy bx frag's qtz-similar to sheeted veining@Mud Lake w 1% f d py@		
BG10-49	178.80	179.60	B27548	0.80	0.960	3/4" chl-sil w 10% f d py; bl'd pa gr		
BG10-49	179.60	180.70	B27549	1.10	0.960	mody sil'd w 15% med gy vn's to 1/8"+20% med gy qtz frag's w 3% cse d py; 1/2"-1" 50% cse+f py vn@17 po w sphal		
BG10-49	180.70	181.85	B27550	1.15	0.137	bl'd pa gn w 30% med gy bx frag's qtz-similar to sheeted veining@Mud Lake w 1% f d py@		
BG10-49	181.85	183.00	B27551	1.15	3.600	10% q-ank; 10% cse d + vn py@4	3.497	3.703
BG10-49	183.00	184.50	B27552	1.50	<.03	10% sil fract's@36		
BG10-49	184.50	186.00	B27553	1.50	0.069	15% med gy qtz frag's w 2% cse d py; freshens to end of ho		
BG10-50	6.30	7.80	B51740	1.50	0.343	1-2% diss py in frac's		
BG10-50	7.80	8.80	B51741	1.00	0.274	moderate frac'ing with epi+carb; 1% dis p		
BG10-50	8.80	9.60	B51742	0.80	0.343	moderate frac'ing with strong epi+carb+5-7% leuc flecs+3-7% fg p		
BG10-50	9.60	11.00	B51743	1.40	0.274	weakening frac'ing with epi+carb; <1% p		

Hole_ID	From	To	Sample_#	Length	Au ppm	Description	Au ppm_ck	Au ppm-ck2
BG10-50	11.00	12.30	B51744	1.30	0.069	1% diss py in frac's; red clay mud along slip from 11.4 to 11.7r		
BG10-50	12.30	13.00	B51746	0.70	0.206	at 12.4m a 1.5 cm wide carb vn with 60% py; qtz+carb+calcite vn at 0 deg TCA from 12.5 to 13		
BG10-50	13.00	14.00	B51748	1.00	<.03	rare frac's with mg py with epi; <1% p		
BG10-50	14.00	15.00	B51749	1.00	<.03	14.3m 3 cm wide vn with 5-10% py at 50 deg TCA		
BG10-50	15.00	16.50	B51750	1.50	<.03	15 to 15.5m 0 deg TCA Flt with carb+chl		
BG10-50	16.50	18.00	B51751	1.50	0.069	weak flt's healed with qtz + carb+ chl at 30 and 80 deg TCA at 17.1 and 18		
BG10-50	18.00	19.00	B51752	1.00	<.03	<1% py; Diorite - FP contac		
BG10-50	29.00	30.00	B51753	1.00	<.03	weak shear from 29 to 29.2m with qtz+carb vn'ing and weak leuc flecs; <1% py; 5-10% late carb vn'ing in stre frac's		
BG10-50	30.00	30.60	B51754	0.60	<.03	30.2 to 30.4m low angle qtz vn'ing 3mm wide with minor p		
BG10-50	32.00	32.90	B51755	0.90	<.03	at 32.1 45 deg TCA 1cm wide smoky qtz vn with minor fg py; py in frac at 32.8		
BG10-50	35.00	36.30	B51756	1.30	0.137	<1% py in occasional frac's with qtz+carl		
BG10-50	36.30	37.50	B51757	1.20	<.03	two to three 1mm frac's with py + carb; <1% p		
BG10-50	37.50	38.00	B51758	0.50	<.03	37.7 to 37.9m 5mm wide qtz vn at 15 deg TCA with 70% cpy; <5% leuc flecs; <1% p		
BG10-50	38.00	39.00	B51759	1.00	0.069	two qtz, qtz+ dol vn'ing with leuc halos and minor py; 1% py over		
BG10-50	*39.00*	*40.00*	*B51760*	*1.00*	1.611	*39 to 42.5m shear-slip zone; three separate 3 to 6mm leuc alt'n bands along shear slips at 30 to 50 deg TCA, frac's sometimes with chl, irregular dk qtz vn with mo?; 10% leuc flecs*	1.371	1.851
BG10-50	*40.00*	*41.00*	*B51762*	*1.00*	1.509	*10-15% leuc flecs; 1-3% diss fg py in carb vn'ing + in matrix*	1.166	1.851
BG10-50	*41.00*	*41.90*	*B51763*	*0.90*	1.372	*as above*	1.303	1.440
BG10-50	41.90	43.00	B51764	1.10	<.03	negl py; ser+sil alt'r		
BG10-50	47.50	48.50	B51766	1.00	0.960	weak leuc flecs; flt at 48.3 to 48.4m; 1-2% diss py in slips and 1mm vn's mostly between 48.1 to 48.5		
BG10-50	48.50	50.00	B51767	1.50	<.03	four 5 to 10mm wide frac sections with leuc halo's; 1% diss py in slip		
BG10-50	50.00	51.50	B51768	1.50	<.03	0.25 to 0.5 cm py vn's at 50.27m, 50.64m and 50.97m at 65 to 75 deg TC		
BG10-50	51.50	52.50	B51769	1.00	<.03	0.25 to 0.5 cm py vn's at 51.97m, 52.2m, 52.4m at 70 deg TC.		
BG10-50	52.50	53.30	B51770	0.80	0.137	weak carb vn'ing with py		
BG10-50	53.30	54.00	B51771	0.70	0.960	3-7% diss fg py in py vn's and frac's; 5-10% leuc flec		
BG10-50	**54.00**	**54.50**	**B51772**	**0.50**	**0.960**	**Start of MH Zone 54 to 56.5m ; shear frac zone with 10-25% diss fg to mg py, intense sil+dk grey si from 54.5 to 56.2 with 20-25% py and mauve coloured matrix**		
BG10-50	**54.50**	**55.30**	**B51773**	**0.80**	**12.378**	**as with 54 to 54.5m**	**11.589**	**13.166**
BG10-50	**55.30**	**56.10**	**B51775**	**0.80**	**1.166**	**as with 54 to 54.5m**	**1.097**	**1.234**
BG10-50	**56.10**	**56.60**	**B51776**	**0.50**	**1.543**	**as with 54 to 54.5m; after 56.5m 1-2mm frac's with epi+py+carl**	**1.440**	**1.646**
BG10-50	56.60	57.40	B51777	0.80	1.509	2-5mm py+epi+chl+carb frac's; overall 1-3% p	1.371	1.646
BG10-50	57.40	58.30	B51779	0.90	3.189	localized shear from 57.8 to 58.1 with 3-7% diss py with 10% leuc flec	3.154	3.223
BG10-50	58.30	59.70	B51780	1.40	0.137	10-15% frac'ing with epi alt'n; 3-5mm carb vn's with py+e		
BG10-50	59.70	60.50	B51781	0.80	0.137	<1% py; 60 to 60.5m 0.5 to 1cm wide late qtz vn at 0 deg TC		
BG10-50	60.50	61.10	B51782	0.60	0.480	60.7 to 60.8m 4cm wide qtz+chl 40 deg TCA Flt; 1-3% diss p		
BG10-50	61.10	62.20	B51783	1.10	0.206	61.8m epi alt'n in qtz+ minor py; overall <1% p		
BG10-50	62.20	62.70	B51784	0.50	1.235	3-5% diss py in multiple carb vn's at 30 deg TCA offset by mutliple conjugate slip	1.166	1.303
BG10-50	62.70	63.60	B51785	0.90	1.166	62.9 to 63.2m localized shear at 90 deg TCA + qtz vn'ing + leuc flecs+ 5-8% diss p	1.234	1.097
BG10-50	63.60	65.00	B51786	1.40	0.617	5-8mm wide localized shears with epi+ minor p		
BG10-50	65.00	66.50	B51787	1.50	0.343	1-2 diss py in occasional frac's+vn's		
BG10-50	66.50	68.00	B51788	1.50	0.549	0 deg TCA vn from 66.5 to 68m; <1% py		
BG10-50	68.00	68.50	B51789	0.50	3.635	68 to 68.2m with 3-5% py + late white qt	3.429	3.840
BG10-50	68.50	69.00	B51790	0.50	0.480	weak frac'ing with carb+epi; 1% diss py		
BG10-50	69.00	70.00	B52301	1.00	<.03	infill sample		

Hole_ID	From	To	Sample_#	Length	Au ppm	Description	Au ppm_ck	Au ppm-ck2
BG10-50	70.00	71.50	B52302	1.50	0.069	infill sample		
BG10-50	71.50	73.00	B51791	1.50	0.274	weak localized slips-with chl alt'n+ leuc flecs + 3-5% py along slips at 50-55 deg TCA from 72 to 72.2		
BG10-50	73.00	74.30	B51792	1.30	0.069	overall 1-3% fg py in some carb vn'in		
BG10-50	74.30	75.70	B51794	1.40	0.686	1-2% py in 0.25 cm to 1.1cm wide carb vn at 74.4m, 74.8 to 75 at 45 to 65 deg TCA		
BG10-50	75.70	76.90	B51795	1.20	5.966	strong shearing at 80-85 deg TCA from 75.9 to 76.3m with 8-10% fg py+ intense carb+qtz+chl+leuc flecs, weaker shearing after 76.3m with 1-3% py with leuc flecs	4.594	7.337
BG10-50	76.90	78.50	B51797	1.60	4.149	<1% py in weak late carb+qtz vnlet	4.663	3.634
BG10-50	78.50	79.70	B52303	1.20	<.03	infill sample		
BG10-50	79.70	80.90	B52304	1.20	<.03	infill sample		
BG10-50	80.90	81.40	B51798	0.50	<.03	<1% py		
BG10-50	81.40	82.20	B51799	0.80	1.337	3-5% py in vn's + slips; 5% leuc flecs	1.577	1.097
BG10-50	82.20	83.00	B51800	0.80	3.429	as above	3.703	3.154
BG10-50	83.00	83.90	B51801	0.90	2.760	moderate shear with 5-8% py + leuc flecs + chl alt'n+ 5-10% carb vn'ing with p	2.777	2.743
BG10-50	83.90	85.20	B51802	1.30	2.263	localized shears with carb+chl+ser 5-10% py from 84.4 to 84.47 and 85.04 to 85.1	2.194	2.331
BG10-50	85.20	86.00	B51803	0.80	<.03	<1% py		
BG10-50	86.00	87.50	B52305	1.50	<.03	infill sample		
BG10-50	87.50	88.20	B52306	0.70	<.03	infill sample		
BG10-50	88.20	89.60	B52307	1.40	<.03	infill sample		
BG10-50	89.60	90.90	B52308	1.30	0.069	infill sample		
BG10-50	90.90	92.00	B52309	1.10	<.03	infill sample		
BG10-50	92.00	93.10	B51804	1.10	<.03	at 92.75m, 4mm wide qtz vn with py; overall negl p		
BG10-50	93.10	93.80	B51805	0.70	0.960	93.4 to 93.6m weak shear with 1-3% py + leuc flecs+ sil +chl at 65 deg TC		
BG10-50	93.80	94.80	B51806	1.00	<.03	negl py		
BG10-50	94.80	95.80	B52310	1.00	<.03	infill sample		
BG10-50	95.80	97.00	B52311	1.20	<.03	infill sample		
BG10-50	97.00	98.00	B52312	1.00	<.03	infill sample		
BG10-50	98.00	99.00	B52313	1.00	<.03	infill sample		
BG10-50	99.00	100.50	B52314	1.50	<.03	infill sample		
BG10-50	100.50	101.50	B52315	1.00	0.274	infill sample		
BG10-50	101.50	102.40	B52316	0.90	<.03	infill sample		
BG10-50	102.40	103.00	B51807	0.60	<.03	102.55m a two 1cm wide late white qtz + calcite vn's with splashes of c		
BG10-50	103.00	104.10	B51808	1.10	<.03	1-3% fg py in 2 to 4mm wide carb+qtz vnlets with epi margins; magnetite in a 20 deg TCA weak shear 103.1m		
BG10-50	**104.10**	**105.00**	**B51810**	**0.90**	**5.623**	**2nd MH Zone with mauve coloured matrix + sil+ 8-12% py in banding at 30 to 45 deg TCA+ leuc flecs+chl**	**5.623**	**5.623**
BG10-50	**105.00**	**105.80**	**B51812**	**0.80**	**0.411**	**3-5% py in carb+qtz vn's 3 to 5mm wide at 30-40 deg TCA mostly between 105.1 to 105.3**		
BG10-50	105.80	107.00	B51813	1.20	<.03	negl py; unaltered diorit		
BG10-50	109.60	110.20	B51814	0.60	<.03	1-2mm frac's with py; overall 1% p		
BG10-50	110.20	111.00	B51815	0.80	0.206	moderate perv epi around weak shearing with magnetite+py+epi in v		
BG10-50	111.00	112.70	B51816	1.70	<.03	negl py		
BG10-50	112.70	113.00	B51817	0.30	0.137	two py vn's 0.25 to 0.5 cm wide; overall 1-2% p		
BG10-50	113.00	114.00	B51818	1.00	<.03	negl py		
BG10-50	120.70	121.90	B51819	1.20	0.069	1-2% fg py in matrix + 5% leuc flecs; weak shear-slips, with late qtz vn'ing from 120.7 to 120.9		
BG10-51	6.00	7.00	B51820	1.00	<.03	6.4m 3.2cm wide grey qtz vn at 40 deg TCA with fg py; other narrow epi+qtz+carb frac's with overall 1-2% py		

Hole_ID	From	To	Sample_#	Length	Au ppm	Description	Au ppm_ck	Au ppm-ck2
BG10-51	7.00	8.00	B51821	1.00	<.03	1% py		
BG10-51	10.80	12.00	B51822	1.20	0.137	10.94 to 11.35m weak flt at 10 deg TCA with epi + qtz+calcite vn'ing, negl py; 1-2% py in other narrow frac's		
BG10-51	12.00	13.10	B51823	1.10	0.411	weak occassional qtz+carb+epi vn's with 1-3% fg p		
BG10-51	13.10	14.10	B51824	1.00	0.343	as above		
BG10-51	14.10	15.10	B51825	1.00	0.411	as above; 14.6m slip with graphite; two late qtz+chl+carb vn's with no		
BG10-51	15.10	16.10	B51826	1.00	0.343	15.5 to 16.1m 3-5% fg diss py with qtz vn'ing + epi on margin		
BG10-51	16.10	17.00	B51827	0.90	<.03	<1% diss py in rare frac's		
BG10-51	22.20	23.30	B51828	1.10	<.03	flt at 22.3 to 22.43m with gouge at contact diorite-FP; late 2 cm wide white qtz vn; negl		
BG10-51	31.10	32.00	B51829	0.90	0.137	<1% py		
BG10-51	32.00	32.90	B51831	0.90	0.274	weak frac + 10% leuc flec zone, frac's with carb+py at 55 to 60 deg TCA; overall 3-5%		
BG10-51	32.90	33.90	B51833	1.00	<.03	1% diss py in one 3mm carb vr		
BG10-51	37.70	39.00	B51834	1.30	<.03	1-3% carb+fg py+epi in multiple frac's+ carb vn's		
BG10-51	39.00	40.10	B51835	1.10	<.03	as above		
BG10-51	40.10	41.00	B51836	0.90	0.206	as above		
BG10-51	41.00	42.30	G63989	1.30	<.03			
BG10-51	42.30	47.00	G63990	4.70	<.03			
BG10-51	43.10	44.10	B51837	1.00	0.206	0.5cm grey qtz vn at 55 deg TCA+ 10-15% qtz+carb + epi vn'ing; 1-2% diss fg py in frac's + vr		
BG10-51	44.10	45.55	G63991	1.45	<.03			
BG10-51	45.55	47.00	G63992	1.45	<.03			
BG10-51	47.00	47.90	G63993	0.90	<.03			
BG10-51	47.90	48.70	B51838	0.80	<.03	5% fg leuc flecs; diorite-FP contact with qtz vn'in		
BG10-51	48.70	50.00	B51839	1.30	<.03	weak perv ser in FP; <1% p		
BG10-51	50.00	51.10	G63994	1.10	<.03			
BG10-51	51.10	52.10	G63995	1.00	<.03			
BG10-51	52.10	53.25	G63996	1.15	<.03			
BG10-51	53.25	54.70	B51840	1.45	0.274	FP-Diorite contact; <1% py in a few 2mm frac's		
BG10-51	54.70	55.50	B51841	0.80	1.372	at 54.86 2.5cm carb vn with 30% fg py at 60 deg TCA; negl py for rest of samp	1.577	1.166
BG10-51	55.50	57.00	B51842	1.50	1.131	at 55.6 and 56.9 0.5 to 1cm wide vn's with p	1.371	0.891
BG10-51	57.00	58.50	B51843	1.50	0.549	<1% py; late grey-white carb vn'ing with epi; late white qtz+calcite vns at 58 and 58.4		
BG10-51	58.50	59.10	B51844	0.60	0.549	58.5 to 58.8 5 cm wide qtz+calcite vn at 15 deg TCA no assoc p		
BG10-51	**59.10**	**59.80**	**B51846**	0.70	**5.075**	**59.1 to 72.2m 1 st MH Zone frac'd + shear zone with intense oxy'd hem + 5-25% diss py sections from 59.1 to 61.5 and 68.5 to 69.2m and 5-15% py in carb vn's and frac's at predom 45 to 75 deg TCA with 10-15% leuc flecs with chl at'n from 61.5 to 68.5 and 69.2 to 72.2m**	**5.349**	**4.800**
BG10-51	**59.80**	**60.60**	**B51848**	0.80	**5.795**	**see description for sample 59.1 to 59.8m**	**5.966**	**5.623**
BG10-51	**60.60**	**61.50**	**B51849**	0.90	**3.600**	**see description for sample 59.1 to 59.8m**	**3.909**	**3.291**
BG10-51	**61.50**	**62.40**	**B51850**	0.90	**2.434**	**see description for sample 59.1 to 59.8m**	**2.331**	**2.537**
BG10-51	**62.40**	**63.40**	**B51851**	1.00	**3.909**	**see description for sample 59.1 to 59.8m**	**3.840**	**3.977**
BG10-51	**63.40**	**64.00**	**B51852**	0.60	**1.406**	**see description for sample 59.1 to 59.8m**	**1.371**	**1.440**
BG10-51	**64.00**	**65.00**	**B51853**	1.00	**2.469**	**see description for sample 59.1 to 59.8m**	**2.126**	**2.811**
BG10-51	**65.00**	**66.00**	**B51854**	1.00	**1.989**	**see description for sample 59.1 to 59.8m**	**2.126**	**1.851**
BG10-51	**66.00**	**67.00**	**B51855**	1.00	**1.989**	**see description for sample 59.1 to 59.8m**	**1.989**	**1.989**
BG10-51	**67.00**	**68.00**	**B51856**	1.00	**2.503**	**see description for sample 59.1 to 59.8m**	**2.606**	**2.400**
BG10-51	**68.00**	**69.00**	**B51857**	1.00	**3.806**	**see description for sample 59.1 to 59.8m**	**3.840**	**3.771**
BG10-51	**69.00**	**70.00**	**B51858**	1.00	**2.023**	**see description for sample 59.1 to 59.8m**	**1.920**	**2.126**

Hole_ID	From	To	Sample_#	Length	Au ppm	Description	Au ppm_ck	Au ppm-ck2
BG10-51	70.00	71.00	B51860	1.00	2.400	5-8% fg diss py in multiple qtz+carb+epi vn's 1 to 5mm wid	2.194	2.606
BG10-51	71.00	72.00	B51861	1.00	1.509	as above	1.440	1.577
BG10-51	72.00	73.00	B51862	1.00	0.960	as above		
BG10-51	73.00	74.00	B51863	1.00	0.480	fg py in qtz+calcite vn from 73.7 to 73.82n		
BG10-51	74.00	75.00	B51864	1.00	2.675	3-5% fg diss py in multpile qtz+carb+epi vn's 2 to 6mm wid	2.880	2.469
BG10-51	75.00	76.50	B51865	1.50	<.03	<1% py		
BG10-51	76.50	78.00	B51867	1.50	0.617	<1% py		
BG10-51	78.00	79.50	B51868	1.50	<.03	negl py		
BG10-51	79.50	80.00	B51869	0.50	<.03	negl py		
BG10-51	80.00	80.50	B51870	0.50	2.263	localized shear at 80.1 to 80.14m witj qtz+chl+carb+py+leuc flecs at 85 deg TC	2.194	2.331
BG10-51	80.50	81.60	B51871	1.10	0.823	discontinuous carb vn with 7-10% fg diss py at 81.55m, 10-15% late carb vn'ing; overall 1% diss p		
BG10-51	81.60	83.00	B51872	1.40	0.069	<1% py		
BG10-51	83.00	84.50	B51873	1.50	2.195	10% grey-transparent qtz vn'ing from 83.1 to 83.2m at 40 deg TCA; some carb vn'ing in shears at 83.8, 84 and 84.3m	1.920	2.469
BG10-51	84.50	86.00	B51874	1.50	0.206	negl py		
BG10-51	86.00	86.95	B54903	0.95	<.03			
BG10-51	86.95	88.00	B54904	1.05	<.03			
BG10-51	88.00	88.70	B51875	0.70	0.754	88.44 to 88.6m weak frac'd section with carb vn'ing + qtz+ 3-5% p		
BG10-51	88.70	89.30	B51876	0.60	<.03	<1% py		
BG10-51	89.30	89.80	B51877	0.50	2.000	89.5 to 89.75m weak shear with 3-5% py in slips and in 25% carb+qtz vn'ing at 55 deg TC	1.783	2.216
BG10-51	89.80	91.00	B51878	1.20	0.137	one 0.25 carb vn with py at 90.4n		
BG10-51	91.00	91.70	B51879	0.70	2.606	weak shear slips from 91 to 91.4m with leuc flecs and 1-2% p	2.880	2.331
BG10-51	91.70	92.80	B51880	1.10	0.754	5% leuc flecs + 10% late white carb vn'in		
BG10-51	92.80	93.80	B51881	1.00	0.891	start of weak shear- frac section with 10% leuc flecs+ chl alt'n + 1-3% fg p		
BG10-51	93.80	94.80	B51882	1.00	0.411	as above		
BG10-51	94.80	95.70	B51883	0.90	1.029	negl py	1.029	1.029
BG10-51	**95.70**	**96.50**	**B51884**	0.80	**1.955**	**95.7 to 98.35m 2nd MH Zone -shear zone with perv chl alt'n + leuc flecs with silicified beige light brown sections from 95.7 to 96.2, 96.7 to 98.85 and 97.8 to 98.35m with 3-10% fg mg diss py, 50% py in vn from 97.91 to 98m; FP from 97.44 to 97.8m**	**1.920**	**1.989**
BG10-51	**96.50**	**97.00**	**B51886**	0.50	**1.989**	**as with 95.7 to 96.5m**	**2.057**	**1.920**
BG10-51	**97.00**	**97.70**	**B51887**	0.70	**1.714**	**as with 95.7 to 96.5m**	**1.714**	**1.714**
BG10-51	**97.70**	**98.40**	**B51888**	0.70	**4.663**	**as with 95.7 to 96.5m; 50% py in vn from 97.91 to 98n**	**4.869**	**4.457**
BG10-51	98.40	99.40	B51889	1.00	<.03	3-5% diss mg py with 10% leuc flecs + chl alt'n; 45% qtz+calcite+carb vn'ing from 99.1 to 99.37		
BG10-51	99.40	100.90	B51890	1.50	<.03	negl py		
BG10-51	100.90	101.90	B51892	1.00	<.03	101.2m 0.25cm carb+qtz vn with py; overall <1% p		
BG10-51	101.90	102.80	B51893	0.90	<.03	102.5 to 102.6 qtz vn'ing with py+ magnetite+e		
BG10-51	102.80	104.00	B51894	1.20	<.03	1% py in 2mm frac's with carb+ep		
BG10-51	104.00	104.70	B51895	0.70	<.03	0 deg TCA qtz+calcite vn with pt at 0 deg TCA, 0.5 cm wid		
BG10-51	106.60	107.40	B51896	0.80	<.03	flt from 106.8 to 107.3 with a 3 cm wide qtz+calcite vn with minor py; flt bx with magnetite at 50 to 55 deg TCA		
BG10-51	110.80	111.60	B51897	0.80	<.03	<1% py		
BG10-51	111.60	113.00	B51898	1.40	0.274	111.6 to 112.2m 0 deg TCA white qtz vn with splashes of cpy; 112.8 to 112.84m local she		
BG10-51	117.60	118.80	B51899	1.20	<.03	occasional & multiple 2-4mm wide qtz+carb vnlets with epi+ fg py; overall 3-5%		
BG10-52	6.60	7.60	B27580	1.00	<.03			
BG10-52	7.60	9.00	B27581	1.40	<.03			

Hole_ID	From	To	Sample_#	Length	Au ppm	Description	Au ppm_ck	Au ppm-ck2
BG10-52	9.00	10.50	B27582	1.50	<.03			
BG10-52	10.50	12.00	B27583	1.50	0.069			
BG10-52	12.00	13.50	B27584	1.50	<.03			
BG10-52	13.50	15.00	B27585	1.50	<.03			
BG10-52	15.00	16.50	B27586	1.50	0.069	bx; 2% f d py; hily sil'c		
BG10-52	16.50	18.00	B27587	1.50	0.069			
BG10-52	18.00	18.95	B27588	0.95	0.137			
BG10-52	18.95	19.60	B27589	0.65	3.086	10% cse+5% f d py in bx -chlc sil'c	2.674	3.497
BG10-52	19.60	21.00	B27590	1.40	1.303		1.646	0.960
BG10-52	**21.00**	**22.50**	**B27591**	1.50	**15.943**		**18.514**	**13.372**
BG10-52	22.50	24.00	B27592	1.50	1.029		1.166	0.891
BG10-52	24.00	25.70	B27593	1.70	3.669		3.909	3.429
BG10-52	25.70	27.40	B27594	1.70	0.069			
BG10-52	27.40	28.10	B27595	0.70	<.03	1/4" 50% cse d py+ 10% spec @42; 3* 1/8" chl fract's w 5% cse d p		
BG10-52	28.10	28.75	B27597	0.65	<.03			
BG10-52	28.75	30.00	B27598	1.25	<.03			
BG10-52	30.00	31.50	B27599	1.50	<.03			
BG10-52	31.50	33.00	B27600	1.50	<.03			
BG10-52	33.00	34.50	B27601	1.50	<.03	flt ; 10% q-ank		
BG10-52	34.50	35.80	B27602	1.30	<.03	10% q-ank; 1-2% cse d py		
BG10-52	35.80	37.10	B27603	1.30	<.03	10% q-ank; 1-2% cse d py		
BG10-52	37.10	38.20	B27604	1.10	<.03	10% q-ank; 1-2% cse d py		
BG10-52	38.20	39.00	B27605	0.80	<.03	20% q-ank; 1-2% cse d py		
BG10-52	39.00	40.50	B27606	1.50	<.03	10% q-ank; 1-2% cse d py		
BG10-52	45.00	46.00	B27608	1.00	<.03			
BG10-52	46.00	46.60	B27609	0.60	0.206	1/8"-1/2" 50% cse py vn@37; 1/16" chl fract w 10% cse d py@4		
BG10-52	46.60	47.50	B27610	0.90	<.03			
BG10-52	47.50	48.90	B27611	1.40	0.137	2% f d py locy conc assd w q-ank@10-2(		
BG10-52	57.90	59.10	B27612	1.20	0.069			
BG10-52	59.10	59.90	B27613	0.80	<.03	red-br w 5% spec; 0.1m bl'd@47 w 5% spe		
BG10-52	59.90	60.80	B27614	0.90	0.069			
BG10-52	71.40	72.60	B27615	1.20	<.03	BC		
BG10-52	72.60	73.20	B27616	0.60	0.686	BC		
BG10-52	73.20	74.00	B27617	0.80	0.206	BC w hily bl'd unit w at least 1" 90% cse py vn@4		
BG10-52	74.00	75.00	B27619	1.00	<.03	slip; fresh		
BG10-52	75.00	76.20	B27620	1.20	<.03			
BG10-52	84.55	85.55	B27622	1.00	<.03	bl'd; ct;		
BG10-52	85.55	86.50	B27623	0.95	0.617	2* 1/8"-1/4" 50% cse py vn's@43 in wy bl'd diorit		
BG10-52	86.50	87.60	B27624	1.10	0.069			
BG10-52	87.60	88.50	B27625	0.90	<.03			
BG10-52	88.50	89.50	B27626	1.00	0.274			
BG10-52	89.50	90.70	B27627	1.20	0.480	bl'd mody; 3% cse d py assd w chl@2		
BG10-52	90.70	91.50	B27628	0.80	1.234		1.097	1.371
BG10-52	91.50	92.60	B27629	1.10	0.069			
BG10-52	92.60	93.65	B27630	1.05	0.480	5-8% cse d py assd w bl'd, sil'd, chl'd ; 0.05m hily sil'd w 15% f+10% cse d py-all@6		

Hole_ID	From	To	Sample_#	Length	Au ppm	Description	Au ppm_ck	Au ppm-ck2
BG10-52	93.65	94.70	B27631	1.05	0.069			
BG10-52	94.70	96.00	B27632	1.30	<.03	1/4" 30% cse py vn@57		
BG10-52	96.00	97.50	B27633	1.50	<.03			
BG10-52	97.50	99.00	B27634	1.50	<.03	5% spec		
BG10-52	99.00	100.50	B27635	1.50	<.03	5% spec		
BG10-52	100.50	102.00	B27636	1.50	<.03			
BG10-52	103.00	103.90	B27637	0.90	<.03			
BG10-52	103.90	104.90	B27638	1.00	<.03			
BG10-52	104.90	105.70	B27639	0.80	<.03			
BG10-52	105.70	106.65	B27640	0.95	<.03	mottled; wy bl'd; 10% q-anl		
BG10-52	106.65	107.55	B27641	0.90	0.549	mottled; wy bl'd; 10% q-ank; 3% cse d py locy conc assd w wy sil'd zones w chl+q-ank; E		
BG10-52	107.55	108.50	B27642	0.95	<.03			
BG10-52	108.50	109.25	B27643	0.75	4.560	0.2m bl'd w 15% cse d py@37	4.320	4.800
BG10-52	109.25	110.10	B27645	0.85	0.480			
BG10-52	119.40	120.30	B27646	0.90	<.03	shr'd hily chlc w 10% q-ank 1/8" vn's@62		
BG10-52	120.30	121.40	B27647	1.10	<.03	20% pk carb; bl'd; 1% cse d py		
BG10-52	121.40	122.00	B27648	0.60	0.754	shr'd wy w 0.05m ser-chl w 10% f d py@47		
BG10-52	122.00	123.30	B27649	1.30	<.03			
BG10-52	135.40	136.80	B27650	1.40	0.206			
BG10-52	136.80	137.85	B27651	1.05	0.137	8% cse bleb py; 0.1m med gy sil-chl vn w 8% cse d py@5		
BG10-52	137.85	139.20	B27653	1.35	0.891	10% cse bleb py; 2* 1/2" 70% cse+ 10% f py vn's in sil-chl@3		
BG10-52	139.20	140.00	B27654	0.80	0.411	5% cse bleb py; 0.05m chl-sil vn w 35% cse d py@5		
BG10-52	140.00	141.00	B27655	1.00	<.03	5% cse bleb py		
BG10-52	141.00	142.25	B27656	1.25	<.03	5% cse bleb py		
BG10-52	142.25	143.50	B27657	1.25	<.03	5% cse bleb py		
BG10-52	143.50	144.90	B27658	1.40	<.03	5% cse bleb py		
BG10-52	144.90	146.20	B27659	1.30	<.03	5% cse bleb py		
BG10-52	146.20	147.65	B27660	1.45	<.03	5% cse bleb py		
BG10-52	147.65	149.30	B27661	1.65	<.03	5% cse bleb py; more chlc;		
BG10-52	149.30	150.40	B27662	1.10	<.03	5% cse bleb py; 1" vuggy carb-ank vn@15 in BC w 2% cse d p		
BG10-52	150.40	151.60	B27663	1.20	<.03	5% cse bleb py; 2* 0.05m carb-ank vuggy vn's@45+2		
BG10-52	151.60	152.85	B27664	1.25	<.03	5% cse bleb py; 30% q-ank-carb vn's@10-17 w chl+ ser+ 3% cse d p		
BG10-52	152.85	154.00	B27665	1.15	<.03	5% cse bleb py		
BG10-52	154.00	155.20	B27666	1.20	<.03	5% cse bleb py		
BG10-52	155.20	156.65	B27667	1.45	<.03	5% cse bleb py; 1/2" disc 50% cse py vn@2(		
BG10-52	156.65	157.80	B27668	1.15	<.03	5% cse bleb py		
BG10-52	157.80	159.00	B27669	1.20	<.03	5% cse bleb py		
BG10-53	10.30	11.10	B51686	0.80	0.069	1-2% fg py in occasional carb frac's-vn's		
BG10-53	11.10	11.90	B51687	0.80	<.03	11.16m a 1cm vn with py at 40 deg TCA; 1% diss py in matr		
BG10-53	11.90	13.00	B51688	1.10	<.03	two qtz+carb+dol vn's with weak p		
BG10-53	13.00	14.50	B51689	1.50	0.069	1-2 fg py in matrix		
BG10-53	14.50	15.00	B51690	0.50	0.549	as above		
BG10-53	15.00	15.60	B51691	0.60	0.960	15.2m a 2.2 cm wide qtz+carb+dol+chl vn with 85% py at 15 deg TCA at margins of a		
BG10-53	15.60	17.00	B51693	1.40	0.069	5-10% white qtz+carb vn'ing with 1-2% diss py in irregular frac's+vn		
BG10-53	17.00	18.00	B51695	1.00	0.137	17.6 to 18m 10 deg TCA slip with qtz+carb+chl+bx; 1% diss py in matr		

Hole_ID	From	To	Sample_#	Length	Au ppm	Description	Au ppm_ck	Au ppm-ck2
BG10-53	18.00	19.00	B51696	1.00	0.480	at 18.35m a 0.5 cm wide vn with py at 45 deg TCA; other hairline frac's with py at 40 to 45 deg T(		
BG10-53	19.00	20.00	B51697	1.00	0.206	1-3% diss py in matrix and in clots+ vn's; 19.95m 2.5cm wide qtz+chl+carb vn at 40 deg TC		
BG10-53	20.00	21.50	B51698	1.50	0.069	1-3% diss py in matrix		
BG10-53	21.50	23.00	B51699	1.50	<.03	20-25% qtz+dol+carb vn'ing; 1-3% diss py in matrix and in hairline discontinuous frac		
BG10-53	23.00	23.80	B51700	0.80	<.03	20-25% qtz+dol+carb vn'ing vn's sometimes 3 cm wide; overall 1% p		
BG10-53	23.80	24.40	B51701	0.60	<.03	as above		
BG10-53	24.40	25.50	B51702	1.10	<.03	Flt - MH Zone Offset Flt - 5 deg TCA broken core + gouge + strng fol'n fabric adjacent to flt with chl+ ser+10 qtz+dol vn'ing+ 1% fg diss py		
BG10-53	25.50	26.40	B51703	0.90	<.03	as above but with 10% fg leuc flecs and <2% qtz+dol vn'ing; strong ser+chl alt'n stops abruptly at 26.35m		
BG10-53	26.40	27.60	B51704	1.20	<.03	1-2% fg py in hairline frac's; 5% carb+qtz vn'in		
BG10-53	27.60	28.30	B51705	0.70	<.03	four 2mm wide carb vnlets with py at 40 deg TCA from 27.7 to 28m overall 3-5%		
BG10-53	28.30	29.00	B51707	0.70	<.03	1-3% diss py		
BG10-53	30.50	31.30	B51709	0.80	0.343	1-2% mg and fg py in matri		
BG10-53	31.30	32.00	B51710	0.70	0.549	31.53m 2cm wide qtz + carb vn with 15% fg py at 65 deg TCA; other frac's with py; overall 1-3% diss		
BG10-53	32.00	33.50	B51711	1.50	<.03	1-2% py overall in matrix and rare frac'		
BG10-53	36.10	37.10	B51712	1.00	<.03	1% diss py; spotted chl subrounded to rounded clots; leopard texture; 36.5 1.2cm wide qtz+carb vnat 45 d TCA		
BG10-53	37.10	37.90	B51713	0.80	0.069	3-5% diss mg + fg py in frac's within a weak brittle frac'd section with sil + ser+ chl+ 5% qtz+ank vn'i		
BG10-53	37.90	39.00	B51714	1.10	<.03	1-3% diss mg py along slips in Diorite Bx + Syenit		
BG10-53	39.00	40.50	B51715	1.50	<.03	as above		
BG10-53	40.50	41.00	B51716	0.50	<.03	40.9m flt at 45 deg TCA start of shear - brittle- ductile to 46.6m; 1-3% diss p		
BG10-53	41.00	41.50	B51717	0.50	<.03	1-2% diss py in matrix and in minor frac's with cl		
BG10-53	**41.50**	**42.30**	**B51719**	**0.80**	**<.03**	**from 41.5 to 46.2m sil + ser perv alt'n with 3-12% diss mg to fg py in frac's & along brittle shear slips with chl + qtz+dol+minor carb; shearing + frac's at 55 to 85 deg TCA**		
BG10-53	**42.30**	**43.20**	**B51720**	**0.90**	**0.686**	**as with 41.5 to 42.3m; 2.5cm wide qtz vn with 30% py; overall 5-7% diss py in frac's + 5% qtz+dol+carl vn'ing**		
BG10-53	**43.20**	**44.00**	**B51722**	**0.80**	**0.206**	**as with 41.5 to 42.3m; 8-12% diss py in chl+qtz vnlets; 10% late qtz+dol vn'ing; qtz+carb vn 3 cm wid at 43,95m with 80% py**		
BG10-53	**44.00**	**44.90**	**B51723**	**0.90**	**0.274**	**as with 41.5 to 42.3m; 5-7% diss py in frac's**		
BG10-53	**44.90**	**45.80**	**B51724**	**0.90**	**0.960**	**as with 41.5 to 42.3m; 3-5% diss py in frc's**		
BG10-53	**45.80**	**46.60**	**B51725**	**0.80**	**0.274**	**intense perv sil alt'n from 45.8 to 46.2; 8-10% diss py in frac's+vnlets; 5%late qtz+dol vning; 46.5m flt a 50 deg TCA with py +qtz+dol healing+chl**		
BG10-53	46.60	48.00	B51726	1.40	0.069	1% diss py in matri		
BG10-53	48.00	49.00	B51727	1.00	<.03	48.05m flt-slip at 55 deg TCA' 1% diss p		
BG10-53	49.00	50.00	B51728	1.00	<.03	49.39 to 49.44 flt slips with qtz+dol+carb at 55 deg TCA, minor p		
BG10-53	50.00	51.00	B51729	1.00	<.03	10% late qtz+dol vn'in		
BG10-53	51.00	52.00	B51730	1.00	<.03	mod contorted shearing with ser+chl; 51.7 to 52m 90% qtz+dol vn'ir		
BG10-53	52.00	53.00	B51731	1.00	<.03	52.3m 3cm wide flt at 90 deg TCA with qtz+dol+chl; 52.8m 3mm wide frac with py at 30 deg TC		
BG10-53	53.00	54.50	B51732	1.50	<.03	53.3m flt at 50 deg TCA healed with qtz+dol+chl and flt at 54.1m flt at 30 deg TC		
BG10-53	54.50	56.00	B51733	1.50	<.03	<1% py		
BG10-53	56.00	57.00	B51734	1.00	0.274	55.5 to 57m 0 to 5 deg TCA slip-frac with carb vn'ing; <1% p		
BG10-53	57.00	58.00	B51735	1.00	<.03	1% diss py in matri		
BG10-53	61.00	61.80	B51736	0.80	<.03	0-5 deg TCA Flt with chl+ser+2 cm wide qtz+carb+dc		
BG10-53	65.90	67.00	B51737	1.10	<.03	1-2% diss mg py along weak slips at 55 to60 deg TC		

Hole_ID	From	To	Sample_#	Length	Au ppm	Description	Au ppm_ck	Au ppm-ck2
BG10-53	78.00	78.90	B51738	0.90	<.03	strong 0 deg TCA Flt with chl+ser+ qtz+dol+carb vn'in		
BG10-53	78.90	80.00	B51739	1.10	<.03			
BG10-56	6.80	8.00	B34905	1.20	<.03	py+mo in 4 to 5 slip vn's <0.5 cm wide generally at 40 deg TC/		
BG10-56	14.90	15.90	B34906	1.00	0.069	f.g anhedral py in discont. Frac's; overall 1-2 % p		
BG10-56	24.00	24.70	B34907	0.70	1.34	flt at 24 m with chl+qtz+py and 10 cm wide qtz+cc vn at 24.4 to 24.5 m mo+py+chl on margi	1.440	1.234
BG10-56	24.70	25.60	B34908	0.90	0.069	<1% py in slips		
BG10-56	32.40	33.20	B34909	0.80	<.03	10 deg TCA slip-vn's <2mm with py+mo+qtz+carl		
BG10-56	47.50	48.00	B34910	0.50	<.03	flt bx+qtz at 30 deg TCA; 2 mm frac with p		
BG10-56	48.00	49.00	B34911	1.00	<.03	weak frac'ing with chl+py+minor mo; overall 1% p		
BG10-56	49.00	49.90	B34913	0.90	<.03	frac'ing with qtz+ py+mo; overall 1-3% p		
BG10-56	49.90	51.50	B34915	1.60	0.069	1-3% diss eu py in matrix; tr py in rare frac'		
BG10-56	51.50	52.00	B34916	0.50	0.069	3-5% py in narrow frac's at 0 deg TCA; 1-3 % py in matri		
BG10-56	52.00	53.00	B34917	1.00	<.03	one to two <1mm frac's with py+chl+m		
BG10-56	55.00	55.70	B34918	0.70	<.03	55.4 to 55.5m a qtz+cc vein with strong py+po?, 2 cm wide low ang		
BG10-56	66.40	66.90	B34919	0.50	<.03	1mm frac' at 30 deg TCA with qtz+cc+py f.g to m.g. euhedral; overall 3-5% p		
BG10-56	72.40	73.10	B34920	0.70	<.03	1-3% py in matrix and in discont. stress frac's along with qtz+cc+minor m		
BG10-56	73.10	73.70	B34921	0.60	<.03	as above hairline frac's generally at 15 to 30 deg TC		
BG10-56	**73.70**	**74.40**	**B34922**	0.70	**40.08**	**73.8 to 74.3 m 5-7% py in 15 to 30 deg TCA frac's with pale white-orange qtz+alb vn's**	**40.252**	**39.909**
BG10-56	74.40	75.00	B34924	0.60	<.03	1-2% py in matrix & in rare frac's; qtz+albite in stress frac's; pale fuschite xeno? Blotch		
BG10-56	75.00	76.10	B34925	1.10	<.03	1-2% py in matrix & in rare frac's; qtz+albite in stress frac's		
BG10-56	76.10	76.90	B34926	0.80	0.137	1-5% py in matrix & in occassional frac's; qtz+albite in stress frac's		
BG10-56	76.90	78.20	B34927	1.30	<.03	1-2% py in matrix; negl frac'in		
BG10-56	78.20	79.10	B34928	0.90	1.82	3-5% py overall in increased 1-2mm frac'ing predom at 10 deg TCA and 55 deg TCA with qtz+cc+r	1.509	2.126
BG10-56	79.10	79.60	B34929	0.50	<.03	1-2% f.g. diss py in matri		
BG10-56	92.75	93.40	B34930	0.65	<.03	1-2% py, minor py in Flt at 93.46, two slips at 92.8 and 92.9m; 5%qtz+alb vn'ir		
BG10-56	101.40	102.20	B34931	0.80	<.03	3-5% diss py in frac'ing from 104.6 to 104.8 n		
BG10-56	102.20	102.70	B34932	0.50	<.03	negl frac's + tr py; 1-2% py in matri		
BG10-56	102.70	103.30	B34933	0.60	<.03	102.97 - 103.1 m shear with grey qtz+py+fuschite; overall 3-6% p		
BG10-56	103.30	104.20	B34935	0.90	0.069	weak 1mm frac'ng along shear fabric with qtz+2% py over		
BG10-56	104.20	104.80	B34936	0.60	0.069	5-7% py in grey + white qtz+alb vn from 104.4-104.75 r		
BG10-56	104.80	105.50	B34937	0.70	<.03	early grey vn'ing with late white qtz+cc vn's; 1-2 % py over		
BG10-56	109.00	109.80	B34938	0.80	0.069			
BG10-56	109.80	110.70	B34940	0.90	<.03	1-5% diss py in matrix, 1-2% py in frac's; 5% white to cream qtz+alb vn'ir		
BG10-56	110.70	111.30	B34941	0.60	0.206	frac's sometimes irregular with 5-7% p		
BG10-56	111.30	112.10	B34942	0.80	0.069	5-7% diss euhedral py in matrix; few frac'		
BG10-56	112.10	112.90	B34943	0.80	<.03	112.64 m 7 cm lt qtz+alb vn, tr py;1-4% py in frac'		
BG10-56	112.90	113.40	B34944	0.50	<.03	11 cm section with 5-7% diss py in frac's		
BG10-56	113.40	114.00	B34945	0.60	<.03	1-3% diss py in matrix and few frac's; possible 5x 2 cm pebble fell in hole oxy lo		
BG10-56	114.00	114.90	B34946	0.90	0.754	114-114.3 m 5-7% py in strong frac's irreg. Width		
BG10-56	114.90	115.70	B34947	0.80	<.03	115.1 - 115.2 m frac with p		
BG10-56	116.20	116.70	B34948	0.50	<.03	7-10% diss py in frac's		
BG10-56	116.70	117.50	B34949	0.80	<.03	5-7% diss py in frac's		
BG10-56	117.50	118.50	B34950	1.00	<.03	1-2% diss py in matrix; 1-3% py in hairline frac'		
BG10-56	118.50	119.00	B34951	0.50	0.343	7-12% diss py in frac/bx		

Hole_ID	From	To	Sample_#	Length	Au ppm	Description	Au ppm_ck	Au ppm-ck2
BG10-56	119.00	119.50	B34952	0.50	<.03	negl frac/bx; 1-5% diss py in matri:		
BG10-56	119.50	120.40	B34953	0.90	0.069	5-8% diss py in frac/bx		
BG10-56	120.40	121.00	B34954	0.60	<.03	5-8% diss py in frac/bx		
BG10-56	121.00	121.60	B34955	0.60	0.411	as above		
BG10-56	121.60	122.30	B34956	0.70	<.03	strong shear frac/bx with 7-10% py+iron black mineral, fairly hard - spine		
BG10-56	122.30	123.40	B34958	1.10	0.480	strong frac/bx; 7-12% diss f.g anhedral py; 5% discont late white qtz vnle		
BG10-56	123.40	124.40	B34959	1.00	<.03	dramatic decrease in frac/bx than previous two ssamples; 3-5% diss py in mat		
BG10-56	124.40	125.00	B34961	0.60	<.03	1-2% diss py in matri		
BG10-56	125.00	125.60	B34962	0.60	<.03	strong shear at contact QFP-Cngl; 1-3% diss py+spinel'		
BG10-56	129.00	130.50	B34963	1.50	0.069	2% diss py in broken core		
BG10-56	130.50	132.00	B34964	1.50	0.343	3-5% sdiss & clotty py, mod carb tension thds thr		
BG10-56	132.00	133.50	B34965	1.50	0.206	4-7% py as wk strs & diss grains		
BG10-56	133.50	135.00	B34966	1.50	0.411	10% py strs in carb'd & sil'd conglon		
BG10-56	135.00	136.50	B34967	1.50	0.069	+6% py as strs & diss grains		
BG10-56	136.50	138.00	B34968	1.50	0.274	1-2% py as wk strs & minor diss grains		
BG10-56	138.00	139.50	B34969	1.50	0.137	1-2% fg diss py, chl altn increasing		
BG10-56	139.50	141.00	B34970	1.50	0.069	1-2% fg diss py, chl altn increasing		
BG10-56	141.00	142.50	B34971	1.50	0.274	5-10% diss py, mod-strong ch		
BG10-56	142.50	144.00	B34972	1.50	<.03	5-1% py decreasing downhol		
BG10-56	144.00	145.50	B34973	1.50	<.03	5% diss f-mg py		
BG10-56	145.50	146.50	B34974	1.00	0.069	3-4% diss py		
BG10-56	146.50	147.50	B34975	1.00	<.03	1-3% diss py & minor thds		
BG10-56	147.50	148.88	B34976	1.38	<.03	+5%f-mg diss py		
BG10-56	148.88	150.10	B34977	1.22	<.03	4% py as wk diss strs de'd with chl-carb on fractures & bedding cleavage, avg 40d		
BG10-56	150.10	151.30	B34978	1.20	0.069	25% py/po as mg SMS str bands at 50dca in chl'd felsic flo		
BG10-56	151.30	152.00	B34979	0.70	<.03	+7% pty/po in chill zone, diss thro and on late fractures as wk thc		
BG10-56	152.00	153.00	B34980	1.00	<.03	trace m-cg pc		
BG10-56	153.00	154.50	B34981	1.50	<.03	<2% mg po as wk strs		
BG10-56	169.00	170.14	B34983	1.14	0.069	<1% py as wk str at 70dca and on joint face		
BG10-56	170.14	171.00	B34984	0.86	<.03	2% clottyu dissem pc		
BG10-56	171.00	172.50	B34985	1.50	<.03	3% po/py as mg diss clots & grains		
BG10-56	172.50	174.00	B34986	1.50	<.03	3-4% brown py/po as diss clots and as minor xcutting thds at 0 and 140dca xcots foln of 50d		
BG10-56	174.00	175.50	B34987	1.50	0.274	3-5% mg mod po/py spotting dev'd thr		
BG10-56	175.50	177.00	B34988	1.50	0.069	1% py as patches to sericcarb strs at 25-40dc		
BG10-56	177.00	178.20	B34989	1.20	<.03	<1% po as wk SMS diss str at 80dca ass'd with seric-chl-carb alt		
BG10-56	178.20	178.90	B34990	0.70	<.03	trace po as rare xcutting irreg thd, mod dk green chl spotting; bottom half bloc		
BG10-56	178.90	180.00	B34991	1.10	<.03	<1% mg diss po/py		
BG10-56	180.00	181.50	B34992	1.50	<.03	<2% f-mg diss po/py, mod chl banding		
BG10-56	181.50	183.00	B34994	1.50	<.03	3% fg diss py in blocky & boroken falted sectio		
BG10-56	183.00	184.50	B34995	1.50	<.03	4% mg diss thds and strs at 15-30dc		
BG10-56	184.50	186.00	B34996	1.50	<.03	2-3% sulf (as above)		
BG10-56	186.00	187.50	B34997	1.50	<.03	2-3% sulf (as above)		
BG10-56	187.50	189.00	B34998	1.50	0.960	2-3% sulf (as above)		
BG10-56	189.00	190.50	B34999	1.50	<.03	2% sulf, mainly ass'd with chl strs at 25dc		
BG10-56	190.50	192.00	B45001	1.50	<.03	2% sulf		

Hole_ID	From	To	Sample_#	Length	Au ppm	Description	Au ppm_ck	Au ppm-ck2
BG10-56	192.00	193.50	B45002	1.50	0.069	4-5% sulf as str thds dev'd mainly in lower 1/2 of sample at 30 & 110dc		
BG10-56	193.50	195.00	B45003	1.50	<.03	3-4% sulf as diss thds on joints & frac's at 40, 5 and 140dca or as diss grains ass'd with ser-chl epid strs thro.		
BG10-56	195.00	196.50	B45004	1.50	<.03	1-2% sulf, esp. well dev'd on joint face		
BG10-56	196.50	198.00	B45005	1.50	<.03	trace sulf diss grains and on joint plane		
BG10-56	198.00	199.50	B45006	1.50	<.03	trace sulf diss grains and on joint plane		
BG10-56	199.50	201.00	B45007	1.50	<.03	trace sulf diss grains and on joint plane		
BG10-56	201.00	202.50	B45008	1.50	<.03	trace sulf diss grains and on joint plane		
BG10-56	202.50	204.00	B45009	1.50	<.03	trace sulf diss grains and on joint plane		
BG10-56	204.00	205.50	B45010	1.50	<.03	trace sulf diss grains and on joint plane		
BG10-56	205.50	207.00	B45011	1.50	0.069	trace sulf diss grains and on joint plane		
BG10-56	207.00	208.85	B45012	1.85	<.03	trace sulf diss grains and on joint plane		
BG10-56	208.85	210.00	B45013	1.15	<.03	1-2% vfg diss py		
BG10-56	210.00	211.50	B45015	1.50	<.03	1-2% sulf as wkly dev'd strs		
BG10-56	211.50	213.00	B45016	1.50	<.03	<2% f-mg diss py		
BG10-56	213.00	214.50	B45017	1.50	<.03	1% fg diss py		
BG10-56	214.50	216.00	B45018	1.50	<.03	2% fg diss py		
BG10-56	216.00	217.50	B45019	1.50	<.03	3% py as wk strs & fg diss grains		
BG10-56	217.50	219.00	B45020	1.50	<.03	1-2% fg diss py		
BG10-56	219.00	220.50	B45021	1.50	<.03	1-2% fg diss py		
BG10-56	220.50	222.00	B45022	1.50	0.069	1% fg diss py grains		
BG10-56	222.00	223.50	B45023	1.50	<.03	trace py		
BG10-56	223.50	225.00	B45024	1.50	<.03	<1% fg py clots		
BG10-56	225.00	226.50	B45025	1.50	<.03	NSM - all shattered & broken core		
BG10-56	226.50	228.00	B45026	1.50	<.03	<1% py clots, tr qc strs		
BG10-56	228.00	229.50	B45027	1.50	0.069	trace py in broken & blocky cor		
BG10-56	229.50	231.00	B45028	1.50	<.03	1-2% sulf as wk str thds sptf at 60dca		
BG10-56	231.00	232.50	B45029	1.50	0.960	2-6% fg suld mainly diss thro, chalky white xcuutting qtz-cc str at 232.3; 3% qc thds over		
BG10-56	232.50	234.00	B45030	1.50	<.03	1-2% vfg diss py; 3-4% wh qc thds overall showing horsetails off main qc str th		
BG10-56	234.00	235.50	B45031	1.50	<.03	7-3% diss py as wkly dev'd bands, 3% qc tds in par vuggy, one well developed "S" folded pale grey qtz micro at 235.25m		
BG10-56	235.50	237.00	B45032	1.50	<.03	3-5% fg sulf as diss grains and thds		
BG10-56	237.00	238.50	B45033	1.50	0.137	2-3% sulf (as above)		
BG10-56	238.50	239.80	B45034	1.30	0.137	trace sulf diss grains and on joint plane		
BG10-56	239.80	240.50	B45036	0.70	0.069	3% py as minor str dev'd below 7cm vuggy bull qtz vlt at 40dc		
BG10-56	240.50	241.50	B45037	1.00	<.03	NSM, heavy epid-chl, minor xcutting fesite str at 0dc		
BG10-56	241.50	243.00	B45038	1.50	<.03	trace sulf as rare thds on fractures		
BG10-56	243.00	244.50	B45039	1.50	<.03	NSM		
BG10-56	244.50	246.00	B45040	1.50	<.03	NSM		
BG10-56	246.00	247.50	B45041	1.50	<.03	1-3% fg diss sulf and rare thds		
BG10-56	247.50	249.00	B45042	1.50	<.03	3-5% fg didd py strs & bands		
BG10-56	249.00	250.50	B45044	1.50	<.03	2-3% py as f-mg diss grains & wk str at top of sample; mod felsite injection bx horiz		
BG10-56	250.50	252.00	B45045	1.50	<.03	trace py		
BG10-56	271.00	272.00	B45046	1.00	<.03	NSM		
BG10-56	272.00	273.00	B45047	1.00	<.03	+5% py as mod thds haloing porph and 3% vfg diss grains in intrusiv		

Hole_ID	From	To	Sample_#	Length	Au ppm	Description	Au ppm_ck	Au ppm-ck2
BG10-56	273.00	274.00	B45048	1.00	<.03	10-15% py as diss grains & mod strs/thds		
BG10-56	274.00	275.00	B45049	1.00	0.069	1-2% fg diss py		
BG10-56	275.00	276.00	B45050	1.00	<.03	3% py as strs & diss grains		
BG10-56	276.00	277.50	B45051	1.50	<.03	trace vfg diss py		
BG10-56	277.50	279.00	B45052	1.50	<.03	trace py mainly dev'd on joint face		
BG10-56	279.00	280.00	B45053	1.00	<.03	NSM		
BG10-56	280.00	281.00	B45054	1.00	<.03	trace rare spk py in felsic ser'd band - poss rhyolitic xenc		
BG10-56	281.00	282.00	B45055	1.00	0.069	trace vfg diss py		
BG10-56	282.00	283.00	B45056	1.00	<.03	NSM		
BG10-56	283.00	284.00	B45058	1.00	<.03	NSM		
BG10-56	284.00	285.00	B45059	1.00	0.069	NSM; granophyric sil banc		
BG10-56	285.00	286.50	B45060	1.50	<.03	trace vfg diss py		
BG10-56	286.50	287.10	B45061	0.60	<.03	10% vuggy cvlt, <3% fg py mainly ass'd with structur		
BG10-56	287.10	288.00	B45062	0.90	<.03	trace py		
BG10-56	288.00	289.50	B45063	1.50	<.03	3% py as wk diss strs & grains		
BG10-56	289.50	291.00	B45064	1.50	0.069	2% f-mg diss py		
BG10-56	291.00	292.50	B45065	1.50	0.206	1-2% sulf as minor strs		
BG10-56	292.50	294.00	B45066	1.50	0.069	10% vfg-fg diss py bands, thds and wk strs		
BG10-56	294.00	295.50	B45068	1.50	0.069	10-7% f-mg py diss and as strs, 6cm py str at 294.95 at 50dca		
BG10-56	295.50	297.00	B45069	1.50	<.03	<1% py as wk thds		
BG10-56	297.00	298.50	B45070	1.50	<.03	trace py as vfg spks, mod epid spots		
BG10-56	298.50	299.80	B45071	1.30	<.03	trace - 2% py, mostly concentrated towards base of sample as fg diss bar		
BG10-56	299.80	300.80	B45072	1.00	<.03	1-2% fg py strs		
BG10-56	300.80	301.80	B45073	1.00	<.03	trace py		
BG10-56	301.80	303.00	B45074	1.20	<.03	NSM		
BG10-56	315.50	317.00	B45076	1.50	<.03	NSM		
BG10-56	317.00	318.00	B45077	1.00	<.03	trace vfg py		
BG10-56	318.00	319.00	B45078	1.00	<.03	<0.5% py as wk str		
BG10-56	319.00	320.00	B45079	1.00	<.03	3-5% py as thds rimming bx frags or filling jts in bleach zone (Bz		
BG10-56	320.00	321.10	B45080	1.10	<.03	trace fg py		
BG10-56	321.10	322.50	B45081	1.40	<.03	<1% mg py mainly deve'd on minor 60dca slips at 321.9 and 322		
BG10-56	322.50	324.00	B45082	1.50	<.03	3-4% py as wk strs 25-40dca ass'd with cc thds		
BG10-56	324.00	325.50	B45083	1.50	<.03	3% wk py thds/strs at 45dca		
BG10-56	325.50	327.00	B45084	1.50	0.069	3-5% diss py and uirreg thds		
BG10-56	327.00	328.50	B45085	1.50	<.03	no sig min'n (NSM)		
BG10-56	328.50	330.00	B45086	1.50	<.03	NSM		
BG10-56	330.00	331.50	B45087	1.50	<.03	NSM		
BG10-56	331.50	333.00	B45088	1.50	<.03	NSM		
BG10-56	333.00	334.40	B45089	1.40	<.03	<1% py as wk str and minor thds at 30 & 120dca on frac'		
BG10-56	334.40	335.20	B45090	0.80	<.03	trace fg py on frac's		
BG10-56	335.20	336.00	B45091	0.80	<.03	6-3% f&mg py as wk lam's & diss bands thro, avg CA=55dc		
BG10-56	336.00	337.00	B45093	1.00	<.03	3% f&mg py as thds on chl'c jts		
BG10-56	337.00	338.00	B45094	1.00	<.03	1% fg diss py and occ clots		
BG10-56	338.00	339.00	B45095	1.00	<.03	2-3% f& mg diss py and occ thds		
BG10-56	339.00	340.00	B45096	1.00	<.03	2-3% diss py & thds, wk shd /foliated cc vlt at 339.82/4cm at 95dc		

Hole_ID	From	To	Sample_#	Length	Au ppm	Description	Au ppm_ck	Au ppm-ck2
BG10-56	340.00	341.00	B45097	1.00	<.03	<0.5% mg diss py		
BG10-56	341.00	342.00	B45098	1.00	<.03	trace py		
BG10-56	342.00	343.00	B45099	1.00	<.03	trace py		
BG10-56	343.00	344.00	B45100	1.00	<.03	<1% m-cg py clots		
BG10-56	344.00	345.00	B45101	1.00	<.03	NSM		
BG10-56	345.00	346.00	B45102	1.00	<.03	2-3% m-cg py clots on chl'c frac's		
BG10-56	346.00	347.00	B45103	1.00	<.03	2-3% py mainly ass'd with ribbon cstrs at 346.4 @55dc		
BG10-56	347.00	348.00	B45104	1.00	<.03	trace py on frac's		
BG10-58	8.65	9.20	B25271	0.55	<.03	BC+GC but looks like bedrock; 0.1m med gy qv@55 w 10% cse d p		
BG10-58	9.20	10.30	B25272	1.10	<.03	1/2" q-ank vn@23 w 5% f d py imm foll by 0.05m sil amorphous zone; 1/4" q-ank-carb vn@17 w 7% cse d py		
BG10-58	10.30	11.45	B25273	1.15	<.03			
BG10-58	13.20	14.20	B25274	1.00	<.03	ct; slips		
BG10-58	22.50	23.20	B25275	0.70	<.03	ct; 3-4% cse d +bleb py locy conc assd w chl@5		
BG10-58	27.00	27.65	B25276	0.65	<.03	3/4" chl-ser flt's at each end of wy bl'd, shr'd chl diorite (no py); imm foll by 0.1m 10% leuco+ 5-7% f d py in c ser shr'd 1/2" zones		
BG10-58	27.65	29.00	B25277	1.35	0.206	1/2" q-ank pa pur vn@80 w 8% cse d py in 1		
BG10-58	35.65	36.25	B25278	0.60	<.03	at least 1/8" clay gouge in flt imm prec by 3/4" q-ank vn@60; another tight chl flt@36 w slicks@		
BG10-58	42.90	43.85	B25279	0.95	<.03	0.1m wy bl'd@47-no py		
BG10-58	46.50	47.60	B25280	1.10	<.03	ct		
BG10-58	47.60	48.30	B25281	0.70	<.03	1.5" 60% cse py vn's in q-ank@71 in 0.2m 20% leuco; 1/4" wt q-ank bullish@6		
BG10-58	48.30	48.90	B25282	0.60	<.03			
BG10-58	48.90	49.75	B25283	0.85	0.411	2* 0.1m q-ank-carb w 6% cse d py@4		
BG10-58	49.75	50.55	B25284	0.80	<.03			
BG10-58	63.05	63.80	B25285	0.75	<.03			
BG10-58	63.80	65.30	B25286	1.50	<.03	1/2" q-ank vn@5-20 bull x-cuts 1/2" 50% cse py vn@150; 5-10% e		
BG10-58	67.05	67.80	B25287	0.75	<.03	1/4"+1" q-ank vn's w 50-70% cse py @20+6		
BG10-58	71.35	72.20	B25288	0.85	<.03			
BG10-58	72.20	72.70	B25289	0.50	0.891	0.2m bl'd buff w 3% cse d py imm foll by rest w 15-20% cse d py@76 assd w ser-chl-q-ank; well min'd		
BG10-58	72.70	73.30	B25290	0.60	1.406	0.1m either end of 15-20% cse+f d py@76 assd w buff bl'd ser-chl-q-ank- well min'd; the rest-shr'd; 10% leuc 5-10% cse d py	1.440	1.371
BG10-58	73.30	73.90	B25291	0.60	0.891	1.5" 85% cse py vn@72 imm foll by 1/8" shim chl-q-ank (flt); 1/2" ser-chl zone w 10% cse d py@47@end		
BG10-58	73.90	74.65	B25292	0.75	0.480	0.1m bl'd w 1/4" 60% cse py vn@53-otherwise fres		
BG10-58	74.65	75.50	B25293	0.85	0.549	10% q-ank; fresh; dk pu		
BG10-58	75.50	76.65	B25294	1.15	1.097	all ser-chl shr brought in by 0.05m 80% cse py vn@64; all bl'd buff; 30-50% cse d py throughout; becomes for last 0.2m-med pur-gy ending on 1" 70% cse py vn@74	1.029	1.166
BG10-58	76.65	77.10	B25296	0.45	0.411	1/4" 50% cse py vn@54 in 3/4" bl'd; 1/4"q-ank vn@71 w 10% cse d p		
BG10-58	77.10	78.00	B25297	0.90	2.194	0.15m 50% cse d +5%f d py in 25% leuco@61 imm prec by tight flt-all bl'd; otherwise 4% cse d py locy cor assd w q-ank @65	2.126	2.263
BG10-58	78.00	79.00	B25298	1.00	0.411	0.1m 15% leuco w 5% cse d py@64 centred on 3/4"q-ank-wy bl'd; 0.1m bl'd zone w 20% leuco+20% cse py@58		
BG10-58	79.00	80.30	B25299	1.30	<.03			
BG10-58	80.30	81.50	B26464	1.20	2.126		1.920	2.331

Hole_ID	From	To	Sample_#	Length	Au ppm	Description	Au ppm_ck	Au ppm-ck2
BG10-58	81.50	82.25	B25300	0.75	0.686	5-6% cse d py assd w 10% q-ank+15% leuc		
BG10-58	82.25	83.05	B26465	0.80	0.137			
BG10-58	83.05	83.80	B26466	0.75	0.274			
BG10-58	83.80	84.30	B25301	0.50	1.234	0.05m 10% leuco w 10% cse d py	1.303	1.166
BG10-58	84.30	85.80	B26467	1.50	0.549			
BG10-58	85.80	87.00	B26468	1.20	0.069			
BG10-58	87.00	87.75	B25302	0.75	<.03			
BG10-58	87.75	88.25	B25303	0.50	3.223	0.2m hem'd brick red (kspar?) +10% med-dk gy sil-chl@54 w imm foll by 0.1m of 10% cse d py+20% leuc imm foll by 0.05m 90% cse py vn@85, then fresh	3.154	3.291
BG10-58	88.25	89.45	B25304	1.20	1.269	1/2" 70% cse py vn@55; 0.4m 20% leuco centred on 1" 60% cse py vn@22 w 5% epi+wy b	1.166	1.371
BG10-58	89.45	90.50	B25306	1.05	<.03			
BG10-58	90.50	91.60	B25307	1.10	0.069	1/2" 10% cse+f d py@22; imm foll by 0.15m 20% leuco+wy shr'd+wy bl		
BG10-58	91.60	93.00	B25308	1.40	1.303	5* 1/4"-1/2" vn's of 10% cse d py@36+5(	1.371	1.234
BG10-58	93.00	94.50	B25309	1.50	0.960	0.2m 20% leuco w 10% f d py+3% cse d py@68; 1" 50% cse d py+10% epi+5% q-ank-carb looks lik selvage@72		
BG10-58	**94.50**	**95.05**	**B25310**	0.55	**10.320**	**20% leuco; bl'd to buff; 10%f+10%cse d py; @74**	**10.149**	**10.492**
BG10-58	95.05	95.80	B25311	0.75	<.03			
BG10-58	95.80	97.00	B26469	1.20	1.989		2.057	1.920
BG10-58	97.00	97.75	B25312	0.75	1.166	0.1m+1" 20% cse d py zones@55+36 assd w q-ank+15% leuc	1.234	1.097
BG10-58	97.75	99.00	B26470	1.25	0.030			
BG10-58	99.00	99.75	B25313	0.75	3.154	1" cherty med-dk gy sil w 3-5% cse d py imm foll by 0.05m 25%cse+f d py-all@5	3.429	2.880
BG10-58	99.75	100.70	B25314	0.95	0.891	0.1m of 10% cse+f d py centred on 1/8" q-ank vn@67; 0.05m q-ank vn bullis		
BG10-58	100.70	101.70	B25315	1.00	1.200	0.2m 5% f d py@35 centred on 1/4" dk gy sil-ch	1.097	1.303
BG10-58	101.70	102.45	B25316	0.75	2.743	0.1m 15% cse d py w 20% dk gy q frag's @62; bl'd w	2.811	2.674
BG10-58	**102.45**	**103.50**	**B25317**	1.05	**5.280**	**20% cse d py@75 assd w 1/8" q-ank vn**	**5.074**	**5.486**
BG10-58	103.50	104.65	B25318	1.15	2.914	wy locy hem'd; 3% cse d py	2.880	2.949
BG10-58	104.65	106.15	B25319	1.50	0.891	mottled; 5% q-ank; locy 5% cse d py-overall 2		
BG10-58	106.15	106.75	B25320	0.60	1.646	0.1m dk gy qv w 10-15% f+cse d py+5% cp+ 5% gy moly-like (spec hem?); well min'd; @71; in wy b	1.714	1.577
BG10-58	106.75	107.75	B25321	1.00	1.886	wy bl'd locy w 5% cse-f d py assd w 5% q-ank-otherwise 2% cse d p	1.783	1.989
BG10-58	**107.75**	**108.55**	**B25322**	0.80	**6.309**	**wy bl'd locy w 5% cse-f d py assd w 5% q-ank-otherwise 2% cse d py**	**5.760**	**6.857**
BG10-58	**108.55**	**109.45**	**B25323**	0.90	**8.160**	**fresh dk pur-gy ends on 0.1m hily bl'd bx w 5% cse d py assd w 1/4" q-ank vn@4**	**8.229**	**8.091**
BG10-58	**109.45**	**110.40**	**B25324**	0.95	**3.806**	**wy hem'd locy; 3% cse d py**	**3.977**	**3.634**
BG10-58	**110.40**	**111.35**	**B25325**	0.95	**6.651**	**inc'g hem'n w 5% chl-sil dk gy+10% cse d py @7**	**6.857**	**6.446**
BG10-58	**111.35**	**112.10**	**B25326**	0.75	**6.000**	**hily hem'd w 15% dk gy chl-sil+ w 15-20% cse d py-locy in 1/2" bands of 50%@75 assd w q-ank-pos Main Zone**	**6.103**	**5.897**
BG10-58	112.10	112.85	B25328	0.75	2.229	0.2m hem'd; 15% leuco; 5% cse d py	2.126	2.331
BG10-58	112.85	113.75	B25329	0.90	0.823	15% leuco; fresher		
BG10-58	113.75	114.70	B25330	0.95	0.960	15% leuco; fresher; 3/4" hem'd @5		
BG10-58	114.70	115.50	B25331	0.80	2.263	hily hem'd w 0.2m dk gy chl-sil (looks almost like qv)+ w 15-20% cse d py@75 assd w 5%q-ank-posy Main Zone	2.126	2.400
BG10-58	115.50	116.30	B25332	0.80	0.069	magn vn's to 1/4"; fresher; 5% q-anl		
BG10-58	116.30	117.00	B25333	0.70	2.160	0.15m sil'd w 10% -15% cse d py@58-mauve imm foll by bl'd w 3-5% f d p	1.989	2.331

Hole_ID	From	To	Sample_#	Length	Au ppm	Description	Au ppm_ck	Au ppm-ck2
BG10-58	117.00	117.65	B25335	0.65	0.343	1" q-ank vn on fract@15 w 2-3% cp blebs		
BG10-58	**117.65**	**118.75**	**B25334**	1.10	**7.406**	**intense bl'g buff w 15-20% f+cse d py-@54; brought in w 0.1m 30% f d py w 10% dk gy sil-chl str's (qv's); 2% cp assd w wt q-ank vn@30**	**7.269**	**7.543**
BG10-58	**118.75**	**119.30**	**B25336**	0.55	**9.600**	**as above but w 6-8% cp blebs (all assd w q-ank 1/8"-1/4" str's@39 (w py bands@68 cut by q-ank)-on 1/4"*1" cp bleb**	**9.463**	**9.737**
BG10-58	119.30	120.40	B25338	1.10	2.743	same as 117.65-118.75 but 10% cse+f d py+ rare cp only; 2% q-ar	2.606	2.880
BG10-58	120.40	121.05	B25339	0.65	1.886	same as 117.65-118.75 + no cp; ends abruptly on chl-q-ank shr w chl flt@121.0-121.05 w str slicks+ disc 1/4 90% py vn; flt imm prec by 0.1m q-ank bx n w 5% v f d py in chl	1.851	1.920
BG10-58	121.05	121.65	B25340	0.60	0.137	0.3m shr; imm foll flt is 1" 30% cse+15% f d py band in hily bl'd-then 3% cse d py in 30% q-ank frag's+ chl+ 1/8" spec hem vn		
BG10-58	121.65	122.40	B25341	0.75	<.03	fresh; initially 10% leuc		
BG10-58	122.40	123.60	B25342	1.20	<.03	fresh; ends on 1" q-ank str's w 10% f d py@2		
BG10-58	123.60	124.80	B25343	1.20	<.03	fresh; starts on 1" q-ank str's w 10% f d py@2		
BG10-58	124.80	125.40	B25344	0.60	1.989	60% mody hem'd; 10-15% cse d py; @7	2.126	1.851
BG10-58	125.40	126.50	B25345	1.10	2.057	0.2m hem'd w 15% cse+f d py assd w 5% chl-sil vn's@5	1.920	2.194
BG10-58	126.50	127.30	B25346	0.80	<.03			
BG10-58	127.30	128.80	B25347	1.50	<.03			
BG10-58	128.80	129.70	B25348	0.90	<.03			
BG10-58	**129.70**	**130.95**	**B25349**	1.25	**3.669**	**50% wy-mody hem'd w 5% cse d py; 10% leuco; ; 5% epi**	**3.840**	**3.497**
BG10-58	**130.95**	**131.70**	**B25350**	0.75	**7.646**	**60% mody hem'd; 10-15% cse d py assd w 2* 1/4" chl-sil vn's@38+5**	**8.503**	**6.789**
BG10-58	131.70	132.35	B25351	0.65	0.137	fresh; 10% epi		
BG10-59	8.55	9.15	B25149	0.60	<.03	3/4" q-ank vn@35 is vuggy w 5% spec hem+10% epi; bl'		
BG10-59	9.15	9.90	B25150	0.75	<.03	spec-chl@30		
BG10-59	9.90	10.40	B25151	0.50	<.03	1/4"-1/2" 60% cse d py assd w 1/8"q-ank vn@6		
BG10-59	10.40	11.60	B25152	1.20	<.03	0.15m q-ank vn's@30 w 5% f d py; 10% leucoxen		
BG10-59	11.60	12.20	B25153	0.60	<.03	10% cse d py assd w 1/4"w q-ank-chl vn@6		
BG10-59	12.20	13.15	B25154	0.95	<.03			
BG10-59	13.15	14.00	B25155	0.85	<.03	3-5% cse d py in pa-med gy q-ank-chl-sil undulatory@0-30 over 0.3m; flt @ ct-ct in B		
BG10-59	14.00	14.75	B25156	0.75	<.03			
BG10-59	16.60	17.35	B25157	0.75	<.03	bl'd locy assd w epi-ser on q-ank@70-9		
BG10-59	21.10	21.75	B25158	0.65	<.03	ct		
BG10-59	25.65	26.75	B25159	1.10	0.069			
BG10-59	26.75	27.40	B25160	0.65	1.029	5% cse d py; 15% leuco; 1/2" 70% cse d py vn@75 assd w 1/8" q-ank-spec v	1.097	0.960
BG10-59	27.40	28.35	B25161	0.95	0.069			
BG10-59	32.90	34.20	B25162	1.30	0.274	8% cse d py assd w 1/2" q-ank vn@18; wy bl'd; 10% leuco; 15-20% cse d py assd w q-ank stockwork ov 0.2m @35 assd w ser'n		
BG10-59	34.20	35.15	B25163	0.95	0.206	5% cse d py locy conc on q-ank@25+8		
BG10-59	35.15	36.05	B25164	0.90	1.166	1/8" chl annealed flt@30 imm foll by 1" q-ank-sil w 10% f d py imm foll by 0.1m 5% leuco imm foll by 0.3m d wt q-ank-sil vn@57 w 1/4" cse py vn's-15% cse+f d+vn py	1.234	1.097
BG10-59	36.05	36.85	B25166	0.80	<.03	1% cse d py; freshening		
BG10-59	42.35	43.50	B25167	1.15	<.03	dyke		
BG10-59	43.50	45.00	B25483	1.50	0.274			
BG10-59	45.00	46.50	B25484	1.50	0.891			

Hole_ID	From	To	Sample_#	Length	Au ppm	Description	Au ppm_ck	Au ppm-ck2
BG10-59	46.50	48.00	B25485	1.50	<.03			
BG10-59	48.00	49.50	B25486	1.50	0.411			
BG10-59	49.50	50.60	B25487	1.10	0.274			
BG10-59	50.60	51.40	B25168	0.80	1.920	10-20% f d py over 0.1m q-ank-ser zone@64- highly bl'd; 0.05m q-ank zone @65 w 10% cse d p	2.057	1.783
BG10-59	51.40	52.40	B25169	1.00	1.371	0.2m bl'd q-ank-ser w 5% f+10% cse d py@7(	1.234	1.509
BG10-59	52.40	53.55	B25170	1.15	1.611	10% bl'd assd w q-ank@7	1.646	1.577
BG10-59	53.55	54.15	B25171	0.60	0.549	0.1m bullish q-ank wt vn@62 but w 3% cse d p		
BG10-59	**54.15**	**55.15**	**B25172**	1.00	**3.703**	**5-5% cse d py in well-fol'd w 20% leuco; shr'd highly; 3/4" cherty vn@52 is pa gy-br w 3% cse d py**	**3.634**	**3.771**
BG10-59	55.15	56.00	B25173	0.85	0.823	mottled; 2% cse d p		
BG10-59	**56.00**	**56.85**	**B25174**	0.85	**3.326**	**1" bull q-ank vn@53 posy on washed out flt imm foll by 1" 20% cse d py; ct imm prec by 0.3m ser-q ank shr w 0.05m of 90% cse py@60+ w 5%f+20% cse d py assd w mauve sil-q-ank-ser**	**3.429**	**3.223**
BG10-59	56.85	57.95	B25175	1.10	0.411	locy hem@68; 1% cse d py assd w chl fract's@65+(		
BG10-59	57.95	59.00	B25176	1.05	0.549	0.2m hem'd w 1/8" disc 50% cse py vn@60; 0.1m myl imm prec by 1/8" ann chl gouge flt- intense b		
BG10-59	59.00	60.35	B25177	1.35	1.029	locy hem'd@60 w 2-3% f+cse d p	1.097	0.960
BG10-59	60.35	61.45	B25178	1.10	0.480	5% cse d py assd w hem'n@60; 1/8" chl slip (flt?) imm foll by 0.1m pk carb vn@5		
BG10-59	61.45	62.10	B25179	0.65	0.617	slip		
BG10-59	62.10	64.00	B25488	1.90	0.206			
BG10-59	64.00	64.70	B25180	0.70	1.097	0.3m brick red hem'd w 0.05m stockwork chl-sil vn's (almost qtz) dk gy @55 w 3-5% cse+f d p	1.166	1.029
BG10-59	64.70	66.10	B25489	1.40	0.411			
BG10-59	66.10	67.75	B25490	1.65	0.411			
BG10-59	67.75	69.40	B25491	1.65	0.891			
BG10-59	69.40	71.00	B25492	1.60	0.754			
BG10-59	71.00	72.00	B25181	1.00	1.371	5% chl fract's w 70% cse py assd to 1/4" @40+75; 8-10% cse d py overall; hem'd mo(	1.577	1.166
BG10-59	72.00	72.80	B25493	0.80	0.823			
BG10-59	72.80	73.65	B25494	0.85	1.269		1.234	1.303
BG10-59	73.65	74.80	B25495	1.15	0.343			
BG10-59	74.80	75.40	B25182	0.60	0.891			
BG10-59	75.40	75.90	B25183	0.50	0.823	0.1m ser-chl shr @75 w 5% f d py imm prec by 1/8" slip/fl		
BG10-59	75.90	76.90	B25184	1.00	1.474		1.371	1.577
BG10-59	76.90	77.40	B25185	0.50	1.131	5% leuco; fresh	1.166	1.097
BG10-59	**77.40**	**78.00**	**B25186**	0.60	**4.011**	**1" dk gy chl-sil vn w 10% f+10% cse d py@67 imm prec by 1/2" bu;ll q-ank vn-in 0.3m buff-br q-ank-se zone w same py+hem'd brick red frag's**	**3.977**	**4.046**
BG10-59	78.00	78.70	B25187	0.70	2.331	10% leuco; fresh	2.263	2.400
BG10-59	**78.70**	**79.20**	**B25188**	0.50	**7.886**	**1" 75% cse py vn imm foll by 1" hem-br zone (+imm prec by 0.05m same) w 5% f+20% cse d py, imn foll by 0.15m dark gy qv-chl-sil vn w 35-50% cse d py imm foll by dk gy chl-sil w 30-50% cse d py (0.05m into next sample)-all@50**	**8.023**	**7.749**
BG10-59	**79.20**	**79.80**	**B25189**	0.60	**8.400**	**0.2m dk gy qv w chl-sil @53 is Main Vein-well min'd (best in hole) w 40% cse d + vn py- grades intc 0.15m chl-sil dk gy w 20-25% cse d py**	**8.434**	**8.366**
BG10-59	**79.80**	**80.35**	**B25191**	0.55	**8.880**	**15-20% leuco; 1/2" dk gy sil-chl vn@55 w 10% cse+f d py; 1/4" 60% cse py vn on tight flt@50 w slicks**	**8.846**	**8.914**
BG10-59	80.35	81.30	B25192	0.95	0.137	5% cse d py; fresh otherwis		
BG10-59	81.30	82.40	B25496	1.10	<.03			
BG10-59	82.40	84.00	B25497	1.60	0.206			
BG10-59	84.00	85.80	B25498	1.80	<.03			

Hole_ID	From	To	Sample_#	Length	Au ppm	Description	Au ppm_ck	Au ppm-ck2
BG10-59	85.80	86.40	B25193	0.60	0.549	20% epi locy conc assd w 20% q-ank w 3-5% cse d py; 1/4"-1/2" 50% f+cse py vn within epi-q-ank@(		
BG10-59	86.40	87.60	B25499	1.20	0.137			
BG10-59	87.60	88.35	B25500	0.75	<.03			
BG10-59	88.35	89.25	B25194	0.90	0.069	3* 1/8" cse 70% py vn's assd w chl-q-ank-epi@63+7(		
BG10-59	91.30	92.20	B25195	0.90	<.03	ct; 5% cse d py		
BG10-59	94.65	95.25	B25196	0.60	<.03	flt w 1/8" gouge imm foll by 1" chl shr w 5% f d py@3:		
BG10-59	110.40	111.00	B25197	0.60	0.137	0.1m brick red hem'd w 2% cse d py+ 1/2"-3/4" dk gy chl-sil vn@45 w 2%f+8% cse d py; hem'n @4		
BG10-59	114.65	115.40	B25198	0.75	0.206	wy bl'd w 5% cse d py		
BG10-59	115.40	116.40	B25199	1.00	<.03			
BG10-59	116.40	117.25	B25200	0.85	0.823	all bl'd buff-br w 2%f+3% cse d py + w 4* /4"-1/2" chl-sil vn's@59 w 5-10% cse d p		
BG10-59	117.25	118.25	B25201	1.00	<.03	1/2" sil-chl vn in 0.1m bl'd olive zone@60 w 3% cse d p		
BG10-59	118.25	119.00	B25202	0.75	<.03	wy bl'd locy assd w 1/8" chl slip imm prec by 1/2" q-ank vn@71+ 1/8" chl gouge flt @6		
BG10-60	4.40	5.30	B26706	0.90	<.03	1/8"+1/2" 20% cse py vn's in q-ank@67+5(		
BG10-60	5.30	6.35	B26707	1.05	<.03			
BG10-60	6.35	7.50	B26708	1.15	<.03	5% q-ank-carb vn's to 1" w 5% leuco+ rare py@3		
BG10-60	7.50	8.90	B26709	1.40	<.03	5% q-ank-carb vn's to 1" w 5% leuco+ rare py@30; locy ser-e		
BG10-60	8.90	9.85	B26710	0.95	<.03			
BG10-60	9.85	11.40	B26711	1.55	<.03	50% w 15% leuco assd w 5% q-ank@18-3		
BG10-60	11.40	12.75	B26712	1.35	<.03	90% w 15% leuco assd w 5% q-ank@18-3		
BG10-60	12.75	13.95	B26713	1.20	<.03	90% w 15% leuco assd w 20% q-ank@18-38; slip imm prec by 1/4" chl-ser-spec vn w 5% f d py@2		
BG10-60	13.95	14.70	B26714	0.75	<.03	90% w 15% leuco assd w 60% q-ank@18-38; rare p		
BG10-60	14.70	15.30	B26715	0.60	<.03	90% w 15% leuco assd w 60% q-ank@18-38; slip @15 imm prec by 1" ser-chl-ank shr w 10% f d p		
BG10-60	15.30	16.60	B26716	1.30	<.03	bl'd med-pa khacki gn; locy conc 3% cse d p		
BG10-60	16.60	18.00	B26717	1.40	<.03	first 0.3m bl'd med-pa khacki gn w 5% cse+f d py; then bl'd w 15% chl fract's through wt-pa gy q-ank-carb-feld		
BG10-60	18.00	19.45	B26718	1.45	<.03	bl'd w 15% chl fract's through wt-pa gy q-ank-carb-feld; 4% cse d + bleb py locy cor		
BG10-60	19.45	20.30	B26719	0.85	<.03	90% w 15% leuco assd w 3/4" q-ank vn@26 w 5% cse d py; rare p		
BG10-60	20.30	21.20	B26720	0.90	<.03	1/2" q-ank vn@40 w 2% cse d py		
BG10-60	21.20	22.80	B26721	1.60	<.03			
BG10-60	22.80	24.30	B26722	1.50	<.03			
BG10-60	24.30	25.70	B26723	1.40	<.03	50% w 15% leuco assd w 5% q-ank@18-38 w 3% cse d py in B(		
BG10-60	25.70	27.00	B26724	1.30	<.03	10% leuco		
BG10-60	27.00	27.95	B26725	0.95	0.480	10% leuco		
BG10-60	27.95	28.50	B26726	0.55	<.03	1" q-ank vn@25 w rare py		
BG10-60	28.50	30.00	B26727	1.50	<.03	5% q-ank		
BG10-60	30.00	31.50	B26728	1.50	<.03	0.15m bullish q-ank vn@4(		
BG10-60	31.50	33.00	B26729	1.50	<.03	BC; 10% q-ank vn's bullish		
BG10-60	33.00	34.40	B26730	1.40	<.03			
BG10-60	34.40	35.00	B26731	0.60	<.03	5% q-ank		
BG10-60	**35.00**	**35.90**	**B26732**	0.90	**9.292**	**well min'd mauve-pa gy 11 vein w 0.25m+ 0.05m of 20% cse d py centred on chl-gph flt+ 3/4" vn w 5-8% f d py-all@47; 5% chl-sil to 1/8"**	**9.120**	**9.463**
BG10-60	35.90	37.10	B26734	1.20	2.640	1/2"+0.05m+ 0.1m as above @52-62 w 50% cse py vn'	3.154	2.126
BG10-60	37.10	38.25	B26735	1.15	<.03			
BG10-60	38.25	39.00	B26737	0.75	<.03			
BG10-60	39.00	39.90	B26738	0.90	0.069	1/8" 40% cse py vn @51 assd w 0.05m q-ank-carl		

Hole_ID	From	To	Sample_#	Length	Au ppm	Description	Au ppm_ck	Au ppm-ck2
BG10-60	39.90	40.75	B26739	0.85	<.03	70% w 15% leuco assd w20% q-ank@12-42 w 5% cse d py locy conc; 1/4" ser-chl-ank contorted along q-ar @12		
BG10-60	40.75	41.75	B26740	1.00	3.429	50% w 10% leuco assd w 40% bullish wt q-ank@12 w rare cse d p	3.497	3.360
BG10-60	41.75	42.60	B26741	0.85	<.03	20% w 10% leuco assd w 40% bullish wt q-ank@12 w 1% cse d py; magı		
BG10-60	42.60	43.60	B26742	1.00	<.03	20% w 10% leuco assd w 20% bullish wt q-ank@12 w 1% cse d py; magı		
BG10-60	43.60	45.00	B26743	1.40	<.03	70% w 10% leuco assd w 10% bullish wt q-ank@12 w rare cse d p		
BG10-60	45.00	46.50	B26744	1.50	<.03	70% w 15% leuco assd w 20% q-ank@12-38 w 2-3% cse d py locy conc assd w q-ank-chl-ser b		
BG10-60	46.50	48.00	B26745	1.50	<.03	5% leuco; abun magr		
BG10-60	48.00	49.40	B26746	1.40	<.03			
BG10-60	49.40	50.60	B26747	1.20	<.03			
BG10-60	50.60	52.20	B26748	1.60	<.03			
BG10-60	52.20	53.25	B26749	1.05	<.03	1" q-ank pa gy w 2% cse d py@40; vugg		
BG10-60	53.25	54.70	B26750	1.45	<.03			
BG10-60	54.70	56.10	B26751	1.40	<.03			
BG10-60	56.10	57.70	B26752	1.60	<.03	slip assd w BC+ 10% epi+ 5% q-anl		
BG10-60	57.70	58.75	B26753	1.05	0.343	0.05m 50% epi+30% q-ank w 5-8% cse d py@28+ w 1/2" bleb cp; 0.15m same w 5% cse d py@36+		
BG10-60	58.75	59.60	B26754	0.85	0.137	0.1m w 20% cse d py-bl'd buff @62 assd w q-ank+ 20% leuc		
BG10-60	59.60	60.90	B26756	1.30	<.03			
BG10-60	60.90	62.10	B26757	1.20	<.03			
BG10-60	62.10	63.40	B26758	1.30	<.03			
BG10-60	63.40	64.70	B26759	1.30	<.03	0.5m 20% epi+20% q-ank w 3% cse d py+10% spec +1% cp+ 5% chl-sil@2		
BG10-60	64.70	66.00	B26760	1.30	<.03			
BG10-60	66.00	67.50	B26761	1.50	<.03			
BG10-60	67.50	68.90	B26762	1.40	<.03			
BG10-60	68.90	70.00	B26763	1.10	0.274	0.1m q-ank vn w 3% cse d py+10% epi@55; flt; 0.2m 20% q-ank w 20% cse d py assd w 30% leuco+ser@39		
BG10-60	70.00	71.40	B26764	1.40	0.069			
BG10-60	71.40	72.60	B26765	1.20	<.03	1/2" bull q-ank vn@2(		
BG10-60	72.60	74.15	B26767	1.55	<.03			
BG10-60	74.15	75.50	B26768	1.35	<.03	5-10% epi assd w 5% leuco, 1% q-ank+1% cse d py@4		
BG10-60	75.50	76.90	B26769	1.40	<.03			
BG10-60	76.90	78.30	B26770	1.40	<.03	5% epi assd w 5% leuco, 1% q-ank+ rare cse d py@49; vugg		
BG10-60	78.30	79.70	B26771	1.40	<.03	5% epi assd w 5% leuco, 1% q-ank+ rare cse d py@49; vugg		
BG10-60	79.70	81.00	B26772	1.30	<.03			
BG10-61	18.20	19.50	B26213	1.30	<.03			
BG10-61	19.50	20.60	B26214	1.10	<.03			
BG10-61	20.60	21.65	B26215	1.05	<.03	1/8" 50% cse py vn@70 brings in mottled zone-w 4% cse d py +w10% epi clo		
BG10-61	21.65	22.95	B26216	1.30	<.03			
BG10-61	22.95	24.30	B26217	1.35	<.03	2% cse d py		
BG10-61	24.30	25.40	B26218	1.10	<.03	ct; 1/8" 50% cse py vn@140 x-cuts 5% q-ank vn'		
BG10-61	25.40	26.90	B26219	1.50	1.954		1.646	2.263
BG10-61	26.90	28.20	B26220	1.30	<.03			
BG10-61	28.20	29.10	B26221	0.90	<.03	BC; bl'd locy around q-ank@30+4(		
BG10-61	29.10	30.00	B26222	0.90	<.03	ct		
BG10-61	30.00	30.95	B26223	0.95	<.03	2-3% cse d py locy conc assd w q-ank@6(		

Hole_ID	From	To	Sample_#	Length	Au ppm	Description	Au ppm_ck	Au ppm-ck2
BG10-61	30.95	32.40	B26224	1.45	<.03			
BG10-61	32.40	33.00	B26225	0.60	<.03			
BG10-61	33.00	33.70	B26226	0.70	<.03	1/4" 30% cse+10%f d py @74 as vn assd w q-ank+epi; 0.1m bull q-ank-epi vn@37 w 2% cse d		
BG10-61	33.70	34.45	B26227	0.75	<.03			
BG10-61	34.45	35.10	B26228	0.65	<.03	0.1m wt qtz-q-ank vn@72 w 10% cse d py+ 10% cp clots imm prec by 1" epi; 25% 1/4" q-ank-epi vn's@140		
BG10-61	35.10	36.00	B26230	0.90	<.03			
BG10-61	36.00	37.40	B26231	1.40	<.03			
BG10-61	37.40	39.00	B26232	1.60	<.03			
BG10-61	39.00	39.75	B26233	0.75	<.03			
BG10-61	39.75	40.45	B26234	0.70	<.03	ct; 0.05m epi-q-ank zone@50 w 1" sil'd w 5% f d py+3% cse d p		
BG10-61	40.45	41.40	B26235	0.95	0.823	3-5% f d py		
BG10-61	41.40	42.45	B26236	1.05	0.823	3-5% f d py		
BG10-61	42.45	43.50	B26237	1.05	0.617	ct; 0.05m ser-chl-q-ank-hem mottled zone @76 w 3% cse d py imm foll by 0.3m BC+GC w hem'n; then 1/4 70% cse py vn@63		
BG10-61	43.50	44.00	B26238	0.50	0.206			
BG10-61	44.00	44.95	B26239	0.95	<.03			
BG10-61	44.95	46.20	B26240	1.25	<.03	1/8" 50% cse py vn@67; hem'd slip w epi 1" ; 3/4" ser-q-ank vn w 5% cse d py@59 imm foll by 0.1m w 10 whisps of the same in stockwork+ next 0.2m w 1" same but w 5% f d py@5-10		
BG10-61	46.20	47.30	B26241	1.10	<.03	mottled; cont'd from prev sample-5% f d py in br sil'd 1" zone; 5-10% epi; 3% q-ank; flt-no affect on wallrock		
BG10-61	47.30	47.90	B26242	0.60	<.03	hem'd fract's @5-20		
BG10-61	47.90	48.80	B26243	0.90	<.03	0.2m BC w 20% epi w 5% cse d py+ 1/8" 50% cse py vn@6		
BG10-61	48.80	49.50	B26244	0.70	<.03			
BG10-61	51.00	51.70	B26245	0.70	<.03	opening imm foll by 1/4" 20% cse py vn@4		
BG10-61	51.70	53.10	B26247	1.40	<.03			
BG10-61	53.10	54.50	B26248	1.40	<.03	3% q-ank-carb vn's to 1/4'		
BG10-61	54.50	55.85	B26249	1.35	<.03	2% cse d py assd w q-ank vn's to 3/4		
BG10-61	55.85	56.80	B26250	0.95	<.03			
BG10-61	56.80	57.80	B26251	1.00	1.543	0.1m hem'd stry tobrick red w 30% cse py vn's+ d @6	1.577	1.509
BG10-61	57.80	59.10	B26253	1.30	0.960	1/8" 50% cse py vn@75		
BG10-61	59.10	60.55	B26254	1.45	0.274	2-3% cse d py		
BG10-61	60.55	61.95	B26255	1.40	0.480	2% cse d py		
BG10-61	61.95	63.30	B26256	1.35	0.480			
BG10-61	63.30	64.65	B26257	1.35	0.617			
BG10-61	64.65	65.95	B26258	1.30	0.069			
BG10-61	65.95	67.25	B26259	1.30	0.274	0.1m of 10% cse d py assd w q-ank +ep		
BG10-61	67.25	68.70	B26260	1.45	0.480	5% epi@60		
BG10-61	68.70	69.60	B26261	0.90	0.274	1/8"-1/4" 70% cse py vn@42 assd w ser+ chl over 0.05r		
BG10-61	69.60	71.00	B26262	1.40	0.686	BC; mottled; 15% epi; hem'd fract's; 1/4" q-ank vn@2		
BG10-61	71.00	71.90	B26263	0.90	1.474	mottled; 15% epi; hem'd fract's; 30%q-ank vn's to 0.15m @55 w 10-15% cse d py locy conc+ rare cp; hem mody locy; locy ser-chl (shr?); ends @1/2" 50% cse py vn@72 in BC-flt?	1.440	1.509
BG10-61	71.90	72.75	B26265	0.85	<.03	fresh quickly		
BG10-61	72.75	73.45	B26266	0.70	0.069	3* 1/8"-1/4" 70% cse py vn's@5		
BG10-61	73.45	75.00	B26267	1.55	0.274	sil'd locy w 2% cse d py assd w q-ank @2		

Hole_ID	From	To	Sample_#	Length	Au ppm	Description	Au ppm_ck	Au ppm-ck2
BG10-61	75.00	76.05	B26268	1.05	<.03			
BG10-61	76.05	77.30	B26269	1.25	<.03			
BG10-61	77.30	78.50	B26270	1.20	<.03			
BG10-61	78.50	79.70	B26271	1.20	0.274			
BG10-61	79.70	80.25	B26272	0.55	<.03			
BG10-61	80.25	81.00	B26273	0.75	0.274	0.1m 60% cse py vn assd w q-ank@67 imm foll by 0.2m fresh-was stuck in core barrel when hole was sh down		
BG10-62	33.00	35.00	B26359	2.00	0.137	RQD=40; blocky grnd; <1% diss py		
BG10-62	35.00	36.50	B26360	1.50	0.274	5% white carb veining; <1% py in rare fractures; leuc flecs modera		
BG10-62	36.50	37.72	B26361	1.22	<.03	15% carb+calcite veining; RQD=50%; <1% py		
BG10-62	37.72	39.00	B26362	1.28	<.03	QFP dk chl in frac's; 5% qv+calcite		
BG10-62	39.00	39.70	B26363	0.70	0.069	70 cm weak carb hydrothermal bx; 35%calcite + car		
BG10-62	39.70	40.55	B26364	0.85	0.069	weak luec flecs; weak frac/fol; 1-2 % py in frac's and dis		
BG10-62	40.55	41.10	B26365	0.55	0.069	40.87 to 40.92 m weak flt healed with carb+py+chl at 70 deg TCA; overall 1-3% diss py weak leuc fle		
BG10-62	41.10	42.10	B26367	1.00	0.069	occasional <0.25 cm frac's with carb+py; 1-3% py overa		
BG10-62	42.10	43.10	B26368	1.00	<.03	rare <0.5 cm frac's with carb+ py; 1-2% py overa		
BG10-62	43.10	44.10	B26369	1.00	0.549	strong py in <0.3 cm fractures at 43.9 m with epi margins; overall 1-2% p		
BG10-62	44.10	45.25	B26370	1.15	<.03	at 44.4 m 5 cm wide qtz+calcite+carb vein, chl+epi margins at 40 -45 deg TCA; 45.2 <0.25 cm frac with py		
BG10-62	45.25	46.50	B26371	1.25	<.03	weak frac'ing to contact; <1% py		
BG10-62	50.90	52.00	B26372	1.10	<.03	two parallel <1 cm wide carb+qtz+chl veins at 5 deg TCA; no visible p		
BG10-62	52.00	52.87	B26373	0.87	<.03	no py		
BG10-62	52.87	54.00	B26374	1.13	<.03	strong carb alt'n; hairline fractures with overall 1-2% py anhedral in frac's; 5-7% narrow qtz+carb ve		
BG10-62	54.00	54.90	B26375	0.90	0.754	coarse grained diorite with 10% carb veinin		
BG10-62	54.90	56.10	B26376	1.20	0.069	as above with weak leuc flecs; 1-2 % py in veinir		
BG10-62	56.10	57.00	B26378	0.90	<.03	56.7 to 56.8m carb+chl zone in fracture section at 80 deg TCA; <1% p		
BG10-62	57.00	58.00	B26379	1.00	0.137	<1% diss perv py; <5% carb veinin		
BG10-62	58.00	58.50	B26380	0.50	0.206	58.33 to 58.4 m carb+graphite+py at 80 deg TCA		
BG10-62	58.50	59.15	B26381	0.65	0.137	<1% diss py		
BG10-62	59.15	60.50	B26382	1.35	0.480	weak leuc flecs at margins of carb veins ; 1-2% py; at 60.3m approx 3 cm carb+qtz vein probable flt healed		
BG10-62	60.50	61.20	B26383	0.70	1.13	61.05m, two parallel 0.1 cm py veins with epi margins+ car	1.234	1.029
BG10-62	61.20	62.70	B26384	1.50	<.03	5% carb+epi veins		
BG10-62	62.70	63.50	B26385	0.80	<.03	at 63.2 m <0.25 cm dk grey qtz vein with py and epi at margir		
BG10-62	63.50	65.00	B26386	1.50	<.03	negligible py; epi in frac's		
BG10-62	65.00	66.00	B26387	1.00	<.03	as above		
BG10-62	66.00	66.70	B26388	0.70	0.343	***66.04 to 66.1m 65% py with med brown feldpsar vein at 80 deg TCA; 1 cm wide qtz+calcite vein at 66 .4m at 30 deg TCA***		
BG10-62	66.70	67.70	B26390	1.00	0.411	5-10% qtz + caclite veining; 3-5% py in frac's		
BG10-62	67.70	68.30	B26391	0.60	0.206	3-5% py in narrow frac's		
BG10-62	68.30	69.20	B26392	0.90	0.411	weak leuc flecs with 5% carb veinin		
BG10-62	69.20	70.50	B26393	1.30	0.480	5% carb + epi veining; flt from 70 to 70.4 at 5 deg TCA		
BG10-62	70.50	72.00	B26394	1.50	0.069	5% qtz+carb veining predom <0.1cm wid		
BG10-62	72.00	73.10	B26396	1.10	0.960	***7-10% py in numerous hairline frac's; matrix is hard; strong perv carb; 10% narrow carb veining; weal leuc flecs***		

Hole_ID	From	To	Sample_#	Length	Au ppm	Description	Au ppm_ck	Au ppm-ck2
BG10-62	73.10	73.88	B26397	0.78	<.03	***73.6 to 73.88 80% qtz+calcite veining with splashes of cpy+minor bornite (after sample open stope)***		
BG10-62	75.00	75.60	B26398	0.60	<.03	***prior to sample open stope; 50% qtz+calcite veins with splashes of cpy+bornit***		
BG10-62	75.60	76.70	B26399	1.10	1.13	qtz+calcite vein at 0 deg TCA with cp	1.097	1.166
BG10-62	76.70	77.40	B26400	0.70	<.03	77.1 to 77.2 m qtz veining with epi and splashes of copy + possible v.g. within cpy (brassy looking w striations)		
BG10-62	77.40	78.10	B26702	0.70	0.274	fractures healed with epi and calcite; <1% py on slip		
BG10-62	78.10	78.90	B26703	0.80	1.17	***78.2 to 78.9 m overall 8-10% py in fractures especially at 78.2m a 2.5 cm wide 80% py vein at 90 de TCA***	1.097	1.234
BG10-62	78.90	80.00	B26704	1.10	<.03	5-10% qtz+epi veining; negligible p		
BG10-62	80.00	81.00	B26705	1.00	<.03	as above <0.1 cm py fracture; 80.3m 1.2 cm wide vein with negl		
BG10-63	10.15	10.85	B26140	0.70	0.069	10-15% leuco; 5-8% cse d p		
BG10-63	10.85	11.70	B26141	0.85	0.069	10-15% leuco; 2-3% cse d p		
BG10-63	11.70	13.30	B26142	1.60	0.069	3% cse d py assd w chl fract's@30+6(		
BG10-63	13.30	13.95	B26143	0.65	0.069	0.3m 20% leuco w 10-15% cse d py@3		
BG10-63	13.95	15.00	B26144	1.05	<.03			
BG10-63	15.00	16.50	B26145	1.50	<.03			
BG10-63	16.50	17.90	B26146	1.40	<.03			
BG10-63	17.90	18.95	B26147	1.05	<.03			
BG10-63	18.95	19.90	B26148	0.95	0.069	10% epi; 1/8" chl-sil vn@17 w 5% cse d p		
BG10-63	19.90	21.30	B26149	1.40	<.03			
BG10-63	21.30	22.80	B26150	1.50	<.03	5% q-ank to 0.05m@5		
BG10-63	22.80	24.30	B26151	1.50	<.03			
BG10-63	24.30	25.65	B26152	1.35	0.069			
BG10-63	25.65	27.00	B26153	1.35	0.069			
BG10-63	27.00	28.40	B26154	1.40	<.03			
BG10-63	28.40	29.90	B26155	1.50	<.03			
BG10-63	29.90	31.30	B26156	1.40	<.03			
BG10-63	31.30	32.70	B26157	1.40	<.03			
BG10-63	32.70	33.40	B26158	0.70	0.137	32.75-32.95-20%epi w 8% cse d py assd w q-ank@2		
BG10-63	33.40	34.35	B26159	0.95	0.069	70% 20%epi w 25% cse d py assd w q-ank@27 folding back to 11		
BG10-63	34.35	35.00	B26161	0.65	0.069	dk gy		
BG10-63	35.00	35.50	B26162	0.50	2.297	70% 20%epi w 3% cse d py assd w q-ank@3	2.194	2.400
BG10-63	35.50	36.60	B26163	1.10	<.03	dk gy		
BG10-63	36.60	37.50	B26164	0.90	0.617	50% 20%epi w 5% cse d py assd w q-ank@3(		
BG10-63	37.50	38.50	B26165	1.00	1.406	50% 20%epi w 5% cse d py assd w q-ank@3(	1.371	1.440
BG10-63	38.50	40.00	B26166	1.50	0.137	1" bull wt-pur q-ank vn@25		
BG10-63	40.00	40.80	B26167	0.80	0.274	0.1m 20% epi w 1/4" pa gy qv w 3/4" epi zone w 15% cse d py@12; 1/4"epi+vn@60 w 5% cse d		
BG10-63	40.80	41.30	B26168	0.50	<.03			
BG10-63	41.30	42.30	B26169	1.00	<.03			
BG10-63	42.30	43.50	B26171	1.20	0.069			
BG10-63	43.50	45.00	B26172	1.50	0.069	3*1/8"q-ank vn's+1/2"epi haloe		
BG10-63	45.00	46.50	B26173	1.50	<.03			
BG10-63	46.50	48.00	B26174	1.50	<.03			
BG10-64	9.30	10.60	B27402	1.30	<.03			

Hole_ID	From	To	Sample_#	Length	Au ppm	Description	Au ppm_ck	Au ppm-ck2
BG10-64	10.60	12.00	B27403	1.40	<.03			
BG10-64	12.00	13.50	B27405	1.50	<.03			
BG10-64	13.50	15.00	B27406	1.50	<.03			
BG10-64	15.00	15.85	B27407	0.85	<.03			
BG10-64	15.85	17.30	B27408	1.45	<.03	ct's; 1/2" vn@43 w 25% f d py+ 5% cse d py; 2* 1/8" q-ank-chl vn's@42 is bl'		
BG10-64	17.30	18.00	B27409	0.70	<.03			
BG10-64	18.00	19.50	B27410	1.50	<.03			
BG10-64	19.50	21.00	B27411	1.50	<.03			
BG10-64	21.00	22.50	B27412	1.50	<.03			
BG10-64	22.50	24.00	B27413	1.50	<.03			
BG10-64	24.00	25.05	B27414	1.05	0.137			
BG10-64	25.05	25.75	B27415	0.70	<.03	5% cse d + bleb py		
BG10-64	25.75	27.00	B27416	1.25	<.03			
BG10-64	27.00	28.50	B27417	1.50	<.03			
BG10-64	28.50	30.00	B27418	1.50	0.206			
BG10-64	30.00	31.50	B27419	1.50	<.03			
BG10-64	31.50	33.00	B27420	1.50	<.03			
BG10-64	33.00	34.00	B27421	1.00	<.03			
BG10-64	34.00	34.90	B27422	0.90	<.03	1" q-ank-carb vn w 3% cse d py on ct's@2		
BG10-64	34.90	36.00	B27423	1.10	<.03	0.1m q-ank-carb vn @27 w 20% cse d py; ct has 1" brick red kspa		
BG10-64	36.00	36.70	B27424	0.70	<.03	ct; 3% f d py; bl'd; sil'd; 0.1m carb@2		
BG10-64	36.70	37.50	B27426	0.80	<.03			
BG10-64	37.50	39.00	B27427	1.50	<.03			
BG10-64	39.00	40.50	B27428	1.50	<.03			
BG10-64	40.50	42.00	B27429	1.50	<.03			
BG10-64	42.00	43.50	B27430	1.50	<.03			
BG10-64	43.50	45.00	B27431	1.50	<.03			
BG10-64	45.00	46.50	B27432	1.50	0.137			
BG10-64	46.50	48.00	B27433	1.50	<.03			
BG10-64	48.00	49.50	B27434	1.50	<.03			
BG10-64	49.50	51.00	B27435	1.50	<.03			
BG10-64	51.00	52.50	B27436	1.50	<.03			
BG10-64	52.50	54.00	B27437	1.50	<.03			
BG10-64	54.00	55.50	B27438	1.50	<.03			
BG10-64	55.50	57.00	B27439	1.50	<.03			
BG10-64	57.00	58.50	B27440	1.50	<.03			
BG10-64	58.50	60.00	B27441	1.50	<.03			
BG10-64	60.00	61.50	B27442	1.50	<.03			
BG10-64	61.50	63.00	B27443	1.50	<.03			
BG10-64	63.00	64.50	B27444	1.50	<.03			
BG10-64	64.50	66.00	B27445	1.50	0.069			
BG10-64	66.00	67.50	B27446	1.50	<.03			
BG10-64	67.50	69.00	B27447	1.50	<.03			
BG10-64	69.00	70.50	B27448	1.50	<.03			
BG10-64	70.50	71.45	B27449	0.95	<.03			

Hole_ID	From	To	Sample_#	Length	Au ppm	Description	Au ppm_ck	Au ppm-ck2
BG10-64	71.45	72.00	B27450	0.55	<.03	1/8"-1/4" q-ank vn w 25% spec+10% cp+10% cse d py@6		
BG10-64	72.00	73.50	B27451	1.50	<.03			
BG10-64	73.50	75.00	B27452	1.50	<.03			
BG10-64	75.00	76.50	B27453	1.50	<.03			
BG10-64	76.50	78.00	B27455	1.50	<.03			
BG10-64	78.00	79.50	B27456	1.50	0.274			
BG10-64	79.50	81.00	B27457	1.50	<.03			
BG10-65	7.30	8.35	B27138	1.05	0.069	hem'd mody/kspar; 10-12% cse d + bleb py; locy sil'd; 20% q-ank;		
BG10-65	8.35	9.00	B27139	0.65	<.03	hem'd mody/kspar; 5-8% cse d + bleb py; locy sil'd; 10% q-an		
BG10-65	9.00	9.80	B27140	0.80	<.03	hem'd mody/kspar; 15-20% cse d + bleb py; locy sil'd; 10% q-ank; flt brings in BC w at least 1" 70% cse p vn@63 imm foll by 50% cse d py in hily sil'd por		
BG10-65	9.80	10.45	B27142	0.65	<.03	hem'd mody/kspar; 10-12% cse d + bleb py; locy sil'd; 10% q-an		
BG10-65	10.45	11.15	B27143	0.70	<.03	hem'd mody/kspar; 10-12% cse d + bleb py; sil'd; 20% q-ank; 3/4" 70% cse py vn@		
BG10-65	11.15	12.35	B27144	1.20	<.03	bl'd+ hily sil'd; 8-10% cse d py, locy in 3/4" round blotche		
BG10-65	12.35	13.25	B27145	0.90	<.03	0.1m hily sil'd w 15% cse d py@45; 3* 1/8"-1/4" chl-sil shr's w 5-10% f d py@5		
BG10-65	13.25	13.90	B27146	0.65	0.206	5% cse d py in sil'd po		
BG10-65	13.90	14.80	B27147	0.90	0.343	sil'd; almost myl-ser-chl-ank w 5-6% cse d py @60-6		
BG10-65	14.80	15.70	B27148	0.90	0.069	0.2m alt'd-then freshens quickly		
BG10-65	15.70	17.00	B27149	1.30	<.03			
BG10-65	17.00	18.00	B27150	1.00	<.03	ct; 2* 1/2" wt q-ank vn's@57 in 0.1m ser-chl w 10% f d py+ 3% cse d p		
BG10-65	18.00	18.95	B27151	0.95	2.811	0.15 buff ank-ser zone w 20% f d py @72; 1/2" 70% cse py vn@66; 1/4" 30% cse py vn@7	2.949	2.674
BG10-65	18.95	20.00	B27152	1.05	0.823	mottled; 3% q-ank		
BG10-65	20.00	21.40	B27153	1.40	0.069			
BG10-65	21.40	22.85	B27154	1.45	0.411	bl'd; 20% q-ank; 5% cse d py		
BG10-65	22.85	24.05	B27155	1.20	0.411	5% f d py		
BG10-65	24.05	24.90	B27156	0.85	1.406	0.15 sil'd pa gy w 10% f d py+ 5% cse d py@55-65 in chl-ser shr's; flt washed out; 10% q-an	1.440	1.371
BG10-65	24.90	26.30	B27157	1.40	0.069	wy bl'd; 3% q-ank		
BG10-65	26.30	27.65	B27158	1.35	<.03	0.05m bl'd wy@62 w 2% cse d py		
BG10-65	27.65	29.05	B27159	1.40	0.069	fresh		
BG10-65	29.05	29.70	B27160	0.65	0.960	0.25m pk-buff aph fel intr? Imm prec by+ imm foll by 0.1m 90% cse py vn's w rare dk gy chl-sil frag's @53 im foll by 0.1m buff hily bl'd por? w posy xeno's emerald green 1/8"		
BG10-65	29.70	30.85	B27162	1.15	<.03	0.1m wy bl'd		
BG10-65	30.85	31.85	B27163	1.00	<.03	1/4" 70% cse py vn@52		
BG10-65	31.85	33.00	B27164	1.15	<.03			
BG10-65	33.00	34.50	B27165	1.50	<.03			
BG10-65	34.50	35.35	B27166	0.85	<.03	0.05m chl-ank zone w 20% f +15% cse d py@5		
BG10-65	35.35	36.00	B27168	0.65	<.03			
BG10-65	36.00	37.50	B27169	1.50	<.03	2* 1/4" chl-sil vn w 10% f d py@33		
BG10-65	37.50	39.00	B27170	1.50	0.137			
BG10-65	39.00	40.50	B27171	1.50	<.03			
BG10-65	40.50	42.00	B27172	1.50	<.03			
BG10-65	42.00	42.70	B27173	0.70	<.03	0.05m 50% cse d py in q-ank-carb@45+7		
BG10-65	42.70	43.50	B27174	0.80	<.03			
BG10-65	43.50	45.00	B27175	1.50	<.03			
BG10-65	45.00	46.50	B27176	1.50	<.03			

Hole_ID	From	To	Sample_#	Length	Au ppm	Description	Au ppm_ck	Au ppm-ck2
BG10-65	46.50	47.50	B27177	1.00	<.03			
BG10-65	47.50	48.30	B27178	0.80	0.069	0.05m BC w at least 1" mauve q-ank+ 10% cse d py @47 imm foll by 0.1m of sil'd w 8% cse d		
BG10-65	48.30	49.50	B27179	1.20	<.03	0.1m of 1/2" q-ank wt vn's @57 w 5% cse d p		
BG10-65	49.50	50.70	B27180	1.20	<.03			
BG10-65	50.70	51.40	B27181	0.70	<.03	0.15 milk wt q-ank vn@49 w chl+10% cse d p		
BG10-65	51.40	52.50	B27182	1.10	<.03			
BG10-65	52.50	54.00	B27183	1.50	<.03	1/2" mauve q-ank vn w 30% cse d py@3		
BG10-65	54.00	55.50	B27184	1.50	<.03			
BG10-65	55.50	57.00	B27185	1.50	<.03			
BG10-65	57.00	57.70	B27186	0.70	<.03	1/4" 30% cse py vn@32		
BG10-65	57.70	58.45	B27187	0.75	<.03			
BG10-65	58.45	60.00	B27188	1.55	<.03			
BG10-65	60.00	60.80	B27189	0.80	<.03	1/4" 70% cse py vn@47		
BG10-65	60.80	61.85	B27190	1.05	<.03	BC w 5% cse d py in bl'd, ser'd wy sil'd; could be 0.1m L		
BG10-65	61.85	63.00	B27191	1.15	0.411			
BG10-65	63.00	64.50	B27192	1.50	<.03			
BG10-65	64.50	66.00	B27193	1.50	<.03			
BG10-65	66.00	67.50	B27194	1.50	<.03			
BG10-65	67.50	69.00	B27195	1.50	<.03			
BG10-65	69.00	69.85	B27196	0.85	<.03			
BG10-65	69.85	70.50	B27197	0.65	0.274	1" sil'd w 5-8% cse d py6		
BG10-65	70.50	71.65	B27198	1.15	11.66	hily bl'd locy; flt imm foll by 0.1m 15% cse d py imm prec by 0.1m intensely bl'd-all@63; 3* 1/4" chl-sil dk gy vr w 3-6% cse d py@73-83 assd w q-ank		
BG10-65	71.65	72.50	B27200	0.85	<.03			
BG10-65	72.50	73.60	B27201	1.10	<.03			
BG10-65	73.60	75.00	B27202	1.40	<.03	1" pur q-ank vn@22 w 5% spe		
BG10-65	75.00	76.50	B27204	1.50	0.274			
BG10-65	76.50	78.00	B27205	1.50	0.137			
BG10-65	78.00	79.50	B27206	1.50	<.03			
BG10-65	79.50	81.00	B27207	1.50	<.03			
BG10-66	8.35	9.75	B27335	1.40	<.03	ct bl'd w 2% f d py		
BG10-66	9.75	10.70	B27336	0.95	<.03	ct bl'd wy		
BG10-66	10.70	12.00	B27337	1.30	<.03			
BG10-66	12.00	13.05	B27338	1.05	<.03			
BG10-66	13.05	13.90	B27339	0.85	<.03			
BG10-66	13.90	15.00	B27340	1.10	<.03	1/2" wt qv w 5-8% cse d py on ct's@85; ox'd+ BC; 0.1m q-ank vn w 10% f d py@62; 2% chl-sil fract's w 2% f py		
BG10-66	15.00	16.50	B27341	1.50	<.03	bl'd; mody sil'd; 5% f d py assd w ser'		
BG10-66	16.50	18.00	B27342	1.50	<.03			
BG10-66	18.00	19.50	B27343	1.50	<.03	1/4" lim'd fract w 1/4" chl-sil vn+ in 1" q-ank vn w 5-8% cse d py@2		
BG10-66	19.50	21.00	B27344	1.50	<.03			
BG10-66	21.00	22.50	B27345	1.50	<.03	1/8" 5% f d py in q-ank vn@27		
BG10-66	22.50	24.00	B27346	1.50	<.03			
BG10-66	24.00	24.90	B27347	0.90	<.03	10% chl-sil vn's w 5% cse+ f d py-fract's w moly/graph?@2		

Hole_ID	From	To	Sample_#	Length	Au ppm	Description	Au ppm_ck	Au ppm-ck2
BG10-66	24.90	25.80	B27348	0.90	0.069	0.1m initially w 10% chl-sil fract's@10+140 w 10% cse d py up to 1/4" ser'd ct(?) @20-then por w more q pheno's (40%); 2* 1/8" sil-chl vn's w 25% cse d py@76		
BG10-66	25.80	26.40	B27349	0.60	0.069	hily sil'd w 10% q-ank vn's that cut 10% sil-chl vn's w 5% cse+f d py-all gen @4		
BG10-66	26.40	27.00	B27350	0.60	<.03			
BG10-66	27.00	28.50	B27351	1.50	<.03			
BG10-66	28.50	30.00	B27352	1.50	<.03			
BG10-66	30.00	30.95	B27353	0.95	<.03	1/2" sil'd + 1/4" q-ank @32 w 3% cse d p		
BG10-66	30.95	32.05	B27354	1.10	<.03	1" q-ank vn@76 w 3% cse d p		
BG10-66	32.05	33.00	B27355	0.95	0.069	hily sil'd; 3* 1/4"-3/4" sil-chl vn's w 20% cse d py @6		
BG10-66	33.00	34.20	B27357	1.20	<.03	3* 1/8" sil-chl vn's w 20% cse d py @6		
BG10-66	34.20	35.00	B27358	0.80	<.03	sil'd wy		
BG10-66	35.00	36.30	B27359	1.30	<.03	1/8" 20% cse py vn@68; 0.1m sil'd w 15% chl-sil vn's@62 w 5% cse d p		
BG10-66	36.30	37.50	B27360	1.20	<.03	BC		
BG10-66	37.50	38.85	B27361	1.35	<.03	BC		
BG10-66	38.85	40.00	B27362	1.15	<.03			
BG10-66	40.00	41.50	B27363	1.50	<.03	0.2m of 4% cse d+ bleb py@3		
BG10-66	41.50	42.10	B27364	0.60	0.137	3/4" blk chl-sil-moly(graph?) vn+flt w 10% cse d p		
BG10-66	42.10	42.90	B27365	0.80	0.069	inc'g sil'd		
BG10-66	42.90	43.50	B27366	0.60	0.960	hily sil'd w 25% q-ank vn's@17-45 w 5-6% cse d p		
BG10-66	43.50	44.25	B27367	0.75	1.577	15% q-dolo+ 5% chl-sil fract's w 10% cse d py @4	1.577	1.577
BG10-66	44.25	45.00	B27369	0.75	0.069	15% chl-sil fract's w 3% cse d py@1		
BG10-66	45.00	45.75	B27370	0.75	<.03	3% chl-sil fract's		
BG10-66	45.75	47.25	B27372	1.50	<.03			
BG10-66	47.25	48.00	B27373	0.75	0.069	0.2m q-ank vn in BC@55 w 5% cse d p		
BG10-66	48.00	49.30	B27374	1.30	<.03	3% chl-sil fract's		
BG10-66	49.30	50.25	B27375	0.95	<.03	2* 1/4" 50% cse py vn's@4		
BG10-66	50.25	51.00	B27376	0.75	0.069	0.2m 20% chl-sil vn's@58 w 30% cse d p		
BG10-66	51.00	51.95	B27377	0.95	<.03			
BG10-66	51.95	52.60	B27378	0.65	0.069	1/8" chl-sil vn-flt@53 w 20% f+5% cse d p		
BG10-66	52.60	54.00	B27379	1.40	<.03			
BG10-66	54.00	55.50	B27380	1.50	<.03			
BG10-66	55.50	57.00	B27381	1.50	0.069	1/8" 15% cse d py@45		
BG10-66	57.00	58.50	B27382	1.50	<.03	1/2" sil vn w 5% cse+ f d py@3		
BG10-66	58.50	60.00	B27383	1.50	<.03			
BG10-66	60.00	61.50	B27384	1.50	<.03			
BG10-66	61.50	63.00	B27385	1.50	<.03			
BG10-66	63.00	64.50	B27386	1.50	<.03	0.2m vuggy		
BG10-66	64.50	66.00	B27387	1.50	<.03			
BG10-66	66.00	66.90	B27388	0.90	0.274	1/8"+ 1/2" chl-sil w 40% cse py@4		
BG10-66	66.90	67.70	B27389	0.80	0.069			
BG10-66	67.70	69.00	B27390	1.30	<.03			
BG10-66	69.00	70.25	B27391	1.25	<.03	pkish; hily sil'd; 5% chl-sil fract's@6		
BG10-66	70.25	70.80	B27392	0.55	0.960	sil'd; 10% chl-sil fract's w 5% cse d py@6		
BG10-66	70.80	71.70	B27393	0.90	<.03			
BG10-66	71.70	72.85	B27394	1.15	0.069	1" q-ank vn w 5% cse d py on ct's@7		

Hole_ID	From	To	Sample_#	Length	Au ppm	Description	Au ppm_ck	Au ppm-ck2
BG10-66	72.85	73.75	B27395	0.90	0.206	0.1m vuggy bone wt q-ank@7		
BG10-66	73.75	74.50	B27396	0.75	0.274	0.25 m of 20% q-ank+ bl'd @66 w 10% f+ 10% cse d py@4		
BG10-66	74.50	75.90	B27398	1.40	<.03			
BG10-66	75.90	77.15	B27399	1.25	<.03	1/16" chl-sil vn's w 3% f d py@3		
BG10-66	77.15	78.60	B27400	1.45	<.03	5% 1/16" chl-sil vn's w 3% f d py@3		
BG10-66	78.60	80.00	B27401	1.40	<.03	1/8" chl-sil vn's w 3% f d py@3		
BG10-66	80.00	81.00	B27554	1.00	0.549	1/8" 60% cse py vn@1		
BG10-66	81.00	81.90	B27555	0.90	0.274			
BG10-66	81.90	82.80	B27556	0.90	<.03			
BG10-66	82.80	84.00	B27557	1.20	<.03			
BG10-67	7.50	9.00	B26175	1.50	<.03	1/2" q-ank vn w 5% cse d py@5		
BG10-67	9.00	9.85	B26176	0.85	0.069	0.1m q-ank vn w 2% cse d py+5% leuco@66; 3/4" q-ank vn w 2-3% cse d py@4		
BG10-67	9.85	11.10	B26177	1.25	<.03			
BG10-67	11.10	12.20	B26178	1.10	0.069	1/2" q-ank vn w rare cp@10; dk pur hue; 1.5" pur-gy q-ank-spec vn@48 is bullis		
BG10-67	12.20	13.20	B26179	1.00	<.03	1/2" q-ank vn w 3% cse d py@75 imm foll by 0.05m e		
BG10-67	13.20	13.90	B26180	0.70	<.03			
BG10-67	13.90	15.00	B26181	1.10	<.03	1" epi zone w 1/8" pa gy q-ank vn's@53 w rare p		
BG10-67	15.00	16.40	B26182	1.40	<.03			
BG10-67	16.40	17.80	B26183	1.40	<.03	3/4" q-ank vn w 1-2% cse d py+5% spec@31; pur hu		
BG10-67	17.80	19.00	B26184	1.20	<.03	25% epi@46 w 2-3% cse d py assd w dk gy qtz+q-an		
BG10-67	19.00	20.70	B26185	1.70	<.03	5% epi		
BG10-67	20.70	22.20	B26186	1.50	<.03	1/4" q-ank vn w 1-2% cse d py+5% spec@31; pur hue; rare c		
BG10-67	22.20	23.15	B26187	0.95	<.03	3/4+1/2" q-ank vn's w rare cse d py+5% spec@43+52; pur hue		
BG10-67	23.15	24.00	B26188	0.85	<.03	1" q-ank vn w 1% cse d py+5% spec@42; pur hue; rare c		
BG10-67	24.00	25.50	B26189	1.50	<.03	15%epi over 0.2m assd w 1/4" 90% py vn(po?)@2		
BG10-67	25.50	27.00	B26190	1.50	<.03	1" q-ank vn w 3% f d py53@42;		
BG10-67	27.00	28.70	B26191	1.70	<.03			
BG10-67	28.70	29.80	B26192	1.10	<.03	1/4" spec vn w 1/4" haloes 10-15% cse d py+5%epi@2		
BG10-67	29.80	30.30	B26193	0.50	<.03	0.2m 20% leuco assd w q-ank w 10% f+10% cse d py @7		
BG10-67	30.30	30.90	B26194	0.60	1.646	95% of 30% leuco assd w q-ank w 20% f+10% cse d py @57; internal 1" q-ank vn@33; well min'd-20 vein?	1.509	1.783
BG10-67	30.90	31.75	B26195	0.85	1.783	95% of 30% leuco assd w q-ank w 10% f+25% cse d py; centred on 1"dk gy q-ank w 10% v f d py imm prec l 1/8" gouge flt@22; well min'd-20 vein?;	1.714	1.851
BG10-67	31.75	32.55	B26197	0.80	1.200	1/2" q-ank vn @22 w 3% f+3% cse d py; 55% of 20% leuco assd w q-ank w 5% f+10% cse d py @26; flt gouge-no affect on wallrock	1.234	1.166
BG10-67	32.55	34.00	B26198	1.45	<.03	5% q-ank vn's 1/8"@65 are bullish; freshened quickly; g		
BG10-67	34.00	35.20	B26199	1.20	<.03	0.1m chl-ser wy shr'd@47@36.4-36.5 w 3% f d p		
BG10-67	35.20	36.60	B26200	1.40	0.069			
BG10-67	36.60	37.90	B26201	1.30	<.03			
BG10-67	37.90	39.30	B26202	1.40	0.069			
BG10-67	39.30	40.95	B26203	1.65	0.206			
BG10-67	40.95	41.60	B26204	0.65	<.03	2* 0.1m q-ank bullish vn's@50; no p		
BG10-67	41.60	42.90	B26205	1.30	<.03			
BG10-67	42.90	44.25	B26206	1.35	0.137	10% epi; 2* 1/4"pa gy q-ank vn's@32 w 2% cse d p		
BG10-67	44.25	45.40	B26207	1.15	<.03	10% epi; 2* 1/4"pa gy q-ank vn's@24 w 2% cse d p		

Hole_ID	From	To	Sample_#	Length	Au ppm	Description	Au ppm_ck	Au ppm-ck2
BG10-67	45.40	46.70	B26208	1.30	0.069			
BG10-67	46.70	48.00	B26209	1.30	<.03	0.1m BC w 60% epi+1/4" bull q-ank vn@3		
BG10-67	48.00	49.30	B26210	1.30	<.03			
BG10-67	49.30	50.05	B26211	0.75	0.069	1/2" chl-sil vn in 1" 60% epi w 10% f d py@2		
BG10-67	50.05	51.00	B26212	0.95	0.069	0.1m pur q-ank-spec vn@57 w 3% cse d py prim on ct's imm prec by 0.1m 5% leuc		
BG10-68	25.70	27.20	B26297	1.50	<.03			
BG10-68	27.20	28.65	B26298	1.45	<.03			
BG10-68	28.65	29.65	B26299	1.00	<.03	BC; 0.05m q-ank-epi vn @67 w 5% cse d py; 1"+ 1/4" q-ank vn w 10-15% cse d py@72; wy bl'd; hem fract@35		
BG10-68	29.65	30.70	B26300	1.05	<.03	1" 50% epi@35		
BG10-68	30.70	31.50	B26301	0.80	<.03			
BG10-68	31.50	32.10	B26302	0.60	<.03	1" q-ank vn imm prec by slip w 20% cse d py @3		
BG10-68	32.10	32.70	B26303	0.60	<.03	1/2" q-ank vn w 10% cse d py@6		
BG10-68	32.70	33.45	B26304	0.75	<.03			
BG10-68	33.45	35.30	B26305	1.85	<.03			
BG10-68	35.30	36.10	B26306	0.80	0.137	1" med-dk gy q-ank vn@73 w 10% cse d py; 1" q-ank vn@56 w 20% cs d py; 1" pur sil'd zone w q-ank+5-8 cse d py@38		
BG10-68	36.10	37.05	B26307	0.95	<.03	2* 1/4" epi-q-ank vn's@77 w 15% cse d p		
BG10-68	37.05	38.25	B26308	1.20	0.137			
BG10-68	38.25	39.30	B26309	1.05	0.069			
BG10-68	39.30	40.60	B26310	1.30	0.274			
BG10-68	40.60	41.35	B26311	0.75	0.274	BC w hily bl'd buff-pk posy fel rib w 10% cse d py as vn's@6		
BG10-68	41.35	42.70	B26313	1.35	0.069			
BG10-68	42.70	43.95	B26314	1.25	0.343	2* 1/8" 50% cse py vn's@52 in ser-chl-ep		
BG10-68	43.95	44.50	B26315	0.55	0.411	1/2"+1" bull q-ank vn's@5		
BG10-68	44.50	45.15	B26316	0.65	3.154	hily bl'd; 2* 1" 80% cse py vn's@6	3.154	3.154
BG10-68	45.15	46.00	B26318	0.85	0.549	1/4" 50% py vn@62 in freshe		
BG10-68	46.00	46.65	B26319	0.65	0.617	1/2" q-ank vn w 15% cse d py@5		
BG10-68	46.65	47.80	B26320	1.15	0.617			
BG10-68	47.80	49.20	B26321	1.40	0.069	flt; 3/4" q-ank vn w 10% cse d py@4		
BG10-68	49.20	50.65	B26322	1.45	0.206			
BG10-68	50.65	52.15	B26323	1.50	0.137			
BG10-68	52.15	53.20	B26324	1.05	0.960	1/4" dull wt q-ank vn w 5% cse d py@5		
BG10-68	53.20	54.60	B26325	1.40	0.069			
BG10-68	54.60	56.00	B26326	1.40	<.03			
BG10-68	56.00	57.25	B26327	1.25	<.03	1/4" 30% cse py vn@4		
BG10-68	57.25	58.90	B26328	1.65	<.03	5% q-ank		
BG10-68	58.90	60.00	B26329	1.10	<.03			
BG10-68	60.00	61.05	B26330	1.05	<.03	3/4" q-ank @5-10 w 3% cse d p		
BG10-68	61.05	62.50	B26331	1.45	<.03	0.05m bl"d@40 w 3% cse d p		
BG10-68	62.50	64.00	B26332	1.50	<.03			
BG10-68	64.00	64.85	B26333	0.85	0.069			
BG10-68	64.85	65.80	B26334	0.95	<.03	BC; rare cse d p		
BG10-68	65.80	67.40	B26335	1.60	<.03	1/8" carb-chl flt gouge w 2% cse d py assd w 1" ser-chl sh		
BG10-68	67.40	68.90	B26336	1.50	<.03			

Hole_ID	From	To	Sample_#	Length	Au ppm	Description	Au ppm_ck	Au ppm-ck2
BG10-68	68.90	69.95	B26337	1.05	<.03	1" bull vuggy q-ank vn@72 w rare d p		
BG10-68	69.95	71.25	B26338	1.30	<.03	1% cse d py locy conc@32		
BG10-68	71.25	72.80	B26339	1.55	<.03			
BG10-68	72.80	74.35	B26340	1.55	<.03			
BG10-68	74.35	75.55	B26341	1.20	<.03	wy shr'd-locy ser'n@30		
BG10-68	75.55	76.35	B26342	0.80	<.03	wy sil'd; dk pur hue; 1; 15% q-ank; 2% f d py assd w q-ank+ser'n brought in by flt; all @2		
BG10-68	76.35	77.80	B26343	1.45	<.03			
BG10-68	77.80	78.60	B26344	0.80	<.03			
BG10-68	78.60	79.80	B26345	1.20	<.03	flt brings in bl'd wy sil'd br altn imm foll by mud gouge in BC; v str flt-shr'd wallrocks-brings in zoı		
BG10-68	79.80	81.15	B26346	1.35	1.235	f0.15m gouge flt imm prec by hily bl'd w 3% cse d py locy conc; 1/4" sil-chl vn's w 1/2" q-ank w 15% cse py@72; 1" pk q-ank vn w 15% cse d py@14	1.440	1.029
BG10-68	81.15	82.40	B26347	1.25	0.411	first 0.3m shr'd q-ank-chl on chl slips@66 w 5% cse d py; 3/4" 50% cse py vn@58; 1/2" dk gy chl-sil vn w 10% f d py@58		
BG10-68	82.40	83.05	B26348	0.65	0.206	3/4" 50% cse py vn@42		
BG10-68	83.05	83.75	B26349	0.70	0.343	10% q-ank; 2* 1/2" 70% cse py v's@66		
BG10-68	83.75	84.50	B26350	0.75	0.891	0.05m+1" 70% cse py vn's@50 assd w 20% q-ank+ shr'd chl; f		
BG10-68	84.50	85.30	B26352	0.80	0.206	hily bl'd- can see phenos		
BG10-68	85.30	86.50	B26354	1.20	<.03	hily bl'd- can see phenos		
BG10-68	86.50	87.50	B26355	1.00	0.206	quick change @ ct @26 to ily mag di		
BG10-68	87.50	88.60	B26356	1.10	<.03			
BG10-68	88.60	89.20	B26357	0.60	<.03			
BG10-68	89.20	90.00	B26358	0.80	<.03			
BG10-69	18.20	19.65	B26275	1.45	<.03			
BG10-69	19.65	21.10	B26276	1.45	<.03	0.1m 50% epi@20 w bull q-anl		
BG10-69	21.10	22.40	B26277	1.30	<.03	BC		
BG10-69	22.40	24.00	B26278	1.60	<.03	3/4" bull qv@22; .05m ser-bull q-ank w 5% cse d py@5		
BG10-69	24.00	25.50	B26279	1.50	<.03			
BG10-69	25.50	27.00	B26280	1.50	<.03	1/8" med gy qv w epi-ser@9 w 2% f d p		
BG10-69	27.00	27.70	B26281	0.70	0.069	3/4" med gy q-ank w 15% f d py@64 imm foll by 2* 1/8" 50% cse py vn's@64; 1/4"-1/2" br fel rib? W 5% cse py@60		
BG10-69	27.70	28.90	B26282	1.20	<.03	1/8" 50% cse py vn@48		
BG10-69	28.90	29.55	B26283	0.65	0.069			
BG10-69	**29.55**	**30.45**	**B26284**	0.90	**48.720**	**0.15m dk gy qv w 20% cse d py+2% cp-posy V.G.-looks smeared but could be cp; imm prec by 2* 3/4" wt q-ank vuggy vn's w hem'd fract's brick red; imm foll by 0.2m pk sy dyke(?) or hily bl'd dio w 5% cse d py-all@52; #6 VEIN**	**40.937**	**56.503**
BG10-69	30.45	31.75	B26286	1.30	<.03	10% q-ank-carb vn's to 1"@52 assd w epi+ one w 10% cse d py assd w med gy		
BG10-69	31.75	33.00	B26287	1.25	<.03	wy bl'd w 2% f d py		
BG10-69	33.00	33.75	B26288	0.75	<.03	wy bl'd		
BG10-69	33.75	34.60	B26289	0.85	<.03	0.05m 75% cse py vn@57 assd w q-ank pa gy; 1/8" br flt gouge in 1/2" q-ank vn w 1% cse d py; bl'd		
BG10-69	34.60	35.90	B26290	1.30	<.03	1/4" q-ank vn w 5% cse d py@52; 3/4" q-ank vn w 8% cse d py@90;		
BG10-69	35.90	36.80	B26291	0.90	0.274	BC		
BG10-69	36.80	37.40	B26292	0.60	<.03			
BG10-69	37.40	38.35	B26293	0.95	<.03			
BG10-69	38.35	39.05	B26294	0.70	<.03	ct; 3-4% cse d py assd w 10% q-ank; wy sil'd pu		
BG10-69	39.05	40.50	B26295	1.45	<.03			

Hole_ID	From	To	Sample_#	Length	Au ppm	Description	Au ppm_ck	Au ppm-ck2
BG10-69	40.50	42.00	B26296	1.50	<.03			
BG10-70	15.90	16.90	B27558	1.00	<.03			
BG10-70	16.90	18.00	B27559	1.10	0.549	3% cse d py assd w bl'd + q-ank@72; 0.2m hily bl'd-almost cherty in BC w 8% cse d		
BG10-70	18.00	18.95	B27560	0.95	0.891	0.1m hily bl'd w 40% q-ank+5% cse d py@5		
BG10-70	18.95	19.80	B27561	0.85	0.480	0.2m mody bl'd w 2% cse d p		
BG10-70	19.80	21.00	B27562	1.20	0.343	mody bl'd w 5% cse d p		
BG10-70	21.00	22.50	B27563	1.50	0.480	10% q-ank		
BG10-70	22.50	24.00	B27564	1.50	0.617	5% q-ank		
BG10-70	24.00	25.50	B27565	1.50	0.274	10% q-ank		
BG10-70	25.50	27.00	B27566	1.50	0.343	5% q-ank		
BG10-70	27.00	28.50	B27567	1.50	0.960	2% q-ank		
BG10-70	28.50	30.00	B27568	1.50	2.023	2% q-ank	2.194	1.851
BG10-70	30.00	31.50	B27569	1.50	<.03	2% q-ank		
BG10-70	31.50	32.20	B27570	0.70	<.03			
BG10-70	32.20	33.40	B27571	1.20	<.03	inc'g bl'd downhole		
BG10-70	33.40	34.60	B27572	1.20	<.03	10% q-ank; myl @34.3-34.6@53 is ank-ser-ch		
BG10-70	34.60	35.50	B27573	0.90	0.069	chl-ser shr w 15% q-ank bx w 10% leuco+3% f d py; 3/4" chl annealed bx flt w 10% f d py@		
BG10-70	35.50	36.50	B27574	1.00	<.03	0.2m myl-ser-chl-ank; 1" pk carb vn@32; 0.15m bl'd ank bx w 5-8% f d py@3		
BG10-70	36.50	37.20	B27575	0.70	0.960	gn emerald speckled; 5% cse d py in chl-ser-ank shr@3		
BG10-70	37.20	38.20	B27576	1.00	0.411	10% cse d + vn (to 3/4") py in intense chl-ank-ser shr@47; buff hily bl'		
BG10-70	38.20	39.00	B27577	0.80	2.606	still more shr'd w 10-15 cse (clots)+ 5% f d py in 60% an	2.469	2.743
BG10-71	6.20	7.50	B27670	1.30	<.03			
BG10-71	7.50	8.70	B27671	1.20	<.03			
BG10-71	8.70	9.50	B27672	0.80	0.137	2* 1/4"-1/2" pa gy qv's @27 w 8% cse d py+ 10% spe		
BG10-71	9.50	10.75	B27673	1.25	0.823	80% of sample w 15% leuco; 5% cse+f d py in mauve s		
BG10-71	10.75	12.40	B27674	1.65	0.069			
BG10-71	12.40	13.55	B27675	1.15	<.03	5% epi assd w 1/2" pa gy qv w 3% f d p		
BG10-71	13.55	14.60	B27676	1.05	<.03			
BG10-71	14.60	15.35	B27677	0.75	0.206	0.15m 20% epi+5% q-ank+20% 1/8"-1/4" 20% cse py vn's@55+5% leuc		
BG10-71	15.35	16.50	B27678	1.15	<.03			
BG10-71	16.50	17.60	B27679	1.10	<.03			
BG10-71	17.60	18.75	B27680	1.15	<.03			
BG10-71	18.75	20.20	B27681	1.45	<.03	wy sil'd w 20% ank-carb@38 w 2% cse d py+ 20% leuco; shr in 0.2m 20% leuco w 5% cse d py in ser-chl		
BG10-71	20.20	21.80	B27682	1.60	<.03			
BG10-71	21.80	23.40	B27683	1.60	0.069			
BG10-71	23.40	24.40	B27684	1.00	0.069	5% epi		
BG10-71	24.40	25.30	B27685	0.90	0.411	1" 70% cse py vn@40; 20% leuco throughout; 5% e		
BG10-71	25.30	25.80	B27687	0.50	<.03	2% f d py; chl fract's@10		
BG10-71	25.80	27.00	B27688	1.20	<.03			
BG10-71	27.00	28.50	B27689	1.50	<.03			
BG10-71	28.50	30.00	B27690	1.50	<.03			
BG10-71	30.00	31.50	B27691	1.50	<.03			
BG10-71	31.50	33.00	B27693	1.50	<.03			
BG10-71	33.00	34.50	B27694	1.50	<.03			

Hole_ID	From	To	Sample_#	Length	Au ppm	Description	Au ppm_ck	Au ppm-ck2
BG10-71	34.50	36.00	B27695	1.50	<.03			
BG10-71	36.00	37.50	B27696	1.50	<.03			
BG10-71	37.50	39.00	B27697	1.50	<.03			
BG10-71	39.00	40.50	B27698	1.50	<.03			
BG10-71	40.50	42.00	B27699	1.50	<.03	1" q-ank @80		
BG10-71	42.00	43.50	B27700	1.50	<.03			
BG10-71	43.50	45.00	B27701	1.50	<.03			
BG10-71	45.00	46.50	B27702	1.50	<.03	1/2" q-ank w 4% cse d py		
BG10-71	46.50	48.00	B27703	1.50	0.069	0.2m 20% leuco@49		
BG10-71	48.00	49.50	B27704	1.50	<.03			
BG10-71	49.50	50.35	B27705	0.85	0.069			
BG10-71	50.35	51.50	B27706	1.15	0.069	70% sample w 20% leuco w 20% q-ank-chl@67 w 3% cse d py; 1/4" 30% cse py vn@6		
BG10-71	51.50	52.50	B27707	1.00	<.03			
BG10-71	52.50	53.85	B27708	1.35	<.03	10% epi w 10% q-ank 1/2" vn's w 2% cp@10-15		
BG10-71	53.85	54.70	B27709	0.85	<.03	15% epi; 1/2" vuggy q-ank-carb vn@25; 0.2m 50% epi w 20% med gy qtz+60% cse bleb		
BG10-71	54.70	56.25	B27711	1.55	0.137	1/8" 30% cse py vn@54		
BG10-71	56.25	57.70	B27712	1.45	<.03	1/8" 30% cse py vn@54		
BG10-71	57.70	58.40	B27713	0.70	0.069	0.1m 50% epi+10% q-ank+ 2* 1/8" 70% cse py vn's@5		
BG10-71	58.40	60.00	B27714	1.60	<.03	1/8" 30% cse py vn@54		
BG10-71	60.00	61.55	B27715	1.55	<.03			
BG10-71	61.55	63.00	B27716	1.45	0.069			
BG10-71	63.00	64.50	B27717	1.50	<.03			
BG10-71	64.50	66.00	B27718	1.50	<.03			
BG10-71	66.00	67.50	B27719	1.50	<.03			
BG10-71	67.50	69.00	B27720	1.50	<.03			
BG10-71	69.00	70.50	B27721	1.50	<.03			
BG10-71	70.50	71.50	B27722	1.00	0.069	0.3m 15% leuco+ 1" 30% cse py vn in q-dolo@5		
BG10-71	71.50	72.45	B27723	0.95	<.03	4* 1" q-ank vn's@76 w 3% spec		
BG10-71	72.45	73.90	B27725	1.45	<.03			
BG10-71	73.90	75.00	B27726	1.10	0.069	0.25m 15% leuco		
BG10-71	75.00	76.20	B27727	1.20	<.03	1/4" spec vn w 5% cp@45		
BG10-71	76.20	77.25	B27728	1.05	<.03			
BG10-71	77.25	78.20	B27729	0.95	<.03	1/4" pk carb vn@15		
BG10-71	78.20	79.10	B27730	0.90	1.61	flt imm foll by massive py zone (50% cse py) w 10% dk gy sil-chl vn's (contorted, w 10% ladder wt ank vn's 15% q-ank (contorted); initially hily shr'd @60 w10% f d py in ser-chl shr's 1/4"	1.440	1.783
BG10-71	79.10	79.85	B27732	0.75	0.686	massive py zone (50% cse py) w 10% dk gy sil-chl vn's (contorted, w 10% ladder wt ank vn's)+ 15% q-a (contorted)		
BG10-71	79.85	80.70	B27733	0.85	1.44	massive py zone (50% cse py) w 10% dk gy sil-chl vn's (contorted, w 10% ladder wt ank vn's)+ 15% q-a (contorted)	1.371	1.509
BG10-71	80.70	81.65	B27734	0.95	<.03			
BG10-71	81.65	82.90	B27735	1.25	0.137			
BG10-71	82.90	83.90	B27736	1.00	0.480	0.3m of 20% leuco w 20% cse d py@69+ 1/2" pa gy q-ank vn@2		
BG10-71	83.90	85.20	B27737	1.30	0.480			
BG10-71	85.20	86.40	B27738	1.20	0.069			
BG10-71	86.40	87.10	B27739	0.70	0.891	0.2m hily bl'd w 10% f d py+10% cse d py@6		

Hole_ID	From	To	Sample_#	Length	Au ppm	Description	Au ppm_ck	Au ppm-ck2
BG10-71	87.10	88.00	B27740	0.90	<.03			
BG10-71	88.00	88.75	B27741	0.75	<.03			
BG10-71	88.75	90.00	B27742	1.25	0.137			
BG10-71	90.00	90.80	B27743	0.80	0.274	0.1m 20% leuco on 1" q-ank vn @22 w 20% cse d p		
BG10-71	90.80	91.65	B27744	0.85	<.03			
BG10-71	91.65	92.55	B27745	0.90	1.75	20% epi+15% leuco+ 10% cse d py@5(	1.783	1.714
BG10-71	92.55	93.35	B27746	0.80	1.47	2* 1/4" 30% cse py vn's@45+14(	1.440	1.509
BG10-71	93.35	94.70	B27747	1.35	0.069			
BG10-71	94.70	96.00	B27748	1.30	<.03			
BG10-71	96.00	97.10	B27749	1.10	0.206			
BG10-71	97.10	97.80	B27750	0.70	0.754			
BG10-71	97.80	98.50	B27751	0.70	1.10	3/4" dk gy qv-chl-sil vn @22 w 20% cse d py for 1" either sid	1.166	1.029
BG10-71	98.50	99.40	B27753	0.90	0.069			
BG10-71	99.40	100.70	B27754	1.30	0.343	0.2m br sil'd w 10% f d py@57+ 15% leuc(		
BG10-71	100.70	102.00	B27755	1.30	0.069			
BG10-71	102.00	103.25	B27756	1.25	1.89	20% leuco; sil'd locy; 20% cse+10% f d py@5(	1.646	2.126
BG10-71	103.25	104.75	B27757	1.50	<.03			
BG10-71	104.75	106.10	B27758	1.35	<.03			
BG10-71	106.10	107.55	B27760	1.45	<.03			
BG10-71	107.55	108.80	B27761	1.25	<.03			
BG10-71	108.80	109.65	B27762	0.85	<.03	1/4" 50% cse py vn@57 assd w epi; 1/8" chl-epi fract w q-ank@2		
BG10-71	109.65	111.00	B27763	1.35	<.03	1/4" 50% cse py vn@37 assd w epi imm prec by pur-gy wy sil'd 0.1m w 10% cse d p		
BG10-71	111.00	111.95	B27764	0.95	0.823	1/4" 50% cse py vn@35 assd w ep		
BG10-71	111.95	112.90	B27765	0.95	<.03			
BG10-71	112.90	113.80	B27766	0.90	<.03			
BG10-71	113.80	114.90	B27767	1.10	0.137	1/4" 70% f py vn@20; 0.1m bull q-ank vuggy vn@10-20 assd w e		
BG10-71	114.90	115.70	B27768	0.80	1.13	1" 80% cse py vn@30 imm prec by 0.2m wy sil'd w 15% leuco+ 3* 1/8" 50% cse py vn's@5	1.097	1.166
BG10-71	115.70	116.85	B27769	1.15	<.03			
BG10-71	116.85	117.80	B27770	0.95	<.03			
BG10-71	117.80	118.80	B27771	1.00	0.069	1/4" 50% cse py vn@59 assd w epi; 0.1m w 20% leuco+ 10% qank +bl'd wy+ w 5% cse d		
BG10-71	118.80	120.00	B27772	1.20	<.03			
BG10-71	120.00	121.50	B27773	1.50	<.03	1/2" bull pk carb vn@5		
BG10-71	121.50	123.00	B27774	1.50	<.03	1/2" bull pk carb vn@5		
BG10-71	123.00	124.00	B27775	1.00	<.03			
BG10-71	124.00	124.90	B27776	0.90	<.03			
BG10-71	124.90	125.50	B27777	0.60	0.069	2* 3/4" q-ank vn's@85 vuggy w 2% cse d py+c		
BG10-71	125.50	126.70	B27778	1.20	<.03	BC		
BG10-71	126.70	127.45	B27779	0.75	<.03	1/2" med gy qv w 30% cse+ f d py@6(		
BG10-71	127.45	128.50	B27780	1.05	<.03			
BG10-71	128.50	129.40	B27781	0.90	<.03			
BG10-71	129.40	130.20	B27782	0.80	<.03	0.05m ser-epi zone w 20% dk gy chl-sil+ 20% f d py@62 -sh		
BG10-71	130.20	131.05	B27783	0.85	<.03			
BG10-71	131.05	132.45	B27784	1.40	<.03			
BG10-71	132.45	133.80	B27785	1.35	0.069			
BG10-71	133.80	134.95	B27786	1.15	<.03	1/2" pa gy qv w 5% cp imm foll by 1/4" spec vn-all@37; 0.05m q-qank vn w 3% f d py@53 w 5% c		

Hole_ID	From	To	Sample_#	Length	Au ppm	Description	Au ppm_ck	Au ppm-ck2
BG10-71	134.95	136.05	B27787	1.10	<.03			
BG10-71	136.05	137.25	B27789	1.20	<.03			
BG10-71	137.25	138.00	B27790	0.75	<.03	1/2" 20% d py in GC@80		
BG10-71	138.00	138.90	B27791	0.90	0.206	1/2" bl'd w 40% f d py assd w 1/8" q-ank vn@5		
BG10-71	138.90	140.20	B27792	1.30	<.03			
BG10-71	140.20	141.00	B27793	0.80	<.03	1/2" bl'd w 30% f d py assd w 1/8" q-ank vn@3		
BG10-71	141.00	142.50	B27794	1.50	0.069			
BG10-71	142.50	144.00	B27795	1.50	<.03	dk pur aph ct w gy-gn aph@60-altn		
BG10-71	144.00	145.50	B27796	1.50	<.03			
BG10-71	145.50	147.00	B27797	1.50	<.03	0.1m bl'd wy w 15% f d py@59 assd w 10% q-an		
BG10-71	147.00	148.30	B27798	1.30	<.03	0.1m bl'd wy w 15% f d py@47 assd w 10% q-an		
BG10-71	148.30	149.50	B27799	1.20	0.069	0.1m w 30% 1/8"-1/4" 40% cse py vn's@47+ 20% leuco; 1/4" 40% cse py vn@4		
BG10-71	149.50	150.40	B27800	0.90	1.13	5% f d py locy conc	1.097	1.166
BG10-71	150.40	151.25	B27801	0.85	1.47	10% q-ank-carb; 20% leuco; 10-15% f d py throughou	1.509	1.440
BG10-71	151.25	152.25	B27802	1.00	2.54	abrupt ct to hily alt'd zone@60; hily cbd; hily sil'd; 15% chl-sil dk gy vn's+ 30% cse+20% f d py+ vn'd py-all@3 well min'd; mauve	2.400	2.674
BG10-71	152.25	153.00	B27803	0.75	1.06	hily cbd; hily sil'd; 15% chl-sil dk gy vn's+ 30% cse+20% f d py+ vn'd py-all@32; well min'd; mauve; 1" dk gy w 10% f d py@37	1.029	1.097
BG10-71	**153.00**	**153.85**	**B27804**	0.85	**22.87**	**hily cbd; hily sil'd; 15% chl-sil dk gy vn's+ 30% cse+20% f d py+ vn'd py-all@32; well min'd; mauve 0.1m dk gy chl-sil vn imm foll by 0.05m 70% cse py vn@32; ends on flt**	**22.560**	**23.177**
BG10-71	153.85	154.50	B27806	0.65	<.03	2* 0.1m 20% leuco w 5% cse d py		
BG10-71	154.50	155.50	B27807	1.00	0.137			
BG10-71	155.50	156.40	B27808	0.90	<.03	5% leuco		
BG10-71	156.40	157.60	B27809	1.20	0.617			
BG10-71	**157.60**	**158.30**	**B27810**	0.70	**5.01**	**0.2m 70% cse py vn@27assd w q-ank**	**4.731**	**5.280**
BG10-71	158.30	159.25	B27811	0.95	<.03	0.2m 20% leucc		
BG10-71	159.25	160.10	B27812	0.85	0.343	2* 1/8" q-qank vn's w 10% cse d py@53; 1/4" 30% cse py vn@57 in 0.1m 8% cse d p		
BG10-71	160.10	161.30	B27813	1.20	0.069			
BG10-71	161.30	162.50	B27814	1.20	<.03			
BG10-71	162.50	163.75	B27815	1.25	<.03	3/4" 30% cse py vn assd w 50% epi@45		
BG10-71	163.75	165.00	B27816	1.25	<.03	0.3m 50% epi w 4% cse d py@75		
BG10-71	165.00	166.00	B27817	1.00	0.069	2* 1/4" 30% cse py vn's@40+48 assd w 30% ep		
BG10-71	166.00	167.00	B27818	1.00	<.03			
BG10-71	167.00	168.10	B27819	1.10	<.03			
BG10-71	168.10	169.10	B27820	1.00	<.03			
BG10-71	169.10	170.00	B27822	0.90	0.137	1/4" ser-chl zone w 20% f d py+1/8" 70% discontinuous cse py vn-all@5		
BG10-71	170.00	171.00	B27823	1.00	0.069			
BG10-72	24.70	25.90	B34536	1.20	0.069	flt imm foll by 1/4" q-ank vn; 3* 1/8" 50% cse py vn's@72+4		
BG10-72	32.25	33.25	B34516	1.00	0.411			
BG10-72	33.25	34.35	B34517	1.10	1.27	0.05m 80% cse py vn@49 imm foll by 0.2m ser-chl-ank shr@53 w 20% cse d py; 0.1m ser-chl w 20% cse d p is sil'd hily; 15% q-ank	1.234	1.303
BG10-72	34.35	35.90	B34518	1.55	0.206	5% q-ank; 0.05m q-ank-chl-ser w 35% cse clot+ folded vn@3		
BG10-72	35.90	36.70	B34519	0.80	<.03	5% q-ank		

Hole_ID	From	To	Sample_#	Length	Au ppm	Description	Au ppm_ck	Au ppm-ck2
BG10-72	36.70	37.40	B34537	0.70	0.069	sand w py-5% q-ank in core w 3% cse d p		
BG10-72	37.40	38.70	B34520	1.30	<.03	5% f+ 5% cse d py imm foll by 0.15m clay gouge imm foll by core w 1/2" clay flt- then fresh		
BG10-72	38.70	40.00	B34521	1.30	0.069			
BG10-72	40.00	41.00	B34522	1.00	<.03			
BG10-72	41.00	42.00	B34523	1.00	<.03			
BG10-72	42.00	43.50	B34524	1.50	<.03			
BG10-72	43.50	45.20	B34525	1.70	4.53	2* 0.1m q-ank-carb vn's w 5-6% cse d py+1/8" 20% f py vn-all@70+38; 5% leuc	4.594	4.457
BG10-72	45.20	47.00	B34526	1.80	0.411			
BG10-72	47.00	48.35	B34527	1.35	0.069	5%f+5% cse d py in 1/2" pk carb vn@60; 0.2m w 30% pk carb+ 1" hem'd brick red @57 w 5% spec, 5% cse py+3% f d py		
BG10-72	48.35	49.40	B34528	1.05	0.069	5-8% q-ank+ 1" hem'd red-br@47; 1" q-ank-chl b		
BG10-72	49.40	50.50	B34529	1.10	<.03			
BG10-72	50.50	51.80	B34531	1.30	<.03			
BG10-72	51.80	52.90	B34532	1.10	0.069			
BG10-72	52.90	54.00	B34533	1.10	<.03	0.1m q-ank-ser-chl shr w 3% cse d py		
BG10-72	54.00	54.95	B34534	0.95	0.137	15% q-ank; 1/2" 80% cse py vn@25 in hily bl'd zone ending on 0.1m q-ank-chl-ser shr@80 w 20% f d py; 1" h bl'd w 10% cse d py imm prec by 0.05m brick red hem'd; 5% leuco		
BG10-72	54.95	56.15	B34535	1.20	<.03	3* 1/8" 50% cse py in hily bl'd buff @35+5(		
BG10-72	56.15	57.00	B34538	0.85	0.206	10% spec fract's@10-50 stockwork		
BG10-72	57.00	58.50	B34539	1.50	0.274	10% q-ank; 5% spec fract's+ vn's to 1/4		
BG10-72	58.50	60.00	B34540	1.50	0.480	0.1m hily bl'd w 5% f d py@61-bone w		
BG10-72	60.00	61.50	B34541	1.50	<.03	5% q-ank@30		
BG10-72	61.50	63.00	B34542	1.50	<.03			
BG10-72	63.00	64.00	B34543	1.00	0.069	0.1m hily bl'd w 12% f+cse d py@57-imm prec by 1/8" dk gy qv w 5% f d p		
BG10-72	64.00	65.00	B34545	1.00	0.137			
BG10-72	65.00	66.00	B34546	1.00	0.617			
BG10-72	66.00	67.50	B34547	1.50	0.069	0.1m 10% leuco+5% cse d py@6(		
BG10-72	67.50	68.60	B34548	1.10	<.03			
BG10-72	68.60	69.15	B34549	0.55	<.03	0.1m 10% leuco+5% cse d py@70; 1/4" 80% cse py vn@10		
BG10-72	69.15	70.50	B34550	1.35	<.03	0.1m 5% cse d py+5% ep		
BG10-72	75.40	76.60	B34551	1.20	<.03	5% q-ank-carb vn's 1/8" @42 w 3-5% cse d py		
BG10-72	87.25	88.30	B34552	1.05	<.03			
BG10-72	88.30	89.00	B34553	0.70	<.03	ser-chl-ank shr; 0.1m q-ank vn@62; 0 py		
BG10-72	89.00	90.00	B34554	1.00	<.03			
BG10-72	90.00	91.50	B34556	1.50	0.137			
BG10-72	91.50	93.00	B34557	1.50	0.069			
BG10-72	93.00	94.50	B34558	1.50	<.03	0.1m 4% f d py assd w q-ank@57		
BG10-72	94.50	96.00	B34559	1.50	<.03			
BG10-72	96.00	97.50	B34560	1.50	<.03			
BG10-72	97.50	99.00	B34561	1.50	<.03			
BG10-72	99.00	100.50	B34562	1.50	<.03	8% q-ank w no py@73+50 w 5% spec; 15% leuc		
BG10-72	100.50	102.00	B34563	1.50	0.069			
BG10-72	102.00	103.50	B34564	1.50	<.03			
BG10-72	103.50	105.00	B34565	1.50	<.03			
BG10-72	105.00	106.50	B34566	1.50	<.03			

Hole_ID	From	To	Sample_#	Length	Au ppm	Description	Au ppm_ck	Au ppm-ck2
BG10-72	106.50	108.00	B34567	1.50	<.03			
BG10-72	108.00	109.50	B34568	1.50	<.03	0.1m q-ank @66 w 3% cse d py; dk gy; 3% f d p		
BG10-72	109.50	111.00	B34569	1.50	<.03	dk gy		
BG10-72	111.00	112.20	B34570	1.20	<.03	dk gy		
BG10-72	112.20	113.20	B34571	1.00	<.03	dk gy; 10% q-ank@45; 5% leuco; 0.05m w 20% cse d py@4		
BG10-72	113.20	114.00	B34572	0.80	1.47	0.3m chl-ser w 5% cse d py; 5% leuco; 0.1m 80% cse py vn@42 w 10% med gy q frag'	1.371	1.577
BG10-72	114.00	115.00	B34574	1.00	<.03	dk pur-gy; 5% cse d py; 5% leuc		
BG10-72	115.00	116.25	B34575	1.25	<.03	0.1m bull q-ank vn@42; 0.3m 5% leuco w 1" q-carb vn w 5% f d py@8		
BG10-72	116.25	117.40	B34576	1.15	<.03	10% leuco; 3/4" 50% cse d py@7		
BG10-72	117.40	118.45	B34577	1.05	<.03	70% of sample w 20% leuco+ bl'd wy; 5% cse d py locy cor		
BG10-72	118.45	119.45	B34578	1.00	0.069	80% of sample w 20% leuco+ bl'd wy+ w 10% q-ank; 5% cse d py locy conc- 10% in 0.1m peak altn@72		
BG10-72	119.45	120.70	B34579	1.25	2.19	peak alt'n -hily bl'd+sil'd; myl brings in 20% leuco+8-20% cse d py locy conc+1/2" dk gy qv w 5% cp+10% cse py; -all@54-62	2.263	2.126
BG10-72	120.70	121.45	B34581	0.75	2.54	70 % hily sil'd+ bl'd w 15% cse d py assd w chl-ank@7	2.606	2.469
BG10-72	121.45	122.30	B34582	0.85	1.20	0.15m hily bl'd+sil'd@57 w20% cse+20% f d py-mauv	1.029	1.371
BG10-72	122.30	123.25	B34583	0.95	<.03	abruptly fresh dk gy		
BG10-72	123.25	124.85	B34584	1.60	<.03			
BG10-72	124.85	126.20	B34586	1.35	0.823	50% 0.1-0.2m mody bl'd+sil'd @43-55-wy hem'd locy-w 10% cse+10% f d py; 5% e		
BG10-72	126.20	127.20	B34587	1.00	0.069			
BG10-72	127.20	127.90	B34588	0.70	1.20	30% 0.1-0.2m mody bl'd+sil'd @43-55-wy hem'd locy-w 10% cse+10% f d py; 5% e	1.166	1.234
BG10-72	127.90	128.65	B34589	0.75	1.68	0.15m 60% cse+20% f py vn@63; locy wy hem'	1.714	1.646
BG10-72	128.65	130.10	B34590	1.45	<.03			
BG10-72	130.10	131.65	B34591	1.55	<.03			
BG10-72	131.65	132.55	B34592	0.90	1.20	50% wy bl'd+sil'd w 5% epi+10% q-ank@62-80 w 15% leuco+5%f+10% cse d p	1.303	1.097
BG10-72	132.55	134.20	B34593	1.65	0.069			
BG10-72	134.20	134.80	B34594	0.60	1.89	0.05m 80% cse py vn@24 within 0.2m hily bl'd+hily sil'd w 10-15% cse d py in wy hem'd w 20% leuco+10% epi	1.920	1.851
BG10-72	134.80	135.70	B34595	0.90	<.03			
BG10-72	135.70	136.60	B34596	0.90	2.98	3/4" 80% cse py vn@35 within 0.2m hily bl'd+hily sil'd w 10-15% cse+20% f d py in wy hem'd w 20% leuco+10% epi; 1" med gy qv frag's in epi-ser-chl w 10% cse d py imm prec by 1/4" 70% cse py vn-all@36	2.949	3.017
BG10-72	136.60	137.95	B34597	1.35	<.03			
BG10-72	137.95	138.60	B34598	0.65	<.03			
BG10-72	138.60	139.70	B34599	1.10	0.069	0.1m +3/4" epi-ser-ank hily bl'd+sil'd w 30% cse d py@4		
BG10-72	139.70	140.90	B34600	1.20	<.03			
BG10-72	140.90	141.60	B34601	0.70	<.03	5% epi		
BG10-72	**141.60**	**142.35**	**B34602**	0.75	**5.62**	**2* 0.1m v hily sil'd+ bl'd w 60% cse+10% f d py @63+68 in 0.4m 20% leuco+5% e**	**5.211**	**6.034**
BG10-72	142.35	143.20	B34603	0.85	<.03	10% epi		
BG10-72	143.20	144.10	B34604	0.90	0.069	3* 0.05m 70% epi w 10% cse d py@38+6		
BG10-72	144.10	145.50	B34605	1.40	<.03			
BG10-72	145.50	147.00	B34606	1.50	<.03	1/2" q-ank vn vuggy w 5% cp@2		
BG10-72	147.00	147.95	B34607	0.95	<.03			
BG10-72	147.95	148.90	B34608	0.95	<.03	0.1m w 20% leuco+ 5% cse d py		
BG10-72	150.00	150.80	B34609	0.80	<.03			

Hole_ID	From	To	Sample_#	Length	Au ppm	Description	Au ppm_ck	Au ppm-ck2
BG10-72	150.80	152.00	B34610	1.20	0.069			
BG10-72	152.00	153.30	B34612	1.30	0.137	0.2m 20% leuco w 10% q-ank+ 10% cse d p		
BG10-72	153.30	154.05	B34613	0.75	0.411	1/4" +3* 1/8" 30% cse py vn's assd w q-ank @5		
BG10-72	154.05	155.10	B34614	1.05	0.069	50% sample w 10% leuc		
BG10-72	155.10	155.90	B34615	0.80	0.343	10% leuc		
BG10-72	155.90	156.90	B34616	1.00	1.65	flt; 20% leuco in hily sil'd+ bl'd w 0.1m 60% cse d py@43 imm foll by 0.2m sil-q-ank w 10% cp; 3/4" q-ank v @40 x-cuts 1/2" 40% cse+10% f py vn@34	1.646	1.646
BG10-72	156.90	157.80	B34618	0.90	<.03	90% massive bullish q-ank vn@3		
BG10-72	157.80	158.50	B34619	0.70	0.754			
BG10-72	158.50	159.25	B34620	0.75	1.20	0.2m q-ank vn w 20% chl fract's+chl'c wallrock ang frags w 50% cse+f d py in frag's; imm prec by 1" 40% f d p all@45 imm foll by flt	1.371	1.029
BG10-72	159.25	160.00	B34621	0.75	<.03	1/2" q-ank-carb vn imm foll by 10% f+10% cse d py@4		
BG10-72	160.00	161.00	B34622	1.00	0.617	wk luec flec; wk q str tr p		
BG10-72	161.00	162.00	B34623	1.00	<.03	wk py stringe		
BG10-72	166.50	168.00	B34624	1.50	<.03	wk py stringer at 50dca at 167.0n		
BG10-72	168.00	169.50	B34625	1.50	<.03	1% py as thds, mod epid, occ magnetite clots as partially dev'd st		
BG10-72	169.50	171.00	B34626	1.50	4.15	+5% diss py bands ass'd with non-mag 2-4cm hem strs at 80-65dc	3.634	4.663
BG10-72	171.00	172.50	B34627	1.50	<.03	trace - 0.5% p		
BG10-72	172.50	173.50	B34628	1.00	<.03	trace py ass'd with qc th		
BG10-72	173.50	174.60	B34629	1.10	1.20	+5% m-fg diss py & occ thds ass'd with qc strs, hem bands and epid patches at 70 & 140d	1.234	1.166
BG10-72	174.60	175.60	B34630	1.00	<.03	trace py as xcutting th		
BG10-72	175.60	176.75	B34631	1.15	<.03	3% py as wk strs & thds filling fracture		
BG10-72	176.75	177.60	B34632	0.85	1.47	4-5% py as strs & thds ass'd with leucox and epid strs at 60dc	1.440	1.509
BG10-72	177.60	178.25	B34634	0.65	0.069	0.5% py only wk altr		
BG10-72	178.25	179.00	B34635	0.75	1.17	1+% py, mod-str leucox and patchy hem alt	1.166	1.166
BG10-72	179.00	179.50	B34636	0.50	2.13	7% py as SMS strs ass'd with diss leucox and silica-hem bandin	2.126	2.126
BG10-72	179.50	181.00	B34638	1.50	<.03	NSM (no sig min'n), 5% cc strs & thds, tr tour , trace epi		
BG10-72	181.00	182.50	B34639	1.50	<.03	NSM minor epid-cc thd		
BG10-72	182.50	184.00	B34640	1.50	<.03	trace fg py, mod carb-ebid thds, occ qtz-thds/str		
BG10-72	184.00	185.00	B34641	1.00	0.960	ditto		
BG10-72	185.00	186.00	B34642	1.00	<.03	ditto		
BG10-72	186.00	186.60	B34643	0.60	1.71	weak py stringe	1.714	1.714
BG10-72	186.60	187.50	B34644	0.90	<.03	NSM		
BG10-72	187.50	189.00	B34645	1.50	<.03	trace py as wk py st		
BG10-73	20.50	21.65	B27824	1.15	<.03			
BG10-73	21.65	22.40	B27825	0.75	<.03			
BG10-73	22.40	24.00	B27826	1.60	<.03	10% q-ank vn's to 3/4"@27		
BG10-73	24.00	25.50	B27827	1.50	<.03	10% q-ank vn's to 3/4"@14-39; wy bl'		
BG10-73	25.50	27.00	B27828	1.50	<.03	3% cse bleb py@62		
BG10-73	27.00	28.50	B27829	1.50	<.03	0.1m bl'd w 20% q-ank@8		
BG10-73	28.50	30.00	B27830	1.50	<.03	0.2m wy bl'd@52		
BG10-73	30.00	31.05	B27831	1.05	0.069			
BG10-73	31.05	32.05	B27832	1.00	0.549	0.4m bl'd+ shr'd w ser-chl-sil@54 w 15% q-ank+15% cse d p		
BG10-73	32.05	33.00	B27833	0.95	0.137			
BG10-73	33.00	34.50	B27834	1.50	0.069	10% q-ank vn's to 3/4"@45		

Hole_ID	From	To	Sample_#	Length	Au ppm	Description	Au ppm_ck	Au ppm-ck2
BG10-73	34.50	36.00	B27835	1.50	0.137	20% q-ank vn's to 3/4"@37; bl'c		
BG10-73	36.00	37.25	B27836	1.25	0.069			
BG10-73	37.25	38.00	B27837	0.75	0.069	0.2m shr'd, mody sil'd w ser-chl-sil wy bl'd ending on 1/4"-1/2" clay gouge flt@37 w 3% f d py+ rare		
BG10-73	38.00	39.00	B27838	1.00	0.480	0.1m q-ank@71+140		
BG10-73	39.00	40.50	B27839	1.50	<.03			
BG10-73	40.50	42.00	B27840	1.50	<.03	rare cp in q-ank		
BG10-73	42.00	43.50	B27841	1.50	0.480	3* 1/4" chl-ank shr's w 5-8% cse d py@37+56		
BG10-73	43.50	45.00	B27842	1.50	<.03			
BG10-73	45.00	46.35	B27843	1.35	0.069			
BG10-73	46.35	47.20	B27844	0.85	0.069	50% q-ank-chl @37; 1/4" 50% cse py vn@47		
BG10-73	47.20	48.40	B27845	1.20	0.069	0.05m sil'd w ser-chl-ank w 30% cse d py@48; 20% q-ank-chl-ser + flt's@6		
BG10-73	48.40	49.90	B27846	1.50	<.03	3* 1/4" 40% cse py vn's@54+110		
BG10-73	49.90	50.55	B27847	0.65	<.03	20% q-ank-chl@62		
BG10-73	50.55	51.30	B27848	0.75	<.03	10% q-ank; 1/4" 50% cse py vn @24		
BG10-73	51.30	52.35	B27849	1.05	<.03	15% q-ank in hily bl'd olive gn zone ; flt imm foll by 1" q-ank-chl v		
BG10-73	52.35	53.80	B27850	1.45	0.206			
BG10-73	53.80	54.60	B27852	0.80	0.823			
BG10-73	54.60	55.60	B27853	1.00	<.03			
BG10-73	55.60	56.25	B27854	0.65	0.274	1/4" 70% cse py vn@47;		
BG10-73	56.25	57.00	B27855	0.75	<.03			
BG10-73	57.00	58.50	B27856	1.50	<.03			
BG10-73	58.50	60.00	B27857	1.50	<.03			
BG10-73	60.00	61.30	B27858	1.30	<.03	1" q-ank bull vn@15 + 2" q-ank+bx vn@56 bullis		
BG10-73	61.30	62.30	B27859	1.00	0.411	1" mauve bl'd sil'd zone w20% cse+ f d py@61; 0.1m wy bl'd w 20% cse d py@7		
BG10-73	62.30	63.50	B27860	1.20	<.03			
BG10-73	63.50	64.40	B27861	0.90	<.03			
BG10-73	64.40	65.00	B27862	0.60	<.03			
BG10-73	65.00	66.20	B27863	1.20	<.03			
BG10-73	66.20	67.10	B27864	0.90	0.069			
BG10-73	67.10	68.10	B27865	1.00	<.03			
BG10-73	68.10	69.00	B27866	0.90	<.03			
BG10-73	69.00	70.70	B27867	1.70	<.03			
BG10-73	70.70	72.00	B27868	1.30	<.03			
BG10-73	72.00	73.50	B27869	1.50	<.03			
BG10-73	73.50	75.00	B27870	1.50	<.03			
BG10-73	75.00	76.50	B27871	1.50	<.03			
BG10-73	76.50	77.65	B27872	1.15	<.03			
BG10-73	77.65	78.45	B27873	0.80	0.274	3/4" 50% cse py vn@68; 1/2"-1" q-ank vn's @5		
BG10-73	78.45	79.50	B27874	1.05	<.03	1" epi-sil vn@66 w 8-10% cse d py		
BG10-73	79.50	80.30	B27875	0.80	<.03			
BG10-73	80.30	80.95	B27876	0.65	<.03	5-8% cse d py in BC		
BG10-73	80.95	82.50	B27877	1.55	<.03			
BG10-73	82.50	84.00	B27878	1.50	0.206			
BG10-73	84.00	85.10	B27879	1.10	<.03			
BG10-73	85.10	85.85	B27881	0.75	<.03	ser-chl-q-ank shr zone w multiple tight flt's+ rare f py+ 0.1m bull pa gy qv-all@80; gouge lo		

Hole_ID	From	To	Sample_#	Length	Au ppm	Description	Au ppm_ck	Au ppm-ck2
BG10-73	85.85	87.00	B27883	1.15	<.03			
BG10-73	87.00	88.50	B27884	1.50	<.03			
BG10-73	88.50	90.00	B27885	1.50	<.03			
BG10-73	90.00	91.50	B27886	1.50	<.03			
BG10-73	91.50	93.00	B27887	1.50	<.03			
BG10-73	93.00	94.50	B27888	1.50	<.03			
BG10-73	94.50	96.00	B27889	1.50	<.03	20% leuco@70 assd w spec-ank		
BG10-73	96.00	97.50	B27890	1.50	<.03	rare slip w 5% cse py		
BG10-73	97.50	99.00	B27891	1.50	<.03	1/2" epi w 8% cse d py@70		
BG10-73	99.00	100.50	B27892	1.50	<.03	2% cse d py assd w chl-epi fract's@43		
BG10-73	100.50	101.15	B27893	0.65	<.03			
BG10-73	101.15	102.00	B27894	0.85	<.03	1 bleb 1/4" cp in chl-ank		
BG10-73	102.00	103.50	B27895	1.50	<.03			
BG10-73	103.50	105.00	B27896	1.50	<.03			
BG10-73	105.00	106.50	B27897	1.50	<.03			
BG10-73	106.50	108.00	B27898	1.50	<.03			
BG10-73	108.00	109.50	B27899	1.50	<.03	0.1m bull q-ank vn@27		
BG10-73	109.50	111.00	B27900	1.50	<.03			
BG10-73	111.00	112.50	B27901	1.50	<.03	10% q-ank@45; last 0.3m 5% cse py in str's@15; 1/4" pk carb vn@35 w 10% cse py on ct		
BG10-73	112.50	114.00	B27902	1.50	<.03	dk gy; wy sil'd locy; chl-spec; 5% f d py; 1/4" 30% f py vn@33; 20% leuco in last 0.2		
BG10-73	114.00	115.10	B27903	1.10	<.03	20% leuco throughout; 15% q-ank@33+60; 3% cse d p		
BG10-73	115.10	115.90	B27904	0.80	<.03	20% leuco throughout; 15% q-ank@33+60; 3% cse d p		
BG10-73	115.90	117.00	B27905	1.10	0.137	20% leuco throughout; 15% q-ank; 0.1m chl-sil-ser zone w 50% cse py@67; 3* 1/8"-1/4" 50% cse py vn's@65 1" med gy qv w 30% cse py@51		
BG10-73	117.00	118.10	B27907	1.10	<.03	much fresher abruptly @70		
BG10-73	118.10	118.75	B27908	0.65	<.03	20% leuco throughout; 5% q-ank@75; 5-6% cse d p		
BG10-73	118.75	119.65	B27910	0.90	1.68	0.1m ser-chl-ank shear imm foll by 0.1m 80% f py vn imm foll by 0.1m 80% cse py vn brings in peak alt'n-si buff bl'd, 20% leuco, -all@57	1.646	1.714
BG10-73	119.65	120.60	B27912	0.95	1.27	20% leuco throughout; 8% cse d + vn p	1.234	1.303
BG10-73	120.60	121.50	B27913	0.90	0.617	20% leuco throughout; 0.05m sil'd@40 w 50% cse+ f d py in q-ank-sil-cl		
BG10-73	121.50	122.50	B27914	1.00	0.617	50% w 20% leuco; 2-3% cse d py		
BG10-73	122.50	123.50	B27915	1.00	0.411	0.2m 20% leuco w 5-20% cse d py@57		
BG10-73	123.50	124.40	B27916	0.90	1.51	0.1m 20% leuco sil'd w 10-15% f d py@52	1.714	1.303
BG10-73	124.40	125.10	B27917	0.70	1.54	70% up to 0.1m sil'd bl'd zones w 20% leuco+20% f d p	1.509	1.577
BG10-73	125.10	126.00	B27918	0.90	0.274			
BG10-73	126.00	126.65	B27919	0.65	1.166	0.1m 20% leuco, sil'd, bl'd w20-30% f d py-well min'd@6	1.234	1.097
BG10-73	126.65	127.50	B27920	0.85	<.03			
BG10-73	127.50	128.50	B27921	1.00	<.03	2* 1/4" pa gy qv's w 5-8% f d py@10+30		
BG10-73	128.50	130.00	B27922	1.50	<.03			
BG10-73	130.00	131.25	B27923	1.25	<.03			
BG10-73	131.25	132.00	B27924	0.75	1.06	0.1m 20% leuco w 2* 1/2" 80% f py vn's@50	1.029	1.097
BG10-73	132.00	133.50	B27925	1.50	<.03			
BG10-73	133.50	135.00	B27926	1.50	<.03	2* 1/4" pa gy qv's w 5-8% f d py@22 assd w ep		
BG10-73	135.00	135.70	B27927	0.70	0.686	0.05m 20% leuco w 1/8"-1/4" 70% cse py vn+10% cse d py@5		
BG10-73	135.70	136.55	B27928	0.85	1.78	0.5m sil'd bl'd 20% leuco w 15% cse d py@50	1.851	1.714

Hole_ID	From	To	Sample_#	Length	Au ppm	Description	Au ppm_ck	Au ppm-ck2
BG10-73	136.55	138.00	B27929	1.45	<.03			
BG10-73	138.00	139.50	B27930	1.50	<.03	1/4"-1/2" pa gy qv w 10% spec+ rare cp@3		
BG10-73	139.50	140.15	B27931	0.65	0.617	0.1m 20% leuco w 20% cse d py+10% q-ank@5		
BG10-73	140.15	141.00	B27932	0.85	<.03	1/8" med gy qv w 8% cse d py@4		
BG10-73	141.00	142.50	B27933	1.50	<.03			
BG10-73	142.50	144.00	B27934	1.50	<.03			
BG10-73	144.00	144.65	B27935	0.65	<.03	1" dk gy qv w 10% f d py@4		
BG10-73	144.65	145.50	B27936	0.85	<.03			
BG10-73	145.50	147.00	B27937	1.50	<.03			
BG10-73	147.00	147.85	B27938	0.85	<.03	0.05m ser-epi zone w 20% f d py@2		
BG10-73	147.85	148.80	B27939	0.95	<.03			
BG10-73	148.80	149.30	B27940	0.50	<.03			
BG10-73	149.30	150.70	B27941	1.40	0.069			
BG10-73	150.70	152.05	B27942	1.35	0.206	0.1m 20% leuco@57		
BG10-73	152.05	153.55	B27943	1.50	0.069			
BG10-73	153.55	154.25	B27944	0.70	0.480	0.1m bl'd sil'd w 20% f d py in 20% leuco @65; 1" dk gy qv@26 w 10-15% cse d py		
BG10-73	154.25	155.20	B27945	0.95	0.823	0.2m bl'd, sil'd w 10-15% cse d py+20% leuco@4		
BG10-73	155.20	156.00	B27946	0.80	<.03			
BG10-73	156.00	157.50	B27948	1.50	1.30		1.440	1.166
BG10-73	157.50	158.60	B27949	1.10	<.03	20% leuco; 0.1m q-ank vn@37		
BG10-73	158.60	159.65	B27950	1.05	<.03	80% massive dolo-qtz vn@60 is bullish w chl'd wallrock frag		
BG10-73	**159.65**	**160.55**	**B34001**	0.90	**5.83**	**0.1m 70% cse py vn@52 in chl-sil-ank in 20% leuco**	**6.377**	**5.280**
BG10-73	160.55	161.70	B34003	1.15	0.206	15% leuco		
BG10-73	161.70	162.80	B34004	1.10	<.03			
BG10-73	162.80	164.00	B34005	1.20	<.03			
BG10-73	164.00	164.80	B34006	0.80	1.54	0.4m hem'd br-red w 20% leuco+5-8% cse d py@4	1.783	1.303
BG10-73	164.80	166.00	B34007	1.20	<.03			
BG10-73	166.00	167.25	B34008	1.25	<.03			
BG10-73	167.25	168.10	B34009	0.85	0.069			
BG10-73	168.10	168.85	B34010	0.75	2.19	80% hem'd br-red w 20% leuco+10-20% cse d py@5	2.126	2.263
BG10-73	168.85	169.85	B34011	1.00	<.03			
BG10-73	169.85	170.75	B34012	0.90	1.37	0.1m 20% leuco sil'd w 20% cse+10% f d py; wy hem'	1.303	1.440
BG10-73	170.75	171.45	B34013	0.70	1.58	0.15m 20% leuco sil'd w 20% cse+10% f d py; wy hem'd centred on 1/4" q-ank vn@	1.509	1.646
BG10-73	171.45	172.70	B34014	1.25	<.03	2* 1/4" 70% cse py vn's@6		
BG10-73	172.70	174.00	B34015	1.30	<.03			
BG10-73	174.00	175.00	B34016	1.00	0.343	0.1m 20% leuco sil'd w 5-8% cse d py; wy hem'		
BG10-73	175.00	175.90	B34017	0.90	1.23	80% hem'd red-br w 20% leuco+5% cse d py@55; 0.1m carb-qtz-chl vn bull	1.234	1.234
BG10-73	175.90	177.00	B34018	1.10	2.57	20% leuco; locy wy hem'd; 15% epi vn's@7	1.783	3.360
BG10-73	177.00	177.95	B34019	0.95	1.82	15% epi; 20% leuco; 5% cse d py; locy hem'd br-red@5	1.783	1.851
BG10-73	177.95	179.10	B34020	1.15	2.64	1/2" med gy qv w 3-5% cse d py@56; 15% epi; locy wy hem'd; 10%leu	2.949	2.331
BG10-73	179.10	180.50	B34021	1.40	<.03	1/2" q-ank vn vuggy w 10% cp cuts epi @12		
BG10-73	180.50	182.00	B34022	1.50	<.03			
BG10-73	182.00	183.00	B34023	1.00	2.85		2.263	3.429

Hole_ID	From	To	Sample_#	Length	Au ppm	Description	Au ppm_ck	Au ppm-ck2
BG10-73	**183.00**	**183.90**	**B34024**	0.90	**8.06**	**3/4" dk gy qv -almost chty- w 10% f d py+ 20% cse py on ct's for 1/2" either way assd w epi; 0.3m hem'd brick red assd w 2* 1/2" q-dolo vn'@23 w 15% cse+5% f d py in BC**	**8.229**	**7.886**
BG10-73	183.90	184.90	B34025	1.00	<.03			
BG10-73	184.90	186.40	B34026	1.50	0.069			
BG10-73	186.40	187.85	B34027	1.45	0.069			
BG10-73	187.85	189.00	B34028	1.15	<.03			
BG10-73	189.00	190.50	B34029	1.50	0.069			
BG10-73	190.50	192.00	B34030	1.50	<.03			
BG10-73	192.00	193.50	B34031	1.50	0.617			
BG10-73	193.50	195.00	B34032	1.50	<.03			
BG10-76	25.80	26.85	B34191	1.05	0.069	2% q-dolo		
BG10-76	26.85	27.95	B34192	1.10	0.480	3* 1/4"-1/2" 60% cse py vn's in q-dolo @75-8		
BG10-76	27.95	29.00	B34193	1.05	<.03	flt imm prec by 0.15m 5% cse d py in ser-chl-dol		
BG10-76	29.00	29.90	B34194	0.90	0.960	hem'd stry to red-br (or sy dyke) w 10% q-dolo+10% ser@58 w shrp ct w 10% cse d py; 1/4"+0.1m 60% cse p vn's@54		
BG10-76	29.90	30.95	B34196	1.05	0.411	5% cse d py in dk gn chl-q-dolo (40%) that becomes bone wt over 0.05m@		
BG10-76	30.95	32.15	B34197	1.20	0.137	20% q-dolo		
BG10-76	32.15	33.00	B34198	0.85	0.480	1" gouge in BC imm prec by 0.2m myl bone wt w 10-15% f d py + w 3/4" gy chl-sil @47 w 30% f d py imm pre by 0.1m hily bl'd hily sil'd zone w 5% cse d py		
BG10-76	33.00	33.85	B34199	0.85	<.03	fresh suddenly @ flt		
BG10-76	43.00	43.90	B34200	0.90	0.069			
BG10-76	43.90	44.90	B34201	1.00	<.03	0.2m mody hem'd to red-br w rare cse d py+ 1" q-dolo vn w rare py in BC@		
BG10-76	44.90	45.70	B34202	0.80	<.03	flt imm foll by BC w 0.1m brick red hily hem'd w 2% cse d py-could be sy dyl		
BG10-76	45.70	47.00	B34203	1.30	0.343	0.1m wy hem'd@73 w 5% cse d py assd w pk car		
BG10-76	47.00	47.70	B34204	0.70	0.343	0.2m hem'd hily brick red-could be sy dyke- w 0.05m q-dolo vn@58-hem'n w 3% cse d py; imm prec by 0.2m hem'd w 10% cse d py; imm foll by posy Basic Syenite (looks like 10% augite pa gn pheno's but grades back to fel sy		
BG10-76	47.70	48.90	B34205	1.20	<.03	1/2" pa gy qv imm prec by 1/8" 50% cse py vn@7		
BG10-76	48.90	49.90	B34206	1.00	0.137			
BG10-76	49.90	51.15	B34207	1.25	0.069	ct in BC w mody bl'd; 1.5" q-dolo vn centres 0.2m hily bl'd zone-both@39- w 30% cp massive ble		
BG10-76	51.15	52.35	B34208	1.20	<.03	fresh		
BG10-76	54.10	54.85	B34210	0.75	<.03			
BG10-76	54.85	55.90	B34211	1.05	<.03	slip imm foll by 1/2" pk carb; 10% q-dolo; bl'd w		
BG10-76	55.90	57.00	B34212	1.10	0.823	30% q-ank vn's@65; bl'd hily; ct in GC imm prec by 1/4" sil'd chl vn w 5% cse d py@85 imm prec by 0.05m dolo imm prec by 1/8"-1" 80% cse py vn@120 overprinting q-ank		
BG10-76	57.00	58.50	B34213	1.50	0.069	5% spec vn's@59		
BG10-76	58.50	60.00	B34214	1.50	<.03	10% q-ank		
BG10-76	60.00	61.50	B34215	1.50	<.03	10% q-ank		
BG10-76	61.50	62.60	B34216	1.10	0.137	alt'n(bedding?)@47 incl 1/2" 50% cse py vn x-cut by q-ank 1/4" vn's@130; locy 10% leu		
BG10-76	62.60	63.45	B34217	0.85	<.03	dk pur; v hily mag		
BG10-76	63.45	65.00	B34218	1.55	<.03			
BG10-76	65.00	65.80	B34219	0.80	<.03	1/2" 70% cse py vn@77 imm foll by 0.1m q-ank+chl+ sil'd w 5% cse d p		
BG10-76	65.80	67.35	B34220	1.55	<.03			
BG10-76	67.35	68.30	B34221	0.95	<.03			

Hole_ID	From	To	Sample_#	Length	Au ppm	Description	Au ppm_ck	Au ppm-ck2
BG10-76	68.30	69.00	B34222	0.70	<.03	0.05m 5%cse+5% f d py@85 in wy sil'd chlc zone imm foll by 0.1m fresh imm foll by 1" BC w q-dolo w 30 chl+rare py@53		
BG10-76	69.00	69.90	B34223	0.90	<.03			
BG10-76	69.90	71.20	B34224	1.30	<.03			
BG10-76	71.20	72.50	B34225	1.30	<.03			
BG10-76	72.50	73.90	B34226	1.40	<.03	1/4" q-ank+5% spec		
BG10-76	73.90	74.50	B34227	0.60	<.03	1" 60% cse py vn@73 assd w pa gy qv imm foll by 0.15m 5% cse d p		
BG10-76	74.50	75.65	B34229	1.15	<.03			
BG10-76	75.65	76.70	B34230	1.05	<.03			
BG10-76	76.70	78.15	B34231	1.45	<.03	ct		
BG10-76	78.15	79.50	B34232	1.35	<.03			
BG10-76	79.50	81.00	B34233	1.50	<.03			
BG10-76	81.00	82.50	B34234	1.50	<.03			
BG10-76	82.50	84.00	B34235	1.50	<.03			
BG10-76	84.00	85.50	B34236	1.50	<.03			
BG10-76	85.50	86.70	B34237	1.20	<.03	5-8% cse d py; wy locy sil'd; 15% leuco; @65; wy bl'		
BG10-76	86.70	88.15	B34239	1.45	<.03			
BG10-76	88.15	89.05	B34240	0.90	<.03	BC		
BG10-76	89.05	90.00	B34241	0.95	0.069	BC		
BG10-76	90.00	91.50	B34242	1.50	0.137	BC; rare cp in 1/8" q-ank vn's@4(		
BG10-76	91.50	93.00	B34243	1.50	<.03	BC		
BG10-76	93.00	93.90	B34244	0.90	<.03	0.15m wy sil'd w 8% spec+ 20% q-ank+ 1/2" 50% cse py vn@5		
BG10-76	93.90	94.80	B34245	0.90	<.03			
BG10-76	94.80	95.50	B34246	0.70	0.480	0.1m wy sil'd w 20% leuco+/2" q-ank vn w v1/4" magn vn imm prec y 1/2"80% cse py vn-all@		
BG10-76	95.50	96.55	B34247	1.05	<.03			
BG10-76	96.55	97.50	B34248	0.95	<.03			
BG10-76	97.50	99.00	B34249	1.50	<.03			
BG10-76	99.00	100.50	B34250	1.50	<.03	3/4" magn vn@56 w 1/8" ch		
BG10-76	100.50	102.00	B34251	1.50	<.03			
BG10-76	102.00	103.05	B34252	1.05	0.274	1.5" 60% cse py+5% cp vn@85 in 0.1m bl'd zone w 5% cse d p		
BG10-76	103.05	104.25	B34253	1.20	<.03			
BG10-76	104.25	105.40	B34254	1.15	<.03	inc'g bl'd w 5% leuco+ 15% anl		
BG10-76	105.40	106.50	B34255	1.10	<.03	flt in 0.3m intensely bl'd+ shr'd wt zone; 35% ank; hily bl'd; 5% spec blebs+vn		
BG10-76	106.50	108.00	B34256	1.50	<.03	5* 1/8"-3/4" 70% cse py vn's@67		
BG10-76	108.00	109.50	B34257	1.50	0.960	2* 1/8" 50% cse py vn's@68 in 1" bl'(		
BG10-76	109.50	111.00	B34258	1.50	<.03			
BG10-76	111.00	112.50	B34259	1.50	<.03			
BG10-76	112.50	113.70	B34260	1.20	0.069			
BG10-76	113.70	114.60	B34261	0.90	<.03			
BG10-76	114.60	115.65	B34262	1.05	0.754	inc'g bl'd+ sil'd; 10% ank; 0.3m w 10-15% cse d py@6		
BG10-76	115.65	116.40	B34263	0.75	0.549	inc'g bl'd+ sil'd; 10% ank; 5% leuco; 3% cse d p		
BG10-76	116.40	117.60	B34264	1.20	1.27	flt centres peak alt'n-sil'd, bl'd w mauve hue w 15% cse+20% f d py; 1/2" pa gy qv@49 w 5% cse d py; 1/8" myl	1.371	1.166
BG10-76	117.60	118.25	B34266	0.65	0.686	15% leuco; locy bl'd+ sil'd w 5% f d p		
BG10-76	118.25	119.20	B34267	0.95	0.274	10% q-ank		

Hole_ID	From	To	Sample_#	Length	Au ppm	Description	Au ppm_ck	Au ppm-ck2
BG10-76	119.20	120.00	B34269	0.80	2.19	50% sample w 20% leuco+ 15% f d py+ ser-chl wk shrin	2.126	2.263
BG10-76	120.00	121.20	B34270	1.20	0.754	15% bull q-ank vn's@42; 5% leuc		
BG10-76	121.20	122.40	B34271	1.20	0.891	0.15m 5% leuco+ wk sil'n+5% f d py@4		
BG10-76	122.40	123.40	B34272	1.00	1.68	70% sample w 20% leuco+5% cse d p	1.714	1.646
BG10-76	123.40	124.60	B34273	1.20	<.03			
BG10-76	124.60	125.80	B34274	1.20	<.03	1/2" q-ank vn@64 w 0.1m 5% leuco+ 3% cse d p		
BG10-76	125.80	126.95	B34275	1.15	<.03			
BG10-76	126.95	128.20	B34276	1.25	0.891	50% sample w 20% leuco+5% cse d p		
BG10-76	128.20	129.60	B34277	1.40	<.03	0.1m w 20% leuco+5% cse d py@6		
BG10-76	129.60	130.85	B34278	1.25	0.686	30% sample w 20% leuco+5% cse d p		
BG10-76	130.85	132.00	B34279	1.15	0.274	0.1m w 20% leuco+15% cse+f d py@6		
BG10-76	132.00	133.00	B34280	1.00	0.549	30% sample w 20% leuco+8% cse d p		
BG10-76	133.00	133.85	B34281	0.85	0.686	0.2m wy hem'd w 20% leuco+mody sil'd+30% f+20% cse d py@7		
BG10-76	133.85	135.00	B34282	1.15	<.03	1/4" chl vn centres 0.1m 20% leuco+ 5% cse d py@6		
BG10-76	135.00	135.80	B34283	0.80	<.03			
BG10-76	135.80	137.05	B34284	1.25	0.069	70% sample w 20% leuco+3-5% cse d py-wy hem'd locy; @85+4		
BG10-76	137.05	138.00	B34285	0.95	<.03			
BG10-76	138.00	139.05	B34286	1.05	<.03			
BG10-76	139.05	140.20	B34287	1.15	3.33	80% sample w 20% leuco+3-5% cse d py-wy hem'd locy; @52; bl'd+ wy sil	2.949	3.703
BG10-76	140.20	141.50	B34288	1.30	2.98	30% sample w 20% leuco+5% cse d p	3.360	2.606
BG10-76	141.50	142.50	B34289	1.00	0.823	50% sample w 20% leuco+5% cse d p		
BG10-76	142.50	143.60	B34290	1.10	3.43		3.703	3.154
BG10-76	143.60	144.75	B34291	1.15	4.35	hem'd red-br; 20% leuco throughout; 5% q-ank 1/4" vn's@75; 10%-20% locy conc f+20% cse d py; @58 w 1/2 50% cse py-chl vn@80 later	4.320	4.389
BG10-76	144.75	145.60	B34292	0.85	2.30	60% hem'd red-br; 20% leuco throughout; 5% q-ank 1/4" vn's@75; 5% f+10% cse d p	2.263	2.331
BG10-76	145.60	146.75	B34293	1.15	1.37		1.166	1.577
BG10-76	146.75	147.60	B34294	0.85	3.77	50% sample w 20% leuco+15% cse+f d py@5	3.429	4.114
BG10-76	147.60	148.30	B34295	0.70	3.26	70% sample w 20% leuco+15% cse+f d py@60 inc'g downhole; locy wy hem'd; 1/4"-1" chl-sil vn w 10% f py@54	4.114	2.400
BG10-76	**148.30**	**149.55**	**B34297**	1.25	**6.31**	**all wy hem'd, sil'd+ bl'd w 20% leuco+10% f +5% cse d p**	**5.554**	**7.063**
BG10-76	149.55	150.55	B34298	1.00	3.77	all wy hem'd, sil'd+ bl'd w 20% leuco+10% f +5% cse d py; 1/8"chl-sil vn@90 w 5% f d p	3.429	4.114
BG10-76	150.55	151.55	B34299	1.00	3.26	85% wy hem'd, sil'd+ bl'd w 20% leuco+10% f +10% cse d py; 1/2" 70% cse py vn@7	3.223	3.291
BG10-76	151.55	152.65	B34300	1.10	3.39	peak alt'n; all stry sil'd+ bl'd w 20% leuco+25% f +30% cse d py+ vn py to 0.1m@65-85; flt is 0.1m chl-qtz-ar frag's ending alt'n suddenly	3.223	3.566
BG10-76	152.65	153.35	B34302	0.70	<.03	0.05m myl buff aph ser-ank; 0.2m q-ank vn@38; 5% cse d p		
BG10-76	153.35	154.60	B34304	1.25	<.03	pur; 3% cse d py; 5% pkish 1/8"-1/4" q-dolo vn's gen @35 w 5% cse d p		
BG10-76	**154.60**	**155.35**	**B34305**	0.75	**5.11**	**0.15m dk gy qv (locy more chl-sil) @57 sim in appearance to hole 22 qv- this w 10% cse d py +4 specks V.G.+ posy nest tellurides; in 0.25m hily bl'd+ sil'd zone w 10% leuco w 15% cse d py wy hem'd on ct's;imm foll by 0.2m 20% leuco w 10% cse d py+ sil'd+hem'd wy @68**	**4.594**	**5.623**
BG10-76	155.35	156.00	B34306	0.65	0.274	qv imm foll by 0.2m 20% leuco w 10% cse d py+ sil'd+hem'd wy @6		
BG10-76	156.00	157.10	B34307	1.10	<.03	freshens quickly		
BG10-76	157.10	158.55	B34308	1.45	<.03			
BG10-76	158.55	160.00	B34309	1.45	<.03	0.1m magn vn's @27		
BG10-76	160.00	161.40	B34310	1.40	<.03			
BG10-76	161.40	162.85	B34311	1.45	<.03			

Hole_ID	From	To	Sample_#	Length	Au ppm	Description	Au ppm_ck	Au ppm-ck2
BG10-76	162.85	163.90	B34312	1.05	0.069			
BG10-76	163.90	165.30	B34313	1.40	<.03			
BG10-76	165.30	166.70	B34314	1.40	<.03			
BG10-76	166.70	167.40	B34315	0.70	<.03	1" q-dolo vn@12 w 10% chl clots+5% cp blebs-vugg		
BG10-76	167.40	168.80	B34316	1.40	<.03	20% epi@57		
BG10-76	168.80	170.00	B34317	1.20	<.03			
BG10-76	170.00	170.70	B34318	0.70	<.03			
BG10-76	170.70	171.80	B34319	1.10	<.03			
BG10-76	171.80	172.90	B34320	1.10	<.03	1/2" q-dolo vn@30 w 10% chl clots+5% cp blebs-vuggy imm prec by 1/8" magn		
BG10-76	172.90	174.00	B34321	1.10	<.03			
BG10-76	174.00	174.90	B34322	0.90	0.206	1" q-dolo vn@12 w 10% chl clots+5% cp blebs-vuggy; BC ; 3/4" sim vn @6		
BG10-76	174.90	175.80	B34323	0.90	0.069			
BG10-76	175.80	177.00	B34324	1.20	0.960			
BG10-76	177.00	177.80	B34325	0.80	0.960	20% brick red mineral up to 1" vn's @30-42 posy anh? Assd w ser-chl-e		
BG10-76	177.80	178.90	B34326	1.10	2.64		2.674	2.606
BG10-76	178.90	180.00	B34327	1.10	0.686	0.05m br wy hem'd?@8		
BG10-77	32.90	33.60	B45673	0.70	<.03	flt at 33.1m at 30 deg TCA; strng perv carb; 1% diss p		
BG10-77	33.60	34.60	B45674	1.00	0.206	strng carb alt'n; 1% diss py		
BG10-77	34.60	35.30	B45675	0.70	0.617	1-2% f.g. Diss py mostly at 35.16 to 35.18 along slip veins at 55 deg TC		
BG10-77	35.30	36.00	B45676	0.70	<.03	1% diss py in matri		
BG10-77	36.00	37.00	B45678	1.00	0.617	occasional <0.20 cm fract's with py; overall 1% p		
BG10-77	37.00	37.70	B45679	0.70	0.960	strng perv carb- bleached appearance; 1-2% py in hairline frac's & clots; chl bx possible healed flt at 37.56 <0.1 cm wide		
BG10-77	**37.70**	**38.40**	**B45680**	0.70	2.06	**at 38.15m - 3cm + 2 cm wide sub parallel carb+ qtz veins with 50-60% py at 45 deg TCA; strong muc gouge fault at 38.5m; west extension of 20 Vein? Bidgood Main Bk? not likely, fault would be before vein not after.**	1.989	2.126
BG10-77	**38.40**	**39.30**	**B45682**	0.90	**0.480**	**38.42 to 39.2 strong Fault (Bidgood Main Bk?); at 38.5 5cm wide cataclasite + mud gouge; 25% whit carb veining 38.52 to 38.92 m with strong chl & slip fabric**		
BG10-77	39.30	40.30	B45683	1.00	<.03	<1% diss py; 15% qtz+carb veinin		
BG10-77	40.30	41.60	B45684	1.30	<.03	<1% dis py; 15% carb+qtz veinin		
BG10-77	41.60	42.30	B45685	0.70	<.03	at 41.96m a 2 cm wide qtz vein at 70 deg TCA with py+cpy; negligible py in mat		
BG10-77	42.30	43.00	B45686	0.70	<.03	15% carb+qtz+chl veining; negl py in matri		
BG10-77	45.70	46.20	B45687	0.50	<.03	45.8 to 45.85m carb vein with xeno's + splashes of cpy at 50 deg TC		
BG10-77	52.10	52.90	B45688	0.80	0.069	5-10% qtz+ank in veining with minor p		
BG10-77	52.90	53.70	B45689	0.80	0.960	5-7% fractured py in chl frac's with qtz+ank; syenite appears hematized - pale brick red colc		
BG10-77	53.70	54.20	B45690	0.50	<.03	negl py; diorite-FP contac		
BG10-77	54.20	55.00	B45691	0.80	0.069	35% qtz+ank veining; <1% f.g. P		
BG10-77	55.56	56.10	B45692	0.54	0.069	10-15%leuc flecs; 55.9m slip-flt at contact with 10 cm wide qtz+ank ve		
BG10-77	57.80	59.00	B45693	1.20	<.03	1-2% diss py+spec hem on narrow frac's with carb; 15% carb+calcite veinir		
BG10-77	59.00	60.00	B45695	1.00	0.274	1% diss py + 3-5% spec hem; 15% carb+cal veinin		
BG10-77	60.00	61.00	B45696	1.00	0.274	60.1 to 60.3m 10 deg TCA vein with carb+cal+chl, 1.5 cm wide; 1% py + 3% spec he		
BG10-77	61.00	61.65	B45697	0.65	<.03	1-2% fg py in matrix & hairline frac'		
BG10-77	61.65	62.25	B45698	0.60	1.65	5-7% fractured anhedral py in frac's; <5% carb+cal v'	1.371	1.920
BG10-77	62.25	63.10	B45699	0.85	4.56	62.25 to 62.77 qtz+ank+alb vein with 15-20% at margins and in frac's within vein; 10-15% spec hem; minor cp vein at 60 deg TCA; a few frac's outside v with py	4.389	4.731

Hole_ID	From	To	Sample_#	Length	Au ppm	Description	Au ppm_ck	Au ppm-ck2
BG10-77	63.10	64.00	B45701	0.90	0.069	1-2% diss py in frac's; 5% qtz+carb+calc v's		
BG10-77	68.50	70.00	B45702	1.50	0.960	badly broken ground, rubble in approx. 20 cm section but some sections and rubble pieces show sil+carb u with 8-10% fg py; overall 5-7% py		
BG10-77	70.00	70.50	B45703	0.50	0.206	70.44 to 70.45m a 1 cm flt with mud and 70% py at 65 to 70 deg TCA; other frac's <0.5 cm wide with		
BG10-77	70.50	71.10	B45704	0.60	0.343	5-7% diss py with slips at 70.95m; <5% carb veinin		
BG10-77	**71.10**	**72.10**	**B45705**	1.00	**0.960**	**71.45-71.51m 80% py in qtz + carb vein; overall section strbg carb with 10-12% py; <5% qtz+carb v's**		
BG10-77	72.10	72.75	B45707	0.65	<.03	stringer carb v's; 1-2% py		
BG10-77	75.60	76.30	B45708	0.70	<.03	1-3% py in occasional hairline frac's		
BG10-77	86.00	86.50	B45709	0.50	<.03	carb vn's in FP at 30 to 45 deg TCA; negl p		
BG10-77	119.28	119.80	B45710	0.52	0.137	fg diss py near FP dykelet contact + 1 cm qtz+cc+chl v at 45 deg TCA; overall <1%		
BG10-77	119.80	121.10	B45711	1.30	0.137	three <0.1 cm veins with py from 120.9 to 121.1m + carb vn <0.75 cm at 0 deg TC		
BG10-77	121.10	121.80	B45712	0.70	0.206	4 cm wide qtz+carb+chl vn at 121.6 with py on margin		
BG10-77	135.50	136.00	B45714	0.50	<.03	slightly magnetic; perimeter of shear and MH Zon		
BG10-77	136.00	136.50	B45715	0.50	0.549	136.06-136.23m carb zone with late carb vn'ing and 5-7% diss anhedral		
BG10-77	136.50	137.00	B45716	0.50	0.274	5-7% diss py in frac's and in matri		
BG10-77	137.00	138.00	B45717	1.00	0.617	5-7% dis py in frac's and matrix; 1-2% qyz+ank vn'		
BG10-77	138.00	138.80	B45718	0.80	1.37	light grey unit with 5-7% diss py in frac's and matri	1.371	1.371
BG10-77	138.80	139.60	B45719	0.80	1.27	**shear with strng carb+ser 3-5% dis p**	1.234	1.303
BG10-77	139.60	140.00	B45720	0.40	0.960	**3-5% py in frac's light grey sectior**		
BG10-77	**140.00**	**140.70**	**B45721**	0.70	**5.04**	**MH Zone 15-20% py in 30-40% dk qtz + white qtz+anl**	**5.486**	**4.594**
BG10-77	**140.70**	**141.60**	**B45723**	0.90	**4.87**	**MH Zone 15-20% py in 30-40% dk qtz + white qtz+ank; strong dk grey qtz at Diorite-FP contac**	**4.869**	**4.869**
BG10-77	*141.60*	*142.20*	*B45724*	0.60	*0.617*	*possible continuation of MH Zone but in FP; 3-5% diss py in discontinuous stress frac's*		
BG10-77	*142.20*	*143.10*	*B45725*	0.90	*0.549*	*three 0.5 to 2cm wide dk grey vn's with py on margins and within as well has py in stress frac's; overall 5-7% py; kspar or hem alt'n halos around qtz vn's*		
BG10-77	*143.10*	*143.90*	*B45726*	0.80	*0.549*	*as with 141.6 to 142.2*		
BG10-77	*143.90*	*145.00*	*B45727*	1.10	*0.754*	*8-10% diss py overall; multiple occurrences of dk grey qtz vn's with py and stress frac's with py; hem or Kspar alt'n*		
BG10-77	*145.00*	*145.60*	*B45728*	0.60	*0.480*	*5-7% diss py in less dk grey qtz vn's than above; mod Kspar alt'n*		
BG10-77	*145.60*	*146.30*	*B45729*	0.70	*0.754*	*four dk grey qtz vn's at 75 deg TCA with py; overall 8-10% py; Kspar alt'n; py in stress fracs*		
BG10-77	146.30	147.00	B45731	0.70	0.343	*8-10% py in frac's + dk grey qtz vn'ing with py*		
BG10-77	147.00	147.50	B45732	0.50	0.411	3-5% diss py in frac's		
BG10-77	147.50	148.00	B45733	0.50	1.44	two veins with 80% py 0.25cm and 2 cm wide at 70 to 90 deg TCA; overall 7-10% py also in stress frac's; Ksp (hem alt'n)	1.440	1.440
BG10-77	148.00	148.60	B45734	0.60	0.823	5-7% py in frac's; Kspar(hem) alt'n; <5% dk grey qtz vn'in		
BG10-77	148.60	149.30	B45735	0.70	0.99	7-10% py in frac's/0.25 cm vn's at 55 to 60 deg TCA; Kspar(hem) alt'n brick re	1.029	0.960
BG10-77	149.30	150.00	B45737	0.70	1.13	5-7% diss py in frac's; 5% dk grey qtz; 10% lt white ank+qtz vnlets; brick red alt	1.166	1.097
BG10-77	150.00	150.70	B45738	0.70	0.686	1-2% py around FP to Diorite contact; magnetite; leuc flec		
BG10-77	150.70	151.40	B45739	0.70	1.71	10-12% py in vn's from 150.7 to 151m; after section some narrow vn's with	1.783	1.646
BG10-77	151.40	152.20	B45740	0.80	0.411	5% qtz+ank veinlets at 75 to 80 deg TCA; 1-3% diss py in frac'		
BG10-77	152.20	152.90	B45741	0.70	2.06	perv carb+minor hem alt'n+ank with 3-5% fg diss p	1.989	2.126
BG10-77	152.90	153.50	B45742	0.60	0.069	1-3% diss py		
BG10-77	153.50	154.00	B45743	0.50	1.89	7-10% diss py from 153.5 to 153.8m in perv carb+minor hem+q	1.714	2.057
BG10-77	154.00	155.20	B45744	1.20	1.20	5-7% py in frac's 70 to 80 deg TCA from 154.2 to 155.2	1.097	1.303
BG10-77	155.20	155.80	B45745	0.60	0.137	1-2% diss py in unaltered diorit		

Hole_ID	From	To	Sample_#	Length	Au ppm	Description	Au ppm_ck	Au ppm-ck2
BG10-77	155.80	156.50	B45746	0.70	1.58	two 5 cm sil sections with 3-5% py; overall 1-3% p	1.577	1.577
BG10-77	156.50	157.40	B45748	0.90	2.91	156.6 to 157m dk grey qtz with py (overall 3-5%) with Kspar (hem) alt	3.017	2.811
BG10-77	157.40	158.10	B45749	0.70	3.22	5-7% py with 10-15% dk grey qtz vn'ing; brick red Kspar(hem) alt	3.429	3.017
BG10-77	158.10	159.00	B45750	0.90	0.686	158.5 to 158.6 m Flt with chl+carb+splash cpy; 158.3 m 3 cm wide carb v		
BG10-77	159.00	160.30	B45751	1.30	0.069	1% diss py; Flt at 160.2m; weakening alt'		
BG10-77	174.90	175.60	B45752	0.70	0.99	65% carb+calcite+qtz vn'ing with 3-5% py overall + splash of cpy; vn at 25 deg TC	1.029	0.960
BG10-77	198.10	198.60	B45753	0.50	0.96	1 cm wide Flt at 198.3m; 1-3% py with weak hem alt'n; 10% carb vn'ir	1.097	0.823
BG10-78	20.30	21.53	B34647	1.23	<.03	1-2% py ths, <5% qcthds		
BG10-78	21.80	22.80	B34648	1.00	<.03	4-6% py as f-cg clots & rare thds		
BG10-78	22.80	23.70	B34649	0.90	<.03	<4% py as f-cg clots & rare thds		
BG10-78	23.70	25.10	B34650	1.40	<.03	trace py, 10% qc strs & thds		
BG10-78	25.10	26.25	B45301	1.15	<.03	trace py, +5% qc vlt & strs		
BG10-78	26.25	27.25	B45302	1.00	<.03	trace py, +5% qc vlt & strs		
BG10-78	27.25	28.75	B45303	1.50	0.069	trace py, +5% qc vlt & strs		
BG10-78	28.75	30.20	B45304	1.45	0.137	3% py, 5%qc thds and strs at 35 and 135dca as occ ladder structures or flats		
BG10-78	30.20	31.60	B45305	1.40	0.137	5% py as wk strs ass'd with 5-10% qthds		
BG10-78	31.60	32.70	B45306	1.10	<.03	NSM		
BG10-78	32.70	33.70	B45307	1.00	0.891	10-15% py as SMS vlts & strs, ~20%qtz tr cc as vein & str		
BG10-78	33.70	34.70	B45308	1.00	0.617	3-4% py, 6-8% qtz		
BG10-78	34.70	36.20	B45309	1.50	<.03	<3% py, 1-2% qthds		
BG10-78	36.20	36.70	B45310	0.50	0.137	NSM		
BG10-78	36.70	37.30	B45311	0.60	0.137	<10% py as mainly as SMS vlt ass'd with 10% qtz/8cr		
BG10-78	37.30	38.00	B45312	0.70	0.480	NSM		
BG10-78	38.00	38.70	B45314	0.70	<.03	>10% py as 1-4cm strs & patches, 2% qstrs, wk epid patches thr		
BG10-78	38.70	39.80	B45315	1.10	<.03	trace py		
BG10-78	39.80	40.50	B45316	0.70	0.069	NSM, 3-4% qtz strs		
BG10-78	40.50	41.70	B45317	1.20	<.03	NSM, minot qthds		
BG10-78	41.70	42.50	B45318	0.80	1.13	3+% py patches in 15cm qv	1.029	1.234
BG10-78	42.50	43.90	B45319	1.40	0.960	5-3% fg diss py wk qstrs		
BG10-78	43.90	44.70	B45320	0.80	3.02	+10% diss fg py in wall & sheared 24cm q	2.949	3.086
BG10-78	44.70	45.50	B45321	0.80	1.58	5-7% fg py in sild wall rx and 6cm sheared qv	1.646	1.509
BG10-78	45.50	46.50	B45322	1.00	0.137	trace py in mottled & bleached/sild -chl'd-epid wallroc		
BG10-78	46.50	47.10	B45323	0.60	0.480	3% f-mg py diss in strong carb bleach zone with chl & poss tr fuchsit		
BG10-78	**47.10**	**48.40**	**B45324**	1.30	**4.18**	**<3% vfg MS py strs & thds and highly altered chl'd sectior**	**5.143**	**3.223**
BG10-78	48.40	49.30	B45325	0.90	3.36	25-30vfg py as minor str and wall to qtz-chl bx band/20cı	3.223	3.497
BG10-78	49.30	50.80	B45326	1.50	<.03	NSM, trace hem and mag spottin(		
BG10-78	50.80	51.40	B45327	0.60	<.03	trace py as low angle thd in blleachedf mg intrusiv		
BG10-78	51.40	52.40	B45328	1.00	<.03	trace fg py, 8cm ribbon-shear vlt, mod chl altn thr		
BG10-78	52.40	53.90	B45329	1.50	<.03	Tr-2% py as strs in chilled mafic intrusive		
BG10-78	53.90	54.90	B45331	1.00	0.069	<1% mg py on fractures		
BG10-78	54.90	56.00	B45332	1.10	<.03	1% py, wk hematitic bleach zone, <10% spec hem thds thr		
BG10-78	56.00	57.20	B45333	1.20	0.069	tr py, tr spec hem in 4cm qtz bx vlt at 10dc		
BG10-78	108.40	109.40	B45334	1.00	<.03	NSM		
BG10-78	109.40	110.40	B45335	1.00	<.03	3% qtz thds, tracer f-mg py on fracture:		
BG10-78	110.40	111.50	B45336	1.10	<.03	30% vuggy qtz as 3cm str, trace py, <2%c		

Hole_ID	From	To	Sample_#	Length	Au ppm	Description	Au ppm_ck	Au ppm-ck2
BG10-78	111.50	112.50	B45337	1.00	0.069	3-4% py as strs & thds		
BG10-78	112.50	113.50	B45338	1.00	0.069	5-7% py as strs & thds sealing fractures in magnetic Di		
BG10-78	113.50	114.50	B45339	1.00	<.03	3-4% qtz as vlt, +5% py as strs at 50dca		
BG10-78	114.50	115.50	B45340	1.00	<.03	2% py as thds		
BG10-78	115.50	116.50	B45341	1.00	<.03	5% leuco		
BG10-78	116.50	117.50	B45342	1.00	<.03	BC; 0.1m 3% epi+5% leuco@47 w 5% cse d p		
BG10-78	117.50	118.50	B45343	1.00	0.069	0.1m 3% epi+5% leuco@47 w 5% cse d py; dk gy chi		
BG10-78	118.50	119.50	B45344	1.00	<.03	1/2" q-ank imm foll by 0.05m 5% leuco@5		
BG10-78	119.50	121.00	B45345	1.50	0.206	20% leuco throughout; 1" 50% cse py vn@53 assd w sil'n+chl-ank wk shr'g; 2* 0.15m mody sil'd w 15% ank+10% cse d py+ hily bl'd@57-64		
BG10-78	121.00	121.90	B45346	0.90	2.743	chl-ser shr (myl)@49 brings in peak alt'n; all hily bl'd, hily sil'd w 15% cse d py-locy conc in 1/8"-1/2" 5)5 py vn all@45; mauve hue	2.743	2.743
BG10-78	121.90	123.00	B45348	1.10	2.160	50% mauve as above-the rest between w 5% f d py+ mody b	2.263	2.057
BG10-78	123.00	124.00	B45349	1.00	0.754	fresher; 0.1m hily bl'd w 10% cse d py-@4		
BG10-78	124.00	125.00	B45351	1.00	0.617	1" med gy qv w 15-20% cse d py@22 in 0.1m 5% leuco-otherwise dk g		
BG10-78	125.00	126.00	B45352	1.00	0.549			
BG10-78	126.00	127.00	B45353	1.00	<.03			
BG10-78	127.00	128.00	B45354	1.00	1.406	5% epi@48	1.097	1.714
BG10-78	128.00	129.10	B45355	1.10	0.754	1" bl'd w 20% epi+20% q-ank+5% cse d py@4		
BG10-78	129.10	129.60	B45356	0.50	1.920	0.25m v hily bl'd wy hem'd br w 30% cse+ f d py in hily sil'd alt'n @5	1.920	1.920
BG10-78	129.60	130.80	B45357	1.20	0.960	5% epi; 1/2" 50% cse py vn@62; 0.1m mody bl'd w 15% cse d py@4		
BG10-78	130.80	132.00	B45358	1.20	0.617	3/4" dk gy qv @18 imm prec by 0.1m 20% epi+10% leuco+5% cse d py-imm foll by 1/2" 70% cse py vn+ w 2 cse d py-		
BG10-78	132.00	133.00	B45359	1.00	2.400	80% hily sil'd, hily bl'd w 20% f+ 20% cse d py w 0.1m shr in middle w 50% f d py assd w chl-ser-sil; @75	2.469	2.331
BG10-78	133.00	134.00	B45360	1.00	0.411			
BG10-78	134.00	135.00	B45361	1.00	0.069	1" dk gy qv assd w 20% epi + w 5% cxse d p		
BG10-78	135.00	136.20	B45362	1.20	<.03			
BG10-78	136.20	136.85	B45363	0.65	<.03	0.1m mody bl'd+ sil'd w 10% cse + f d py assd w sil-se		
BG10-78	136.85	138.00	B45364	1.15	<.03			
BG10-78	138.00	139.40	B45365	1.40	0.411			
BG10-78	139.40	140.50	B45366	1.10	<.03			
BG10-78	140.50	141.20	B45367	0.70	1.17	3* 1/8"-3/4" hil'y bl'd vn's w 50% cse py assd w q-ank+ser+epi@7	1.17	1.17
BG10-78	141.20	142.60	B45368	1.40	0.686	10% epi w 5% cse py@72		
BG10-78	142.60	143.30	B45369	0.70	<.03			
BG10-78	143.30	144.00	B45370	0.70	0.891	0.25m hily sil'd, hily bl'd w 20% f+30% cse d py assd w ser-chl-sil shr's@4		
BG10-78	144.00	145.40	B45372	1.40	0.343	3* 1/8"-1/4" epi-ank-leuco vn's w 5-8% cse d py@4		
BG10-78	145.40	146.35	B45374	0.95	0.206	5* 1/8"-1/4" epi-ank-leuco vn's w 5-8% cse d py@5		
BG10-78	146.35	147.25	B45375	0.90	0.549	0.1m bull q-ank vn@42 w 10% chl clots; 5% leuc		
BG10-78	147.25	148.85	B45376	1.60	0.069			
BG10-78	148.85	150.25	B45377	1.40	0.069			
BG10-78	150.25	151.20	B45378	0.95	0.891	10% epi-q-ank vn's@45		
BG10-78	151.20	152.45	B45379	1.25	0.069	1/8" q-ank vn in 1" 80% epi@39 w 15% cse d p		
BG10-78	152.45	153.80	B45380	1.35	<.03			
BG10-78	153.80	155.05	B45381	1.25	<.03			

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BG10-78	155.05	155.90	B45382	0.85	0.274	80% sample w 20% leuco w 20% cse d py + 10% 1/8"-1/2" dk gy qv's w chl+ frag's w 10% cse+ f d py-all@5(qv's folded somewhat		
BG10-78	155.90	156.60	B45384	0.70	0.549	1" 30% cse py vn in q-ank@40; dk gr		
BG10-78	156.60	157.30	B45385	0.70	0.480	100% sample w 20% leuco w 20% cse d py+ w 10% epi-all@68		
BG10-78	157.30	158.25	B45386	0.95	0.343	0.1m 80% cse py vn @62; 90% sample w 20% leuco w 10% cse d py+ w 10% epi+ 15% q-ank vn's-all@57;		
BG10-78	158.25	158.95	B45387	0.70	0.206	0.2m w 20% leuco w 20% cse+f d py@57;		
BG10-78	158.95	159.70	B45388	0.75	0.274			
BG10-78	159.70	161.00	B45389	1.30	1.17	100% sample w 20% leuco w 15% cse+30% f d py+ w 10% ser shr's-all@64+24 (ser)	1.166	1.166
BG10-78	161.00	162.00	B45390	1.00	0.960			
BG10-78	162.00	162.70	B45391	0.70	1.61		1.851	1.371
BG10-78	162.70	163.80	B45392	1.10	2.13	mauve; hily sil'd+ hil'y bl'd w 30% cse d py+ 10% q-ank; @38; ends on 0.05m q-ank '	2.263	1.989
BG10-78	163.80	164.50	B45393	0.70	0.480	50% sample w 10% leuco w 3% cse d py +5% q-an		
BG10-78	164.50	165.30	B45394	0.80	1.58	70% sample w 10% leuco w 3% cse d py+5% q-ank, 0.15m mauve hily sil'd+ bl'd w 20% cse d py+20% q-ai all@45	1.989	1.166
BG10-78	165.30	166.25	B45395	0.95	<.03			
BG10-78	166.25	167.80	B45396	1.55	<.03			
BG10-78	167.80	169.10	B45397	1.30	<.03	10% epi@34 w 20% cse d py; 1/4" pa gy qv w 5% cse d py@2		
BG10-78	169.10	170.55	B45398	1.45	<.03	1/4"-1/2" 80% cse py vn@52		
BG10-78	170.55	171.90	B45399	1.35	<.03			
BG10-78	171.90	172.55	B45400	0.65	0.686	1" 80% cse py vn@30 imm foll by 1" 20% leuc		
BG10-78	172.55	173.45	B45401	0.90	1.54	70% sample w 20% leuco w 30% cse d py assd w hily sil'd+ bl'd; 5* 1/4"-1" 80% cse py vn's; 0.05m dk gy sil-c vn w posy 3 spots V.G. (smeared but orange colour); all@56	1.577	1.509
BG10-78	173.45	174.40	B45403	0.95	0.480	5% epi locy conc w assd 5% cse py+20% q-an		
BG10-78	174.40	175.75	B45405	1.35	0.686	30% sample w 15% leuco w 3% f d py @5(		
BG10-78	175.75	176.40	B45406	0.65	0.617			
BG10-78	176.40	177.35	B45407	0.95	0.069	0.2m w 20% 1" pa gy q frag's w 5% cse d py+ 5% cp assd w ser-epi @5		
BG10-78	177.35	178.50	B45408	1.15	<.03	5% epi; 3/4" bull q-ank@32		
BG10-78	178.50	179.70	B45409	1.20	<.03	1" ser-chl shr? W 10% f d py @5		
BG10-78	179.70	180.40	B45410	0.70	0.960	10% epi@37 w 5% cse d py; 3/4" med gy qv (chl-sil) w 20% cse d py@8		
BG10-78	180.40	181.50	B45411	1.10	<.03			
BG10-78	181.50	183.00	B45412	1.50	<.03	5% epi		
BG10-78	183.00	184.50	B45413	1.50	1.37	1/2" dk gy chl-sil vn w 3% cse d py@16; 2* 1/8"-1/4" q-ank vn w 30% cp blebs @5-10; 3/4" dk gy qv (chl-si @19 w 20% f d py	1.303	1.440
BG10-78	184.50	185.75	B45414	1.25	1.37	90% sample w 20% leuco w 15% cse+ f d py+ 1" bull qv; ser'd; 20% epi; @38-1	1.097	1.646
BG10-78	185.75	187.30	B45415	1.55	0.274			
BG10-78	**187.30**	**188.00**	**B45416**	0.70	**12.79**	**3/4" 80% cse py vn@55; 0.2m mody hem'd w 15% leuco+ 10% cse+10% f d py+ 10% epi; all@5**	**13.029**	**12.549**
BG10-78	188.00	188.70	B45417	0.70	<.03			
BG10-78	188.70	189.70	B45418	1.00	0.069			
BG10-78	189.70	190.50	B45419	0.80	0.754	0.15m w 20% leuco+30% epi+ 1/2" dk gy qv w 10% cse d py @5		
BG10-78	**190.50**	**191.40**	**B45420**	0.90	**4.90**	**0.3m+ 0.05m mody hem'd w 15% leuco+ 20% cse+10% f d py+ 10% epi+5% med gy sil-chl; all@59**	**4.457**	**5.349**
BG10-78	191.40	192.90	B45421	1.50	0.069	gy		
BG10-78	**192.90**	**193.80**	**B45422**	0.90	**5.86**	**0.3m+ 0.05m mody hem'd w 15% leuco+ 20% cse+10% f d py+ 10% epi+5% med gy sil-chl + 3/4" wt q w 5% spec+ 20% cse d py; all@72**	**5.623**	**6.103**

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BG10-78	193.80	195.00	B45424	1.20	<.03			
BG10-78	195.00	196.50	B45425	1.50	<.03	50% BC		
BG10-78	196.50	198.00	B45426	1.50	<.03			
BG10-78	198.00	199.50	B45427	1.50	<.03			
BG10-78	199.50	201.00	B45428	1.50	<.03			
BG10-78	201.00	202.50	B45429	1.50	<.03			
BG10-78	202.50	203.50	B45430	1.00	<.03			
BG10-78	203.50	204.60	B45431	1.10	2.64	0.1m of 1/2" med gy qv's@74 w 30% cse d py in 0.2m wy hem'd w 20% leuco+30% epi; 2* 0.05m 60% epi@45	2.674	2.606
BG10-78	204.60	205.65	B45432	1.05	<.03	0.1m 10% leucc		
BG10-78	205.65	207.00	B45434	1.35	<.03			
BG10-78	207.00	208.20	B45435	1.20	1.75	0.3m w 20% leuco+ wy bl'd+ wy sil'd w 1" dull wt qv@62 w 20% f+ 20% cse d p	1.851	1.646
BG10-78	208.20	209.05	B45436	0.85	<.03	0.05m carb-sil-chl vn w 5% f d py+ 3% spec@64 imm foll by BC w G(		
BG10-78	209.05	210.00	B45437	0.95	<.03			
BG10-78	210.00	210.90	B45438	0.90	<.03	1/2" dull wt qv @36 w 3% cse d p		
BG10-78	210.90	211.50	B45439	0.60	<.03	1/4"-1/2" dk gy sil'd between 1/8" epi vn's w 5% f d py@4		
BG10-78	211.50	213.00	B45440	1.50	<.03			
BG10-78	213.00	214.50	B45441	1.50	<.03			
BG10-78	214.50	215.30	B45442	0.80	0.206	1/4"+1/8" sil vn's w 50% f+ cse d py@62+110 in 1" epi w 20% cse d p		
BG10-78	215.30	216.00	B45443	0.70	<.03			
BG10-78	216.00	217.50	B45444	1.50	<.03			
BG10-78	217.50	219.00	B45445	1.50	<.03			
BG10-78	219.00	220.50	B45446	1.50	<.03			
BG10-78	220.50	222.00	B45447	1.50	<.03			
BG10-78	222.00	223.25	B45448	1.25	<.03			
BG10-78	223.25	224.20	B45449	0.95	<.03	1/2" med gy qv @27@ 5% cse d py		
BG10-78	224.20	225.00	B45450	0.80	0.754			
BG10-79	19.30	20.95	B34033	1.65	<.03			
BG10-79	20.95	21.60	B34034	0.65	<.03	1/2" 30% cse py vn@65		
BG10-79	21.60	22.50	B34035	0.90	<.03			
BG10-79	22.50	23.40	B34036	0.90	0.069	0.05m mauve wy bl'd w 10% cse d py+ 20% leuco@62; 1/2" q-ank vn w 20% spec+5% cp@		
BG10-79	23.40	24.60	B34037	1.20	<.03	0.05m q-ank vn w 15% spec@4		
BG10-79	24.60	25.50	B34038	0.90	0.069	8% cse d py locy conc in 20% leuco+ q-ank-all@25-5		
BG10-79	25.50	27.00	B34040	1.50	<.03			
BG10-79	27.00	28.50	B34041	1.50	<.03			
BG10-79	28.50	30.00	B34042	1.50	<.03			
BG10-79	30.00	31.50	B34043	1.50	<.03	10% q-ank to 0.1m@75		
BG10-79	31.50	32.90	B34044	1.40	<.03			
BG10-79	32.90	34.00	B34045	1.10	<.03	2*1" q-ank vn's@46		
BG10-79	34.00	35.15	B34046	1.15	0.069			
BG10-79	35.15	36.25	B34047	1.10	<.03	1/2" q-ank vn w 5% cse d py@42 bl'(		
BG10-79	36.25	37.25	B34048	1.00	0.960	shr;bl'd hily; 0.4m 5-8% cse d py; posy por@53		
BG10-79	37.25	38.15	B34050	0.90	0.069	10% q-ank		
BG10-79	38.15	39.35	B34051	1.20	<.03	0.1m clay gouge or just mud-wallrocks GC but no obvious strong shring/		

Hole_ID	From	To	Sample_#	Length	Au ppm	Description	Au ppm_ck	Au ppm-ck2
BG10-79	39.35	40.10	B34052	0.75	<.03	1" 20% f+10% cse py vn in q-ank-ser bx @46; shr'd wy w ser-chl-an		
BG10-79	40.10	40.80	B34053	0.70	<.03	1/2" 20% f+10% cse py vn in q-ank-ser bx @59; shr'd wy w ser-chl-an		
BG10-79	40.80	41.90	B34054	1.10	<.03	shr'd mody		
BG10-79	41.90	42.90	B34055	1.00	0.274	stry shr'd; flt in BC+GC is 0.2m gouge; 0.1m hily bl'd cr'd v str alt'd wallroc		
BG10-79	42.90	44.20	B34056	1.30	0.137	tight 1/8" gouge flt's in BC		
BG10-79	44.20	45.00	B34057	0.80	<.03	freshens quickly; 5% pk carb		
BG10-79	45.00	46.50	B34058	1.50	<.03			
BG10-79	46.50	48.00	B34059	1.50	<.03			
BG10-79	48.00	49.50	B34060	1.50	<.03			
BG10-79	49.50	51.00	B34061	1.50	0.069			
BG10-79	51.00	52.50	B34062	1.50	<.03			
BG10-79	52.50	54.00	B34063	1.50	<.03	20% q-ank		
BG10-79	54.00	54.90	B34064	0.90	0.069	20% q-ank; 2% f d py; shr'd wy@6		
BG10-79	54.90	56.10	B34065	1.20	<.03	BC with chl + pk carb shims-slip; 10% leuc		
BG10-79	56.10	56.80	B34066	0.70	0.480	0.1m 30% q-ank 1/4"-1/2" vn's in hem'd zone @29 w 2% cse d p		
BG10-79	56.80	58.20	B34067	1.40	0.343	bl'd wy; 0.1m q-ank vn@5		
BG10-79	58.20	59.55	B34068	1.35	<.03			
BG10-79	59.55	60.75	B34069	1.20	<.03	0.05m+0.1m q-dolo vn's@5		
BG10-79	60.75	61.90	B34070	1.15	0.343	1" ser-chl-ank shr@59 w 5% f d py imm foll by 0.6m 50% q-ank w 5% f d py@27 imm foll by 0.1m pk carb vn 20% chl@44 imm foll by 0.05m ser-chl shr@62 w 10% f d py		
BG10-79	61.90	63.30	B34071	1.40	0.069	1/4" 40% cse py vn@47		
BG10-79	63.30	64.70	B34073	1.40	<.03			
BG10-79	64.70	65.65	B34074	0.95	0.137	1" q-dolo vn imm prec by 1/8" 20% cse py vn@72; 3/4" pk bl'd zone w 10% cse d py@		
BG10-79	65.65	66.90	B34075	1.25	<.03			
BG10-79	66.90	67.80	B34076	0.90	0.069	1/8" 60% cse py vn@37; 1" pk carb vn w 10% spec@5		
BG10-79	67.80	68.60	B34077	0.80	<.03	1/2" 70% cse py vn@5		
BG10-79	68.60	69.60	B34078	1.00	<.03			
BG10-79	69.60	70.70	B34079	1.10	<.03			
BG10-79	70.70	71.50	B34080	0.80	0.069	3/4" spec-carb @23 w 2% cse d py		
BG10-79	71.50	73.00	B34081	1.50	<.03			
BG10-79	73.00	74.10	B34082	1.10	<.03			
BG10-79	74.10	75.00	B34083	0.90	<.03	1/4" q-ank vn w 10% cse d py@23; 5% spe		
BG10-79	75.00	76.10	B34084	1.10	<.03			
BG10-79	76.10	77.15	B34085	1.05	0.137	10% leuco; bl'd locy mody; 10% q-ank; 5% cse d py@55+12		
BG10-79	77.15	78.70	B34086	1.55	<.03			
BG10-79	78.70	79.50	B34087	0.80	0.069	0.3m 20% leuco; 5% cse+5% f d py; wy hem'd; @6		
BG10-79	79.50	81.00	B34088	1.50	<.03			
BG10-79	81.00	82.50	B34089	1.50	<.03			
BG10-79	82.50	84.00	B34090	1.50	<.03			
BG10-79	84.00	85.50	B34091	1.50	<.03			
BG10-79	85.50	87.00	B34092	1.50	<.03			
BG10-79	87.00	88.50	B34093	1.50	<.03			
BG10-79	88.50	90.00	B34094	1.50	0.274			
BG10-79	90.00	91.50	B34095	1.50	0.069			
BG10-79	91.50	93.00	B34096	1.50	0.137	0.5m 10% leuco; 0.15m q-dolo w 20% chlc wallrock frag's@3		

Hole_ID	From	To	Sample_#	Length	Au ppm	Description	Au ppm_ck	Au ppm-ck2
BG10-79	93.00	93.90	B34097	0.90	0.206	1" q-ank vn@27 w 10-15% cse d py+ imm prec by 1/8" 70% cse py vn on		
BG10-79	93.90	94.50	B34098	0.60	<.03			
BG10-79	94.50	95.30	B34099	0.80	0.274	30% of sample w 15% leuco+bl'd+wy sil'd w 5% cse d py+ 1/4" 50% cse py vn@9		
BG10-79	95.30	96.00	B34100	0.70	<.03			
BG10-79	96.00	97.50	B34101	1.50	0.274	1/4"+ 1/8" 15% cse py+15% spec vn@7		
BG10-79	97.50	99.00	B34102	1.50	0.137			
BG10-79	99.00	100.50	B34103	1.50	0.480			
BG10-79	100.50	102.00	B34104	1.50	0.411			
BG10-79	102.00	102.80	B34105	0.80	<.03	flt imm prec by 0.2m 70% q-dolo-chl vn bullish imm prec by 20% q-dolo over rest -hily bl'd+ sil'd 20% leuc 10% chl clots+2% cse d py		
BG10-79	102.80	103.80	B34106	1.00	<.03	5% q-ank		
BG10-79	103.80	105.00	B34107	1.20	<.03			
BG10-79	105.00	106.50	B34108	1.50	<.03			
BG10-79	106.50	108.00	B34109	1.50	<.03	3% q-ank@52		
BG10-79	108.00	109.50	B34110	1.50	<.03			
BG10-79	109.50	111.00	B34111	1.50	<.03	1/8" 30% cse py vn@74		
BG10-79	111.00	112.50	B34112	1.50	<.03			
BG10-79	112.50	114.00	B34113	1.50	<.03			
BG10-79	114.00	115.50	B34114	1.50	<.03			
BG10-79	115.50	117.00	B34115	1.50	<.03			
BG10-79	117.00	118.50	B34116	1.50	<.03			
BG10-79	118.50	120.00	B34118	1.50	<.03			
BG10-79	120.00	121.50	B34119	1.50	<.03			
BG10-79	121.50	123.00	B34120	1.50	<.03			
BG10-79	123.00	124.50	B34121	1.50	<.03			
BG10-79	124.50	126.00	B34122	1.50	<.03			
BG10-79	126.00	127.50	B34123	1.50	0.069			
BG10-79	127.50	129.00	B34124	1.50	<.03			
BG10-79	129.00	130.50	B34125	1.50	<.03			
BG10-79	130.50	132.00	B34126	1.50	<.03			
BG10-79	132.00	133.20	B34127	1.20	<.03			
BG10-79	133.20	134.25	B34128	1.05	<.03			
BG10-79	134.25	135.30	B34129	1.05	<.03			
BG10-79	135.30	136.10	B34130	0.80	<.03	wy bl'd+shr'd; 3/4" dk gy chty w q-ank@47 w 5-8% cse d py		
BG10-79	136.10	137.05	B34131	0.95	4.29	0.05m 50% cse py vn@26 w 10% dk gy q frag's imm prec by 0.3m 5-10% f d py imm foll by 0.1m 10% f d py in chl-ser imm foll by 1" 70% cse py vn+1/4" bull q-dolo vn@25 imm foll by 0.2m 20% f d py in chl-ser	4.183	4.389
BG10-79	137.05	138.15	B34133	1.10	2.19	sil'd wy; med gy; 10% cse+f d p	2.194	2.194
BG10-79	138.15	139.35	B34134	1.20	0.206	gn-gy; 2% cse d py; looks like pillow selvag		
BG10-79	**139.35**	**140.25**	**B34135**	0.90	**23.86**	**shrp ct to alt'n@37; wy hem'd locy; 5% chl-sil dk gy w 10% f d py; flt assd w 1/4"q-ank vn; 50% cse+20% f d py+vn py to 0.1m**	**28.732**	**18.994**
BG10-79	140.25	141.05	B34136	0.80	4.01	5% chl-sil dk gy w 10% f d py; 40% cse+10% f d py+vn py to 0.05	3.840	4.183
BG10-79	**141.05**	**142.10**	**B34137**	1.05	**5.55**	**wy hem'd locy; 5% chl-sil dk gy as vn's to 1"@54 w 10% f d py; 50% cse+20% f d py+vn py; shrp ct t alt'n @37 is flt- then much fresher**	**5.966**	**5.143**
BG10-79	142.10	143.20	B34138	1.10	0.343	much fresher-2-3% cse d py		

Hole_ID	From	To	Sample_#	Length	Au ppm	Description	Au ppm_ck	Au ppm-ck2
BG10-79	143.20	143.90	B34139	0.70	2.33	mody hem'd; 70% bl'd+ hily sil'd w 10% cse+20% f d py@74	2.469	2.194
BG10-79	143.90	144.60	B34140	0.70	2.16	50% hily alt'd @hem'd mody locy; 5% chl-sil dk gy w 10% f d py; 30% cse+10% f d py+vn py to 1/	2.263	2.057
BG10-79	144.60	145.40	B34141	0.80	4.53	hily alt'd @hem'd mody locy; 5% chl-sil dk gy w 10% f d py; 10% cse+30% f d p	5.211	3.840
BG10-79	145.40	146.30	B34142	0.90	3.70	60% hily alt'd @hem'd mody locy; 50% cse+20% f d py+vn py to 0.1m"@62; 1/2" 70% cse py vn@	3.909	3.497
BG10-79	146.30	147.00	B34144	0.70	0.343	3-5% cse py vn's to 1/2" @40+140 x-cut carl		
BG10-79	147.00	147.85	B34146	0.85	2.13	10% leuco; 10% q-ank-carb; 5% cse d py+ 1/2" 50% cse py vn@4	2.057	2.194
BG10-79	147.85	149.00	B34147	1.15	0.823			
BG10-79	149.00	150.15	B34148	1.15	0.617			
BG10-79	150.15	151.40	B34149	1.25	<.03	10% ser-chl-ank w 2* 1/4" 50% cse py vn's@55 x-cut carb vn's@15		
BG10-79	151.40	152.15	B34150	0.75	1.17	0.2m bl'd sil'd w 25% f+ 25% cse d py@68 imm foll by 0.3m 10% f+cse p	1.097	1.234
BG10-79	152.15	153.00	B34151	0.85	<.03	5% epi		
BG10-79	153.00	154.00	B34152	1.00	0.206	10% epi; 10% leuco; 5% cse d py+ 4* 1/4"-1/2" 50% cse py vn's@30-60+16		
BG10-79	154.00	155.45	B34153	1.45	<.03			
BG10-79	155.45	156.30	B34154	0.85	0.274	0.05m hily sil'd, bl'd w 60% cse+20% cse py@6		
BG10-79	156.30	157.05	B34155	0.75	<.03	1/8" 50% cse py vn@7		
BG10-79	157.05	158.05	B34156	1.00	<.03			
BG10-79	158.05	159.00	B34157	0.95	<.03			
BG10-79	159.00	160.50	B34158	1.50	2.30	25% epi@24+45 w 3% cse d py	1.989	2.606
BG10-79	**160.50**	**162.00**	**B34159**	1.50	**6.48**	**2* 1/4" 20% cse py vn's in 0.2m 15% leuco@70**	**8.091**	**4.869**
BG10-79	162.00	163.15	B34160	1.15	<.03			
BG10-79	163.15	164.20	B34161	1.05	1.17	1" chl-sil bl'd w 30% cse py@7	1.097	1.234
BG10-79	164.20	165.00	B34162	0.80	<.03	1/8" 50% cse py vn@7		
BG10-79	165.00	166.50	B34163	1.50	<.03			
BG10-79	166.50	168.00	B34164	1.50	0.549			
BG10-79	168.00	169.50	B34165	1.50	0.343	ct imm prec by 1" 70% cse py imm foll by 0.1m 20% q-dolo vn's+ 10% cse d py@		
BG10-79	169.50	171.00	B34166	1.50	0.137			
BG10-79	171.00	172.50	B34167	1.50	0.343			
BG10-79	172.50	173.25	B34168	0.75	0.274			
BG10-79	173.25	174.15	B34169	0.90	2.30	wy sil'd; mauve; bl'd@47; 10% cse d py	2.263	2.331
BG10-79	174.15	175.30	B34170	1.15	2.91	hem'd mody locy; 10% chl-sil dk gy frag's w 10% f d py; 20% cse+10% f d py+vn py to 1/	2.880	2.949
BG10-79	175.30	176.25	B34171	0.95	3.74	hem'd mody locy; 20% cse+10% f d py+0.2m vn 80% py w 20% dk gy sil-chl @48; 1/2" 70% cse py vn@44	3.566	3.909
BG10-79	176.25	177.00	B34173	0.75	0.480	20% alt'd-rest is much fresher; 5% cse d py; grad ct'		
BG10-79	177.00	177.65	B34174	0.65	2.74	0.3m hily sil'd+hem'd w 30% chl-sil@53 w 15% cse+10% f d py	2.811	2.674
BG10-79	177.65	178.85	B34175	1.20	1.65	much fresher; 1/2" 30% cse py vn@3	1.577	1.714
BG10-79	178.85	180.00	B34176	1.15	2.37	3% cse d py	1.851	2.880
BG10-79	180.00	180.75	B34177	0.75	2.13	0.05m wy hem'd w 10% cse py str's@4	2.057	2.194
BG10-79	180.75	181.75	B34178	1.00	0.343	slip imm prec by 0.3m q-dolo vn bullish@24 w 20% chlc wallrock frag		
BG10-79	181.75	183.00	B34179	1.25	0.206			
BG10-79	183.00	183.75	B34180	0.75	0.891	1"+2* 1/8" 50% cse py vn's@65 in q-dol		
BG10-79	183.75	185.05	B34181	1.30	<.03			
BG10-79	185.05	186.00	B34183	0.95	0.891	1/4" 70% cse py vn@80 assd w ep		

Hole_ID	From	To	Sample_#	Length	Au ppm	Description	Au ppm_ck	Au ppm-ck2
BG10-79	186.00	187.50	B34184	1.50	0.069			
BG10-79	187.50	189.00	B34185	1.50	0.754			
BG10-79	189.00	190.50	B34186	1.50	0.343	1/2" 20% cse py vn in 0.1m epi@5		
BG10-79	190.50	192.00	B34187	1.50	0.069			
BG10-79	192.00	193.50	B34188	1.50	0.274			
BG10-79	193.50	195.00	B34189	1.50	0.343			
BG10-79	195.00	196.50	B34190	1.50	<.03			
BG10-80	30.50	31.55	B45492	1.05	0.343	1/4" 15% cse py vn assd w chl-sil@4		
BG10-80	31.55	32.60	B45493	1.05	0.274	0.15m hily bl'd, mody sil'd w 15% cse d + vn py-all@56; ser		
BG10-80	32.60	33.70	B45494	1.10	0.069			
BG10-80	36.20	37.60	B45495	1.40	0.069	10% q-ank		
BG10-80	37.60	38.70	B45496	1.10	0.069	1" clay gouge flt in BC imm prec by 0.2m hily bl'd+sil'd w 10-15% f d py+ vn py; 1" med gy sil-almost qv-all@ MAIN BRK?		
BG10-80	38.70	40.15	B45497	1.45	0.069			
BG10-80	43.35	44.35	B45498	1.00	0.411	0.1m wy sil'd chlc @35 w 10% f + cse d py; 5% leuco; dk g		
BG10-80	44.35	45.40	B45499	1.05	0.069			
BG10-80	45.40	46.55	B45500	1.15	0.206			
BG10-80	46.55	47.65	B45501	1.10	0.137	pk carb+ flt; 0.1m q-ank imm foll by 1/2" 70% cse py vn-all@5		
BG10-80	52.15	53.85	B45502	1.70	0.411	0.2m ser-chl-ank shr w 15% cse vn py@38; hily bl'd; 1/4" 70% cse py vn@7		
BG10-80	53.85	55.25	B45503	1.40	0.137	15% q-ank in bl'd zones		
BG10-86	26.50	27.60	B34328	1.10	<.03			
BG10-86	27.60	28.75	B34329	1.15	<.03	slip w 1/8" wt qv+5% cse d py; looks like selvage; ser-c		
BG10-86	28.75	29.70	B34330	0.95	<.03			
BG10-86	29.70	30.55	B34331	0.85	<.03			
BG10-86	30.55	31.30	B34332	0.75	0.274	flt imm prec by 0.05m chl-carb bx w 5% cse d py imm foll by 1" pk carb vn imm foll by 1/2"-3/4" 70% cse py v all@39		
BG10-86	31.30	32.50	B34335	1.20	<.03			
BG10-86	32.50	33.70	B34336	1.20	<.03			
BG10-86	33.70	35.10	B34337	1.40	0.069			
BG10-86	35.10	36.30	B34338	1.20	<.03			
BG10-86	36.30	37.75	B34339	1.45	<.03			
BG10-86	37.75	38.80	B34340	1.05	0.274			
BG10-86	38.80	39.70	B34341	0.90	0.274	2*1/4" q-ank vn w 10% cse d py@65+3		
BG10-86	39.70	40.80	B34342	1.10	0.069	inc'g bl'd downhole; 2% cse d p		
BG10-86	40.80	41.60	B34343	0.80	0.960	hily bl'd; shr'd w ser-chl-ank; 10-15% cse d p		
BG10-86	41.60	42.30	B34345	0.70	0.960	buff posy fel intr; 5% cse d p		
BG10-86	42.30	43.25	B34346	0.95	1.51	1/2" 50% cse py vn@40; 1/4" 30% cse py vn@45; bl'd 0.15m either side w chlc fresher betwe	1.577	1.440
BG10-86	43.25	44.65	B34347	1.40	0.069	flt imm foll by 0.1m chl-ank frag's bx w 15% ser-shr'd+5% cse d py; 10% q-ar		
BG10-86	44.65	45.65	B34348	1.00	<.03	fresher		
BG10-86	45.65	46.50	B34349	0.85	<.03			
BG10-86	46.50	48.00	B34350	1.50	<.03			
BG10-86	48.00	49.50	B34351	1.50	<.03	5% q-ank+ chl'd w		
BG10-86	49.50	51.00	B34352	1.50	<.03	1/4" 70% cse py vn@45 in 1" ank-chl zon		
BG10-86	51.00	52.05	B34353	1.05	0.206	20% q-ank; 3% f d py; @5		
BG10-86	52.05	53.00	B34354	0.95	0.480	0.3m 30% q-ank, hily bl'd mody sil'd w 15% cse d py-all@4		

Hole_ID	From	To	Sample_#	Length	Au ppm	Description	Au ppm_ck	Au ppm-ck2
BG10-86	53.00	54.00	B34355	1.00	0.823	0.4m hily hem'd brick red, shr'd, hily sil'd w 30% 1/8"-1" 80% cse py vn's@5		
BG10-86	54.00	54.70	B34356	0.70	<.03	fresher; gn		
BG10-86	54.70	55.85	B34357	1.15	0.549			
BG10-86	55.85	57.00	B34358	1.15	0.411	0.1m bl'd buff imm prec by 1/2" 20% f d py@65; dk pur after-hily ma		
BG10-86	57.00	58.25	B34359	1.25	0.206	flt imm foll by 0.2m ser-chl shr w 10% f d py		
BG10-86	58.25	59.30	B34360	1.05	0.069	BC; shr'd chl'd		
BG10-86	59.30	60.20	B34361	0.90	0.960	0.1m gouge+ soft chl @32 in BC; 0.2m w 20% q-ank+30% f d py in ser-chl-well min'd		
BG10-86	**60.20**	**61.00**	**B34363**	0.80	**8.57**	**0.2m w 40% cse+20% f py vn@42 imm prec by hily bl'd+ imm foll by 4m 30% q-ank+ser+chl+8-10% f py in shr**	**10.492**	**6.651**
BG10-86	**61.00**	**62.10**	**B34364**	1.10	**6.07**	**30% q-ank+ser+chl+8-10% f d py in shr**	**3.771**	**8.366**
BG10-86	62.10	62.85	B34365	0.75	2.74	30% q-ank+ser+chl+8-10% f d py in shr	2.674	2.811
BG10-86	**62.85**	**63.70**	**B34366**	0.85	**8.85**	**0.2m 50% cse py vn's to 1" @25+ 15% f d py in q-ank-ser-ch**	**9.120**	**8.572**
BG10-86	63.70	64.80	B34368	1.10	0.686	30% q-ank+ser+chl+ 5% f d py in shr		
BG10-86	64.80	66.00	B34369	1.20	0.99	freshens to chl-ank mody shr'd w 0.2m 25% q-ank+chl shr @32 w 5-8% cse d p	1.097	0.891
BG10-86	66.00	67.10	B34370	1.10	0.480	0.1m hily bl'd to wt w 5-8% cse d py@4		
BG10-86	67.10	67.90	B34371	0.80	1.37	0.1m heavy mauve q-ank w 50% cse d py@4	1.509	1.234
BG10-86	67.90	69.00	B34372	1.10	0.411	fresh; 5% leuco; gn		
BG10-86	69.00	70.00	B34373	1.00	1.75	fresh, gn	2.263	1.234
BG10-86	70.00	71.00	B34374	1.00	0.96	BC w hem'd mody@35+59 w 4% cse d py; 5% leuc	1.097	0.823
BG10-86	71.00	72.30	B34375	1.30	<.03	spec; fresher		
BG10-86	72.30	73.60	B34376	1.30	0.137			
BG10-86	73.60	74.10	B34377	0.50	0.754	BC; 2* 1/2"-3/4" 70% cse py vn's@52 in 0.2m olive g		
BG10-86	74.10	74.70	B34378	0.60	0.206			
BG10-86	74.70	76.20	B34379	1.50	<.03			
BG10-86	76.20	77.20	B34380	1.00	0.343	10% leuco		
BG10-86	77.20	78.00	B34381	0.80	<.03	fresh		
BG10-86	78.00	79.05	B34382	1.05	<.03			
BG10-86	79.05	80.20	B34383	1.15	<.03			
BG10-86	80.20	81.25	B34384	1.05	0.069			
BG10-86	81.25	82.10	B34385	0.85	<.03	1" 30% q-ank+ 2* 1/4" 70% cse py vn's@7(		
BG10-86	82.10	83.40	B34386	1.30	<.03			
BG10-86	83.40	84.40	B34388	1.00	0.069	1/8" hem'd spec-chl vn's w 5% cse d py@3(		
BG10-86	84.40	85.45	B34389	1.05	<.03			
BG10-86	85.45	86.10	B34390	0.65	0.069	flt imm prec by 0.05m q-ank-chl w 8% f d py		
BG10-86	86.10	87.00	B34391	0.90	<.03			
BG10-86	87.00	88.15	B34392	1.15	<.03			
BG10-86	88.15	89.05	B34393	0.90	<.03	0.2m mody sil'd hily bl'd w 10% f+5% cse d py@55 w 20% leuco imm foll by ct in B		
BG10-86	89.05	90.00	B34395	0.95	<.03			
BG10-86	90.00	91.50	B34396	1.50	<.03			
BG10-86	91.50	93.00	B34397	1.50	<.03			
BG10-86	93.00	94.50	B34398	1.50	<.03			
BG10-86	94.50	95.80	B34399	1.30	<.03			
BG10-86	95.80	96.60	B34400	0.80	0.206	0.2m hily sil'd, hily bl'd w 8-10% cse d py@62 imm foll by (		
BG10-86	96.60	97.50	B34401	0.90	<.03			

Hole_ID	From	To	Sample_#	Length	Au ppm	Description	Au ppm_ck	Au ppm-ck2
BG10-86	97.50	98.00	B34402	0.50	0.549			
BG10-86	98.00	99.00	B34403	1.00	0.274			
BG10-86	99.00	100.50	B34404	1.50	<.03			
BG10-86	100.50	101.75	B34405	1.25	<.03	1/4" pk carb vn in 1/2" 5% f d py@2		
BG10-86	101.75	102.80	B34406	1.05	<.03	30% q-ank vn's to 0.15m @26+46 w 2% cse d py+ 2% spec; 10% leuco locy conc assd w 5% cse d		
BG10-86	102.80	104.00	B34407	1.20	0.274	1/2" 50% cse py vn@46 imm foll by 1" bl'd zon		
BG10-86	104.00	105.00	B34408	1.00	<.03			
BG10-86	105.00	105.70	B34409	0.70	<.03	3/4" 50% cse py vn in 0.15m 20% leuco+ wy sil'd@54 x-cuts q-ank vn@12		
BG10-86	105.70	106.70	B34410	1.00	<.03	0.2m 20% leuco w 0.05m q-ank vn@48 w 1/4" 70% cse py v		
BG10-86	106.70	108.00	B34411	1.30	0.206	2*1/8" 70% cse py vn in 0.1m 10% leuco-all@5		
BG10-86	108.00	109.50	B34412	1.50	0.137	1/4" 70% cse py vn@71		
BG10-86	109.50	111.00	B34413	1.50	0.960			
BG10-86	111.00	112.50	B34414	1.50	0.069	1/4" 70% cse py vn@59 imm foll by 1/2" magn v		
BG10-86	112.50	114.00	B34415	1.50	<.03			
BG10-86	114.00	115.40	B34416	1.40	<.03			
BG10-86	120.80	122.30	B34417	1.50	<.03	5% f d py in 0.05m q-carb@52		
BG10-86	122.30	123.45	B34418	1.15	0.069			
BG10-86	123.45	124.25	B34419	0.80	0.069	0.1m 60% cse py vn in q-carb-ank@67 w 5% cp; heav		
BG10-86	124.25	125.00	B34421	0.75	<.03			
BG10-86	127.20	128.20	B34423	1.00	<.03	20% epi w 1" magn 1/4" vn's+ 10% cse py+cp@6		
BG10-86	143.20	144.10	B34424	0.90	0.069	BC; 20% epi; 1/4"-1/2" q-ank vuggy vn w 2% cse d py@1		
BG10-86	144.10	145.30	B34425	1.20	<.03	1/8" 40% cse py vn@55		
BG10-86	148.05	149.10	B34426	1.05	<.03			
BG10-86	149.10	150.20	B34427	1.10	0.137	BC; 1.5" med gy hily sil-almost qv w 10% cse d py in sil bx-in 0.2m bl'd w ser'n+ wk sil'n@		
BG10-86	150.20	151.20	B34428	1.00	<.03			
BG10-86	159.95	161.00	B34429	1.05	<.03	BC; 3% cse d py locy on fract's		
BG10-86	163.60	165.00	B34430	1.40	<.03			
BG10-86	165.00	166.00	B34431	1.00	0.069	bl'd to buff-br is hily sil'd+alb'd? 5% cse d py in first 0.1m assd w f		
BG10-86	166.00	166.75	B34432	0.75	<.03			
BG10-86	166.75	167.95	B34433	1.20	<.03			
BG10-86	167.95	169.35	B34434	1.40	<.03			
BG10-86	169.35	170.40	B34435	1.05	<.03			
BG10-86	**170.40**	**171.65**	**B34436**	1.25	**184.53**	**BC+flt imm foll by 1/2" dk gy chl myl imm foll by 0.2m blk-dk gy chl-sil vn bx w 40% carb w 5% cse py+ multiple spots V.G. (some cse) both sides of core along horizon@13-imm foll by 0.6m hily sil'd+bl'd zone well min'd w 4* 1/4"-0.05m 20%f+30% cse py vn's@28-43 assd w 20% 1/16"-3/4" dk gy qv's w 10% cse d py-imm foll by 20% leuco over 0.6m**	**179.521**	**189.533**
BG10-86	171.65	172.55	B34438	0.90	0.343	freshens quickly; 30% sample w 20% leuco@45		
BG10-86	172.55	173.45	B34439	0.90	0.566	0.15m mauve, hily bl'd zone w 10% cse d py assd w carb-chl @43 in 0.3m 15% leuc		
BG10-86	173.45	174.50	B34440	1.05	1.78	fresh; 5% q-ank-carb		
BG10-86	174.50	175.45	B34441	0.95	0.137	0.1m, mody bl'd zone w 10% cse d py assd w carb-chl @43 in 0.3m 15% leuc		
BG10-86	175.45	176.15	B34443	0.70	<.03	5% cse d py+ vn py @55 x-cuts carb vn's		
BG10-86	176.15	177.30	B34444	1.15	<.03	10% leuco locy conc w 3% cse d py@5(		
BG10-86	177.30	178.50	B34445	1.20	<.03			
BG10-86	178.50	179.25	B34446	0.75	<.03			

Hole_ID	From	To	Sample_#	Length	Au ppm	Description	Au ppm_ck	Au ppm-ck2
BG10-86	179.25	180.20	B34447	0.95	<.03			
BG10-86	180.20	181.20	B34448	1.00	1.337	0.1m bl'd mody w 10% cse d+vn py@57assd w chl-carb; ct betw pur hily mag & non mag gn is shr min'd w in buff sil'd @181.1 (0.05m) + 10% cse d py assd w carb-chl imm prec by 1/8" ank-chl vn w 10% cp-all@47	1.440	1.234
BG10-86	181.20	182.15	B34449	0.95	0.069			
BG10-86	182.15	183.50	B34450	1.35	<.03			
BG10-86	183.50	184.90	B34451	1.40	<.03			
BG10-86	184.90	186.30	B34452	1.40	<.03	ct betw pur hily mag & non mag gn shrp nat@60@185.2		
BG10-86	186.30	186.95	B34453	0.65	0.069	0.05m pur-gy q-ank vn@77 w 3% cse d p		
BG10-86	186.95	188.45	B34454	1.50	<.03			
BG10-86	188.45	190.10	B34455	1.65	<.03	ct betw pur hily mag & non mag gn shrp nat@46@189.3		
BG10-86	190.10	190.80	B34456	0.70	<.03	3/4" q-ank vn@57 imm foll by 1/2" pur-gy sil-no p		
BG10-86	190.80	192.00	B34457	1.20	<.03			
BG10-86	192.00	193.50	B34458	1.50	<.03			
BG10-86	193.50	195.00	B34459	1.50	<.03	gabbroic		
BG10-86	195.00	196.50	B34460	1.50	<.03	gabbroic		
BG10-86	196.50	198.00	B34461	1.50	<.03	2* 0.05m q-ank-carb vn's@37- bullish		
BG10-86	198.00	199.50	B34462	1.50	<.03			
BG10-86	199.50	201.00	B34463	1.50	<.03			
BG10-86	201.00	202.30	B34464	1.30	<.03			
BG10-86	202.30	203.00	B34465	0.70	<.03	hem'd mody w 3% f+ cse d py; ser'n+chl'n; 10% q-ank vn's to 1/2"@5		
BG10-86	203.00	204.00	B34466	1.00	<.03			
BG10-86	204.00	204.70	B34467	0.70	<.03			
BG10-86	204.70	205.70	B34468	1.00	1.543	0.25m brick red hem'n (posy fel intr) w 7% f+5% cse d py @62 w 1/4" dk gy chl-sil vn@110 w 5% cse d py+10% spec(?)/moly-ends on 1/4" med gy qv imm prec by 1/4" 50% cse py vn; 3/4" pa gy q-ank vn w 5% cp+5% spec+5% cse d py@110	1.646	1.440
BG10-86	205.70	206.40	B34470	0.70	<.03			
BG10-86	206.40	207.20	B34471	0.80	0.343	5% leuco		
BG10-86	207.20	208.80	B34472	1.60	0.274	1/4" q-chl vn w 10% f+10% cse d py @53; wy hem'd; 5% leuco; 5% cse d +vn py@53+120 assd w ser; 2% f py in 0.5m hem'd mody (or fel intr-looks like nat ct@81)		
BG10-86	208.80	210.00	B34474	1.20	0.069			
BG10-86	210.00	211.50	B34475	1.50	<.03			
BG10-86	211.50	213.00	B34476	1.50	<.03			
BG10-86	213.00	214.50	B34477	1.50	<.03			
BG10-86	214.50	215.20	B34478	0.70	<.03	1/4"-1/2" q-ank vn w 10% cse d py@8		
BG10-86	215.20	216.75	B34479	1.55	<.03	3/4" q-ank vn w 5% cp@26 vugg		
BG10-86	216.75	218.10	B34480	1.35	<.03			
BG10-86	218.10	219.00	B34481	0.90	<.03	1/4" q-ank vn w 10% cse d py@71; 1/2" q-ank vn w 20% cse d py@43 truncates q-ank vn@25 bullish vuggy		
BG10-86	219.00	220.50	B34482	1.50	<.03			
BG10-86	220.50	222.00	B34483	1.50	<.03			
BG10-86	222.00	223.50	B34484	1.50	<.03	10% carb-ank		
BG10-86	223.50	224.55	B34485	1.05	<.03	10% carb-ank		
BG10-86	224.55	225.30	B34486	0.75	0.069	3/4" chl zone w 20% cse d py@44 posy on slip in 0.15m wy hem'd w 5% f d p		
BG10-86	225.30	226.60	B34487	1.30	<.03	10% carb-ank		

Hole_ID	From	To	Sample_#	Length	Au ppm	Description	Au ppm_ck	Au ppm-ck2
BG10-86	226.60	228.00	B34488	1.40	<.03	10% carb-ank		
BG10-86	228.00	229.10	B34489	1.10	0.274	10% carb-ank		
BG10-86	229.10	230.10	B34490	1.00	<.03	5% q-ank; 1/2" olive gn posy dyke@35; locy wy bl'd/hem'd; 2% cse d py; 1/8" 80% cse py vn@		
BG10-86	230.10	231.25	B34491	1.15	<.03	wy hem'd locy; wy bl'd locy; alt'n along 1/16" 70% cse py vn's @62; 3% cse d +vn		
BG10-86	231.25	232.00	B34492	0.75	0.480	hily bl'd -ang bx of carb'd pa gy wy sil'd w 10% f d py+ 40% f d py assd w ser-chl-sil on c		
BG10-86	232.00	233.05	B34493	1.05	0.686	mauve-med pur aph zone w 20% f +20% cse d+vn py@4		
BG10-86	233.05	234.00	B34494	0.95	1.406	1" chl-sil vn@35 w 20% f d py imm foll by 0.4m hem'd hily red-br w 40% cse+10% f d +vn py@35-72; first 0.5 is med pur hily bl'd w 50% f+15% cse d py+10% clots of chl-sil@22	1.509	1.303
BG10-86	234.00	234.70	B34496	0.70	0.206	first 0.2m hem'd hily red-br w 40% cse+10% f d +vn py@35-72-then freshens quickly after ct@4		
BG10-86	234.70	235.90	B34497	1.20	<.03	mottled; 5% cse d py; locy wy hem'd@47; hily bl'd; 5% chl fract's@4		
BG10-86	235.90	237.00	B34498	1.10	<.03	wy bl'd		
BG10-86	237.00	238.10	B34499	1.10	<.03	wy bl'd		
BG10-86	238.10	238.95	B34500	0.85	<.03	wy bl'd; 2* 1" q-ank+ bl'd @25+47 w 3% f d p		
BG10-86	238.95	240.00	B34501	1.05	<.03	fresh; dk gn		
BG10-86	240.00	241.40	B34502	1.40	<.03			
BG10-86	241.40	243.00	B34504	1.60	<.03	0.2m hily bl'd carb'd w 20% q-ank ladder vn's+ w 8% cse d+vn py@4		
BG10-86	243.00	244.50	B34505	1.50	<.03	locy wy sil'd w med gy-pur 246 w 30% ladder vn's internally w 1-2% f d		
BG10-86	244.50	246.00	B34506	1.50	0.137			
BG10-86	246.00	247.50	B34507	1.50	<.03			
BG10-86	247.50	249.00	B34508	1.50	<.03			
BG10-86	249.00	250.50	B34509	1.50	0.343			
BG10-86	250.50	252.00	B34510	1.50	<.03			
BG10-86	252.00	253.50	B34511	1.50	<.03			
BG10-86	253.50	255.00	B34512	1.50	<.03			
BG10-86	255.00	255.80	B34513	0.80	<.03			
BG10-86	255.80	256.55	B34514	0.75	0.411	0.1m wy hem'd+ hily bl'd w 25% cse d py assd w 1/2"q-ank@6		
BG10-86	256.55	258.00	B34515	1.45	<.03			
BG10-90	22.90	24.35	B45452	1.45	0.206	dk gn; cbd; 20% whispy carb w 3% cse d py@27-42 locy con		
BG10-90	29.20	30.60	B45453	1.40	0.411	wy bl'd		
BG10-90	30.60	31.50	B45454	0.90	0.069	wy bl'd		
BG10-90	31.50	32.50	B45455	1.00	1.37	hily bl'd buff; shr'd w ser-chl-ank-sil w 20-30% cse py bands@4	1.371	1.371
BG10-90	32.50	33.20	B45457	0.70	0.960	hily bl'd buff; 0.1m shr'd w ser-chl-ank-sil w 50% cse d py@49; 30% q-an		
BG10-90	33.20	34.00	B45458	0.80	0.206	10% q-ank; 0.5m gn		
BG10-90	34.00	35.00	B45459	1.00	0.069	1/2"-3/4" q-ank vn w 20% cse vn py @14; hily bl'd; 10% dk gy clots chl-sil w 2% cse d py; 0.2m 35% q-ar contorted vn's to 3/4" w 20%chl-sil blebs w 20% f d py-@29		
BG10-90	35.00	36.20	B45460	1.20	0.069	20% q-ank stockwork in hily bl'd mody cb'd w 3-5% cse d p		
BG10-90	36.20	36.95	B45461	0.75	0.069	shr'd @ end		
BG10-90	36.95	37.70	B45462	0.75	0.069	shr; ct imm foll by hily sil'd 0.25m w 10-15% f d py +15% bx frag's rounded+ ser+ chl imm foll by BC w at lea 1" clay gouge imm foll by hily chlc 1.0m		
BG10-90	37.70	38.30	B45463	0.60	0.206	hily chlc; BC		
BG10-90	38.30	39.55	B45464	1.25	0.206			
BG10-90	39.55	40.90	B45465	1.35	0.069	0.2m w 1/2" q-ank bull vn's@6		
BG10-90	40.90	41.50	B45466	0.60	0.069	flt; 0.05m q-ank vn w 2% cse d py assd w sil-chl clots-@6		
BG10-90	41.50	42.35	B45467	0.85	0.549			
BG10-90	42.35	43.10	B45468	0.75	0.891	1" q-ank vn w 10% cse+f d py@28 assd w chl str's		

Hole_ID	From	To	Sample_#	Length	Au ppm	Description	Au ppm_ck	Au ppm-ck2
BG10-90	43.10	44.15	B45469	1.05	<.03			
BG10-90	44.15	45.60	B45470	1.45	<.03			
BG10-90	45.60	46.40	B45471	0.80	0.343	3/4" q-ank vn w 3% f d py imm prec by 1/8" 80% cse py vn imm prec by 0.05m hily bl'd w 2* 1/8" 50% cse p vn's-all @65		
BG10-90	46.40	48.00	B45472	1.60	0.069			
BG10-90	48.00	48.90	B45473	0.90	0.069	slip imm foll by 0.05m chlc bx zone w 3% cse d py imm foll by 0.15m mauve sil'd bx in q-ank w 3-5% f d py im foll by 0.05m chl ann bx (Brk?-doesn't look like it) in chl w 40% wallrock+ ank frag's well rounded imm foll by 0.15m hily hem'd w 30% fract's of sil-chl w 5% f d py		
BG10-90	48.90	49.65	B45475	0.75	<.03	1/2" q-ank bullish in hem'd 0.05m zones@4(		
BG10-90	49.65	50.70	B45476	1.05	<.03	1/2" q-ank bullish in hem'd 0.05m zones@4(		
BG10-90	50.70	51.60	B45477	0.90	<.03	0.4m mody hem'd w 5% cse d py locy conc in 20% q-ank+ w 2% cp-all @4		
BG10-90	51.60	52.90	B45478	1.30	0.069	0.05m hem'd mody w 5% f d py assd w 10% q-ank-all@40; 0.05m q-ank @47 bullis		
BG10-90	52.90	53.75	B45480	0.85	0.069	str shr w ser-chl-ank-qtz w 20% f d py+ vn py; 2* tight flt seams; all imm foll by 0.1m 10% cse py clots in moc hem'd		
BG10-90	53.75	54.40	B45481	0.65	1.17	mody hem'd; 5% q-ank vn's; 4* 1/8"-1/2" 70% cse py vn's@30+5	1.234	1.097
BG10-90	54.40	55.30	B45482	0.90	0.274	8% q-ank; 5% magn vn's to 1/2		
BG10-90	55.30	56.20	B45483	0.90	0.686	1/4"-1/2"50% cse py vn's@55; 2* 0.1m mody em'd zones w 10% cse d py@56+160 assd w spec vn's; 1/2 spec/magn vn w centre of chl-sil+2% cp@33		
BG10-90	56.20	57.30	B45484	1.10	0.686			
BG10-90	57.30	58.10	B45485	0.80	1.44	0.05m+1.5m hily sil'd+ hily bl'd w 60% cse+ 30%cse&20% f d py resp-all@55-63 truncating q-ank vı	1.440	1.440
BG10-90	58.10	59.20	B45487	1.10	1.34	hem'd; 15-20% cse d py+ vn'd py@46-51 ends on v hily bl'd wt shr(washed out flt here?)@(	1.440	1.234
BG10-90	59.20	60.25	B45488	1.05	0.891	59.65-59.97 is hily bl'd bone wt w 20% cse py in 2 1/4"-1/2" vn's@52+140+ w 10% spec-no sign of discreet st imm foll by 2* 3/4" 80% cse py vn@50		
BG10-90	60.25	60.95	B45489	0.70	0.206			
BG10-90	60.95	61.70	B45490	0.75	0.069	61.1-3/4" 50% cse py vn@75 posy on fl		
BG10-90	61.70	63.00	B45491	1.30	0.137	0.6m BC		
BG10-92	24.80	25.60	B45986	0.80	<.03	1-2% overall eu+anhedral py in clusters in carb+chl clots and margins of carb vn's; at 27.6-27.8 a 1cm wi carb+calcite vn with chl slip margins at 10 deg TCA with 1% py on margins		
BG10-92	25.60	26.40	B45987	0.80	<.03	1-3% anhedral py clusters in matrix; rare py in frac's		
BG10-92	26.40	27.50	B45988	1.10	<.03	1-3% py in occasional <0.5 cm carb vn's		
BG10-92	27.50	28.00	B45989	0.50	<.03	3-5% overall eu+anhedral py in clusters in carb+chl clots and margins of carb vn's; at 27.6-27.8 a 1cm wi carb vn with chl slip margins at 10 deg TCA with 3-5% py		
BG10-92	28.00	28.50	B45990	0.50	<.03	1-2% py in clots and in frac's; 10% stress frac's with carb		
BG10-92	28.50	29.40	B45991	0.90	<.03	as above		
BG10-92	29.40	30.30	B45993	0.90	<.03	3-5% py in white carb vn's; flt at 31.16m		
BG10-92	30.30	31.20	B45994	0.90	<.03	1-3% py; 10% low angle TCA white carb vn's		
BG10-92	33.50	34.00	B45995	0.50	0.069	1-2% py overall; two <0.5cm wide carb+qtz vn's with py at 55 deg TCA		
BG10-92	35.90	36.80	B45996	0.90	0.069	1-3% py in matrix; 10-15% carb+qtz vn'ing; Flt gouge at 36.5 m		
BG10-92	38.20	39.10	B45997	0.90	0.069	3-5% f.g py in hairline frac's mostly at and proximal to contact; splash of cpy in frac's		
BG10-92	39.10	39.80	B45998	0.70	0.137	39.2 to 39.4m 5-7% py in frac's at 65 deg TCA + strng alt'n; beyond this narrow section 1-3% py in rare frac's		
BG10-92	39.80	40.90	B46000	1.10	<.03	1-2% py overall mostly in occasional 1-3 mm vn's		
BG10-92	40.90	41.70	B46001	0.80	<.03	1% py		

Hole_ID	From	To	Sample_#	Length	Au ppm	Description	Au ppm_ck	Au ppm-ck2
BG10-92	41.70	42.50	B46002	0.80	0.960	wk perv carb with 1-3% dis f.g py + leuc flecs		
BG10-92	42.50	43.30	B46003	0.80	<.03	3-5% anhedral py in clusters; <5% late carb vn'ing		
BG10-92	43.30	44.00	B46004	0.70	<.03	1-3% py in wk perv carb + leuc flecs; flt at 43.83 to 43.85m		
BG10-92	44	44.5	B46005	0.50	1.41	start of shear + py+carb+ank zone; pink to light brown colour; 8-12% py in frac's in carb vn's for majority sample length	1.509	1.303
BG10-92	44.50	45.20	B46006	0.70	0.754	wk carb+ank alt'n; minor brittle frac's 1-2 mm widths with diss py		
BG10-92	45.20	45.90	B46007	0.70	1.82	***strng carb+qtz+ank alt'n with 1-3% py***	1.920	1.714
BG10-92	45.90	46.70	B46008	0.80	0.754	***46.3 to 46.6m 12-15% py in four parallel frac-vn's with carb+qtz+ank and alt'n halos at 65 deg TCA***		
BG10-92	46.70	47.70	B46009	1.00	<.03	wk alt'n mostly around carb+ank+qtz vn's <1 cm wide; 1-3% py		
BG10-92	47.70	48.30	B46011	0.60	0.069	banded alt'n sections with carb+qtz +ank vn;ing		
BG10-92	48.30	49.10	B46012	0.80	<.03	10% qtz+ank+carb vn'ing; 1-2% py		
BG10-92	49.10	49.70	B46013	0.60	1.68	***8-10% py in shear frac slips at 45 to 60 deg TCA; strng carb+ank+silica alt'n***	1.920	1.440
BG10-92	49.70	50.70	B46015	1.00	0.274	1-3% diss py in strngly alt'd sil+ank+carb section; flt gouge at contact at 50.6m		
BG10-92	50.70	51.70	B46016	1.00	<.03	1-3% diss py in urregualr frac's with chl+carb; sheared syn + diorite; 10-15% late qtz+carb+ank+alb		
BG10-92	51.70	53.00	B46017	1.30	0.480	1-2% py in frac's in syn; <5% late cc+carb vn'ing		
BG10-92	56.00	56.80	B46018	0.80	<.03	contact Syn-Diorite; sheared 1-2% diss py; <5% late carb vn'ing		
BG10-92	56.80	57.70	B46019	0.90	<.03	10-20% late opaque white carb vn'ing; 1-3% py; at 57.6m <0.5 cm 10 deg TCA carb vn with py+possible cpy		
BG10-92	60.70	61.40	B46020	0.70	0.069	60.8m 1 cm carb vn with py at 45 deg TCA; 61m Flt gouge at 70 deg TCA		
BG10-92	61.40	61.90	B46021	0.50	<.03	3-5% fg py in shear frac's at 55 deg TCA and at margins of late vn'ing; 60% multi-generational la ank+alb+qtz+carb vn'ing; possible healed Flt Zone		
BG10-92	64.10	65.00	B46022	0.90	0.069	15% late cc+carb+ank+qtz vn'ing at 45 to 50 deg TCA with negl py, splash cpy in frac in vn		
BG10-92	65.00	66.00	B46023	1.00	0.069	20% late carb+ank+qtz vn'ing; 0 deg TCA slip-flt with carb+chl; rare cpy in vn's		
BG10-92	66.00	67.10	B46024	1.10	0.480	15% late carb+ank+qtz vn'ing; 0 deg TCA slip-flt with carb+chl; at 66.65m mylonite at 45 deg TCA; chl+carb \ at 66.9 m at 25 deg TCA with 5% py		
BG10-92	69.00	69.90	B46025	0.90	<.03	overall <1% py, narrow frac's & diss		
BG10-92	69.90	70.50	B46026	0.60	<.03	<1% diss py; 5% 1-2mm late carb+ank vnlets		
BG10-92	70.50	71.00	B46027	0.50	1.92	*5-8% fg py predom in py+carb vn's 2 cm and 0.25 cm wide at 40 deg TCA; unit near contact with FP siliceous, strng brittle frac'ing with chl, 5% ank+qtz vn's*	2.469	1.371
BG10-92	71.00	71.50	B46029	0.50	<.03	negl py		
BG10-92	71.50	72.70	B54877	1.20	<.03	Infill		
BG10-92	72.70	73.30	B54878	0.60	0.069	Infill - 1/8' qtz-ank vn + 5% cse d py @ ct		
BG10-92	73.30	74.00	B46030	0.70	0.754	*73.75-73.8 localized shear at 50 deg TCA with 5-8% py; rest of sample <1% py*		
BG10-92	74.00	75.20	B54879	1.20	<.03	Infill - 2 x 1/8' 40% cse py vns @75		
BG10-92	75.20	76.20	B54880	1.00	<.03	Infill		
BG10-92	76.20	76.70	B46031	0.50	<.03	10% carb vnlets; negl py		
BG10-92	76.70	77.45	B46033	0.75	1.44	*12-15% py from 76.85 to 77m and 8-12%py from 77.3 to 77.45m represent shear frac zone strng carb + chl alt'n at 60 deg TCA*	1.646	1.234
BG10-92	77.45	78.00	B46034	0.55	0.069	*2 cm 70% vn py at 77.84 to 77.86m*		
BG10-92	78.00	78.50	B46035	0.50	<.03	1% dis py		
BG10-92	80.50	81.10	B46036	0.60	<.03	<1% diss py		

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BG10-92	81.10	82.00	B46037	0.90	0.274	3-5% py in matrix and in three <0.5cm to 1cm wide frac's with carb		
BG10-92	82.00	83.10	B46038	1.10	0.069	3-5% py predominantly in narrow carb vn shears at 83m; penetrative shear fabric starts at 82.4 to 83.1m		
BG10-92	83.10	84.10	B46039	1.00	<.03	3-5% magnetitie; three 0.25 carb vnlets with py at 50 to 65 deg TCA		
BG10-92	87.40	88.10	B46040	0.70	<.03	87.75-87.83m, strng carb vm with dk qtz+chl+3-8% py		
BG10-92	91.10	91.80	B46041	0.70	<.03	20% late opaque grey-white carb vn'ing with 3-5% py on margins		
BG10-92	97.90	98.46	B46042	0.56	<.03	negl py in FP		
BG10-92	98.46	99.20	B46043	0.74	0.274	7-10% py in penetrative shear frac's from 98.46 to 98.7m at 65 deg TCA; 5% carb white + dk opaque carb+q vn'ing with 3-5%		
BG10-92	99.20	99.90	B46045	0.70	0.137	1% f.g py in hairline frac's; 10% white carb vn'ing		
BG10-92	99.90	100.50	B46046	0.60	0.754	1mm frac with py 65 to 70 deg TCA; 15-20% late white carb vn'ing		
BG10-92	100.50	101.40	B46047	0.90	<.03	1% py diss in matrix; wk leuc flecking towards end of sample		
BG10-92	101.40	102.30	B46048	0.90	0.069	10% fg leic flec's; <1% diss py; late grey-white carb+qtz vein 3cm wide at 10 deg TCA 101.5 to 101.8m		
BG10-92	102.30	103.00	B46049	0.70	0.069	2% fg py mostly at 102.8 ti 102.9 in localized hear at 45 to 65 deg TCA with late carb + 2mm wide magnet seam + py +ser		
BG10-92	104.20	104.90	B46051	0.70	<.03	<1% py with 2cm calcite vn at 20 deg TCA		
BG10-92	104.90	105.60	B46052	0.70	<.03	1-2% anhedral py in late grey white carb vn's at 0 and 45 deg TCA; 15-20% luec flecs perv and alo penetrative shear fabric with ser at 50to 60 deg TCA		
BG10-92	105.60	106.60	B46053	1.00	<.03	mod shear fabric at 45 to 55 deg TCA with occasional 1-3mm late grey white carb vn's; 1% diss py		
BG10-92	107.90	108.70	B46055	0.80	<.03	1-2% py diss and proximal to late carb vn'ing		
BG10-92	108.70	109.70	B46056	1.00	0.343	*7-10% py in multiple 1-2mm brittle frac's at 65 to 75 deg TCA and diss; 10% late white carb vn'ing*		
BG10-92	109.70	110.50	B46057	0.80	<.03	*3-5% py overall mostly from110.1 to 110.4 in late carb vn'ing*		
BG10-92	110.50	111.40	B46058	0.90	1.71	5-7% py overall with good frac'ing + py from 110.5 to 110.9m - localized brittle frac zone with late white ca vn'ing as well	1.371	2.057
BG10-92	114.60	115.20	B46059	0.60	0.274	qtz+carb vn 114.95 to 115.04m at 50 deg TCA with 1-5% py + 1mm py frac at 114.7m		
BG10-92	117.00	117.70	B46060	0.70	<.03	two parallel 3.5 to 4 cm wide late carb+qtz vn's at 25 deg TCA with splash of cpy in one vn		
BG10-92	119.30	120.10	B46061	0.80	<.03	two 15 and 25 deg TCA weak slip-flts + late carb + chl vn's; <1% py		
BG10-92	130.40	131.00	B46062	0.60	<.03	two slip-flt at 45 and 85 deg TCA with carb+epi+py		
BG10-92	138.00	138.50	B46063	0.50	0.069	from 138.18 to 138.2m, 2cm wide qtz+carb vn with alt halo at 65 deg TCA; 5-7% py		
BG10-92	140.00	140.50	B46064	0.50	<.03	140.4m, 2mm vn py		
BG10-92	145.70	146.50	B46065	0.80	<.03	non magnetic unit pre MH Zone with 10% late white carb vn'ing at numerous 65 to 75 deg TCA slips wi ser+chl at 146; <1% py in frac's		
BG10-92	**146.50**	**147.00**	**B46066**	0.50	<.03	**MH Zone start - sharp contact shear zone at 25 to 35 deg TCA; lt qtz +carb+cal vning at 146.9 to 147.1 at 45 deg TCA; multiple 1-10mm py vn's at 65 to 75 deg TCA from 147.2 to 147.45m; overall 5-7% fg+m py**		
BG10-92	**147.00**	**147.70**	**B46067**	0.70	0.549	**as above; overall 7-10% py**		
BG10-92	**147.70**	**148.50**	**B46069**	0.80	0.754	**strong localized shears with vn py from 148 to 148.4m, overall 7-10% py**		
BG10-92	**148.50**	**149.00**	**B46070**	0.50	0.274	**multiple 1-4mm frac's with py; zone + frac'ing weakening; overall 3-5% py; end of strong ductile shearing - after this interval more brittle frac'ing with carb+py**		
BG10-92	149.00	149.50	B46071	0.50	0.137	hairline frac's with py; overall 3-5% py		
BG10-92	149.50	150.00	B46072	0.50	0.206	two 1cm wide py vn's with 40-50% py at 60 to 70 deg TCA; other 1-3mm wide vnlets with py; overall 5-7% py		
BG10-92	150.00	150.50	B46073	0.50	0.137	hairline frac's with py; overall 3-5% py		

Hole_ID	From	To	Sample_#	Length	Au ppm	Description	Au ppm_ck	Au ppm-ck2
BG10-92	150.50	151.10	B46074	0.60	0.069	occasional 2-3mm frac's with carb + py+ mag; overall 1% py; <5% late white carb vn at 5 deg TCA		
BG10-92	151.10	152.00	B46075	0.90	0.137	5mm py vn at 151.9m; <5% late white carb vn's		
BG10-92	154.50	155.10	B46077	0.60	0.343	weak perv patchy sil? Alt'n; 1-2% diss py + rare py in hairline frac's		
BG10-92	155.10	156.10	B46078	1.00	1.65	as above	1.783	1.509
BG10-92	156.10	156.80	B46079	0.70	0.960	as above; <1% py		
BG10-92	156.80	158.00	G63975	1.20	0.617	INFILL	1.440	1.509
BG10-92	158.00	158.80	B46080	0.80	1.475	weak to mod brittle stress frac'ing; irregular to hairline non penetrative & penetrative; 10-12% late grey-white c vn's; 1-2% py overall proximal to vn's	1.440	1.509
BG10-92	158.80	159.40	B46081	0.60	0.480	as above		
BG10-92	**159.40**	**160.20**	**B46082**	0.80	0.960	**MH Zone - strong shear zone with slips at 159.5 to 160.23m at 25 deg TCA at beginning of shear but predominantly 65 deg TCA; strong perv carb+ patchy sil with banded py + red tinge oxy'd sections; overall 10-12% fg + mg py anhedral + euhedral; 10-20% late grey-white carb stress vn's and qtz+ank? ; possible narrow flt bx at 160m at 65 deg TCA**		
BG10-92	160.20	161.00	B46083	0.80	0.069	1-3% diss py or in clots - frac's; perv carb + fg leuc flecs; mod fol'n fabric 55 to 60 deg TCA; 10% late whit grey carb vn's		
BG10-92	161.00	162.00	B46084	1.00	0.274	as above; but a few 2-4mm frac's with py		
BG10-92	162.00	164.00	B46085	2.00	0.137	as above		changed feb 17/11
BG10-92	164.00	164.50	B46086	0.50	0.069	<1% py; 10-15% late white carb vn's		
BG10-92	164.50	165.00	B46087	0.50	<.03	3-5% py in frac's and diss from 164.5 to 164.75 in local brittle frac zone with a 1cm wide py vn - 80% py at deg TCA at 164.7m		
BG10-92	165.00	166.00	B46088	1.00	0.069	weak, intermittent localized shearing with ser+chl+carb in hairline frac's occasionally with py; 10-20% late gr white carb vn's; overall py 1-5%		
BG10-92	166.00	167.00	B46089	1.00	0.754	as above		
BG10-92	167.00	168.00	B46090	1.00	<.03	as above; flt at 167.26m with carb+chl		
BG10-92	168.00	168.60	B46091	0.60	<.03	10-15% late white-grey carb vn'ing approaching MH shear zone; sil alt'n banding occuring at 168.8m; 1-2% di py		
BG10-92	**168.60**	**169.10**	**B46092**	0.50	0.686	**MH Zone 169.2 to 179.2m: sharp shear + alt'n contact at 169.2 m at 25 deg TCA with strng perv carb + grey qtz + ser; MH Zone Core 169.5 to 171m with strong sil as dk grey vn's & vnlets + weaker carb alt'n + 10-20% diss & frac py at 65 deg TCA + oxy'd hem core and is non-magnetic; after 171m alt'n is characterized by strng carb+ chl + 15-25% leuc flecs to 179.2m with moderate & strong sil + carb + ch sections of 15-20% diss & frac py at 40 to 55 deg TCA, some sections after 171m are magnetic; mod to strong ductile penetrative shear fabric at 40 to 60 deg TCA; from 177.8 to 178.8m 20-30% late qtz + ank vn's at 45 to 50 deg TCA ranging from 2mm to 2cm wide; overall py content ranges from 8- 25% diss & frac filled**		
BG10-92	**169.10**	**169.60**	**B46093**	0.50	2.160	**MH Zone; see 168.6 to 169.1m**	1.920	2.400
BG10-92	**169.60**	**170.10**	**B46094**	0.50	4.217	**MH Zone; see 168.6 to 169.1m**	4.251	4.183
BG10-92	170.10	170.80	B46096	0.70	3.052	**MH Zone; see 168.6 to 169.1m**	3.086	3.017
BG10-92	170.80	171.60	B46097	0.80	2.880	**MH Zone; see 168.6 to 169.1m**	3.017	2.743
BG10-92	171.60	172.50	B46099	0.90	2.709	**MH Zone; see 168.6 to 169.1m**	2.880	2.537
BG10-92	172.50	173.40	B46100	0.90	0.411	**MH Zone; see 168.6 to 169.1m**		
BG10-92	173.40	173.90	B46101	0.50	0.549	**MH Zone; see 168.6 to 169.1m**		
BG10-92	173.90	174.70	B46102	0.80	7.029	**MH Zone; see 168.6 to 169.1m; sil section from 174.3 to 174.5m**	7.611	6.446

Hole_ID	From	To	Sample_#	Length	Au ppm	Description	Au ppm_ck	Au ppm-ck2
BG10-92	174.70	175.60	B46103	0.90	21.566	**MH Zone; see 168.6 to 169.1m; sil section from 175.1 to 175.4m**	26.195	16.937
BG10-92	175.60	176.20	B46105	0.60	<.03	**MH Zone; see 168.6 to 169.1m; <5% py overall**		
BG10-92	176.20	177.20	B46106	1.00	5.177	**MH Zone; see 168.6 to 169.1m**	6.583	3.771
BG10-92	177.20	177.80	B46107	0.60	0.069	**MH Zone; see 168.6 to 169.1m**		
BG10-92	177.80	178.50	B46108	0.70	2.023	**MH Zone; see 168.6 to 169.1m; 15-20% diss + py in frac's**	2.469	1.577
BG10-92	178.50	179.20	B46109	0.70	1.989	**MH Zone; see 168.6 to 169.1m; 15-20% diss + py in frac's; alt'n + shear ends sharply at 179.1m at 4(deg TCA**	2.194	1.783
BG10-92	179.20	180.20	B46110	1.00	<.03	3-5% py in occasional late carb vnlet's 15 deg TCA		
BG10-92	180.20	180.80	B46111	0.60	0.617	5-7% fg py near hairline frac's and carb vn's		
BG10-92	180.80	181.70	B46112	0.90	<.03	1-3% py; 5-10% late white carb vn's		
BG10-92	181.70	182.70	B46113	1.00	0.960	5-8% frac + diss py in brittle frac'd zone from 182 to 182.5m, with 80 deg TCA flt at 182.12m		
BG10-92	182.70	184.10	G63980	1.40	<.03			
BG10-92	184.10	185.30	G63981	1.20	0.069			
BG10-92	185.30	186.95	G63982	1.65	0.069			
BG10-92	186.95	188.40	G63983	1.45	<.03	1/2" q-ank+5% cse d py@55		
BG10-92	188.40	189.90	G63984	1.50	<.03			
BG10-92	189.90	190.40	B46114	0.50	<.03	1-3% diss py overall concentrated near FP dyke contacts and near qtz +carb+epi frac's		
BG10-92	190.40	191.80	G63985	1.40	<.03			
BG10-92	191.80	192.50	B46115	0.70	0.891	15% late white to grey carb and Flt at 192.15 m with qtz+ carb vn + chl; <1% py		
BG10-92	192.50	193.90	G63986	1.40	<.03			
BG10-92	193.90	195.25	G63987	1.35	<.03			
BG10-92	195.25	196.40	G63988	1.15	<.03			
BG10-92	196.40	197.00	B46116	0.60	0.069	3-5% py in multiple hairline brittle frac's with epi at 60 to 75 deg TCA		
BG10-92	200.80	201.70	B46117	0.90	0.069	three 1-3 cm wide qtz vns at 85 deg TCA with epi halo; 5% leuc flecs; 1% fg py		
BG10-92	209.80	210.60	B46118	0.80	<.03	209.9 to 210.4 m 5-7% py in a 0 deg TCA grey carb vn + qtz+ chl; probable Flt Slip		
BG10-92	211.20	211.90	B46119	0.70	0.137	3-5% py in late grey carb vn at 5-10 deg TCA		
BG10-92	212.70	213.40	B46120	0.70	<.03	1% py in minor frac with epi+carb		
BG10-92	213.40	214.00	B46121	0.60	0.411	multiple stress frac's with epi + qtz + minor carb; 4 cm wide 50% vn py w qtz+carb+epi at 75 deg TCA 213.9m		
BG10-92	214.00	214.80	B46122	0.80	<.03	0.75 c vn with carb+ epi + 80% py at 5 deg TCA from 214.4 to 214.7m		
BG10-92	214.80	215.70	B46124	0.90	<.03	0 to 5 deg vn with epi+carb+calcite and 50-75% py 0.25 to 1 cm wide		
BG10-92	215.70	216.60	B46125	0.90	0.137	two vnlets at 70 to 85 deg TCA 1 to 2mm wide with py+carb+epi		
BG10-92	217.90	218.50	B46126	0.60	0.069	218m flt at 45 deg TCA healed with qtz+carb+epi+chl; <1% py		
BG10-92	219.40	220.00	B46127	0.60	<.03	219.6 to 219.7 grey qtz+epi vn + minor carb at 55 deg TCA; 15% leuc flecs		
BG10-92	222.00	223.10	B46128	1.10	<.03	frac py with epi; overall 3-5% py fg to mg euhedral		
BG10-92	228.70	229.40	B46130	0.70	0.617	two 10 cm qtz+epi+calcite vns at 55 to 75 deg TCA with 1 to 2 cm 30% banded py + cpy splash in vn; overall 5% py		
BG10-92	233.50	234.60	B46131	1.10	0.343	localized brittle shearing with qtz+epi fracès with py; overall 3-5% py; vn at 233.7m with py + cpy		
BG10-93	23.30	24.40	B45505	1.10	<.03			
BG10-93	24.40	25.50	B45506	1.10	<.03			
BG10-93	25.50	27.00	B45507	1.50	<.03			

Hole_ID	From	To	Sample_#	Length	Au ppm	Description	Au ppm_ck	Au ppm-ck2
BG10-93	27.00	28.50	B45508	1.50	<.03			
BG10-93	28.50	30.40	B45509	1.90	<.03			
BG10-93	30.40	31.30	B45510	0.90	<.03	1/4" q-ank vn w 20% cse+ f d py@43		
BG10-93	31.30	32.10	B45511	0.80	<.03			
BG10-93	32.10	33.50	B45512	1.40	<.03			
BG10-93	33.50	34.40	B45513	0.90	<.03	3/4" bull q-ank vn imm prec by 1/2" + imm prec by 1/8" disc 35% f py vn's-all@47;2* 1" q-ank-sil med gy vn's 5-8% f d py+ 10% chl@17+42		
BG10-93	34.40	34.95	B45514	0.55	<.03			
BG10-93	34.95	36.00	B45515	1.05	<.03			
BG10-93	36.00	37.50	B45516	1.50	<.03			
BG10-93	37.50	39.00	B45517	1.50	<.03	0.2m q-ank vn's (50%) @10-24 are bullish w 2-3% f d py in wallrock		
BG10-93	39.00	40.50	B45518	1.50	<.03			
BG10-93	40.50	42.00	B45519	1.50	0.069			
BG10-93	42.00	43.50	B45520	1.50	0.069			
BG10-93	43.50	45.00	B45521	1.50	<.03			
BG10-93	45.00	46.05	B45522	1.05	0.069			
BG10-93	46.05	46.95	B45523	0.90	0.069	flt imm prec by ser-chl-ank 0.3m w 5% cse d py; 0.1m 60% q-ank-chl bx@63 w 2% cse d py		
BG10-93	46.95	47.60	B45524	0.65	0.069	1/2" 50% q-ank-chl-ser w 2% cse d py@41; shr imm foll by 3/4" q-ank-chl-ser w 15% cse d py		
BG10-93	47.60	48.50	B45525	0.90	0.069			
BG10-93	48.50	49.70	B45526	1.20	<.03	inc'g bl'd downhole; 5% q-ank		
BG10-93	49.70	50.65	B45527	0.95	0.206	hily bl'd w 5-10% f d py; 15% q-ank; flt is chl ann bx-1/2" w 20% f d py-then quickly fresh dk gn		
BG10-93	50.65	51.40	B45528	0.75	<.03			
BG10-93	51.40	52.40	B45529	1.00	0.069	0.2m BC w at least 2" gouge+1" pk carb -MAIN BRK?; imm foll by brick red cr'd sy w 5% 1/8" q-ank+ med g qv's-one w 20% cp@48		
BG10-93	52.40	53.30	B45531	0.90	<.03	hily fol'd@42; mody hem'd; rare py; 2% med gy 1/8" q str's		
BG10-93	53.30	54.00	B45532	0.70	0.069			
BG10-93	54.00	54.85	B45533	0.85	0.206	0.2m hem'd zone w 20% q-ank w 3% cse d py+ 1/2" 70% cse py vn-all@42		
BG10-93	54.85	55.45	B45535	0.60	<.03	flt imm foll by shr w 6-8% cse d + vn py locy conc in hem'd chl-ank; imm foll by BC		
BG10-93	55.45	56.20	B45537	0.75	0.411	0.2m BC; sy dyke		
BG10-93	56.20	57.50	B45538	1.30	<.03	sy dyke		
BG10-93	57.50	59.00	B45539	1.50	<.03	sy dyke		
BG10-93	59.00	60.00	B45540	1.00	<.03	shr imm foll by BC		
BG10-93	60.00	61.40	B45541	1.40	<.03	BC		
BG10-93	**61.40**	**61.90**	**B45542**	0.50	**9.67**	**BC; 0.05m q-ank-chl w 35% cse d py@42**	**9.737**	**9.600**
BG10-93	61.90	63.00	B45543	1.10	<.03	3/4" bull q-ank vn w 5% spec @15		
BG10-93	63.00	64.10	B45544	1.10	<.03			
BG10-93	64.10	64.70	B45545	0.60	<.03	20% q-ank w 5% spec-bullish @37-62		
BG10-93	64.70	65.80	B45546	1.10	<.03	0.05m bull q-ank vn w 5% spec@37		
BG10-93	65.80	67.30	B45547	1.50	<.03	flt imm foll by 0.4m bx w bl'd rounded 60% frag's to 3/4" incl 30% cse py in/as frag's imm foll by shr imm foll b BC		
BG10-93	67.30	68.40	B45548	1.10	<.03	flt imm prec by 10% pk carb in blk dio w 3% leuco; 1/2" 20% cse d py		

Hole_ID	From	To	Sample_#	Length	Au ppm	Description	Au ppm_ck	Au ppm-ck2
BG10-93	68.40	69.30	B45549	0.90	<.03			
BG10-93	69.30	70.80	B45550	1.50	<.03			
BG10-93	70.80	72.00	B45551	1.20	<.03			
BG10-93	72.00	73.50	B45552	1.50	<.03			
BG10-93	73.50	74.90	B45553	1.40	<.03			
BG10-93	74.90	76.35	B45554	1.45	<.03	0.1m hily bl'd w flt+ 1% f d py+ ser'n		
BG10-93	76.35	77.30	B45555	0.95	<.03			
BG10-93	77.30	78.80	B45556	1.50	2.13	1/2" 30% cse py vn assd w chl @52; 0.5m chl-carb shr w 15% cse d py imm foll by BC	1.783	2.469
BG10-93	78.80	79.95	B45557	1.15	0.686	BC; locy wy sil'd w 15% cse d py		
BG10-93	79.95	81.30	B45558	1.35	0.480	BC		
BG10-93	81.30	82.50	B45559	1.20	0.754	BC; locy wy sil'd w 15% cse d py assd w vuggy q-ank @10		
BG10-93	82.50	84.00	B45560	1.50	0.069	inc'g competent		
BG10-93	84.00	84.90	B45561	0.90	0.686	hem'd locy to red-br w 3/4" 70% cse py vn@34+ med gy qv to 1/2"		
BG10-93	84.90	86.10	B45563	1.20	0.411			
BG10-93	86.10	87.50	B45564	1.40	0.206	1/4" 50% cse py vn assd w q-ank @66		
BG10-93	87.50	88.95	B45565	1.45	<.03	BC		
BG10-93	95.10	96.00	B45566	0.90	<.03	BC; 1/4" 60% cse py vn@67		
BG10-93	96.00	97.35	B45567	1.35	<.03			
BG10-93	97.35	97.65	B45568	0.30	<.03			
BG10-93	97.65	99.00	B45569	1.35	<.03			
BG10-93	99.00	100.10	B45570	1.10	<.03	3/4" 60% cse py vn in q-ank@62		
BG10-93	100.10	100.90	B45571	0.80	0.960	3% f d py in pa gy wy bl'd; 0.2m hily bl'd centred on 3/4" 70% cse py vn@47		
BG10-93	100.90	101.95	B45572	1.05	<.03			
BG10-93	101.95	103.40	B45573	1.45	<.03			
BG10-93	103.40	105.00	B45574	1.60	<.03	0.7m ser'd+ 20% q-ank frag's imm prec by shr		
BG10-93	105.00	106.50	B45576	1.50	<.03			
BG10-93	106.50	108.00	B45577	1.50	<.03			
BG10-93	108.00	109.50	B45578	1.50	<.03	1/8" 50% cse py vn assd w chl @44		
BG10-93	109.50	111.00	B45579	1.50	<.03	shr imm prec by 0.4m ank-sil-bl'd w 1/8" 30% cse py vn@25		
BG10-93	111.00	111.80	B45580	0.80	<.03			
BG10-93	111.80	112.55	B45581	0.75	<.03			
BG10-93	112.55	113.40	B45582	0.85	0.411	1"+ 1/2" 60% cse py vn's + slip @72 imm foll by hily bl'd+ sil'd		
BG10-93	113.40	114.40	B45583	1.00	<.03	1" sil'd+ bl'd w 8% cse d py@66		
BG10-93	114.40	115.95	B45585	1.55	<.03			
BG10-93	115.95	117.00	B45586	1.05	<.03	0.2m magn vn @116.65-116.85@32		
BG10-93	117.00	118.50	B45587	1.50	0.069	1/4"-1/2" q-ank vn w 5% spec +2% cp		
BG10-93	118.50	120.00	B45588	1.50	<.03			
BG10-93	120.00	121.50	B45589	1.50	<.03			
BG10-93	121.50	123.00	B45590	1.50	<.03			
BG10-93	123.00	124.50	B45591	1.50	<.03			

Hole_ID	From	To	Sample_#	Length	Au ppm	Description	Au ppm_ck	Au ppm-ck2
BG10-93	124.50	126.00	B45592	1.50	<.03			
BG10-93	126.00	127.50	B45593	1.50	<.03			
BG10-93	127.50	129.00	B45594	1.50	<.03			
BG10-93	129.00	130.50	B45595	1.50	0.891			
BG10-93	130.50	132.00	B45596	1.50	<.03			
BG10-93	132.00	132.65	B45597	0.65	<.03			
BG10-93	132.65	133.50	B45598	0.85	<.03	1/8"-1/4" 70% cse py vn assd w epi@47		
BG10-93	133.50	135.00	B45600	1.50	<.03			
BG10-93	135.00	136.50	B45601	1.50	<.03			
BG10-93	136.50	138.00	B45602	1.50	<.03	1-2% f d py; sy; ct w 0.05m chl; wy sil'd		
BG10-93	138.00	139.50	B45603	1.50	<.03	1-2% f d py; sy; wy sil'd		
BG10-93	139.50	141.00	B45604	1.50	<.03			
BG10-93	141.00	142.50	B45605	1.50	<.03			
BG10-93	142.50	144.00	B45606	1.50	<.03			
BG10-93	144.00	145.50	B45607	1.50	<.03			
BG10-93	145.50	146.60	B45608	1.10	<.03			
BG10-93	146.60	147.55	B45609	0.95	<.03			
BG10-93	147.55	148.60	B45610	1.05	<.03			
BG10-93	148.60	149.45	B45611	0.85	0.549	hily sil'd; mody bl'd buff-pa gy; centred on flt imm prec by 1/2" q-ank vn w 10% wallrock bx frag's, w 5% f d p imm prec by 1/2"-1" 50% f py vn imm prec by 0.15m 10% f d py; flt imm foll by 0.15m 5-10% f d py -all@35; best zone in hole to here		
BG10-93	149.45	150.35	B45613	0.90	0.069	3/4" 20% cse py in q-ank vn in sil'd mauve zone (1") @42		
BG10-93	150.35	151.30	B45614	0.95	<.03			
BG10-93	151.30	152.20	B45615	0.90	<.03	1/4"+1/8" 60% cse py vn's assd w med gy disc 1/2" qv @40		
BG10-93	152.20	153.45	B45616	1.25	<.03	posy sy dyke		
BG10-93	153.45	154.35	B45617	0.90	<.03	2* 0.05m q-ank bullish in 0.1m bl'd@66		
BG10-93	154.35	155.20	B45618	0.85	<.03	1/2" 60% cse py vn@62 in wy bl'd ser'd+chl-ank zone		
BG10-93	155.20	156.00	B45620	0.80	<.03			
BG10-93	156.00	157.50	B45621	1.50	<.03			
BG10-93	157.50	159.00	B45622	1.50	<.03			
BG10-93	159.00	160.40	B45623	1.40	<.03			
BG10-93	160.40	161.30	B45624	0.90	<.03	1/8" disc 50% cse py vn@75		
BG10-93	161.30	162.00	B45625	0.70	<.03	3/4" q-ank vn w 30% cse py@55; hily cbd		
BG10-93	162.00	163.50	B45626	1.50	<.03			
BG10-93	163.50	165.00	B45627	1.50	<.03			
BG10-93	165.00	166.60	B45628	1.60	<.03			
BG10-93	166.60	168.00	B45629	1.40	<.03			
BG10-93	168.00	169.50	B45630	1.50	<.03			
BG10-93	169.50	171.00	B45631	1.50	<.03	ct-betw dk gy w bleb epi, then med gn w vn epi @170.25 is shrp w 1/2" bull pk carb@41		
BG10-93	171.00	172.50	B45632	1.50	<.03			

Hole_ID	From	To	Sample_#	Length	Au ppm	Description	Au ppm_ck	Au ppm-ck2
BG10-93	172.50	174.00	B45633	1.50	<.03			
BG10-93	174.00	175.50	B45634	1.50	<.03			
BG10-93	175.50	177.00	B45635	1.50	<.03			
BG10-93	177.00	178.50	B45636	1.50	<.03			
BG10-93	178.50	180.00	B45637	1.50	<.03	last 0.1m posy sy-pk ct rolling		
BG10-93	180.00	180.75	B45638	0.75	<.03	bl'd; sil'd; 2-3% cse d py; posy sy		
BG10-93	180.75	181.95	B45639	1.20	0.069	bl'd; sil'd; 2-3% cse d py; posy sy-centred on 0.05 intense bl'd, sil'd @60 imm prec by 1/4" qv wt w 20% f d py		
BG10-93	181.95	182.90	B45641	0.95	0.069	2% cse d py		
BG10-93	182.90	183.45	B45642	0.55	0.960	0.3m w 5% f d py+ 10% dk gy 1/8" qv's+frag's+ 20% q-ank-all@47		
BG10-93	183.45	184.20	B45644	0.75	0.411	0.25m 5% cse d py centred on 0.05m BC w hily sil'd+GC w 15% f d py		
BG10-93	184.20	185.60	B45645	1.40	0.891	0.2m wy bl'd, mody sil'd w 10% cse+f d py@56		
BG10-93	185.60	186.90	B45646	1.30	<.03	wy sil'd w 5% f d py; flt imm foll by 1" BC in 0.05m mody bl'd		
BG10-93	186.90	188.20	B45647	1.30	1.71	2-3% cse d py; 1" wy sil'd@65	1.646	1.783
BG10-93	188.20	189.60	B45648	1.40	0.137			
BG10-93	189.60	190.65	B45649	1.05	<.03			
BG10-93	190.65	191.85	B45650	1.20	0.411	sy w 2-4% cse d py; BC; 1" chl vn w 5% cse d py@61		
BG10-93	191.85	193.30	B45651	1.45	<.03			
BG10-93	193.30	194.10	B45652	0.80	0.206			
BG10-93	194.10	195.70	B45653	1.60	<.03			
BG10-93	195.70	196.25	B45654	0.55	<.03	slip imm prec by 1/8"-1/4" dk gy qv+ 1/2" chlc w 6-8% f d py imm prec by 0.05m 20% q-ank w 5% f d py		
BG10-93	196.25	197.05	B45655	0.80	<.03			
BG10-93	197.05	198.25	B45656	1.20	<.03			
BG10-93	198.25	199.80	B45657	1.55	<.03			
BG10-93	199.80	201.25	B45658	1.45	<.03			
BG10-93	201.25	202.00	B45659	0.75	<.03	0.2m q-ank vn w 5% cp+5% spec+7% cse d py imm foll by 1/4" med gy qv w 8% cse d py-all@22		
BG10-93	202.00	203.15	B45660	1.15	<.03			
BG10-93	214.70	215.45	B45661	0.75	<.03	5% epi		
BG10-93	215.45	216.15	B45662	0.70	<.03	0.1m posy q por; 3% cse d py; wy sil'd		
BG10-93	216.15	216.90	B45663	0.75	<.03			
BG10-93	216.90	217.60	B45664	0.70	<.03	0.15m por w 3% cse d py imm foll by 0.1m ser'd+ 20% epi		
BG10-93	217.60	219.00	B45666	1.40	<.03			
BG10-93	222.00	222.95	B45667	0.95	<.03	0.2m ser'd w 70% epi@20 imm prec by 0.2mchlc+ser'd w 1/4" myl w 60% f py @20 disc		
BG10-93	241.60	242.60	B45668	1.00	<.03			
BG10-93	242.60	243.30	B45669	0.70	<.03	por ct imm prec by 0.05m chlc w 5% cse d py imm foll by 0.1m wy sil'd+ bl'd		
BG10-93	243.30	244.50	B45670	1.20	<.03			
BG10-94	31.90	32.40	B45672	0.50	<.03	qtz+cc vn at 5 deg TCA with py - 0.5 cm wid		
BG10-94	33.80	34.50	B45754	0.70	<.03	two flts with carb+qtz at 33.9 and 34.4 m; negl p		
BG10-94	35.10	36.10	B45755	1.00	0.069	3-5% py overall contained in frac's at 30-45 deg TCA <0.1 cm wide; flt at 35.3m at 20 deg TCA wi qtz+carb+chl		

Hole_ID	From	To	Sample_#	Length	Au ppm	Description	Au ppm_ck	Au ppm-ck2
BG10-94	36.10	36.90	B45756	0.80	<.03	10-15% qtz+alb vn's 1-3% py in 1mm frac's		
BG10-94	36.90	37.40	B45757	0.50	<.03	3-5% fg py in frac's at 25 to 35 deg TCA with 10% qtz veinlet		
BG10-94	37.40	38.10	B45758	0.70	0.069	1-3% py in <1mm frac's at 55 deg TCA		
BG10-94	38.10	38.60	B45760	0.50	<.03	38.2 to 38.5m shear with carb alt'n 5-7% fg py in frac'		
BG10-94	38.60	39.50	B45761	0.90	<.03	<1% py; two parallel qtz+carb vn's <0.25 cm wide with brown carb halo at 39 & 39.3m 45 to 65 deg TCA		
BG10-94	39.50	40.20	B45762	0.70	<.03	39.94 to 40.2 brown carb alt'n around qtz+carb vn's; 39.94 m 0.75 cm vn bx possible flt with hem & minor p 1% py overall		
BG10-94	40.20	41.40	B45763	1.20	0.069	1-2% py in discont frac's with py; wk brown carb alt'		
BG10-94	*41.40*	*42.20*	*B45764*	0.80	0.617	*strong brown carb alt'n with brittle ductile shear; 30-40% carb vn'ing with 1-2% diss py in frac's; at 42.2 m mud gouge at 30 to 45 deg TCA; Bidgood Main Flt?*		
BG10-94	42.20	43.40	B45765	1.20	0.069	strng perv chl+ w 15-20% qtz+cc+carb vn'ing carb alt'		
BG10-94	44.60	45.50	B45766	0.90	<.03	44.6 to 44.8m strong shear probable flt with chl+qtz+cc; 45.2 to 45.35m 35 deg TCA qtz veining with mo + ne py		
BG10-94	53.90	54.60	B45767	0.70	<.03	<1% py with qtz+carb+chl at contact diorite & Syenit		
BG10-94	55.66	56.20	B45768	0.54	0.274	3-5% py in diorite at diroite+syn contact with 30% qtz+carb vn'ir		
BG10-94	56.20	57.20	B45769	1.00	<.03	35-40% carb+qtz vn'ing <1% py		
BG10-94	61.10	61.90	B45770	0.80	0.549	0.75 cm vein at 61.3m with splash of cpy		
BG10-94	61.90	63.00	B54881	1.10	<.03	Infill		
BG10-94	63.00	64.10	B54882	1.10	<.03	Infill		
BG10-94	64.70	65.40	B54883	0.70	0.137	Infill - 1/4" 30% cse py vn @30		
BG10-94	65.40	66.40	B54884	1.00	0.069	Infill - 1/8" 30% cse py vn @70		
BG10-94	66.40	66.90	B54885	0.50	0.617	Infill - 2x 0.05 m qtz-ank vn; 3x1.8"-1-4" 30% cse py vns @7		
BG10-94	66.90	67.90	B54886	1.00	<.03	Infill		
BG10-94	67.90	68.50	B54887	0.60	0.960	Infill 2x 1/8" 50% cse py vns @75		
BG10-94	68.50	70.00	B54888	1.50	0.754	Infill		
BG10-94	64.10	64.70	B45771	0.60	1.58	3-5% py overall mostly concentrated in 5 cm section within a localized flt-shear from 64.3 to 64.6 m at 60 d TCA	1.303	1.851
BG10-94	70.00	70.60	B45772	0.60	<.03	1% py in <1mm frac's; occasional 1mm qtz+carb veinlet		
BG10-94	70.60	71.10	B45773	0.50	3.50	start of Zone; 10-12% py in shear slips + frac's, 20-30% car	3.497	3.497
BG10-94	**71.10**	**71.60**	**B45774**	0.50	2.06	**12 cm wide carb+qtz vn with 80% anhedral py; remainder od section 3-7% py in frac'**	2.194	1.920
BG10-94	**71.60**	**72.10**	**B45776**	0.50	1.51	**13cm wide carb+qtz vn with 90% anhedral py; remainder of section 7-12% p**	1.509	1.509
BG10-94	**72.10**	**72.60**	**B45777**	0.50	2.02	**overall 10-15% py with 1-2 cm vn's with 80% py - most vn's are broken with rubble size piece**	2.400	1.646
BG10-94	**72.60**	**73.40**	**B45778**	0.80	**0.343**	**5-8% py in narrow vn's & frac's; strng carb**		
BG10-94	73.40	74.00	B45779	0.60	<.03	2-5% py; 15-20% white opaque carb+qtz vn's with negl p		
BG10-94	74.00	74.80	B45781	0.80	0.069	3-5% py in frac's; strong shear chl+carb alt'n		
BG10-94	74.80	75.80	B45782	1.00	<.03	two <1 cm carb & qtz vn's; negl py; strng ma		
BG10-94	77.40	78.00	B45783	0.60	0.960	low & high angle carb vn's; 3-5% py in frac's; wk leuc flec		
BG10-94	78.00	78.50	B45784	0.50	0.206	at 78.45 m 2 cm carb vn with 80%py; 20% pink-white carb vn'in		
BG10-94	78.50	79.10	B45785	0.60	0.069	3-7% py in hairline frac's; 15% carb vn'in		
BG10-94	79.60	80.10	B45786	0.50	<.03	localized ductile shear at 70 deg TCA; mod luec flecs;1% p		
BG10-94	81.10	81.60	B45787	0.50	<.03	two 2mm vn's with py; overall 1% p		
BG10-94	90.10	90.70	B45788	0.60	0.069	2.5cm wide carb+qtz vn at 45 deg TCA; 3-5% py in frac's in Diorite at FP conta		
BG10-94	105.20	106.20	B45789	1.00	0.206	3-5% py in occasional parallel hairline frac's at 30-35 deg TCA; 1.5cm carb+qtz vn at 105.9 at 30 deg TCA		

Hole_ID	From	To	Sample_#	Length	Au ppm	Description	Au ppm_ck	Au ppm-ck2
BG10-94	106.20	106.50	B45790	0.30	0.069	at 106.3 m a 1.5 cm wide qtz+carb vn with 60% py ay 90 deg TCA; irreg qtz+carb vn'i		
BG10-94	106.50	107.20	B45791	0.70	0.069	1-3% diss py in hairline frac's		
BG10-94	107.20	108.40	B45792	1.20	0.069	3-5% py in frac's various angles with 5-8% carb vn'in		
BG10-94	119.60	120.70	B45793	1.10	<.03	3-5% spec hem in vn+fractures with weak to mod e		
BG10-94	126.60	127.30	B45794	0.70	<.03	10-15% carb vn'ing with minor py and cpy on slip		
BG10-94	129.70	130.30	B45795	0.60	<.03	overall 1% py in carb+frac's; 2.5 cm carb+calcite vn at 30 deg TC		
BG10-94	130.30	130.80	B45796	0.50	0.069	1-3% fg py in hairline fracs; increase in carb alt'		
BG10-94	130.80	131.20	B45797	0.40	2.43	5-7% fg py; strng carb alt'n; 25% leuc flecs; chl+carb frac's at 35 to 40 deg TC	2.126	2.743
BG10-94	**131.20**	**131.90**	**B45798**	0.70	3.98	**10-15% fg py in matrix; strong carb alt'n; 45 deg TCA frac'ing with chl+ser+carb diminishes in intensity after 131.7m; <1% carb+calcite vn'ing**	4.183	3.771
BG10-94	131.90	132.60	B45800	0.70	1.13	131.9 to 132.3m <0.2 cm frac's woth chl+carb+py; overall 5-7% p	1.234	1.029
BG10-94	132.60	133.30	B45801	0.70	1.51	5-7% py overall, predom from 132.9 to 133.1m in a carb+chl vn'ng at 45 and 85 deg TCA; 10-15% leuc flec weak red oxidized hem + carb alt'n	1.234	1.783
BG10-94	133.30	134.50	B51501	1.20	0.069			
BG10-94	134.50	135.00	B45802	0.50	0.069	two sections 4 cm and 10 cm wide wk carb+ oxy hem alt'n with leuc flecs proximal to two chl slips at 75 to deg TCA; overall py 3-5% fg		
BG10-94	135.00	135.90	B51502	0.90	0.069			
BG10-94	135.90	136.80	B45803	0.90	0.617	10-15% leuc flecs; 1-3% f.g diss py; weak carb zon		
BG10-94	136.80	137.30	B45805	0.50	<.03	wk carb; 1-3% leuc flecs; strng near end of sample; 3-5% fg p		
BG10-94	**137.30**	**138.10**	**B45806**	0.80	**5.52**	**10-12% py diss and in vn's; two 3 cm and 1 cm vn's with 80% py; strong carb+oxy hem alt'n- red colou ; <5% qtz & carb stringers; non magnetic**	4.937	6.103
BG10-94	138.10	139.50	B45808	1.40	0.960	1-3% py overall; four band of alt'n <4cm in width around 65 to 80deg TCA chl slips or localized shears, ban have leuc flecs and 1-3% diss py		
BG10-94	139.50	140.00	B45809	0.50	1.23	1-3% py overall; two bands 2 to 3cm wide with leuc+carb+py halos around chl slips at 65 to 85 deg TCA	1.440	1.029
BG10-94	140.00	141.50	B45810	1.50	<.03	<1% py; <5% pink-white carb vn'in		
BG10-94	141.50	142.50	B51503	1.00	0.069			
BG10-94	142.50	143.50	B45811	1.00	0.069	1-3% py mostly around occasional chl+carb slips at 55 deg to 70 deg TCA with leuc+carb halos+		
BG10-94	143.50	144.10	B45812	0.60	1.44	5-7% diss py; mod to strong perv carb with red oxy hem alt'n; 5-10% leuc fle	1.577	1.303
BG10-94	**144.10**	**144.70**	**B45813**	0.60	1.17	**10-12% diss py in 30 cm perv carb+oxy hem alt'n sectio**	1.234	1.097
BG10-94	**144.70**	**145.30**	**B45814**	0.60	1.61	**8-10% diss py in 20 cm section 145 to 145.2m with carb+oxy red hem alt; non-mag where alt'**	1.646	1.577
BG10-94	145.30	146.40	B45815	1.10	0.069	<1% py; <5% pink-white carb vn'in		
BG10-94	**146.40**	**147.00**	**B45816**	0.60	**5.07**	**10-12% diss py in matrix +frac's at 55 to 70 deg TCA; strng perv carb alt'n + red hem altn; non-mag**	4.800	5.349
BG10-94	**147.00**	**147.60**	**B45817**	0.60	2.09	**10-12% diss py in matrix +frac's at 55 to 70 deg TCA; strng perv carb alt'n + red hem altn; non-mag strng flt at 147.35m**	2.057	2.126
BG10-94	147.60	148.50	B45818	0.90	0.343	3-5% diss py around narrow frac's with carb; slightly mag; 5% qtz+carb vn'ir		
BG10-94	**148.50**	**149.10**	**B45819**	0.60	2.02	**8-10% diss py in matrix + frac's; 60-80% py in parallel vn's ranging from 2mm to 3 cm wide at 50-65 de TCA; strng carb alt'n; non mag**	2.057	1.989
BG10-94	**149.10**	**150.00**	**B45820**	0.90	**5.35**	**10-15% fg py from 149.35 to 150m diss in matrix and in two narrow frac's at 60-70 deg TCA; strng per carb+ sil +red oxy hem alt'n+ 15-30% leuc flecs; <3% carb+ank vn'ing; non-mag**	5.554	5.143
BG10-94	150.00	150.50	B45821	0.50	2.09	2-5% py diss in matrix three parallel <1 cm carb vn's at 25 to 45 deg TCA and occasional sli	2.194	1.989
BG10-94	150.50	151.00	B45822	0.50	3.98	1-3% py in occasional frac's; wk + narrow carb band with leuc flec	3.977	3.977
BG10-94	151.00	151.60	B45823	0.60	**5.01**	5-10% py between 151.5-151.7m FP-Diorite contact; overall 3-5% p	5.143	4.869

Hole_ID	From	To	Sample_#	Length	Au ppm	Description	Au ppm_ck	Au ppm-ck2
BG10-94	151.60	152.40	B45824	0.80	**4.11**	1-3% py contained within halos around multpile slips at 65 to 70 deg TCA with carb vnlets from 151.95 152.35m	5.143	3.086
BG10-94	152.40	153.20	B45825	0.80	0.343	occasional <0.25 cm wide vn's with py; overall 1-2		
BG10-94	**153.20**	**154.10**	**B45826**	0.90	2.88	**5-8% diss py in matrix & frac's; mod perv carb alt'n; <0.25 to 0.5 cm vn's with 80% py at 65 to 85 deg TCA; luec flecs; non-mag**	3.017	2.743
BG10-94	**154.10**	**154.60**	**B45827**	0.50	**4.56**	**10-15% diss py in matrix & frac's; mod perv carb + sil+ oxy hem alt'n; <0.25 to 0.5 cm vn's with 80% py at 65 to 85 deg TCA; leuc flecs; non mag**	4.389	4.731
BG10-94	**154.60**	**155.60**	**B45828**	1.00	3.46	**5-8% diss py in matrix & frac's; mod perv carb alt'n; <0.25 to 0.5 cm vn's with 80% py at 65 to 85 deg TCA; luec flecs; non-mag; vn bx at 155m**	3.634	3.291
BG10-94	155.60	156.10	B45829	0.50	0.137	1-2% py; magnetic		
BG10-94	156.10	156.70	B45830	0.60	2.88	1-3% py; magnetic	3.223	2.537
BG10-94	**156.70**	**157.50**	**B45831**	0.80	**22.53**	**MH Zone? 10-15% diss anhedral py in matrix + numerous sub-parallel frac's at 80-90 deg TCA; strong perv carb + sil+lesser oxy hem alt'n; wispy carb frac's throughout; leuc flecs; non-mag**	24.137	20.914
BG10-94	**157.50**	**158.00**	**B45833**	0.50	4.46	**MH Zone? 10-15% diss anhedral py in matrix + numerous sub-parallel frac's at 65-90 deg TCA; strong perv carb + sil+lesser oxy hem alt'n; wispy carb frac's throughout; leuc flecs; non-mag; 0.25 cm chl vn at 157.9m**	4.320	4.594
BG10-94	**158.00**	**158.60**	**B45834**	0.60	3.33	**MH Zone? 15-20% diss anhedral py in matrix + numerous sub-parallel frac's at 80-90 deg TCA; strong perv carb + sil+ oxy hem alt'n; wispy carb frac's throughout; leuc flecs; non-mag; 0.25 cm chl vn at 157.9m**	3.429	3.223
BG10-94	158.60	159.10	B45835	0.50	0.069	3-5% diss py in frac's; flt slip at 159.1		
BG10-94	159.10	159.90	B45836	0.80	2.33	5-8% py + strng carb + sil alt'n after 159.1m for 10 cm; wk carb alt up to 45 deg TCA slips at 159.9m; 10-12 carb+calcite vn'ing	2.469	2.194
BG10-94	159.90	160.60	B45838	0.70	0.411	3-5% py + strng carb + sil alt'n after 159.1m for 10 cm; 10-12% carb+calcite vn'ir		
BG10-94	**160.60**	**161.20**	**B45839**	0.60	1.20	**80% py in vn from 160.9 to 160.98 m at 65 deg TCA; remainder of section has 3-5% diss py; 5-10 carb+cc vn'ing**	1.371	1.029
BG10-94	161.20	161.80	B45840	0.60	1.68	5-10% diss py from 161.56 to 161.73m in increase in carb+oxy red hem section with luec flecs at 80 deg TC remainder of section has 3-5% py in narrow frac's	1.783	1.577
BG10-94	161.80	163.00	B45841	1.20	0.137	5-7% diss py in hairline frac's (some conjugate at 35 deg TC		
BG10-94	163.00	163.80	B45842	0.80	0.88	8-10% diss py and strong + sil alt'n from 163 to 163.3m proximal to Flt at 163.3 to 164.4m at 50 deg TCA; aft Flt strong luec flecs, 3-5% diss py; strong Flt at 163.64 at 35 deg TCA	0.050	1.714
BG10-94	163.80	164.80	B45843	1.00	0.069	1-3% py overall; stronger from 164.45 to 164.5m along chl+carb shear planes at 45 deg T		
BG10-94	164.80	165.80	B45844	1.00	<.03	1-2% py in 1-2mm frac low angle & high angle frac's; 10-15% carb vn'ir		
BG10-94	166.80	167.80	B45845	1.00	0.206	1-3% py overall; at 167m 5mm carb+chl vn with 65%py at 45 deg TCA; 167.25 - 167.7m 80% cal+carb+qtz with minor py in bx diorite within vn		
BG10-94	170.80	172.10	B45846	1.30	0.274	3-5% py occurring on margins of multiple carb+cc+qtz+epi vnlets at 75 - 80 deg with later opaque carb+qtz vr at 30 to 55 deg TCA		
BG10-94	177.00	177.60	B45847	0.60	<.03	1% py; mod epi alt'n in frac's <1mm to 2 mm in width; <3% carb+qtz vn'ing; strong m		
BG10-94	*177.60*	*178.30*	*B45848*	0.70	*0.137*	*1-3% py + splashes of cpy in 15 deg TCA carb+grey qtz+epi vn 5mm wide and a flt+vn at 65 deg TCA at 177.63m; mod epi; strng mag*		
BG10-94	*178.30*	*179.00*	*B45849*	0.70	*0.480*	*expected area for MH Zone - 3-5% py overall contained in two frac sets - one set at 50-60deg TCA and another at 15-20 deg TCA - higher angle frac's offset low angle sets - vn's 1mm to 3mm in width with carb+qtz+epi; strng mag*		
BG10-94	198.40	199.10	B45850	0.70	0.274	<1% py overall; flt at 198.6 to 198.66 at 90 deg TCA with negl		
BG10-94	211.75	212.40	B45851	0.65	<.03	25-35% calcite +qtz vn+epi on margins at 30 to 40 deg TCA and minor grey qtz+carb with py+minor cpy		

Hole_ID	From	To	Sample_#	Length	Au ppm	Description	Au ppm_ck	Au ppm-ck2
BG10-94	217.00	217.50	B45852	0.50	<.03	<1% py; subparallel vnlets at 0-5 deg TCA; epi alt'n confined to 5 cm sectic		
BG10-94	**217.50**	**218.00**	**B45853**	0.50	2.64	**217.63 to 218.5m strng perv carb+mod oxy hem+ minor epi+10-15% diss & vn py at 80-90 deg TCA**	2.606	2.674
BG10-94	**218.00**	**218.60**	**B45854**	0.60	**4.70**	**10-15% diss py overall with strng py at 218.02 to 218.07m 75 deg TCA; perv carb + oxy red hem+minor epi+ diss py**	4.937	4.457
BG10-94	218.60	219.10	B45855	0.50	0.343	<1% py; 10% 1mm frac's with carb+ep		
BG10-94	221.00	221.60	B45856	0.60	<.03	two qtz+carb+qtz vn's at 25 to 35 deg TCA with splash of cpy in one vn and negl p		
BG10-94	234.20	234.90	B45857	0.70	0.137	1-3% py overall confined to 3mm frac at 234.66 m at 75 - 8- deg TCA with epi; flt at 234.4 with minor		
BG10-101	22.20	23.00	B45858	0.80	<.03	3mm py vn 85 deg TCA at 22.3 m and 5mm carb alt'n around hairline frac's at 65 deg TC		
BG10-101	28.50	29.20	B45859	0.70	<.03	overall 1-3% py; 2mm py vn at 28.8m and some py in few hairline frac's; 5% qtz+carb and carb+ank vn'ing		
BG10-101	42.10	42.90	B45861	0.80	<.03	1-3% diss py in carb vn'ing within a localized mod shear at 45 from 42.2 to 42.77m; perv carb a		
BG10-101	42.90	43.90	B45862	1.00	<.03	1-3% diss eu py in frac's & on margins of multiple 15% carb+cc vn's at 50 to 65 deg TCA; vn's due to tail-end shear section		
BG10-101	43.90	44.40	B45863	0.50	<.03	1-2% py in hairline frac's		
BG10-101	44.40	45.10	B45864	0.70	0.069	5-7% diss fg py at margins of 15-20% cream-white opaque carb+ank vn's at 25 and 55 deg TCA; mod pe ser+carb alt'n gives pale brown-green colour		
BG10-101	45.10	45.80	B45866	0.70	<.03	3-5% diss py in frac's and at margins of 5-10% carb+ank vn's; mod perv ser+carb alt'n gives pale brown-gre colour		
BG10-101	45.80	46.50	B45867	0.70	<.03	45.8-46.2m strng perv sil+ser+carb alt'n gives pale brown-green colour; carb+ank vn'ing; 3-5%		
BG10-101	47.50	48.00	B45868	0.50	<.03	increase in carb+ank vn'ing from 47.8 to 47.9m; 1% p		
BG10-101	48.00	48.50	B45869	0.50	<.03	5-7% remob'd looking py; strng ser+carb perv alt'n; frac + slip's at 40-45 deg TCA and 30-35 deg TCA; 25-30 disjointed carb+qtz+ank vn'ing		
BG10-101	48.50	49.50	B45870	1.00	<.03	1-3% diss fg py in hairline frac's; multiple parallel stress frac's at 25 deg TCA starts from 49-49.5m with gre carb+qtz		
BG10-101	49.50	50.50	B45871	1.00	<.03	1-3% diss fg py; mod to strng carb alt'n gives pale brown patchy appearance; low angle carb+qtz+ank vn'i <0.5 cm in width		
BG10-101	50.50	51.00	B45872	0.50	<.03	as above		
BG10-101	51.00	51.70	B45873	0.70	<.03	as above; flt-slip at 51.4 at 25 deg TCA with fg py on margin		
BG10-101	**51.70**	**52.80**	**B45875**	1.10	**0.069**	**PY+CARB+ANK ZONE - low angle TCA; 10-12% diss eu + anhedral fg & mg py along margins o carb+qtz+minor ank frac's + vn's at predominantly 15 to 25 deg TCA; strong Flt at 51.83 to 52.2 m at 15 deg TCA**		
BG10-101	**52.80**	**53.70**	**B45876**	0.90	**0.480**	**PY+CARB+ANK ZONE - low angle TCA; 10-12% diss eu + anhedral fg & mg py along margins o carb+qtz+minor ank frac's + vn's at predominantly 15 to 25 deg TCA; strong Flt at 52.8 to 53.6 m at 15 deg TCA**		
BG10-101	53.70	54.80	B45878	1.10	<.03	5-7% py in carb+chl clots+frac's; 5% qtz+carb vn's		
BG10-101	57.25	58.00	B45879	0.75	<.03	3-5% diss py and minor py in frac's; <15% carb+qtz vn'ing		
BG10-101	58.00	59.00	B45880	1.00	0.069	5-7% diss py; 58.8 to 58.9m brittle frac'ing with py + carb+ qtz at 15 deg TCA		
BG10-101	59.00	59.90	B45881	0.90	0.137	7-10% diss py and in frac's; 57.8 to 57.9m carb+py in localized shear at 20 deg TCA		
BG10-101	59.90	60.60	B45882	0.70	<.03	3-5% diss py and in frac's; <10% carb vn'ing		
BG10-101	63.50	64.00	B45883	0.50	<.03	5-7% diss py few frac's with py; 5% carb vn'ing		
BG10-101	**64.00**	**64.50**	**B45884**	0.50	0.069	**PY+CARB+ANK ZONE - low angle TCA; 5-7% diss eu + anhedral fg & mg py along margins o carb+qtz+minor ank frac's + vn's at predominantly 15 to 20 deg TCA; shear at 20 deg TCA**		

Hole_ID	From	To	Sample_#	Length	Au ppm	Description	Au ppm_ck	Au ppm-ck2
BG10-101	**64.50**	**65.20**	**B45886**	0.70	2.54	**PY+CARB+ANK ZONE - low angle TCA; 5-7% diss eu + anhedral fg & mg py along margins o carb+qtz+minor ank frac's + vn's with two py vn's 1mm and 3mm wide at 55 deg TCA; mod brittle-ductile shear at 50 deg TCA**	2.469	2.606
BG10-101	65.20	66.00	B45887	0.80	0.069	3-5% diss py and in frac's; 25% qtz+cc+carb vn'ing disjointed by slips at 45 to 55 deg TCA		
BG10-101	66.00	66.60	B45889	0.60	<.03	3-5% diss py; 15% qtz+carb vn'ing		
BG10-101	66.60	67.20	B45890	0.60	0.823	5-7% overall py; 66.6m a 1mm vm with py at 50 deg TCA; 66.95 to 67.1m grey+white vn+ Flt healed with d qtz? + bx with 10-15% py at 30 to 45 deg TCA		
BG10-101	67.20	68.70	B45891	1.50	0.274	3-5% py as disemination and in disjointed hairline frac's; 10% carb+qtz vns		
BG10-101	68.70	69.70	B45892	1.00	0.274	8-10% diss anhed + euhed py in frac's and blebs; 10% cc + qtz vn'ing		
BG10-101	69.70	70.70	B45893	1.00	0.891	3-5% diss py; 15% qtz+carb vn'ing		
BG10-101	70.70	71.60	B45894	0.90	0.686	1-3% diss py; 5% carb vn'ing		
BG10-101	71.60	72.50	B45895	0.90	0.617	5-7% diss py and py in frac's at 71.88 and 72.1m at 85 and 65 deg TCA; 15-20% carb in stress frac's + slip strng perv carb		
BG10-101	72.50	73.20	B45896	0.70	1.44	5-7% diss py and py in vn's + frac's+ slips; 72.7 to 72.8 m Flt + carb vn+ser + chl with 10-12% py	1.646	1.234
BG10-101	73.20	74.00	B45897	0.80	<.03	3-5% py; 73.77m 1cm py vn at 50 deg TCA; 10% disjointed stress frac's with carb		
BG10-101	74.00	75.00	B45898	1.00	<.03	1-2% diss py in clots and disjointed frac's; localized 1-5 cm wide ductile shears with chl+ser		
BG10-101	75.00	75.70	B45899	0.70	<.03	1-2% diss py; 15% carb+qtz vn'ing		
BG10-101	75.70	76.20	B45900	0.50	<.03	mafic dyke		
BG10-101	76.20	77.20	B45901	1.00	<.03	1-2% diss py; 15-25% disjointed stress frac's with carb+ qtz		
BG10-101	85.10	86.10	B45902	1.00	0.206	Bidgood Main Bk- Shear Zone; 3-5% fg py in hairline frac's; stng chl + carb+ ser - ductile shearing		
BG10-101	86.10	86.80	B45904	0.70	1.34	Bidgood Main Bk- Shear Zone; 1-3% fg py in hairline frac's; stng chl + carb+ ser; Mud gouge Flt at 86.4 (Bidgood Main Break?)	1.371	1.303
BG10-101	**86.80**	**87.60**	**B45905**	0.80	**4.25**	***Bidgood Main Bk- Shear Zone; 8-10% fg py in hairline frac's; stng chl + carb+ se***	4.731	3.771
BG10-101	**87.60**	**88.50**	**B45907**	0.90	1.54	***Bidgood Main Bk- Shear Zone; 5-7% fg py in hairline frac's; stng chl + carb+ se***	1.577	1.509
BG10-101	**88.50**	**89.00**	**B45908**	0.50	1.17	**Bidgood Main Bk- Shear Zone; 1-3% fg py in hairline frac's; stng chl + carb+ se**	1.234	1.097
BG10-101	**89.00**	**89.50**	**B45909**	0.50	2.37	***Bidgood Main Bk- Shear Zone; 5-7% fg py in hairline frac's; stng chl + carb+ se***	2.263	2.469
BG10-101	**89.50**	**90.00**	**B45910**	0.50	0.41	**Bidgood Main Bk- Shear Zone; 3-5% fg py in hairline frac's; stng chl + carb+ ser + leuc flec**		
BG10-101	90.00	91.00	B45911	1.00	0.686	Bidgood Main Bk- Shear Zone; 1-3% fg py in hairline frac's; stng chl + carb+ ser + leuc flecs; strng ductile fol'n at 20 to 50 deg TCA		
BG10-101	91.00	92.00	B45912	1.00	0.891	Bidgood Main Bk- Shear Zone; 1-3% fg py in hairline frac's; stng chl + carb+ ser + leuc flecs; strng ductile fol'n at 20 to 50 deg TCA		
BG10-101	**92.00**	**93.50**	**G63976**	1.50	**<.03**	**INFILL**	**8.777**	**6.377**
BG10-101	**93.50**	**94.00**	**B45913**	0.50	**7.58**	**1-3% py overall; 1 cm carb vn at 20 deg TCA with 30% py at 93.6m pre-contact with diorit**	**8.777**	**6.377**
BG10-101	94.00	95.00	B45914	1.00	<.03	1-2mm frac's at 15 - 25 deg TCA with alt'n leuc flec halos and minor p		
BG10-101	95.00	96.00	B45915	1.00	0.069	1-2% py overall; two 5-10 cm sections of sil+carb alt'n around frac's with minor		
BG10-101	96.00	96.60	B45916	0.60	<.03	low angle Flt and frac's with qtz+alb+5-7% spec hem+minor py; leuc+sil halc		
BG10-101	96.60	97.60	B45917	1.00	0.274	as above; 1-3% p		
BG10-101	97.60	98.80	B45918	1.20	0.343	weak to mod perv carb alt'n with 3-5% diss py with 15% qtz+alb and dk grey qtz vn'i		
BG10-101	100.20	100.70	B45919	0.50	<.03	1-3% py on margins of 3mm qtz vn's and frac's with leuc halo		
BG10-101	100.70	101.40	B45920	0.70	0.069	3-5% py; py + 5-10% spec hem around and in qtz+alb frac's at 15 to 25 deg TCA from 101 to 101.3		
BG10-101	101.40	102.00	B45921	0.60	0.069	5-10% spec hem in frac's 101.8 to 101.93; minor p		
BG10-101	102.90	103.90	B45922	1.00	1.54	<1% py	1.303	1.783
BG10-101	103.90	104.50	B45923	0.60	0.343	104m a 2cm wide py vn 75% py in diorite at 50 deg TCA at contact with FP		

Hole_ID	From	To	Sample_#	Length	Au ppm	Description	Au ppm_ck	Au ppm-ck2
BG10-101	104.50	105.20	B45924	0.70	<.03	104.5 to 105m diorite int. With 5-7% py along frac's		
BG10-101	105.20	105.90	B45925	0.70	<.03	nil py in FP minor late qtz+alb+ank vn'ing		
BG10-101	108.40	109.20	B45926	0.80	0.069	nil py in FP minor late qtz+alb+ank vn'ing		
BG10-101	109.20	110.00	B45927	0.80	<.03	20 cm sil altn in diorite at contact with FP with 3-5% py; o deg TCA 0.5 cm qtz+alb vn with cpy spalshes		
BG10-101	110.90	112.00	B45929	1.10	0.069	wk sil alt'n section coincident 5 deg TCA slip-vn and minor frac'ing with 1-3% py and spec hem		
BG10-101	113.10	113.80	B45931	0.70	0.069	25% cc+qtz vn'ing with 1% py		
BG10-101	113.80	114.60	B45932	0.80	0.069	carb in multiple stress frac's; <1% py		
BG10-101	139.10	139.80	B45933	0.70	0.206	30% carb vn'ing with leuc flecs proximal to flt-slips; 1-2% py		
BG10-101	144.40	145.10	B45934	0.70	0.343	overall 1-3% py; localized shears 3-6 cm wide with carb vn'ing + fg py		
BG10-101	197.90	199.00	B45935	1.10	<.03	1-2% brassy py mostly contained in irreg carb vn's from 198 to 198.3m		
BG10-101	199.00	199.50	B45936	0.50	0.137	three parallel <1 to 1mm qtz vn's with py, leuc halo at 65 deg TCA		
BG10-101	201.00	202.10	B45937	1.10	0.206	four qtz+carb vn's <1cm to 1 cm wide with 30 to 60% py at 0 to 55 deg TCA		
BG10-101	209.00	209.50	B45938	0.50	0.206	1% py; 0.5 cm wide vn at 209.1		
BG10-101	209.50	210.00	B45939	0.50	0.069	1% py in hairline frac's		
BG10-101	213.80	215.00	B45940	1.20	1.34	1% py overall; weak carb alt'n from 213.8 to 214.1m with 2 mm qtz vn with	1.097	1.577
BG10-101	215.00	215.70	B45941	0.70	1.13	1-3% diss py overall; 215.15 to 215.3m perv oxy'd hem gives red colour + carb + 3-5% py in fra	1.097	1.166
BG10-101	215.70	216.50	B45942	0.80	0.274	2-5% py mostly in 1-2mm random vnlet's		
BG10-101	216.50	217.00	B45943	0.50	0.137	badly brken core; 1-5% py in carb+cc vnlets		
BG10-101	217.00	217.60	B45944	0.60	<.03	as above; some brassy looky py on slip probably cpy		
BG10-101	218.50	219.20	B45945	0.70	0.069	<1% p <5% opaque white carb vn'ingy an		
BG10-101	219.20	220.00	B45946	0.80	0.274	3-5% py in frac's; perv mod carb alt'n; 10% white opaque late carb vn'ing		
BG10-101	**220.00**	**220.75**	**B45947**	0.75	0.960	**MH Zone; 8-10% py overall; 1 cm vn py at 220.4m and increase in py vnlets at 220.4 to 220.7m**		
BG10-101	**220.75**	**221.40**	**B45948**	0.65	0.754	**MH Zone; 5-7% py overall; two parallel <0.25 cm vn's with py at 35 deg TCA; strng perv carb + oxy hem giving red colour**		
BG10-101	221.4	221.9	B45950	0.50	1.34	MH Zone; 8-10% py overall; <1 cm vn py vnlets; strng carb alt'n	1.303	1.371
BG10-101	221.9	222.5	B45951	0.60	1.85	MH Zone; 15-20% py overall; vn py common with <1 cm to 2 cm vn's with 60 to 80 % brassy looking anhedral py at 15 to 45 deg TCA; strng carb alt'n + oxy'd hem alt'n; <5% late opaque white carb vn'ing	1.371	2.331
BG10-101	222.5	223.2	B45953	0.70	1.75	MH Zone; 8-10% py overall; wispy frac's with fg py; strng carb alt'n + red oxy'd hem	1.303	2.194
BG10-101	223.2	224	B45954	0.80	1.85	MH Zone; 8-10% py overall; wispy frac's with fg py; strng carb alt'n + red oxy'd hem; 10% stress frac's with white carb	1.989	1.714
BG10-101	224.00	224.50	B45955	0.50	0.891	3-5% diss py in matrix and frac's; strng carb + chl+ ser lt'n; <5% carb in frac's		
BG10-101	224.50	225.00	B45956	0.50	0.960	1-3% diss py in matrix and frac's; strng carb + mod chl+ ser lt'n; <5% carb in frac's		
BG10-101	225.00	225.50	B45957	0.50	<.03	<1% diss py; magnetic; 5% opaque white carb vn'ing		
BG10-101	229.00	229.90	B45958	0.90	<.03	two flts at 229.15 and 229.75m with carb+chl+qtz; dk grey qtz vn at 229.15m with minor py cubes; <1% p overall		
BG10-101	240.10	241.30	B45959	1.20	<.03	weak to mod brittle frac'd zone at 25 to 45 deg TCA with perv fine leuc flecs; bx zone at 240.5 to 240.58m; <1 carb and qtz+ank+carb vn'ing + minor py; 241.16m Flt-slip with bounding qtz+carb+ank+chl		
BG10-101	247.60	248.20	B45960	0.60	0.069	1% py + 3-5% spec hem; 10% carb+pink calcite vn'ing		
BG10-101	269.20	269.70	B45961	0.50	0.206	5-8% fg diss py in frac's and in one 1cm wide 70% py vn with carb at 269.6m; <5% late opaque carb vn'ing		

Hole_ID	From	To	Sample_#	Length	Au ppm	Description	Au ppm_ck	Au ppm-ck2
BG10-101	269.70	270.50	B45962	0.80	<.03	3-5% diss py in matrix and frac's		
BG10-101	270.50	271.30	B45963	0.80	<.03	at 270.85m 4 cm qtz+carb+cc+chl vn at 25 deg TCA negl py; 1-3% py along slips-frac's		
BG10-101	272.50	273.10	B45964	0.60	<.03	3-5% diss py and 1cm wide 40% py in carb vn at 273m		
BG10-101	276.80	277.50	B45965	0.70	0.069	10-15% white carb vn'ing with 5-7% fg py diss in matrix & along slips; minor leuc flecs		
BG10-101	279.10	280.40	B45966	1.30	<.03	3-5% fg diss py in matrix; 10% late white-pink carb vn'ing		
BG10-101	**280.40**	**281.30**	**B45967**	0.90	<.03	***Weak Py+Carb Zone; 7-10% py in matrix-frac's and vn py; two parallel py vn's <1cm wide at 60 to 6 deg TCA; 15-20% leuc flecs***		
BG10-101	**281.30**	**282.30**	**B45969**	1.00	0.069	***Weak Py+Carb Zone; 5-8% py in matrix-frac's; 15-20% leuc flecs; perv carb+minor ser***		
BG10-101	**282.30**	**283.00**	**B45971**	0.70	0.069	***Weak Py+Carb Zone; 7-10% py in matrix-frac's and vn py approx 30 to 40% in <1cm carb vn's at 20 t 25 deg TCA; 15-20% leuc flecs; perv carb+minor ser***		
BG10-101	**283.00**	**283.80**	**B45972**	0.80	0.069	***Weak Py+Carb Zone; 7-10% py in matrix-frac's and at 283.65m a carb+chl vn at 15 to 20 deg TCA with 60% py, <1cm wide cut off by Flt at 283.7m; 15-20% leuc flecs; perv carb+minor ser - end of Zone***		
BG10-101	283.80	285.20	B45973	1.40	<.03	1-3% py; random & rare 1-2mm frac's with py		
BG10-101	288.90	289.40	B45974	0.50	<.03	wk brittle frac'ing with negl py		
BG10-101	289.40	290.00	B45975	0.60	0.549	20% opaque cream white ank+qtz+carb vn'ing; beige coloured matrix; perv carb+ weak ser;1-2% mg py in fra with chl		
BG10-101	290	290.5	B45976	0.50	2.06	3-5% py in frac's; 290.4 3 cm section of frac'ing at 35 deg TCA with py; 15% late ank+qtz+carb vn'ing	2.400	1.714
BG10-101	290.50	291.00	B45977	0.50	0.480	1% py; weak frac'ing with chl		
BG10-101	291.00	292.40	B54911	1.40	<.03	infill- magn veins		
BG10-101	292.40	293.40	B54912	1.00	<.03	infill- hily bl'd; 5% q-ank		
BG10-101	293.40	294.60	B54913	1.20	<.03	infill-		
BG10-101	294.6	295.2	B45978	0.60	2.09	294.6 to 295m carb+leuc flecs+late qtz+carb stress frac's +5-8% py	2.194	1.989
BG10-101	295.20	296.60	B54914	1.40	<.03	infill- carb ladders		
BG10-101	296.10	296.60	B45979	0.50	0.206	296.2 to 296.3m qtz+carb+chl vn'ing with associated py		
BG10-101	301.10	301.60	B45980	0.50	<.03	1% py in weak frac'ing with chl; Flt at 301.6m at 90 deg TCA		
BG10-101	301.60	302.30	B45981	0.70	<.03	1% py in frac's; matrix red colouration due to perv oxy'd hem?; < 5% hairline late stress frac's with white carb		
BG10-101	306.60	307.10	B45982	0.50	<.03	3cm grey carb vn at 65 deg TCA with minor py		
BG10-101	312.20	312.70	B45983	0.50	0.754	1-3% diss py with 1mm py in frac at 312.4m		
BG10-101	318.90	319.50	B45984	0.60	<.03	flt with hydrothermal carb bx; <1% py		
BG10-101	319.50	320.30	B45985	0.80	<.03	two carb vn's at 319.64 & 320.27m at 50 & 65 deg TCA and 1 to 1.5 cm wide with chl + minor py		

Hole_ID	From	To	Width	Fault_Type	Fault_Modifier	Fault_Intensity	Core Angle	Comments
BG10-01	30.40	30.50	0.10	Shear	carb + calcite	mod	55	
BG10-01	30.64	31.50	0.86	Flt	carb+calcite+chl	mod	10	up to 2.5 cm wide; bx
BG10-01	33.50	33.51	0.01	Flt	carb+chl	mod	45	
BG10-01	36.26	36.43	0.17	Flt	calatclasite+chl+carb+ py	strong	65	three distinct flt's 1mm wide with py
BG10-01	**36.43**	**40.40**	**3.97**	**Shear**	**chl+ sections of strong carb+oxy'd hem + py**	**strong**	**45**	**strong mud gouge Flt at 39.35 to 39.46m at 45 deg TCA; py zone preceding Flt from 37.9 to 39.1m; may be the same mud gouge Flt found in BG10-92 and -94**
BG10-01	41.30	41.35	0.05	Shear	carb + chl	weak	35	
BG10-01	46.50	46.52	0.02	Breccia	calcite vn breccia	weak	45	
BG10-01	54.85	55.00	0.15	Flt	mude gouge + chl +carb	strong	60	two separate flts at 65 and 45 deg TCA at contact with diorite-FP; 6cm wide carb+ank vn at contact
BG10-01	66.60	72.80	6.20	Blocky Ground				RQD=40% between 69 m to 72m core return is small rounded rubble fragments; drillers noted Flt at 71.9m rubble; Diorite Breccia - Diorite contact around 69m
BG10-01	82.60	83.50	0.90	Shear	ser+chl+carb vn'ing	strong	45	40 to 45 deg TCA
BG10-01	83.80	83.81	0.01	Breccia	carb vn with bx	weak	45	
BG10-01	107.00	115.00	8.00	Blocky Ground				
BG10-01	128.10	128.11	0.01	Flt	slip	weak	60	
BG10-01	150.15	150.20	0.05	Flt	qtz+chl+diorite+FP contact	strong	20	wedge of FP offset into diorite
BG10-02	34.90	35.00	0.10	Flt	carb+chl+bx	mod	80	two slips - one at 34.9 and another at 35m
BG10-02	40.77	40.80	0.03	Flt	carb+qtz+chl+py	mod	75	
BG10-02	47.00	63.70	16.70	Shear	ductile+chl+carb	strong	45	Shear angle is variable from 25 to 65 deg TCA; **Mud gouge Flt at 57.25m at 20 deg TCA, 3cm wide;** Flt at 62.4cm with carb+qtz+ank+chl
BG10-02	66.60	66.90	0.30	Shear	chl+ser	strong	30	
BG10-02	86.80	88.70	1.90	blocky ground				
BG10-02	94.40	94.60	0.20	Shear	ser+chl	strong	70	
BG10-02	152.37	152.97	0.60	Open Seam				Fault or opening
BG10-02	152.97	153.34	0.37	blocky ground				
BG10-02	153.90	154.00	0.10	blocky ground				rubble
BG10-02	166.20	168.90	2.70	blocky ground				RQD=65%
BG10-02	184.60	186.90	2.30	Shear	carb+sil+chl+leuc flecs	mod	40	Shear controls carb+py zone; shear at 15 to 65 deg TCA; 184.89 flt at 30 deg TCA with carb + ser+chl

Hole_ID	From	To	Width	Fault_Type	Fault_Modifier	Fault_Intensity	Core Angle	Comments
BG10-02	187.40	189.90	2.50	blocky ground				
BG10-02	241.15	244.95	3.80	Shear	ank+ser+chl+leuc flecs	strong	15	strong flts at 243.7 and 244.1m at 15 deg TCA
BG10-02	244.95	245.00	0.05	Flt	mude gouge + broken core	strong		
BG10-03	16.80	16.80	0.00	slip	qtz+chl+py	weak	40	
BG10-03	22.90	23.40	0.50	flt	slip-chl+qtz+ank	weak	5	
BG10-03	30.00	30.00	0.00	flt	qtz+chl		30	
BG10-03	54.63	54.63	0.00	flt	qtz+chl	mod	45	
BG10-03	62.66	62.90	0.24	shear	ser+qtz+py	strong	40	
BG10-03	65.73	65.73	0.00	flt	mo+cpy+qtz+bx	strong	65	
	67.45	67.45	0.00	slip	qtz+ank+chl	mod	70	
BG10-03	66.34	66.50	0.16	flt	qtz+mo+py+cpy+chl	mod	45	several 35-50 deg TCA narrow flt slips
BG10-03	69.60	69.74	0.14	flt	hairline flt slips	weak	60	50 to 60 deg TCA
BG10-03	70.00	70.00	0.00	slip	chl+qtz+ank			
BG10-03	70.82	70.83	0.01	slip	chl+qtz	mod	30	two parallel
BG10-03	75.85	76.06	0.21	flt	qtz+ank+chl+py	strong	35	
BG10-03	77.90	77.93	0.03	Flt	Bx+qtz+py	strong	25	contact with Felsic Dyke
BG10-03	78.22	78.26	0.04	Flt	qtz+ank+chl	strong	70	contact with Felsic Dyke
BG10-03	90.10	90.16	0.06	Slip	qtz+ank+chl+py	strong	60	
BG10-03	90.66	90.66	0.00	Slip	qtz+chl	mod	40	
BG10-03	93.20	93.21	0.01	slip			40	
BG10-03	96.40	96.40	0.00	slip	qtz+chl		30	
BG10-03	97.07	97.07	0.00	Flt	qtz+ank+chl	strong	60	
BG10-03	97.15	97.26	0.11	slip	qtz+chl+py	strong	20	
BG10-03	106.45	106.45	0.00	slip	chl	mod	45	
BG10-03	117.20	117.90	0.70	slip	chl			multiple slips at various angles with accompanied qtz+chl+minor py
BG10-03	191.10	191.11	0.01	flt	qtz+alb+chl	strong	60	1 cm wide
BG10-03	122.24	122.34	0.10	slips	qtz+alb+chl	mod	55	
BG10-03	123.90	123.91	0.01	slip			55	
BG10-03	127.40	127.50	0.10	Flt	Bx+qtz+py	strong	75	
BG10-03	132.26	132.26	0.00	Flt	qtz+py		55	
BG10-03	140.20	140.21	0.01	Flt	qtz+chl	strong	60	1 cm wide
BG10-03	161.30	161.50	0.20	Shear	qtz+chl+tr py	strong	30	localized
BG10-03	196.70	198.50	1.80	slips	qtz+carb+chl	strong		slips at 75 deg TCA and 10 deg TCA
BG10-03	206.10	206.11	0.01	slip	qtz+carb+alb+chl		70	
BG10-03	208.90	208.92	0.02	flt	carb+qtz+cc+chl+bx	strong	45	
BG10-03	220.50	220.52	0.02	flt	qtz+carb+alb+chl+py		60	
BG10-03	225.90	225.90	0.00	slip			50	at contact
BG10-03	230.00	230.01	0.01	slip	qtz+carb		45	at contact

Hole_ID	From	To	Width	Fault_Type	Fault_Modifier	Fault_Intensity	Core Angle	Comments
BG10-03	235.71	235.76	0.05	slip	qtz+carb		85	
BG10-03	246.34	246.35	0.01	slip	qtz+carb		85	
BG10-03	261.00	261.00	0.00	slip	chl+qtz	mod	50	
BG10-03	262.80	263.00	0.20	flt	chl+ser	strong	20	two flt-slips at 15 to 20 deg TCA
BG10-03	272.40	272.65	0.25	flt	carb+qtz+chl+ser	mod	30	two faults at 272.4 and 272.65 at 20 and 35 deg TCA
BG10-03	281.80	281.81	0.01	Flt	qtz+ank+hem+py	mod	10	
BG10-03	284.24	284.24	0.00	Flt	qtz+py	mod	50	
BG10-03	297.60	297.70	0.10	Flt	ser+qtz+ank	strong	70	
BG10-03	300.60	300.92	0.32	Shear	qtz+Kspar+ank+chl+py	strong	40	
BG10-03	301.00	301.30	0.30	Tectonic Bx	qtz+ank+chl+py	strong	80	
BG10-03	312.75	312.75	0.00	Flt	ser+chl+qtz+ank	strong	20	mylonitic
BG10-03	339.00	346.40	7.40	shear	ser+sil+hem+kspar+chl	strong	40	21 Vein? - v.g. From 341.3 to 341.6 m
BG10-03	426.60	426.63	0.03	flt	chl	mod	62	
BG10-04	32.30	32.40	0.1	shear	chl-ser	mod	37	
BG10-04	20.50	20.53	0.03	flt	chl	mod	45	
BG10-04	54.13	54.18	0.05	flt	chl	mod	52	
BG10-04	56.64	56.68	0.04	slip	chl	mod	35	
BG10-04	57.55	57.58	0.03	flt	chl	str	43	
BG10-04	78.20	78.24	0.04	shear	chl-ank	wk	52	
BG10-04	132.83	132.87	0.04	shear	chl-ank	wk	72	
BG10-04	146.00	146.03	0.03	flt	chl-talc	mod	48	
BG10-04	146.28	146.33	0.05	flt	chl-talc	mod	48	1/8" gouge
BG10-04	167.60	167.64	0.04	flt	chl-talc	str	67	1/8" gouge
BG10-04	167.83	167.86	0.03	flt	chl-talc	str	67	
BG10-04	191.33	191.37	0.04	slip	chl-carb	mod	55	
BG10-04	192.60	192.63	0.03	slip	chl-carb	mod	55	
BG10-04	193.83	193.86	0.03	slip	chl	mod	52	
BG10-04	232.40	233.30	0.9	shear	chl-ser	str	39	
BG10-04	233.30	233.33	0.03	flt	chl	str	65	1/4" gouge
BG10-04	232.00	232.40	0.4	slip	chl	str	45	
BG10-04	237.13	237.16	0.03	flt	chl-carb	str	35	
BG10-04	273.90	273.93	0.03	flt	chl-ser	mod	60	
BG10-04	288.93	288.95	0.02	flt	chl-ank	str	55	
BG10-04	307.05	307.08	0.03	flt	chl	mod	54	
BG10-04	346.66	346.69	0.03	flt	gph/moly	mod	41	
BG10-04	359.35	359.43	0.08	slip	chl-carb	mod	28	
BG10-04	359.86	359.90	0.04	slip	chl-carb	mod	44	
BG10-04	370.73	370.77	0.04	slip	chl	str	72	
BG10-04	364.15	364.22	0.07	flt	chl	str	27	
BG10-04	368.85	368.88	0.03	flt	chl	str	38	

Hole_ID	From	To	Width	Fault_Type	Fault_Modifier	Fault_Intensity	Core Angle	Comments
BG10-04	374.80	375.10	0.3	shear	chl-ser-ank	str	31	
BG10-05	10.60	10.70	0.10	stepped fault	seric	wk	10	rotated 90deg to mpy strs
BG10-05	13.50	14.50	1.00	fault	chl-carb-qtz	mod	0 to 10	chl micro bx walls
BG10-05	41.00	41.30	0.30	slip	seric	mod	20	
BG10-05	65.50	69.50	4.00	broken & shattered		strong		RQD<10
BG10-05	69.50	70.20	0.70	fault	talc-chl-gf?	strong	35	bleached mod frac'd rock with two <1cm gritty black talcose-chl mud seams at 69.9 and 70.2
BG10-05	146.10	146.12	0.02	fault	talcose	strong	30	mud seam
BG10-05	229.44	229.44	0.00	slip	py thds	tight	50	wk py thds dev' either side /5cm, wk seric wall /5cm dev'd to downhole side
BG10-05	244.33	244.34	0.01	slip	carb	mod	40	bit vuggy
BG10-05	254.50	254.50	0.00	slip	-	tight	20	
BG10-05	254.64	254.64	0.00	slip	-	tight	115	minor chl on face
BG10-05	291.00	292.00	1.00	hydrothermal bx	seric	strong & bleached	150	
BG10-06	**35.40**	**38.00**	**2.60**	**Flt**	**gouge+chl+minor carb**	**strong**	**0**	
BG10-06	44.50	48.00	3.50	Shear	10-20 cm localized sections	mod	55	brittle to ductile
BG10-06	53.50	53.51	0.01	Flt	gouge			broken core
BG10-06	62.90	64.10	1.20	Shear	ser+chl+carb-ank	strong	40	20 to 55 deg TCA; ductile
BG10-06	69.10	69.54	0.44	Bx	healed with carb+qtz	strong	45	
BG10-06	72.77	72.78	0.01	Flt	cataclasite	strong	60	
BG10-06	85.20	85.90	0.70	Shear	ser+chl+carb	mod	55	
BG10-06	94.67	95.00	0.33	Shear	ser+carb+ank	weak	55	
BG10-06	132.00	132.02	0.02	Flt	epi+carb+calcite+py	weak	85	
BG10-06	147.35	147.38	0.03	Flt	epi+white qtz+magnetite	strng	45	
BG10-06	156.00	156.01	0.01	Seam				breakthrough as per drillers notes
BG10-06	161.80	170.50	8.70	broken core				RQD=45%
BG10-06	**175.20**	**176.40**	**1.20**	**Shear**	**carb+py**	**weak**	**30**	**MH Zone?**
BG10-06	181.44	181.60	0.16	Shear	carb+chl	weak	35	
BG10-06	*186.00*	*187.00*	*1.00*	*Shear*	*carb+ser+leuc+py*	*weak*	*35*	*MH Zone? non-penetrative frac's, hairline slips*
BG10-06	189.10	189.11	0.01	Fault	carb+chl	weak	10	
BG10-06	204.60	204.62	0.02	Fault	qtz+chl+py+epi+ser	mod	85	
BG10-07	42.50	42.55	0.05	flt	chl-carb	str	26	1/8" gouge
BG10-07	56.67	56.73	0.06	flt	chl	str	25	1/8" gouge
BG10-07	71.10	71.15	0.05	shear	chl-ser-ank	str	37	
BG10-07	93.10	93.15	0.05	flt	chl	str	62	1/4" gouge

Hole_ID	From	To	Width	Fault_Type	Fault_Modifier	Fault_Intensity	Core Angle	Comments
BG10-07	103.20	103.40	0.2	flt	chl	str	12	1/4" gouge
BG10-07	109.05	109.08	0.03	flt	chl	str	15	1/16" gouge
BG10-07	112.27	112.70	0.43	flt	chl	str	15	1/16" gouge
BG10-07	133.95	133.98	0.03	flt	chl	str	54	posy gouge
BG10-07	150.00	150.03	0.03	flt	chl	str	38	in BC
BG10-07	275.00	275.03	0.03	flt	chl	str	37	
BG10-07	368.60	369.90	1.3	shear	chl-ank	mod	15	
BG10-07	379.90	379.94	0.04	flt	chl	weak	32	
BG10-07	419.00	419.03	0.03	flt	chl	str	37	
BG10-07	436.20	436.25	0.05	shear	chl-ser	str	42	
BG10-07	410.00	410.03	0.03	slip	chl-carb	str	70	
BG10-07	445.85	446.00	0.15	shear	ser-chl	str	34	
BG10-08	32.78	32.84	0.06	Fault	carb+chl	weak	20	
BG10-08	43.00	43.05	0.05	Flt	carb+ank+chl		65	
BG10-08	45.16	45.20	0.04	Flt	carb+ank+py+chl		65	
BG10-08	46.58	46.70	0.12	Flt	carb+py		50	
BG10-08	49.40	49.50	0.10	Flt	mude gouge		35	
BG10-08	**52.00**	**68.70**	**16.70**	**Shear**	**ductile-brittle**			**angles variable predom 0 to 30 deg TCA, but can have angles up to 65 deg TCA; 62.2 Flt at 60 deg TCA with strng py over 1.5 cm; Flt slips at 63.5, 63.65, 65m; 58 to 59m RQD=75%; Flt Zone some gouge**
BG10-08	76.63	76.70	0.07	Flt	calcite+carb+sugary qtz	mod	55	
BG10-08	78.80	78.90	0.10	Flt	hem + bx	strng	15	healed with 65% hem
BG10-08	82.00	87.20	5.20	Broken Ground				small angular pieces ranging 2 cm to 5 cm long, frac'd along slips
BG10-08	89.80	89.81	0.01	Flt	chl+carb+qtz	mod	55	
BG10-08	99.30	105.70	6.40	Broken Ground				badly broken, in sections pieces no greater than 3 cm long
BG10-08	114.32	114.33	0.01	Flt	mud gouge	mod	50	another parallel flt at 114.75; 114.2 to 116.23m leuc flecs wk perv carb; 115.9 wk flt at 90 deg TCA; qtz+ank+chl vm from 116.18 to 116.23m
BG10-08	121.33	121.34	0.01	Flt	carb+qtz+chl	wk	65	
BG10-08	129.10	129.20	0.10	Flt	qtz+calcite+chl	mod	55	
BG10-08	*135.00*	*142.40*	*7.40*	*Fractured*	*brittle*	*wk*		*weak brittle frac'd zone, strnger in section with sil+carb+py*
BG10-08	**144.90**	**145.00**	**0.10**	**Flt**	**carb+qtz+chl+bx**	**strng**	**45**	**start of MH Zone, weakens after 146.2m ends at 147.6m**

Hole_ID	From	To	Width	Fault_Type	Fault_Modifier	Fault_Intensity	Core Angle	Comments
BG10-08	**145.00**	**147.60**	**2.60**	**Shear**	**sil+carb+py**	**strng**	**45**	**MH Zone**
BG10-08	161.00	161.90	0.90	hydrothermal bx	calcite+qtz	strong	20	probable flt area healed by calcite+qtz
BG10-08	162.00	162.30	0.30	Flt	chl+biege pale leuc	strong	65	
BG10-08	172.80	180.30	7.50	Broken Ground				badly broken along slips with epi + carb
BG10-08	191.70	194.40	2.70	Shear	brittle frac'd chl + leuc	weak		penetrative to non penetrative slips - frac's at 20 to 80 deg TCA
BG10-08	197.80	199.30	1.50	Shear	sil + epi + chl + py	weak	45	carb alt'n not present
BG10-08	199.30	199.40	0.10	Flt	magnetite + calcite+ py	strong	10	
BG10-08	202.00	202.40	0.40	Flt	magnetite + calcite+ py	strong	5	
BG10-08	216.40	216.60	0.20	Flt	qtz+calcite+epi+ magnetite	strong	15	
BG10-08	218.00	223.00	5.00	Broken Core				along slips
BG10-09	8.90	9.10	0.20	Shear	qtz+dol+calcite+py+ leuc flecs	moderate	25	localized shear
BG10-09	9.50	9.60	0.10	Flt	sil+carb	weak	50	
BG10-09	10.10	13.00	2.90	Fractured	5-12% leuc flecs+ qtz+ dol vn's	moderate		
BG10-09	**13.00**	**14.10**	**1.10**	**Shear**	**leuc flecs + py vn's**	**strong**	**20**	**MH Zone?**
BG10-09	28.10	28.13	0.03	Flt	qtz+chl	weak	70	
BG10-09	32.00	32.10	0.10	Shear	chl+ carb vn+ leuc flecs	moderate	25	localized
BG10-09	33.30	34.10	0.80	Shear	brittle - chl + sil	strong	70	network of late qtz+carb vnlets
BG10-09	34.70	34.71	0.01	Flt	qtz + dol + chl	weak	65	
BG10-09	48.77	48.78	0.01	Flt	gouge	weak	35	
BG10-09	55.60	55.70	0.10	Flt	carb vn with bx		20	
BG10-09	58.00	58.60	0.60	Shear	leuc+ chl+carb	strong	20	
BG10-09	63.64	64.10	0.46	Fractured	carb+sil	mod	45	
BG10-09	66.90	67.20	0.30	Flt	gouge	weak	10	shear slips after flt to 67.2 at 20 deg TCA
BG10-09	70.40	71.00	0.60	Flt	gouge	strong	15	at 70.8 to 71m along FP-Diorite contact
BG10-10	14.00	14.20	0.20	Flt	gouge + carb+ chl	strong	15	on contact with Diorite-FP
BG10-10	24.00	24.30	0.30	Flt	cataclasite+ dk grey qtz+ carb	strong	10	
BG10-10	24.30	31.10	6.80	Fractured	sil+ dk grey qtz+chl+leuc flecs	moderate		MH Zones; frac's predom at 40 to 50 deg TCA
BG10-10	35.40	36.60	1.20	Shear	ductile+ chl+leuc flecs	moderate	75	
BG10-10	38.00	38.03	0.03	Fault	qtz+calcite	weak	50	
BG10-10	55.15	55.30	0.15	Broken Ground	angular rubble	weak		
BG10-10	56.56	56.80	0.24	Strain	hem staining+ py	weak	45	

Hole_ID	From	To	Width	Fault_Type	Fault_Modifier	Fault_Intensity	Core Angle	Comments
BG10-10	58.90	59.20	0.30	Slip	mutliple slips	weak		localized
BG10-10	61.14	61.18	0.04	Flt	cataclasite+ chl+ carb	strong	75	
BG10-10	64.00	65.30	1.30	Shear	shear slips + leuc flecs + chl + py	weak	25	flt at 64 at 85 deg TCA
BG10-10	66.05	66.06	0.01	Flt	bx	weak	40	
BG10-10	70.40	70.50	0.10	Flt	chl + leuc flecs+ carb	strong	50	
BG10-11	13.00	25.50	12.50	Broken Ground				some sections up to 1m broken ground; RQD=80%; 25.05m Flt at 55 deg TCA
BG10-11	33.00	35.16	2.16	Broken Ground				RQD=75%
BG10-11	35.16	35.17	0.01	Flt	gouge	strong	75	
BG10-11	35.17	35.80	0.63	BC				
BG10-12	36.95	36.98	0.03	fault	chl-carb	mod	40	slicks
BG10-12	45.00	45.20	0.2	fault	chl	mod	12	
BG10-12	73.57	73.63	0.06	fault	chl	mod	18	
BG10-12	84.35	84.38	0.03	fault	chl	mod	77	
BG10-12	125.80	125.83	0.03	slips	chl	str	26	
BG10-12	158.00	158.07	0.07	fault	chl-carb	str	25	1/8" gouge in BC
BG10-12	131.80	132.00	0.2	slips	chl	str	18	
BG10-12	170.26	170.35	0.09	slip	chl	mod	20	slicks
BG10-12	173.70	174.00	0.3	slip	chl-ser	str	0 to 10	
BG10-12	206.58	206.62	0.04	fault	chl	str	34	imm prec by 0.3m shr
BG10-12	216.69	216.73	0.04	fault	chl	str	48	1/8" gouge
BG10-12	211.65	211.68	0.03	fault	chl	str	61	1/8" gouge
BG10-12	213.62	213.66	0.04	fault	chl	mod	42	
BG10-12	233.88	233.92	0.04	fault	chl	mod	43	shim; imm foll by 0.15m ser shr
BG10-12	239.50	239.53	0.03	slip	chl-ank	str	36	
BG10-12	249.20	249.26	0.06	slip	chl-ank	str	35	
BG10-12	257.97	258.00	0.03	fault	chl	str	37	slicks
BG10-12	266.10	266.20	0.1	slip	moly-spec	mod	27	
BG10-12	276.80	277.20	0.4	slip	ank	wk	10	
BG10-12	271.40	271.43	0.03	slip	moly-chl-sil	str	66	
BG10-12	298.60	298.80	0.2	myl	ser-chl-ank	str	22	
BG10-12	291.00	291.80	0.8	myl	ser-chl-ank	str	22	
BG10-12	300.80	301.60	0.8	slip	chl	mod	15	
BG10-12	308.20	308.80	0.6	fault	chl	str	17	
BG10-12	289.20	289.25	0.05	fault	chl	str	15	
BG10-13	9.05	9.06	0.01	Seam	flt?, or water seam		55	

Hole_ID	From	To	Width	Fault_Type	Fault_Modifier	Fault_Intensity	Core Angle	Comments
BG10-13	34.40	34.50	0.10	Flt	gouge + slips + carb+dol+chl+ser+ py	strong	55	
BG10-13	38.50	38.60	0.10	Shear		mod	70	
BG10-13	47.30	47.80	0.50	Fractured	qtz+dol healing	mod		
BG10-13	59.36	59.37	0.01	Flt	qtz healed	weak	55	59.46 to 59.48m flt-slip qtz healed + bx at 65 deg TCA
BG10-13	61.30	61.32	0.02	slip	qtz + chl		65	
BG10-13	64.00	68.00	4.00	Broken Ground				angular pieces along slips sometimes as small as 2 cm; RQD=70%
BG10-14	8.00	8.10	0.10	Flt	qtz+calcite+chl	mod	25	
BG10-14	9.53	9.54	0.01	Flt	qtz+calcite+chl	mod	85	
BG10-14	15.00	15.20	0.20	Flt	qtz+calcite+chl	mod	10	
BG10-14	25.90	25.91	0.01	Flt	bx+chl+sil	mod	45	
BG10-14	*38.75*	*40.20*	*1.45*	*Shear*	*ser+ sil+ fuchsite*	*strong*	*50*	*Flt gouge at 39.5m, broken grnd around flt & poor recovery*
BG10-14	**47.00**	**48.70**	**1.70**	**Fractured**	**chl + leuc flecs + sil+ oxy'd hem + py**	**strong**	**30**	**Flt at 48.6m at 25 to 30 deg TCA**
BG10-14	*49.50*	*49.60*	*0.10*	*Flt*	*carb+ sil+ calcite + py*	*strong*	*40*	
BG10-14	59.70	60.50	0.80	Fractured	leuc flecs+py+oxy'd hem+chl	weak		shear-frac-slip from 59.7 to 60m at 0 to 50 deg TCA; at 60.6m narrow slip with gouge
BG10-14	63.50	63.80	0.30	Fractured	py+sil+oxyd hem	weak	40	
BG10-14	64.50	65.50	1.00	Fractured	py+sil+carb+oxy'd hem+chl	moderate		frac's and slips at 20 40 deg TCA
BG10-14	77.80	77.90	0.10	Flt	qtz+magnetite+chl	strong	75	
BG10-15	10.00	10.23	0.23	Shear	sil+dk sil+leuc	strong	50	Localized shear - flt
BG10-15	**18.50**	**28.50**	**10.00**	**Fractured**	**leuc flecs + epi +sil+ carb + py + mo**	**moderate**		**variable angles predominantly 40 to 55 deg TCA; Flt healed with calcite +qtz + bx from 25.3 to 25.47m with dk qtz on margins at 45 deg TCA; possible flt-vn at 28.1 to 28.2m at 40 deg TCA**
BG10-15	**39.20**	**42.20**	**3.00**	**Shear**	**py + leuc+ hem**	**strong**	**50**	**shear + frac zone at contact between diorite and FP; brittle frac's**
BG10-15	54.30	54.90	0.60	Fractured	brittle + qtz+ dol	mod	75	
BG10-15	55.45	55.90	0.45	Flt	chl+qtz	wk	0	
BG10-15	66.00	67.50	1.50	Broken Ground				
BG10-16	11.80	13.40	1.60	Shear	leuc flecs + sil + chl + py	mod	50	perv carb alt'n in section but also in entire unit
BG10-16	14.50	16.90	2.40	Shear	leuc flecs + sil + chl + py	mod	40	

Hole_ID	From	To	Width	Fault_Type	Fault_Modifier	Fault_Intensity	Core Angle	Comments
BG10-16	23.40	26.40	3.00	Shear	leuc flecs + dk grey sil vnlets + chl + py	strong	30	26.2 to 26.4m flt healed with qtz+calcite+chl + bx
BG10-16	28.35	29.50	1.15	Shear	leuc flecs + sil + chl + py	mod	35	probable flt at 29.1m at 35 deg TCA
BG10-16	33.40	38.00	4.60	Broken Ground				RQD=65%
BG10-16	43.70	44.20	0.50	Flt	carb+chl+bx	strong	5	
BG10-16	**45.20**	**48.30**	**3.10**	**Shear**	**sil+chl+leuc flecs+py+blue qtz**	**strong**	**60**	**MH Zone, strong py + blue qtz + mo**
BG10-16	62.77	62.78	0.01	Flt	qtz+carb+chl+py	weak	75	
BG10-16	79.40	79.80	0.40	Shear	sil+minor ser	weak	50	
BG10-17	4.00	4.03	0.03	slip	chl-carb	mod	37	
BG10-17	55.40	55.43	0.03	flt	chl	str	50	
BG10-17	90.85	90.88	0.03	slip	chl-carb	mod	58	
BG10-17	128.80	128.83	0.03	flt	chl	str	63	
BG10-17	166.85	166.88	0.03	flt	chl	str	59	
BG10-17	264.00	264.03	0.03	slip	chl-carb	str	45	
BG10-17	294.25	294.28	0.03	slip	chl-ank	str	40	
BG10-17	304.65	304.68	0.03	flt	chl-ank	str	70	
BG10-17	334.60	334.63	0.03	slip	chl	str	61	
BG10-17	335.15	335.18	0.03	flt	chl	mod	75	
BG10-17	336.30	336.33	0.03	flt	chl	mod	32	
BG10-17	332.48	332.53	0.05	flt	chl	str	36	1/8" gouge
BG10-17	338.85	338.88	0.03	flt	chl	mod	63	
BG10-17	341.80	341.85	0.05	myl	chl	str	30	
BG10-18	18.65	18.68	0.03	flt	chl	str	45	
BG10-18B	5.00	5.05	0.05	flt	chl-talc	str	25	1/4" gouge
BG10-18C	63.85	63.88	0.03	flt	chl	mod	39	
BG10-18C	50.25	50.28	0.03	flt	chl	str	51	
BG10-18C	101.40	101.44	0.04	flt	chl-talc	str	35	
BG10-18C	155.00	157.00	2	slips	chl	mod	69	
BG10-18C	147.10	147.14	0.04	slip	chl	mod	55	
BG10-18C	187.75	187.80	0.05	flt	chl	str	28	
BG10-18C	194.70	194.73	0.03	slip	chl-ank	mod	56	
BG10-18C	206.00	207.00	1	shr	ser-chl	wk	45	
BG10-18C	266.95	266.98	0.03	slip	chl	str	34	
BG10-18C	292.20	292.25	0.05	flt	chl-talc	str	47	
BG10-18C	210.10	210.14	0.04	flt	chl-talc	str	47	
BG10-18C	320.20	320.23	0.03	flt	chl	str	38	
BG10-18C	351.30	351.34	0.04	slip	chl	mod	48	
BG10-18C	339.20	339.24	0.04	flt	chl-carb	mod	42	
BG10-19	61.70	61.74	0.04	slip	chl	mod	26	

Hole_ID	From	To	Width	Fault_Type	Fault_Modifier	Fault_Intensity	Core Angle	Comments
BG10-19	67.90	69.00	1.1	shr	chl-ser-ank	str	37	
BG10-19	69.00	70.00	1	brk	chl	str	32	
BG10-19	83.95	84.00	0.05	flt	chl	str	19	
BG10-19	100.65	100.70	0.05	flt	chl	str	42	1/4" gouge
BG10-19	321.00	321.10	0.1	flt	chl	mod	38	
BG10-20	48.10	48.13	0.03	flt	chl	str	49	
BG10-20	56.65	56.68	0.03	flt	chl	str	47	
BG10-20	110.95	110.98	0.03	slip	chl-carb	mod	28	
BG10-20	133.65	133.68	0.03	flt	chl-talc	str	59	
BG10-20	152.35	152.40	0.05	flt	chl-talc	str	66	3/4" gouge
BG10-20	153.72	153.80	0.08	shear	chl-ank	str	39	
BG10-20	175.50	175.53	0.03	flt	ser-chl	mod	67	
BG10-20	195.55	195.58	0.03	flt	chl	mod	73	
BG10-20	246.00	246.04	0.04	slip	chl	mod	36	
BG10-20	290.10	290.14	0.04	flt	chl	mod	48	
BG10-20	291.90	291.94	0.04	flt	chl	mod	37	
BG10-20	294.30	294.40	0.1	myl	chl-ser-ank	str	37	
BG10-21	12.45	12.47	0.02	slip	chl	mod	55	
BG10-21	12.90	12.93	0.03	fault	chl	strong	60	almost gouge
BG10-21	25.85	25.88	0.03	fault	chl	strong	45	
BG10-21	50.90	50.92	0.02	fault	chl	strong	60	1/8" chl flt gouge
BG10-21	71.11	71.44	0.33	shear	py+chl+qtz+carb+epi	strong	60	
BG10-21	79.50	79.60	0.10	fault	chl+qtz+ank+gouge	strong	90	another weaker fault at 45 deg TCA
BG10-21	80.00	80.02	0.02	shear	ank+qtz+py	strong	70	
BG10-21	80.20	80.30	0.10	fault	sil+py+chl	strong	90	45 and 90 deg TCA
BG10-21	81.05	81.05	0.00	fault	qtz+ank+chl+gouge	strong	75	<1 cm wide
BG10-21	82.66	82.67	0.01	slip	qtz+py+epi	strong	75	multiple slips
BG10-21	83.60	84.00	0.40	slip	chl+qtz	mod	70	spaced 10 cm apart; associated py
BG10-21	94.14	94.14	0.00	slip	chl	mod	85	
BG10-21	113.37	113.37	0.00	fault	carb+chl	strong	45	3 cm wide
BG10-21	121.50	122.50	1.00	fault	qtz+ank+chl	strong	0	
BG10-21	138.75	138.76	0.01	fault	carb+chl slips	weak	85	
BG10-21	140.75	140.76	0.01	fault	carb+chl slips	weak	90	
BG10-21	149.30	149.40	0.10	fault	bx+dk grey qtz+calcite+epi	strong	10	
BG10-21	152.70	159.00	6.30	blocky	RQD approx.85%			possible caused by proximity to lt flt
BG10-22	13.40	13.42	0.02	fault	chl-carb	mod	55	
BG10-22	13.80	13.84	0.04	fault	chl-carb	mod	55	
BG10-22	76.85	76.88	0.03	fault	chl	strong	73	
BG10-22	77.75	77.78	0.03	fault	chl	strong	63	
BG10-22	104.24	104.25	0.01	shear	qtz+carb		70	

Hole_ID	From	To	Width	Fault_Type	Fault_Modifier	Fault_Intensity	Core Angle	Comments
BG10-22	131.60	131.72	0.12	shear	carb+qtz	weak	85	
BG10-22	137.80	147.20	9.40	shear	brittle+ductile	strong	25	FLT at 141 to 141.3 m at 20 deg TCA
BG10-22	151.30	151.31	0.01	fault	carb+chl	weak	25	
BG10-22	167.00	167.01	0.01	slip	qtz+epi	weak	45	
BG10-23	8.00	16.00	8.00	Broken Ground		weak		RQD=90%
BG10-23	18.90	19.10	0.20	Flt	bx		70	flt at 18.9m healed with qtz+carb+chl
BG10-23	**28.10**	**34.40**	**6.30**	**Shear**	**leuc flecs+sil+py+chl+ carb**	**moderate**		**28.1 to 31.5m weak shear+frac's; at 29 to 29.2 m flt healed with chl+carb; at 31.5m Flt-shear at 20 to 45 deg TCA; 31.5 to 34.4m shear+ frac's with strong sil + py+chl from 31.5 to 33m**
BG10-23	46.20	46.21	0.01	Slip	qtz + chl		45	
BG10-24	8.88	8.91	0.03	slip	chl-carb	str	84	
BG10-24	10.50	10.54	0.04	slip	chl-carb	mod	24	
BG10-24	22.70	22.74	0.04	slip	chl-carb	str	33	
BG10-24	53.52	53.56	0.04	slip	chl	str	40	
BG10-24	63.36	63.40	0.04	slip	chl	str	46	
BG10-24	69.40	69.43	0.03	slip	chl-carb	str	85	
BG10-24	77.77	77.80	0.03	fault	chl	str	45	washed out
BG10-24	174.50	174.52	0.02	slip	chl	mod	46	
BG10-24	208.00	208.40	0.40	fault	chl-carb	str	44	1/8" gouge
BG10-25	23.35	23.37	0.02	fault	chl	mod	35	
BG10-25	23.70	23.74	0.04	fault	chl	mod	35	
BG10-25	47.97	48.00	0.03	fault	chl	mod	42	
BG10-25	49.15	49.23	0.08	shear	chl-ser	wk	30	
BG10-25	53.23	53.25	0.02	slip	chl	mod	75	
BG10-25	58.75	58.78	0.03	fault	chl	str	35	tight gouge
BG10-25	67.05	67.08	0.03	fault	moly	mod	42	
BG10-25	86.75	86.78	0.03	fault	chl	mod	50	
BG10-26	32.58	32.60	0.02	shear	chl	strong	80	
BG10-26	16.32	16.38	0.06	fault	chl	mod	30	
BG10-26	31.83	31.87	0.04	fault	chl	mod	36	
BG10-27	38.23	38.28	0.05	fault	chl	strong	67	at least 2* 1/8" clay gouge
BG10-27	38.28	38.90	0.62	shear	ser-chl	strong	67	
BG10-27	23.16	23.20	0.04	fault	chl	strong	37	posy 1/16" gouge
BG10-28	13.60	13.60	0.00	slip	chl+epi	weak	60	
BG10-28	21.40	21.60	0.20	fault	carb+qtz+py	strng	20	
BG10-28	25.45	25.45	0.00	fault	carb+chl	strong	30	
BG10-28	28.20	28.21	0.01	slips	carb+magnetite	mod	15	
BG10-28	30.40	30.40	0.00	fault	carb+chl	strong	25	
BG10-28	35.10	35.11	0.01	fault	minor gouge+carb	mod	60	

Hole_ID	From	To	Width	Fault_Type	Fault_Modifier	Fault_Intensity	Core Angle	Comments
BG10-28	36.02	36.25	0.23	fault	qtz+carb+chl	weak	10	
BG10-28	36.30	36.30	0.00	fault	carb+chl	weak	50	
BG10-28	43.60	43.61	0.01	slip	chl	weak	35	
BG10-28	44.60	46.60	2.00	fault	carb+chl	strong	5	
BG10-28	51.50	51.60	0.10	shear	ductile carb+chl+py	strong	20	
BG10-28	56.70	58.10	1.40	RQD	70%			blocky grnd
BG10-28	64.10	64.11	0.01	slip	chl+carb		65	
BG10-28	74.62	74.63	0.01	fault				
BG10-28	78.07	78.07	0.00	fault	qtz+albite		15	
BG10-28	88.10	88.11	0.01	slips	chl+albite		55	
BG10-28	98.70	98.70	0.00	slip	chl+qtz+alb		20	
BG10-28	103.30	103.54	0.24	slip	multi-slips with chl		45	
BG10-28	107.50	107.50	0.00	slip	late multi-slips with chl	weak	55	and 25
BG10-28	115.44	115.60	0.16	slips	chl+ser+qtz+carb		65	
BG10-28	116.70	116.90	0.20	fault	1 cm wide qtz+py+ser	strong	5	
BG10-28	120.00	120.01	0.01	fault	chl+calcite	strong	20	
BG10-28	120.30	120.31	0.01	fault	chl+carb		40	
BG10-28	120.75	120.90	0.15	fault	chl+carb+hem+calcite	strong	10	
BG10-28	136.70	136.90	0.20	slip	chl	weak	10	
BG10-28	139.10	139.30	0.20	slip	shl+carb	weak	15	
BG10-28	158.60	158.80	0.20	shear	ductile carb+chl+py	weak	50	
BG10-29	2.80	2.85	0.05	slip	hem	mod	35	
BG10-29	9.25	9.28	0.03	slip	chl	str	50	
BG10-29	34.00	34.40	0.4	slip	chl-hem	str	40	
BG10-29	47.95	47.98	0.03	flt	chl	str	55	
BG10-29	134.45	134.60	0.15	shear	chl-ser	str	13	
BG10-30	6.80	7.00	0.20	Shear	chl + shear slips with py	strong	50	
BG10-30	7.50	8.00	0.50	Shear	py+ chl	strong	55	
BG10-30	8.70	10.20	1.50	Shear	bx+ slips with py + flt	strong	20	Flt+bx at 9.9 to 10.1m
BG10-30	30.50	31.00	0.50	Shear	carb + chl in slips	weak	40	
BG10-30	38.36	38.43	0.07	Flt	carb+qtz+chl+py bands	strong	60	
BG10-30	40.70	41.40	0.70	Slip	slips with chl	weak	40	
BG10-30	42.60	42.80	0.20	Slip	carb+ chl	weak	20	two subparallel slips
BG10-30	49.90	50.00	0.10	Slip	calcite + qtz+chl	weak	5	
BG10-31	11.77	11.80	0.03	Flt	qtz+chl healed	weak	40	
BG10-31	29.70	31.40	1.70	Shear	ductile chl+ carb+ py	strong		**flt bx at 29.7 at 70 deg TCA; shear at 25 to 45 deg TCA + py**
BG10-31	31.40	32.40	1.00	Fractured	qtz + py	strong		frac's at 25 to 35 deg TCA
BG10-31	69.24	69.28	0.04	Flt	carb+chl	weak	70	

Hole_ID	From	To	Width	Fault_Type	Fault_Modifier	Fault_Intensity	Core Angle	Comments
BG10-31	76.70	80.00	3.30	blocky ground				RQD=70%
BG10-32	22.60	22.63	0.03	slip	chl-lim	str	40	
BG10-32	72.15	72.25	0.1	slip	chl	mod	25	
BG10-32	111.20	111.25	0.05	slip	chl-hem	mod	52	
BG10-32	122.60	122.64	0.04	slip	chl	mod	59	
BG10-33	5.70	5.71	0.01	Flt	qtz+carb healed	weak	65	
BG10-33	14.00	17.08	3.08	Fractured	Leuc Flecs + Perv Chl + qtz+carb vn'ing	moderate		possible weak shear zone
BG10-33	21.50	24.80	3.30	Shear	Leuc Flecs + Perv Chl + qtz+carb vn'ing + mo	strong	50	probable fault at 24.8 broken core but minor gouge with qtz+carb vn'ing
BG10-33	34.40	34.60	0.20	Shear	carb+sil+chl+py	strong	65	
BG10-33	37.20	38.20	1.00	Shear	carb + luec flecs+ py	strong	40	shear 25 to 65 deg TCA
BG10-33	64.10	64.11	0.01	Flt	qtz	weak	60	
BG10-33	66.40	68.10	1.70	Fractured	chl+ leuc flecs	weak		frac's at 25 to 55 deg TCA
BG10-36	16.40	16.43	0.03	slip	chl	str	27	
BG10-36	37.10	37.30	0.2	shr	ank-chl	mod	30	
BG10-36	28.50	28.54	0.04	slip	chl	str	27	
BG10-36	28.90	28.95	0.05	flt	chl	str	15	1/8" gouge
BG10-36	50.30	50.50	0.2	BRK	chl	str	15	chl ann bx/myl
BG10-36	51.10	51.25	0.15	slip	chl-ank	mod	15	
BG10-36	52.90	53.00	0.1	flt	chl-ank	mod	20	
BG10-36	59.45	59.48	0.03	flt	chl	str	44	
BG10-36	36.50	36.53	0.03	flt	chl	mod	30	
BG10-36	36.65	36.68	0.03	flt	chl	mod	30	
BG10-36	84.35	84.38	0.03	slip	chl	mod	57	
BG10-36	85.20	85.24	0.04	slip	chl	mod	57	
BG10-36	78.45	78.49	0.04	flt	chl-carb	mod	38	
BG10-36	110.70	110.73	0.03	flt	chl	mod	74	
BG10-36	179.97	180.00	0.03	shear	ser	wk	44	
BG10-36	189.26	191.70	2.44	slips	chl	mod	50	~12 slips
BG10-36	195.85	195.90	0.05	flt	chl	str	68	1/8" gouge
BG10-36	206.65	207.70	1.05	slips	chl	mod	50	
BG10-36	210.90	210.95	0.05	slip	chl	mod	38	
BG10-36	217.50	218.00	0.5	shear	ser-chl	mod	62	
BG10-36	237.75	237.78	0.03	slip	chl	str	36	
BG10-36	281.65	281.68	0.03	flt	chl	str	43	
BG10-36	313.50	313.55	0.05	slip	chl-ank	mod	69	
BG10-36	330.60	334.50	3.9	shear	chl	str	29	
BG10-36	353.30	353.35	0.05	flt	chl	mod	43	
BG10-36	358.90	358.95	0.05	flt	chl	mod	22	

Hole_ID	From	To	Width	Fault_Type	Fault_Modifier	Fault_Intensity	Core Angle	Comments
BG10-36	399.73	399.76	0.03	flt	chl	str	37	
BG10-36	406.77	406.82	0.05	flt	ser-chl	str	35	
BG10-36	422.10	422.13	0.03	flt	chl	mod	53	
BG10-36	441.03	441.10	0.07	shear	chl-ank	wk	80	
BG10-36	453.10	453.14	0.04	slips	chl-carb	mod	52	
BG10-37	7.70	14.00	6.30	blocky ground				RQD=50%
BG10-37	18.44	22.00	3.56	Fractured	py vn's + qtz+dol	moderate		frac's from 55 to 85 deg TCA; Flt gouge Shear Zone from 20.3 to 20.65m at 75 deg TCA
BG10-37	23.90	23.95	0.05	Flt	flt+shear+qtz+dol	moderate	90	
BG10-37	36.80	37.30	0.50	Flt	qtz+ser+chl	strong	0	Flt sinuous at 0 to 5 deg TCA
BG10-37	53.85	53.95	0.10	Flt	qtz+calcite+spec hem	weak	20	
BG10-37	61.05	61.10	0.05	Slip	ser+chl+qtz+ank	weak	50	
BG10-37	61.50	61.65	0.15	Flt	healed by qtz+carb+chl+ser	weak	55	
BG10-38	12.85	12.95	0.1	flt	chl-spec-carb	mod	24	
BG10-38	17.00	17.05	0.05	flt	chl	mod	30	
BG10-38	23.42	23.45	0.03	flt	chl	mod	37	
BG10-38	30.80	30.83	0.03	flt	chl	mod	45	
BG10-38	36.90	36.94	0.04	flt	chl	str	34	tight gouge
BG10-38	56.73	56.80	0.07	slip	chl-carb	str	26	
BG10-38	41.10	41.13	0.03	slip	chl-carb	mod	20	
BG10-38	68.92	68.95	0.03	slip	chl-carb	mod	52	
BG10-38	72.50	72.54	0.04	flt	chl	mod	35	
BG10-38	110.40	110.45	0.05	slip	chl	str	22	
BG10-38	122.30	122.33	0.03	flt	chl	str	62	
BG10-38	130.75	130.78	0.03	flt	chl-ser	str	35	
BG10-38	154.10	154.15	0.05	flt	chl-ank	str	23	
BG10-38	164.70	164.73	0.03	flt	chl	str	45	
BG10-38	179.30	179.34	0.04	flt	chl	str	29	washed out
BG10-38	184.50	184.55	0.05	flt	chl	str	53	3/4" gouge
BG10-38	183.30	184.00	0.7	shr	chl-ser	str	46	
BG10-38	214.45	214.80	0.35	shr	chl-ank	str	50	
BG10-38	225.95	225.98	0.03	slip	chl-ank	mod	65	
BG10-38	297.05	297.08	0.03	flt	chl	str	63	
BG10-38	297.15	297.18	0.03	flt	chl	str	63	1/8" gouge
BG10-38	298.85	298.90	0.05	flt	chl	str	63	1/16" gouge; 2 flt's 1" apart
BG10-38	301.50	301.53	0.03	flt	chl-ank	str	39	
BG10-38	320.03	320.10	0.07	flt	chl-ank	str	22	1/8" gouge
BG10-38	328.68	328.73	0.05	flt	chl-ank	str	36	

Hole_ID	From	To	Width	Fault_Type	Fault_Modifier	Fault_Intensity	Core Angle	Comments
BG10-38	342.28	342.33	0.05	flt	chl	str	27	1/16" gouge
BG10-38	343.38	343.44	0.06	flt	chl	str	22	1/16" gouge
BG10-38	409.10	409.13	0.03	flt	chl	str	52	1/4" gouge
BG10-38	416.60	416.64	0.04	flt	chl	mod	43	
BG10-39	9.40	9.41	0.01	Flt	healed dk grey qtz	weak	20	
BG10-39	13.70	13.71	0.01	Slip				
BG10-39	16.70	16.71	0.01	Slip				
BG10-39	31.50	33.22	1.72	Shear	briitle to ductile	strong	50	MH Zone
BG10-39	45.10	45.11	0.01	Flt	qtz+carb+chl	moderate	80	
BG10-39	46.37	46.38	0.01	Slip	chl+ carb		20	
BG10-39	57.60	57.61	0.01	Flt	chl + carb	strong	55	
BG10-40	15.80	16.50	0.70	Slip	qtz+dol	weak	0	
BG10-40	18.30	19.00	0.70	Slip	qtz+dol	weak	0	
BG10-40	22.80	23.50	0.70	Slip	qtz+dol	weak	0	
BG10-40	23.70	29.70	6.00	Shear	ch+carb+leuc flecs+py	strong		Shear 10 to 30 deg TCA
BG10-40	32.70	32.90	0.20	Flt	bx+ carb+chl+qtz	strong	45	
BG10-40	43.00	43.05	0.05	Slip	leuc flec bands		60	
BG10-40	59.16	59.34	0.18	Flt	qtz+carb+epi+chl		60	
BG10-40	61.60	61.61	0.01	Flt	qtz+epi+cpy	strong	90	
BG10-40	83.00	92.30	9.30	blocky ground				RQD=75%
BG10-41	6.65	7.80	1.15	Shear	carb+ chl+ luec flecs	moderate	50	
BG10-41	10.50	14.00	3.50	Shear	chl+weak sil+ leuc flecs	weak	70	
BG10-41	16.00	16.03	0.03	Flt	chl+oxy'd hem +py	strong	45	
BG10-41	20.20	20.80	0.60	Slip	chl+ qtz	weak	0	
BG10-41	23.40	23.41	0.01	Slip	qtz+calcite	weak	40	
BG10-41	28.34	28.35	0.01	Flt	qtz+calcite	weak	45	
BG10-41	29.18	29.19	0.01	Flt	qtz+carb+chl	mod	60	
BG10-41	29.19	41.30	12.11	Shear	localized sections	mod		shear slips - frac's at 25 to 40 deg TCA; flt's at 30.6m at 30 deg TCA, at 32.7m at 25 deg TCA, at 38.5m at 30 deg TCA, at 39.7m at 30 deg TCA with qtz+dol bx
BG10-41	48.55	48.75	0.20	Flt	qtz+dol	strong	0	
BG10-42	38.35	38.39	0.04	flt	hem	mod	53	
BG10-42	154.80	154.83	0.03	flt	chl-py	mod	24	
BG10-42	163.55	163.58	0.03	slip	chl	mod	64	
BG10-42	166.40	166.45	0.05	flt	chl	str	47	1/8"gouge
BG10-42	176.50	176.53	0.03	slip	chl	mod	43	
BG10-42	178.70	178.73	0.03	slip	chl	mod	70	
BG10-42	207.60	208.15	0.55	flt	chl	str	15	1/8" gouge

Hole_ID	From	To	Width	Fault_Type	Fault_Modifier	Fault_Intensity	Core Angle	Comments
BG10-42	211.20	211.40	0.2	flt	chl	str	30	
BG10-42	212.20	212.25	0.05	flt	chl	str	39	
BG10-42	207.03	207.07	0.04	slip	chl	mod	35	
BG10-43	35.85	35.88	0.03	flt	chl	str	35	grit gouge
BG10-43	48.10	48.15	0.05	slip	chl	mod	33	
BG10-43	52.00	52.35	0.35	shr	chl-ank-ser	str	56	
BG10-43	52.35	52.45	0.1	flt	chl	str	56	mud gouge
BG10-43	51.20	51.23	0.03	flt	chl	str	26	
BG10-43	82.80	82.84	0.04	flt	chl	str	35	1/4" grit gouge
BG10-43	235.15	235.18	0.03	slip	chl	mod	57	
BG10-43	237.20	237.24	0.04	slip	chl	mod	48	
BG10-43	320.80	320.85	0.05	flt	chl	mod	26	
BG10-43	403.40	403.70	0.3	shr	chl	str	53	
BG10-43	402.20	402.30	0.1	flt	chl	str	32	1/8" gouge
BG10-43	406.40	406.45	0.05	flt	chl	str	32	1/8" gouge
BG10-43	412.30	412.60	0.3	flt	chl	str	35	0.1m+1/2" gouge; MAIN BRK
BG10-43	411.20	411.24	0.04	flt	chl	str	46	1/4" gouge
BG10-44	4.60	4.63	0.03	slip	ox'd	mod	67	
BG10-44	73.67	73.70	0.03	flt	chl	str	55	
BG10-44	75.00	75.10	0.1	myl	chl-ser	str	66	
BG10-44	82.65	82.68	0.03	flt	chl	str	52	
BG10-44	291.30	291.33	0.03	flt	chl	mod	60	
BG10-44	289.80	289.90	0.1	flt	chl	mod	25	in BC
BG10-44	337.70	338.00	0.3	flt	chl	str	15	in BC-gouge
BG10-44	371.70	371.73	0.03	flt	moly-chl	str	40	
BG10-44	372.70	372.75	0.05	flt	chl-carb	str	40	
BG10-44	415.95	415.98	0.03	flt	chl	str	47	1/8" gouge
BG10-44	416.40	416.44	0.04	flt	chl	mod	45	
BG10-44	427.80	428.00	0.2	flt	chl	str	42	gouge-MAIN BRK
BG10-44	415.45	415.50	0.05	flt	chl	str	45	1/8" gouge
BG10-44	449.10	449.14	0.04	flt	chl	mod	24	in BC
BG10-44	457.00	457.04	0.04	flt	chl	mod	32	in BC
BG10-44	469.30	469.40	0.1	flt	chl	str	33	1/2" gouge
BG10-44	497.20	497.25	0.05	flt	chl	str	29	
BG10-45	16.08	16.15	0.07	Flt	broken core+ py vn's+ bone white qtz-carb	weak	50	
BG10-45	17.30	17.35	0.05	Flt	qtz+ calcite+chl+py	weak	45	16.9 to 17.05 5 deg TCA Flt with carb+chl
BG10-45	27.30	27.35	0.05	Slips	qtz+calcite+chl	weak	45	26.87 to 26.9m 45 to 50 deg TCA flt-slip
BG10-45	27.45	27.65	0.20	Slip	flt + chl+qtz+dol	moderate	0	

Hole_ID	From	To	Width	Fault_Type	Fault_Modifier	Fault_Intensity	Core Angle	Comments
BG10-45	28.00	29.10	1.10	Flt	qtz+calcite+dol+ank+chl+ser	moderate	0	a series a sinewy flts-slips possibly the MH N-S offset flt on west side of mine
BG10-45	35.72	35.90	0.18	Flt	chl+pink carb+qtz	moderate	0	
BG10-45	36.60	48.50	11.90	Shear	ductile-qtz+dol+ser+py in frac's	strong	55	**MH Zone**
BG10-45	56.80	56.81	0.01	Flt	qtz+dol+chl	weak	60	
BG10-45	60.10	60.14	0.04	Flt	qtz+dol+chl+py+carb	moderate	45	
BG10-45	65.60	66.90	1.30	Flt	qtz+dol+chl	strong		0 to 15 deg TCA
BG10-45	68.10	68.56	0.46	Slip	chl+carb	weak	0	
BG10-46	49.85	50.15	0.30	Flt	multiple flt - slips with tension vnlets with dol+qtz	moderate		slips + flt's at 40 to 55 deg TCA
BG10-46	51.07	51.10	0.03	Flt	qtz+dol	moderate	90	
BG10-46	52.60	53.00	0.40	Fractured	qtz+dol+chl	moderate	30	
BG10-46	54.00	54.10	0.10	Flt	multiple flt - slips with tension vnlets with dol+qtz	moderate		slips + flt's at 50 to 80 deg TCA
BG10-46	54.60	54.70	0.10	Flt	cataclasite	moderate	10	at contact Diorite Bx to FP
BG10-46	63.80	64.50	0.70	blocky ground				broken along slips
BG10-46	80.40	80.51	0.11	Flt	chl+carb	strong	20	
BG10-46	80.90	80.94	0.04	Flt	gouge + chl+carb	strong	15	
BG10-46	81.30	82.30	1.00	Shear	calcite+carb+qtz+chl	strong	20	
BG10-46	82.30	85.20	2.90	Shear	slips+fabric	weak	35	
BG10-46	106.60	113.20	6.60	Fractured	carb py vn's	strong	60	MH Zone more intense from 110.3 to 113.2m
BG10-46	119.80	121.30	1.50	Fractured	discontinuous tension frac's with carb	moderate		
BG10-47	14.40	14.70	0.30	Slip	chl + carb	weak	10	
BG10-47	14.90	15.20	0.30	Slip	chl + carb	weak	10	
BG10-47	20.40	21.10	0.70	Fault	ser + chl + carb+ qtz	strong	15	Contact FP-Diorite
BG10-47	29.90	30.00	0.10	Shear	carb+py+chl+qtz vn	weak	70	
BG10-47	44.50	58.60	14.10	Shear	multiple shear-flts with widths of 3cm to 10cm wide			angles vary from 45 to 85 degTCA
BG10-47	58.60	60.10	1.50	Shear	sil + ser+ py	strong	55	
BG10-47	63.40	63.90	0.50	Shear	leuc flecs+ py+chl	weak	55	
BG10-47	64.50	65.40	0.90	Shear	leuc flecs+ py+chl	weak	55	in FP oxy'd hem+ frac's + py vn's
BG10-47	67.35	68.30	0.95	Fractured	dk grey-blue vn's+ py vn's	moderate		frac & vn's 30 to 55 deg TCA

Hole_ID	From	To	Width	Fault_Type	Fault_Modifier	Fault_Intensity	Core Angle	Comments
BG10-47	73.86	73.98	0.12	Flt	two 1cm wide flts at 60 to 65 deg TCA with chl+carb+qtz	weak		
BG10-47	80.60	82.00	1.40	Fractured	perv carb+ leuc flecs+py	weak		
BG10-47	84.50	89.00	4.50	Fractured		moderate		
BG10-47	91.30	94.50	3.20	Fractured	occassional carb+epi+py	weak		
BG10-48	6.90	6.94	0.04	fault	chl	str	35	1/16" gouge
BG10-48	20.90	20.93	0.03	slip	carb-chl	mod	37	
BG10-48	28.30	28.33	0.03	slip	carb-chl	mod	37	
BG10-48	19.60	19.63	0.03	slip	q-ank-chl	str	45	
BG10-48	68.15	68.18	0.03	fault	carb	wk	17	
BG10-48	73.90	73.97	0.07	slip	chl	wk	19	
BG10-48	89.80	89.83	0.03	fault	chl	str	42	
BG10-48	98.13	98.16	0.03	slip	chl	mod	18	
BG10-48	147.10	147.20	0.1	fault	chl	str	25	1/8" gouge in BC
BG10-48	168.50	168.60	0.1	fault	chl	str	25	1/8" gouge in BC
BG10-48	193.40	193.43	0.03	fault	chl	mod	38	
BG10-48	199.45	199.48	0.03	fault	chl	str	43	
BG10-48	203.55	203.58	0.03	slip	chl	str	53	
BG10-48	227.65	227.70	0.05	fault	chl	str	32	1/4" gouge
BG10-48	227.97	228.00	0.03	fault	chl	str	32	tight-*2
BG10-48	245.54	245.59	0.05	slip	chl-ser-ank	str	52	1" q-ank-ser-chl
BG10-48	230.63	230.67	0.04	fault	chl	mod	40	tight
BG10-49	9.40	9.60	0.2	slip	chl	mod	10	
BG10-49	13.33	13.36	0.03	slip	chl	mod	45	
BG10-49	26.30	26.40	0.1	slip	chl	mod	20	
BG10-49	30.75	30.78	0.03	flt	chl	str	62	
BG10-49	20.92	21.00	0.08	flt	chl	str	27	
BG10-49	45.05	45.08	0.03	slip	chl	mod	58	
BG10-49	67.20	67.25	0.05	flt	chl	str	42	1/4" gouge
BG10-49	77.60	77.80	0.2	slip	chl	mod	10	
BG10-49	86.90	86.93	0.03	flt	chl	tr	35	
BG10-49	92.80	93.00	0.2	slip	chl	str	10	
BG10-49	125.35	125.40	0.05	flt	chl	str	24	1/4" gouge
BG10-49	129.00	132.20	3.2	shear	ser-chl	str	54	
BG10-49	157.90	157.94	0.04	flt	chl	str	25	1/4" gouge
BG10-50	8.90	9.30	0.40	Fractured	carb+epi+py	weak	40	
BG10-50	15.00	15.50	0.50	Flt	chl+carb	weak	0	
BG10-50	17.10	17.13	0.03	Flt	chl+qtz+carb	weak	35	

Hole_ID	From	To	Width	Fault_Type	Fault_Modifier	Fault_Intensity	Core Angle	Comments
BG10-50	29.00	29.20	0.20	Shear	slips with qtz+carb+chl	weak	75	
BG10-50	39.00	42.50	3.50	Shear	Diorite leuc flecs with frac's with chl+py; FP ser+ sil alt'n	weak		frac's - shear slips at 30 to 55 deg TCA; at 41.8m 50 deg TCA Flt with wafer thin gouge + qtz+ dol vn
BG10-50	48.35	48.40	0.05	Flt	carb+chl+qtz	strong	60	vn is 6 cm wide
BG10-50	54.00	56.50	2.50	Fractured	intense sil alt'n + py	strong	65	
BG10-50	60.70	60.80	0.10	Flt	healed with qtz+chl	strong	40	
BG10-50	75.70	76.60	0.90	Shear	py+chl+leuc flecs	moderate	80	
BG10-50	83.00	83.90	0.90	Shear	py+ chl+leuc flecs	moderate	80	
BG10-50	84.40	84.47	0.07	Shear	py+ser+carb+chl	strong	85	
BG10-50	104.20	105.30	1.10	Shear	py+sil+epi+chl	strong	35	
BG10-50	110.40	110.80	0.40	Shear	epi+chl+mag+py	weak	30	
BG10-50	119.70	119.89	0.19	Shear	chl+carb	weak	55	
BG10-51	10.94	11.35	0.41	Shear	epi+ calcite+qtz vn	weak	10	
BG10-51	16.40	17.00	0.60	blocky ground				RQD=85%
BG10-51	22.30	22.43	0.13	Flt	gouge + blocky grnd + at contact	strong		
BG10-51	59.10	72.00	12.90	Fractured	MH Zone; oxy'd hem+ py+chl	strong		variable 45 to 75 deg; blocky grnd from 59.7 to 60.2m and from 60.7 to 61.5m RQD=65% and from 68.5 to 69m RQD=85%
BG10-51	74.00	74.04	0.04	Flt	qtz+chl+epi	moderate	25	
BG10-51	80.10	81.70	1.60	Shear	localized shears	weak		localized shears from 80.1 to 80.14m, 81m; 81.26m chl gouge and 81.7 chl gouge 65 to 85 deg TCA
BG10-51	88.50	88.57	0.07	Flt	healed with carb+chl	weak	80	
BG10-51	92.90	94.50	1.60	Shear	chl + leuc flecs	weak	65	
BG10-51	95.70	98.35	2.65	Shear	2nd MH Zone -sil+leuc flecs+ chl+py	moderate		fabric variable from 85 to 40 deg TCA
BG10-51	106.80	107.30	0.50	Flt	bx + magnetite+qtz+ calcite vn	strong	55	
BG10-51	110.90	110.94	0.04	Shear	magnetite+ qtz+epi	weak	65	
BG10-51	112.16	112.20	0.04	Shear	magnetite+ qtz+epi	weak	55	
BG10-52	8.80	8.85	0.05	flt	lim-chl	mod	23	
BG10-52	12.00	12.30	0.3	flt	chl	mod	45	
BG10-52	33.90	33.94	0.04	slip	chl	mod	53	
BG10-52	74.30	74.33	0.03	slip	chl-ank	mod	43	
BG10-52	107.05	107.10	0.05	flt	chl	mod	45	
BG10-52	119.60	120.00	0.4	shear	chl-ank	weak	62	

Hole_ID	From	To	Width	Fault_Type	Fault_Modifier	Fault_Intensity	Core Angle	Comments
BG10-53	15.20	15.30	0.10	Flt	2.2 cm py vn with 90% py;	strong	15	
BG10-53	17.00	18.00	1.00	Slip	carb+bx	moderate	10	
BG10-53	18.35	18.37	0.02	Flt	carb+qtz+py	moderate	45	
BG10-53	19.95	19.97	0.02	Flt	qtz+carb+chl	moderate	40	
BG10-53	21.60	24.40	2.80	Fractured	25% carb healed frac's with bx	strong		variable shear angles and vn angles
BG10-53	24.40	25.20	0.80	Flt	N-S Offset Flt with gouge+chl+ser+qtz+ carb	strong	5	offset of the west extension of the MH Zone
BG10-53	37.10	37.90	0.80	Shear	sil+chl alt'n	moderate	45	
BG10-53	40.90	46.20	5.30	Shear	brittle - ductile sil+ ser+chl	moderate		brittle frac's+ shear slips+ flting range from 55 to 85 deg TCA; mutliple slips showing offsets
BG10-53	46.50	46.53	0.03	Flt	chl+qtz+dol	moderate	50	
BG10-53	47.26	47.27	0.01	Flt	cataclasite+qtz+dol	moderate	25	
BG10-53	49.37	49.44	0.07	Flt	sil+ser+dol	weak	55	
BG10-53	51.10	52.30	1.20	Shear	ser+ chl	moderate		no definitive shear pattern; flt healed by qtz+dol+chl at 52.3m at 90 deg TCA
BG10-53	53.30	53.31	0.01	Flt	cataclasite + qtz+dol+chl	weak	50	
BG10-53	54.10	54.11	0.01	Flt	chl+qtz+dol	weak	30	
BG10-53	57.60	57.62	0.02	Flt	healed with qtz+dol+carb vn	weak		
BG10-53	61.00	61.80	0.80	Flt	qtz+qtz+carb+ser	strong	0	
BG10-53	73.90	74.20	0.30	Flt	qtz+dol+chl	strong	5	
BG10-53	77.95	80.00	2.05	Flt	qtz+dol+carb vn + chl+ser+gouge	strong	0	
BG10-56	24.00	24.03	0.03	flt	chl+qtz+py+ank	strong	30	slips at 25 to 35 deg TCA; bx
BG10-56	47.55	47.55	0.00	flt	bx+qtz	mod	30	
BG10-56	49.90	72.00	22.10	blocky ground		strong		indicative of late Flt?; generally high angle 55 to 90 deg TCA slips and minor 0 deg TCA slips
BG10-56	87.90	87.90	0.00	slip		mod	0	
BG10-56	92.80	92.90	0.10	slip			45	two slipsn at 40 and 50 deg TCA
BG10-56	93.40	93.41	0.01	Flt	qtz+cc+ank+chl	mod	35	
BG10-56	102.97	105.25	2.28	shear			40	early grey qtz and lt white qtz+cc along britle frac's at 25 to 40 + py; some sections with fuschite
BG10-56	109.30	109.50	0.20	slip	qtz+py		5	
BG10-56	115.60	115.61	0.01	flt	qtz+cc		40	

Hole_ID	From	To	Width	Fault_Type	Fault_Modifier	Fault_Intensity	Core Angle	Comments
BG10-56	117.50	125.60	8.10	shear		strong		shear breccia zone 25 to 45 deg TCA; tectonic bx 123.2 to 123.3 healed by qtz+diss py
BG10-56	125.10	125.13	0.03	flt	qtz+alb+ank+chl+ser+py	strong	40	at contact with Congl
BG10-56	125.60	130.50	4.90	broken core		strong		
BG10-56	131.80	132.80	1.00	broken core				
BG10-56	132.80	181.50	48.70	blocky ground		mod		
BG10-56	181.50	181.70	0.20	flt	cc	mod	60	broken core showing numerous slips and sugary calcite developed as flt gouge
BG10-56	225.00	257.80	32.80	broken & very block ground				RQD<10
BG10-56	257.80	259.00	1.20	broken & Lost Core				shattered and ground to gravell RQD=0
BG10-56	259.00	284.00	25.00	blocky ground				RQD <15
BG10-56	291.00	319.50	28.50	very block & broken				RQD <10
BG10-56	308.00	308.50	0.50	flt	cc-qtz-trace py	mod	5	vuggy cc ribbon vein shows 50% chl schist rock slivers and rare spk fg py
BG10-56	321.10	321.11	0.01	slip	chl-talc		30	minor gouge on face
BG10-56	334.40	334.43	0.03	flt	cc-qtz-trace py		50	sheared ribbon vlt, minor py
BG10-56	335.05	335.05	0.00	slip	cc		15	tight slip
BG10-56	335.17	335.17	0.00	slip	-		100	tight slip
BG10-58	13.30	13.33	0.03	slip	chl	wk	80	
BG10-58	13.64	13.66	0.02	slip	chl-q-ank	wk	77	
BG10-58	15.20	15.22	0.02	slip	chl-q-ank	wk	71	
BG10-58	27.10	27.50	0.40	shear	chl-ser	strong	44	flt's @ ct's
BG10-58	35.95	35.97	0.02	fault	chl	mod	60	1/8" gouge
BG10-58	73.70	73.73	0.03	fault	chl-q-ank	strong	72	
BG10-58	73.90	73.92	0.02	fault	chl-q-ank	mod	72	
BG10-58	77.85	77.87	0.02	fault	chl	mod	61	
BG10-58	120.95	121.40	0.45	shear	chl-q-ank	strong	37	ends intense alt'n
BG10-59	13.70	13.85		fault	chl	strong	18	1/8" gouge
BG10-59	35.22	35.27		fault	chl	wk	32	annealed
BG10-59	56.35	56.75		shear	ser-q-ank	wk	66	
BG10-59	58.73	58.75		fault	chl	strong	68	slicks; 1/8" annealed gouge
BG10-59	61.13	61.15		slip	chl	strong	55	imm foll by 0.1m pk carb vn
BG10-59	61.67	6.70		slip	chl-q-ank	mod	76	
BG10-59	75.70	75.75		shear	ser-chl	mod	80	
BG10-59	95.00	95.04		fault	chl	strong	32	1/8" gouge imm foll by 1" chl-ser shr
BG10-59	79.90	79.93		fault	chl	strong	50	
BG10-59	118.65	118.68		slip	chl	strong	71	
BG10-59	118.82	118.85		fault	chl	strong	65	1/8" gouge
BG10-60	13.75	13.79	0.04	slip	chl	mod	45	ox'd
BG10-60	14.80	15.10	0.3	slip	chl-lim	mod	15	

Hole_ID	From	To	Width	Fault_Type	Fault_Modifier	Fault_Intensity	Core Angle	Comments
BG10-60	31.55	31.58	0.03	slip	chl-hem	str	44	
BG10-60	35.40	35.44	0.04	fault	chl	str	51	
BG10-60	56.20	56.30	0.1	slip	hem	mod	25	
BG10-60	59.42	59.44	0.02	slip	hem	mod	65	
BG10-60	69.22	69.25	0.03	fault	chl	mod	43	1/8" gouge
BG10-61	27.70	27.73	0.03	slip	chl	wk	52	
BG10-61	46.40	46.45	0.05	fault	chl	str	33	
BG10-61	45.00	45.40	0.4	slip	chl-hem	wk	15	
BG10-62	39.90	40.00	0.1	slip	carb	weak	55	
BG10-62	40.87	40.92	0.05	fault	carb+py	weak	70	
BG10-62	56.73	56.74	0.005	slips	carb+py+chl	strong	75	
BG10-62	58.35	58.38	0.03	slips	carb+graphite+py	strong	80	
BG10-62	60.30	60.32	0.02	fault	carb+chl+qtz	strong	45	
BG10-62	70.00	70.40	0.4	fault	carb	mod	5	
BG10-65	9.30	9.33	0.03	flt	chl	str	65	
BG10-65	8.10	8.13	0.03	flt	chl-hem'd	str	47	1/8" gouge
BG10-65	24.75	24.78	0.03	flt	chl	str	64	washed out
BG10-65	50.05	50.08	0.03	slip	carb	mod	47	
BG10-65	71.50	71.53	0.03	flt	chl	str	62	
BG10-66	42.00	42.02	0.02	flt	chl-moly	str	55	
BG10-66	44.77	44.80	0.03	flt	chl	mod	53	
BG10-66	47.67	47.72	0.05	slip	chl	str	43	
BG10-66	52.27	52.30	0.03	slip	chl	str	54	
BG10-67	31.40	31.50	0.1	fault	chl	str	22	
BG10-67	32.42	32.45	0.03	fault	chl	str	43	1/4"-1/2" mud gouge
BG10-67	34.08	34.16	0.08	fault	chl	str	24	1/8" gouge
BG10-68	31.80	31.84	0.04	slip	chl	mod	34	
BG10-68	47.80	47.85	0.05	fault	chl	mod	32	1/8" gouge
BG10-68	65.90	65.94	0.04	fault	chl	mod	59	1/8" gouge
BG10-68	75.57	75.60	0.03	fault	chl	str	50	
BG10-68	78.68	78.74	0.06	slip	chl	str	32	
BG10-68	78.90	79.60	0.7	fault	chl	str	41	30% mud gouge
BG10-68	84.00	84.02	0.02	fault	chl	str	53	
BG10-70	34.10	39.00	4.9	shear	chl-ser	str	37	
BG10-70	35.38	35.42	0.04	flt	chl	str	42	
BG10-71	20.15	20.22	0.07	shear	ser-chl	str	42	
BG10-71	78.40	78.43	0.03	flt	chl	str	62	
BG10-71	88.40	88.43	0.03	slip	chl	mod	37	
BG10-71	153.30	153.40	0.1	flt	chl	str	26	1/8" gouge
BG10-71	154.40	154.45	0.05	flt	chl	str	43	
BG10-72	28.12	28.15	0.03	flt	chl	weak	45	

Hole_ID	From	To	Width	Fault_Type	Fault_Modifier	Fault_Intensity	Core Angle	Comments
BG10-72	33.50	33.75	0.25	shear	chl-ser-ank	str	52	
BG10-72	36.70	37.00	0.3	flt	sand		82	sand seam full of py
BG10-72	38.20	38.40	0.2	flt	chl	str	42	0.15m gouge+ 1" shr
BG10-72	53.15	53.30	0.15	shear	chl-ser-ank	str	72	
BG10-72	54.60	54.63	0.03	slip	chl	str	67	
BG10-72	24.90	24.93	0.03	flt	chl	str	45	1/8" gouge
BG10-72	88.70	89.00	0.3	shear	chl-ser-ank	str	75	
BG10-72	119.60	119.65	0.05	shear	ser-ank-chl	str	63	
BG10-72	156.00	156.30	0.3	flt	chl	mod	52	
BG10-72	159.00	159.02	0.02	flt	chl	mod	46	
BG10-73	28.00	28.02	0.02	slip	chl	str	80	
BG10-73	31.35	31.85	0.5	shear	ser-chl	mod	54	flt planes
BG10-73	37.50	37.70	0.2	shear	ser-chl	str	37	
BG10-73	37.70	37.75	0.05	flt	chl	str	37	1/4"-1/2" gouge
BG10-73	47.15	47.20	0.05	flt	chl	str	33	1/8" gouge
BG10-73	48.10	48.13	0.03	flt	chl	mod	60	
BG10-73	51.90	51.92	0.02	flt	chl	str	71	
BG10-73	84.30	84.80	0.5	shear	chl-ser-q-ank	str	80	flt planes w gouge
BG10-73	118.80	118.90	0.1	shear	ser-chl	str	68	
BG10-73	153.65	153.68	0.03	shear	ser-chl	str	70	
BG10-73	158.00	158.03	0.03	flt	chl	str	37	
BG10-73	159.90	159.94	0.04	flt	chl	str	53	
BG10-73	183.52	183.58	0.06	flt	chl	mod	23	
BG10-76	28.35	28.38	0.03	flt	chl	str	52	1/8" gouge
BG10-76	32.63	32.70	0.07	flt	chl	str	39	at least 1" gouge
BG10-76	45.00	45.03	0.03	flt	chl	mod	67	
BG10-76	82.30	82.33	0.03	slip	chl-carb	mod	80	
BG10-76	82.50	82.53	0.03	slip	chl-carb	mod	80	
BG10-76	54.85	54.87	0.02	slip	chl-carb	mod	43	
BG10-76	106.25	106.30	0.05	flt	chl-ank	str	67	
BG10-76	116.97	117.00	0.03	flt	chl	str	54	1/8" gouge
BG10-76	114.80	114.83	0.03	flt	chl-ank	mod	57	
BG10-76	152.20	152.34	0.14	flt	chl	str	59	
BG10-76	152.45	152.48	0.03	flt	chl	str	59	
BG10-77	28.70	28.73	0.03	flt	cal+carb+chl	mod	70	
BG10-77	33.10	33.11	0.01	Flt	carb+chl	strong	30	cataclasite
BG10-77	35.16	35.18	0.02	Slips	carb+chl+qtz	strong	55	
BG10-77	38.42	38.53	0.11	Flt	mud+goug+bx	strong	55	major fault + cataclasite - Bidgood Main BK?
BG10-77	42.30	42.30	0.00	Flt	slip	mod	50	
BG10-77	42.80	42.80	0.00	Slip		mod	30	

Hole_ID	From	To	Width	Fault_Type	Fault_Modifier	Fault_Intensity	Core Angle	Comments
BG10-77	53.50	53.50	0.00	Flt	bx	mod	55	at contact
BG10-77	55.90	55.90	0.00	Slip		mod	60	
BG10-77	57.00	67.50	10.50	Blocky Ground				poor recovery; blocky
BG10-77	67.50	70.20	2.70	Blocky Ground				rubble in sections; very poor recovery
BG10-77	70.20	80.00	9.80	Blocky Ground				blocky
BG10-77	85.45	85.45	0.00	slip			30	minor chl gouge
BG10-77	109.20	109.70	0.50	slip	carb+qtz vn+spec hem		0	
BG10-77	112.30	113.40	1.10	slip	carb+qtz+spec hem		0	
BG10-77	119.42	119.52	0.10	slip	qtz+carb+chl+bleach	mod	45	at contact with narrow FP and Diorite
BG10-77	138.80	139.70	0.90	shear	ser+carb+qtz	strng	45	shear at 25 to 65 deg TCA start of MH Zone
BG10-77	158.50	158.70	0.20	Flt	carb+bx+chl+cpy	strng	80	vn upper contact 80 & lower at 55 deg TCA
BG10-77	160.20	160.20	0.00	Flt	calcite+chl	mod	55	
BG10-77	166.80	166.80	0.00	slip	qtz	mod	65	
BG10-77	172.20	172.80	0.60	Bx	calcite+carb	strong	20	hydrothermal bx - large vn
BG10-77	198.30	198.31	0.01	Flt	sil+chl healed?+epi	mod	85	possib;le Flt or mafic dyklet
BG10-78	39.80	39.82	0.02	flt	talcose		30	mud seam
BG10-78	46.10	46.30	0.2	shear	chl-qtz	strong	55	"C-S+ fabric at 60 and 7dca
BG10-78	48.15	48.15	0.001	slip	chl		20	very tight slip rotated 80deg to folm
BG10-78	49.20	49.21	0.01	fault	talc-chl-gf?		35	tight fault- stong chl altn below, str bx/15cm above
BG10-78	129.00	129.05	0.05	shear	chl-ser	strong	49	
BG10-78	132.64	132.76	0.12	shear	chl-ser	strong	49	
BG10-79	36.40	36.60	0.2	shear	chl-ser-q-ank	str	38	
BG10-79	39.00	39.10	0.1	flt	chl	str	70	gouge or just mud (flt?), GC
BG10-79	42.50	42.90	0.4	flt	chl	str	43	definite 0.2m gouge; BC; GC
BG10-79	43.50	43.80	0.3	flt	chl	str	15	
BG10-79	60.95	61.90	0.95	shear	chl-ser	str	59	
BG10-79	55.20	55.25	0.05	slip	chl	mod	58	in BC
BG10-79	88.50	88.53	0.03	flt	chl	str	65	
BG10-79	102.85	102.88	0.03	flt	chl	mod	75	
BG10-79	128.00	128.05	0.05	slip	chl-carb	mod	30	
BG10-79	139.65	139.68	0.03	flt	chl	str	30	
BG10-79	141.80	141.83	0.03	flt	chl	str	37	
BG10-79	181.30	181.35	0.05	slip	chl	str	18	
BG10-80	38.40	38.45	0.05	flt	chl	str	40	1" gouge in BC
BG10-80	46.80	46.83	0.03	flt	chl	str	47	1/8" gouge imm prec by 0.1m pk carb
BG10-80	48.40	48.55	0.15	slip	chl-carb	mod	27	
BG10-80	52.40	52.60	0.2	shear	chl-ser-ank	str	38	
BG10-86	28.60	28.63	0.03	slip	chl-carb	mod	67	
BG10-86	30.80	30.85	0.05	flt	chl-carb	mod	42	

Hole_ID	From	To	Width	Fault_Type	Fault_Modifier	Fault_Intensity	Core Angle	Comments
BG10-86	41.00	41.30	0.3	shear	chl-ser-ank	str	32	
BG10-86	42.40	42.70	0.3	shear	chl-ser-ank	str	32	
BG10-86	44.30	44.33	0.03	flt	chl-carb	str	59	
BG10-86	49.40	49.43	0.03	flt	chl	str	37	
BG10-86	57.18	57.22	0.04	flt	chl	str	42	1/8" gouge
BG10-86	59.40	60.00	0.6	flt	chl	str	32	2* 0.1m gouge
BG10-86	65.40	65.80	0.4	shear	chl-ser-ank	str	32	
BG10-86	85.47	85.50	0.03	flt	chl	mod	60	
BG10-86	165.20	165.23	0.03	slip	chl	mod	72	
BG10-86	170.70	170.75	0.05	flt	chl	str	30	
BG10-86	171.05	171.10	0.05	flt	chl	str	30	
BG10-86	181.10	181.13	0.03	slip	chl	str	54	
BG10-86	186.65	186.68	0.03	flt	chl	mod	78	
BG10-86	205.20	205.23	0.03	flt	chl	str	63	
BG10-86	235.90	235.94	0.04	flt	chl	mod	42	
BG10-90	31.80	32.50	0.7	shear	chl-ser	strong	49	
BG10-90	32.80	32.90	0.1	shear	chl-ser	strong	49	
BG10-90	36.80	37.40	0.6	shear	chl-ser	strong	38	
BG10-90	37.40	37.43	0.03	flt	chl	strong	42	1" mud gouge in BC
BG10-90	41.35	41.38	0.03	flt	chl-carb	mod	57	
BG10-90	48.25	48.60	0.35	shear	chl	str	47	
BG10-90	52.10	52.18	0.08	flt	chl	weak	30	
BG10-90	53.45	53.60	0.15	shear	chl-ser	strong	55	
BG10-90	59.20	59.22	0.02	flt	chl	str	66	washed out?
BG10-92	30.16	30.17	0.00	Flt	chl+carb+qtz	weak	25	
BG10-92	36.50	36.51	0.01	Flt	chl+gouge+carb+py	strng	25	probably similar to Flt in BG10-94 at 42.2m
BG10-92	43.83	43.89	0.06	Flt	qtz+ank+carb+alb+ chl	strng	65	start of mineralized +shear zone
BG10-92	43.89	53.10	9.21	Shear	ductile+brittle	strng	50	at 50.6m and at contact Diorite+Syn, Flt at 30 deg TCA with gouge - gouge washed out by drill water
BG10-92	61.00	61.00	0.00	Flt	gouge	weak	70	Flt 1-2mm wide
BG10-92	65.20	66.80	1.60	Slip	chl+carb+ank	mod	0	at 66.65m 1mm wide mylonite at 45 deg TCA
BG10-92	73.75	73.78	0.03	Shear	carb+slips+py	strng	50	
BG10-92	76.85	77.00	0.15	Shear	carb+slips+py	strng	55	
BG10-92	77.30	77.45	0.15	Shear	carb+slips+py	strng	55	
BG10-92	77.84	77.86	0.02	Shear	carb+slips+py	strng	70	py vn in rubble
BG10-92	119.80	119.90	0.10	Slip	carb+chl	weak	25	weak slip-flt
BG10-92	130.90	130.90	0.00	Flt	epi+carb+py	weak	85	

Hole_ID	From	To	Width	Fault_Type	Fault_Modifier	Fault_Intensity	Core Angle	Comments
BG10-92	**146.60**	**149.00**	**2.40**	**Shear**	**carb+py**	**mod**	**45**	**MH Zone weak to strng shear 25 to 65 deg TCA**
BG10-92	**159.50**	**160.23**	**0.73**	**Shear**	**carb+py**	**strng**	**45**	**MH Zone mod to strng shear 25 to 65 deg TCA**
BG10-92	164.50	164.75	0.25	Fractured	carb+py	weak	80	
BG10-92	167.24	167.27	0.03	Flt	carb+chl	weak	40	
BG10-92	**169.20**	**179.20**	**10.00**	**Shear**	**ductile-brittle**	**strong**	**45**	**MH Zone shear at 40 to 55 deg TCA**
BG10-92	182.12	182.14	0.02	Flt	carb+chl+py	strong	70	
BG10-92	192.00	192.20	0.20	Flt	qtz +carb vn + chl	mod	20	
BG10-92	209.90	210.30	0.40	Flt	carb + qtz+ py +chl	mod	0	
BG10-93	46.20	46.24	0.04	flt	chl	mod	55	
BG10-93	47.47	47.50	0.03	shear	chl-ser-ank	mod	55	
BG10-93	50.52	50.55	0.03	flt	chl	str	70	
BG10-93	51.90	52.10	0.2	flt	chl	str	41	at least 2" gouge
BG10-93	55.04	55.08	0.04	flt	chl	str	50	
BG10-93	55.08	55.35	0.27	shear	chl-ank	str	50	
BG10-93	58.90	58.96	0.06	shear	chl	weak	27	brings in BC
BG10-93	68.60	68.63	0.03	flt	chl	mod	64	
BG10-93	69.00	69.03	0.03	flt	chl	mod	37	
BG10-93	69.80	69.84	0.04	flt	chl	mod	18	
BG10-93	75.20	75.25	0.05	flt	chl	str	51	
BG10-93	77.97	78.35	0.38	shear	chl-carb	str	52	
BG10-93	104.20	104.25	0.05	shear	ser-chl	mod	34	
BG10-93	110.15	110.20	0.05	shear	ser-chl	mod	32	
BG10-93	112.94	112.97	0.03	slip	chl	weak	74	
BG10-93	148.80	148.84	0.04	flt	chl	str	32	
BG10-93	186.93	186.97	0.04	flt	chl	mod	62	
BG10-93	196.15	196.27	0.12	slip	chl-carb	mod	23	
BG10-94	33.90	33.91	0.01	Flt	qtz+chl+carb	mod	70	another flt-slip at 34.3m 35 deg TCA
BG10-94	35.30	35.32	0.02	Flt	qtz+chl+carb	mod	20	chl gouge
BG10-94	36.00	36.01	0.01	Flt	qtz+chl	mod	90	
BG10-94	38.20	38.50	0.30	Shear	qtz+carb	mod	35	pale reddish brown alt'n carb; py
BG10-94	41.40	42.10	0.70	Shear	carb+qtz+chl+py	strong	35	brittle to ductile shear prior to Main Break Flt?-strong carb
BG10-94	42.20	42.24	0.04	Flt	mud gouge	strong	35	***Bidgood Main Bk?*** 2 cm gouge strong carb and strong carb downhole from flt
BG10-94	44.60	45.50	0.90	Shear	ductile	strong	40	shear from 25 to 55 deg TCA with cal+carb+qtz veining ~20%
	64.30	64.70	0.40	Shear	qtz+carb+py	strong	60	localized
BG10-94	70.66	74.70	4.04	Shear	ductile + brittle	strong	60	**carb+chl alt'n Zone**
BG10-94	79.70	80.10	0.40	Shear	brittle	mod	70	narrow vn'ing; leuc flecs

Hole_ID	From	To	Width	Fault_Type	Fault_Modifier	Fault_Intensity	Core Angle	Comments
BG10-94	89.80	89.85	0.05	Flt	qtz+carb+chl	mod	75	
BG10-94	130.80	130.81	0.01	Flt	healed with carb+qtz	strong	45	alteration looks like a narrow unit prior to start of mineralized section
BG10-94	132.60	132.61	0.00	Slip	chl+carb	mod	80	
BG10-94	137.06	137.06	0.00	Flt	chl+carb	mod	65	
BG10-94	147.35	147.36	0.01	Flt	carb+qtz+chl	strong	50	recrystrall'd broken qtz
BG10-94	159.10	159.11	0.01	Slip	carb+qtz+bx		25	
BG10-94	163.33	163.40	0.07	Flt	carb+cc+qtz+chl	strong	50	
BG10-94	163.64	163.65	0.01	Flt	carb+cc+chl+bx	strong	35	
BG10-94	177.60	177.60	0.00	Flt	carb+epi+chl	strong	65	
BG10-94	184.50	191.50	7.00	blocky ground				
BG10-94	198.60	198.66	0.06	Flt	carb+epi+qtz+chl	strong	90	
BG10-94	201.50	201.51	0.01	Flt	epi+carb+qtz	strong	85	
BG10-94	207.00	207.20	0.20	Flt	epi+carb+grey qtz	strong	5	
BG10-94	234.40	234.44	0.04	Flt	mylonite? Epi+carb	mod	60	
BG10-101	28.00	28.20	0.20	Flt	chl+slickensides+ carb	mod	20	
BG10-101	29.90	29.90	0.00	Slip	chl		65	
BG10-101	51.40	51.40	0.00	Slip	carb+chl	mod	25	
BG10-101	51.83	52.05	0.22	Flt	carb+chl+cataclasite	strng	15	
BG10-101	52.80	53.60	0.80	Flt	carb+chl+py	strong	15	
BG10-101	57.30	72.80	15.50	Shear	localized sections	strong		shear -flts at 58.8 to 58.9m at 15 deg TCA; 64.06m at 20 deg TCA; 65.2m at 50 deg TCA; 66.95 to 67.1 at 45 deg TCA; Flt 72.7-72.8 at 50 deg TCA
BG10-101	85.10	92.00	6.90	Shear	ductile+carb+chl	strong		***Bidgood Main Break? - Flt gouge at 86.4 m***
BG10-101	96.00	96.30	0.30	Flt	cataclasite+bx+qtz+alb +spec hem	strong	15	
BG10-101	98.10	98.11	0.01	Flt	chl+qtz+alb+spec hem	mod	25	
BG10-101	99.20	99.21	0.01	Flt	chl+qtz+alb+spec hem	mod	55	
BG10-101	101.90	101.93	0.03	Flt	spec hem+bx	mod	60	
BG10-101	139.23	139.43	0.20	Slips	carb+qtz+chl+bx	mod	60	Flt-Slips at 50-65 deg TCA
BG10-101	158.85	158.91	0.06	Bx	carb		65	Hydrothermal bx?
BG10-101	160.00	178.00	18.00	blocky ground				165.3 slip with 2cm carb vn at 45 deg TCA
BG10-101	181.60	186.40	4.80	blocky ground				
BG10-101	189.60	189.61	0.01	Flt	carb + qtz+ epi	mod	15	
BG10-101	193.60	193.67	0.07	Slip	carb + qtz + chl		55	
BG10-101	202.10	205.00	2.90	blocky ground				~50% RQD

Hole_ID	From	To	Width	Fault_Type	Fault_Modifier	Fault_Intensity	Core Angle	Comments
BG10-101	210.80	210.81	0.01	Flt	gouge + carb	strong	85	
BG10-101	212.00	212.01	0.01	Slip			40	
BG10-101	213.00	220.00	7.00	blocky ground				~65% RQD
BG10-101	229.13	229.14	0.01	Flt	chl+carb+qtz	weak	70	
BG10-101	229.75	229.76	0.01	Flt	qtz+chl+carb	weak	25	
BG10-101	240.50	240.58	0.08	Bx	bx+carb+qtx+chl	weak	90	
BG10-101	241.16	241.20	0.04	Flt	slip - qtz+ank+carb+chl	mod	25	25 and 45 deg TCA
BG10-101	244.00	244.01	0.01	Slip	qtz+ank+chl	weak	40	2-3 cm vn's at & proximal to Flt-Slip
BG10-101	250.00	277.00	27.00	blocky ground				some sections with angular rubble; 276.8 to 277.5m 5 deg TCA slip with chl+carb
BG10-101	280.49	280.50	0.01	Flt	carb+qtz+ank+chl+ oxy'd hem?	strng	75	start of wk carb+minor py zone
BG10-101	283.78	283.79	0.01	Flt	qtz+ank+carb+chl	strng	85	end of wk carb + minor py zone
BG10-101	301.60	301.61	0.01	Flt	carb+qtz+chl	weak	90	
BG10-101	318.90	318.91	0.01	Flt	chl+luec flecs		25	
BG10-101	320.30	320.31	0.01	Flt	chl+carb		45	

Hole_ID	From	To	Lith 1	Lith 2	Lithology Name	Colour1	Colour2	Grain Size 1	Grain Size 2	Text	Text	Description
BG10-01	0.00	21.50			Casing							21 to 21.5m boulders
BG10-01	21.50	39.46			Crystal Tuff	med green	dark green	fine	aph			as with units at start of holes for BG10-92, -94 and -101, non-magnetic; weak to strong carb alt'n; 5-10% pale white carb + calcite vn's predominantly at low angles; weak fol'n fabric; rounded -absorbed appearance irregular xeno's with fine to med pale beige-light brown feld pheno's - almost appears like a fine grained sed - or Conglomerate?; occasional appearance of iron black, euhedral, hard sometimes cubic x-stals - possible spinel? non-magnetic; **Shear - Flt Zone starts from 33.5 to 40.4 m with strong mud flt gouge at 39.35 to 39.46 m, shear is ductile non-penetrative frac fabric perv chl + ser mottled texture with feldspar pheno's, becomes perv carb+oxy'd hem? orange colouration from 37.9 to 39.1m with strong py + carb in frac's from 37.9 to 38.2m and 38.5 to 39m on HW of Flt - 20 Vein Extension? should be on FW side of Flt;** mud flt at contact with diorite at 45 deg TCA
BG10-01	39.46	40.63			Diorite	dk green		aph	fine			non-magnetic; 10% leuc flecs; strong ductile shear at 45 to 60 deg TCA immediately after Mud Gouge Flt; strong perv carb + chl; 5% discontinuous late carb+ank vn's; strong shear zone ends at 40.1m; sharp irregular contact at 40.63
BG10-01	40.63	41.45			Syenite	dk grey		aph				mafic syenite; strng perv carb; non-magnetic; broen core lower contact
BG10-01	41.45	53.50			Diorite	dk green		aph	fine			predominantly non-magnetic' strng perv carb alt'n + minor chl; 5-15% leuc flecs; 5-15% late qtz+carb and later white carb + calcite in frac's; *10cm wide carb + py vn at 46.8 to 46.9m;* strong cpy occurrences with occasional spec hem in late carb+calcite 0.25 to 4cm wide vnlets from 46.6 to 51.5m
BG10-01	53.50	54.80			Feldspar Porphyry	red brown	grey brown	aph	fine			possible FP; non-magnetic; perv carb; strong brittle frac'ing with carb+chl; 3-5% py diss and in frac's; sharp contacts with diorite
BG10-01	54.80	58.30			Diorite	dk green	med green	aph	fine			magnetic; strng perv carb; 10% late white carb vn'ing; negl py
BG10-01	58.30	61.15			Diorite Breccia	dk green	med green	aph	coarse			non-magnetic; aph matrix with irregular subrounded to subangular clasts - roof pendant appearance - clasts are moderately hard to soft and dk green to light green in colour -; unit does not have strng perv carb like previous unit, carb confined to late frac'ing ~5%; some calcite + carb vn'ing from 59.7 to 60.2m with 1-3% py; ***at 61.15 to 61.3 m Diorite Breccia + Diorite contact an 80% py carb vn at 50 deg TCA***
BG10-01	61.15	62.80			Diorite	med green		aph				non magnetic; negl py; **at 62.64 to 62.8m Diorite-Diorite Breccia contact a 16 cm carb+ank vn with 2mm to 7mm wide frac's having py + magnetite+ cpy, overall py at 5-7%**
BG10-01	62.80	69.00			Diorite Breccia	dk green	med green	aph	coarse			as with 58.3 to 61.15m; 15-20% pink - white late carb+calcite vn'ing with spec hem + py
BG10-01	69.00	73.93			Diorite							**as with previous Diorite Breccia - Diorite contacts 71.9m to 73.2m 10-15% py in carb + qtz+ ank vn'ing**
BG10-01	73.93	81.26			Syenite	dk green	dk grey brown	aph	fine			both upper & lower contacts with Diorite are sharp and > 65 deg TCA; non-magnetic; mod to strong perv carb alt'n and in mod density brittle frac's; 5% late white carb vn'ing
BG10-01	81.26	83.60			Diorite	dk green		aph				good shear from 82.6 to 83.5m; 82.6 to 82.8m FP
BG10-01	83.60	90.56			Feldspar Porphyry	dk mauve brown		fine	med			upper contacts at 45 to 50 deg TCA with chl+talc; bimodal; non-magnetic; strng perv carb; tabular feld pheno's show fabric fol'n 55 to 65 deg TCA; diorite, magnetic fro 83.9 to 84.71m; lower contact sharp, definitive at 85 deg TCA
BG10-01	90.56	136.50			Diorite	dk green		fine				strngly magnetic; strng to mod perv carb; mottled colour given by spotty epi alt'n; 5-10% late white carb vn'ing; occasional 100% magnetite stringers; weaker perv carb from 123m to 131m; variable sections within the diorite that precipitated more magnetite than others - some sections are non-magnetic; at 135.6m ser alt'n increases towards MH Zone, perv carb diminishes after 136m; lower contact with porphyry is sharp at 30 deg TCA, however muted by ser alt'n
BG10-01	136.50	149.70			Feldspar Porphyry	grey brown	red-brown	fine	med			non-magnetic unit; **immediately at contact MH Zones start 136.5 to 141.7m, 142.25 to 143.3m, 145.5 to 147m, Ito lesser extent 148.3 to 147.7m and continues into diorite with small intervals, MH Zone typified by strong fg & lesser mg py sometimes up to 25%, perv grey-white-bk blue hue sil ~25 to 55%, <2% late white qtz+ank stringers, py sometimes in frac's, fol'n fabric at 45 to 60 deg TCA but hard to discern, obliterated by sil alt'n, some sections have brick red oxy'd hem alt'n;** diorite unit from 140.7 to 140.9m 1-2% py
BG10-01	149.70	158.66			Diorite	dk green	grey green	aph	fine			magnetic except where perv sil alt'n; **MH Zones - intervals of brittle frac'ing with sil alt'n + hem oxy'd + py mineralization at 150.06 to 150.3m, 152.6 to 156.2, and 157.4 to 158.3m;** unit has perv carb alt'n; sharp lower contact at 65 to 75 deg TCA
BG10-01	158.66	171.00			Feldspar Porphyry	grey	grey green	aph	med			non-magnetic; bimodal; strng perv carb alt'n; <1% diss py in hairline frac's and in matrix; end of hole intersected wood - possible gangway in drift or shaft? ; FP is not mineralized or altered prior to wood intercept- EOH
BG10-02	0.00	18.70			Casing							

BG10-02	18.70	39.70			Crystal Tuff	med green	dark green	fine	aph			possible Cngl or Diorite Breccia; non-magnetic; perv carb + weaker chl alt'n + mild epi alt'n; occasional Late white-grey carb vn'ing <5% at various angles TCA; euhedral + cluster anhedral blebs of py in matrix or along frac's at 1%
BG10-02	39.70	43.50			Diorite	med green	med grey-green	aph	fine			non-magnetic; feld pheno's give mottled appearance; <5% late white carb vn'ing; lower contact at 20 deg TCA
BG10-02	43.50	44.55			Crystal Tuff	med green	dark green	fine	aph			as with 18.70 to 39.7m; lower gradational contact looks like a crackled version of diorite which supports calling this unit a diorite breccia
BG10-02	44.55	57.20			Diorite	med green	grey green	fine	aph			strngly magnetic where unaltered; strng perv carb alt'n; *Shear Zone starts at 47m to 63.7m with a 3 cm wide mud gouge Flt at 57.25m, some shear sections with increased carb+ carb+qtz+ank vn'ing, minor ser + minor py and cpy,* 55.7 to 56.05m syenite dyke; lower contact of diorite in contact with syenite at mud gouge flt at 20 deg TCA
BG10-02	57.20	63.00			Syenite	dk grey	brown grey	aph	fine			non-magnetic; mod perv carb alt'n; augites are chl; sections show fol'n fabric sometimes shear planes with qtz+ank+carb vn'ing + minor py, splash of cpy, mod section from 61.5 to 62m; strong alteration 30 cm within mud flt but negl py; diorite from 62.1 to 62.3m; lower contact sharp & definitive at 60 deg TCA
BG10-02	63.00	75.30			Diorite	dk green	light green	aph	fine			sections are magnetic and non magnetic; weak to strong perv carb; intervals with strong perv pale pink brown sil? alt'n with strong qtz+ank+carb vn'ing at 71.26 to 72.7m, 73.75 to 74.1m - alteration fronts have sharp definitive & gradational contacts, py is minimal confined to frac's; irregular contact with FP
BG10-02	75.30	77.80			Feldspar Porphyry	pale brown	pale pink brown	aph	med			non-magnetic; weak bimodal feld phen's; strong fol'n fabric; 15-25% late qtz+ank+carb vn'ing; 75.45 to 75.8m sheared possible diorite with 30% late pale white qtz+ank+carb hydrothermal bx vn'ing fg py in hairline frac's in carb section; 77.1 to 77.4m strong grey perv carb alt'n with 8-10% fg py; irregular lower contact
BG10-02	77.80	90.57			Diorite	dk green	med green	aph	fine			non-magnetic where altered; otherwise weak to strongly magnetic 78.5 to 79.05m an opaque pale grey-white 95% qtz+ank+carb vn with chl frac's & negl py followed by and up to 79.7m an sil perv pink brown alt'n front with 35-40% late qtz+ank and grey qtz negl py; after 79.7m unit strongly magnetic 5-15% late grey carb vn'ing + perv carb alt'n; lower contact with FP sharp and definitive at 30 deg TCA; lower contact at 35 deg TCA
BG10-02	90.57	96.87			Feldspar Porphyry	grey red brown		aph	coarse			non-magnetic, bimodal; perv carb alt'n; 70 deg TCA shear section between 94.4 to 94.6m with ser+chl alt'n + two 1cm qtz vn's; negl mineralization; feld pheno's show fabric fol'n; lower contact irregular
BG10-02	96.87	152.37	13c		Diorite	dk green	olive green	aph	fine			magnetic; 5- 20% late white opaque carb & carb+epi vn'ing; perv carb alt'n up to 107 m; 107 m to 153.2m predominantly non-carb except confined to late carb vn's stringers or spotty in sections; perv epi alt'n mod to strong in sections; occasional stringers & vn's of 100% magnetite; 152.37 to 152.97 open seam (fault or opening?) unaltered diorite, becomes blocky + short sections (5-15 cm) of rubble from 153.15 to 153.34 and 153.9 to 154m; **153.3 to 156.1m and 157.55 to 159.1m PY+ Carb Zones with immediate strng perv carb giving pale brown colour to matrix; 3-20% py and py carb vn's, 70% py from 155.04 to 155.15m, Zones attributed to stronger brecciation + brittle frac'ing in unit, weak flt-slip at 157.55 at 70 deg TCA and brecciation at 161.2 to 161.4m; from 184.6 to 186.9m Shear Zone controlling another Carb+Sil+Py Zone with dk blue-grey sil core from 185.8 to 186.3m with 5-15% py;** blocky grnd from 187.4 to 189.9m; beyond 200m unit is non carb alt'd except in late white carb vnlets; FP dyklet at 228.78 to 228.82m; 241.15 to 245m shear zone with inclusions of strnger magnetic diorite?; from 242 to 242.3, 243 to 243.4, and 245.57 to 245.7m inclusions of fg wacke? having discont stress qtz vnlets + py, non magnetic and magnetic; magnetic diorite at end of hole ~1% fg leuc flecs
BG10-02	152.37	152.97	150		Stope							open seam or fault opening?
BG10-02	152.97	263.00	13c		Diorite	dk green	olive green	aph	fine			263 EOH
BG10-03	0.00	2.05	100		Casing							
BG10-03	2.05	16.88			Feldspar Porphyry	light grey	pale beige	med	aph			non-magnetic; early predom high angle hairline fractures penetrative to non-pentrative with opaque qtz; feldspars usually tabular <0.3 cm in length pale opaque white to pale green sometimes soft; **from 4.15 to 4.65 m py filled fractures at 55 to 60 deg TCA (overall approx 5-7% py) with a 1 cm vein at 4.65 m with 80% py - no associate strong structure, may see this zone at surface near drill collar - rusty area**; from 14.1 to 14.3 m fracturing at 25 to 30 deg TCA with qtz <0.5 cm wide, at 14.2 to 14.3 m & 16.68 to 16.64 m med to pale green FP irregular contacts possibly earlier due to chl alt'n and soft matrix, contacts are sharp usually stronger qtz + py fracturing near contacts ; lower contact irregular & sharp

BG10-03	16.88	22.40			Conglomerate	med green	light green	fine	aph			or Intermediate Flow Bx or Trachyte; irregular upper contact and sharp; non-magnetic; earlier Diorite? ; unit is highly altered chl+ser+fuchsite + qtz in fractures, feldspar pheno's sometimes replaced by py or fuchsite or chl; py occurs in occasional 1-2 mm fractures at 30 to 45 deg TCA; moderate (15%) hydrothermal qtz bx from 17.1 to 18.8 m and approx 3-5% py in fractures from 18.4 to 18.8 m; 19.6 m 0.75 cm vein with 80% py in qtz; lower contact sharp possibly along micro fault-slip at 10 deg TCA
BG10-03	22.40	24.00			Feldspar Porphyry	light pink-grey		med	aph			as with unit from 2.05 to 16.88 m although unit shows stronger (20%) non-penetrative to penetrative stress fractures with white opaque qtz with late hairline fractures filled with chl+py+grey qtz; 22.9 to 23.4 m flt slip at 0-5 deg TCA with strong qtz + ank or albite on margin; <1% diss py in matrix; sharp lower contact at 60 deg TCA with 1 cm qtz vein at contact
BG10-03	24.00	25.30			Conglomerate	light grey	med pale green	med	aph			or Intermediate Flow Aggl; shows bleached appearance at contact non-mag; strong brittle fracturing with chl; perv chl alt'n gives weak mottled appearance; 1-3% diss and replacement py; <1% overall py in fractures <2mm wide; sharp lower contact at 65 deg TCA
BG10-03	25.30	25.58			Diorite	dk grey	pale dk grey	aph	fine			possible diorite; very hard, siliceous; fine speckled diorite texture in places; non-mag; negligible py; narrow 1-3 mm wide qtz vein with 1% py; sharp lower contact
BG10-03	25.58	27.41			Conglomerate	light grey	med pale green	med	aph			as with 24 m to 25.3 m; <1mm amorphous qtz x-stal groundmass; strong silica alteration; strong brittle network fracturing with chl & rare qtz+py+minor po; <2% opaque qtz/ank veining; 25.95 to 26.15 m and 26.88 to 27 m Mafic Intrusives or sharp flow layers (fine grained) sharp contacts at 65 to 75 deg TCA; FP from 27.13 to 27.26 m
BG10-03	27.41	30.53			Feldspar Porphyry	light pink-grey		med	aph			non-magnetic; washed appearance due to silica; strong brittle non-penetrative and penetrative fracturing with white opaque qtz (15-20%); 1-5% diss euhedral py in matrix, rare py in fractures except **from 29.53 to 30.6m overall 10-15% py with 90% anhedral py in qtz + ank from 29.82 to 30 m and occasional py in <3mm fractures;** mineralization ends at lower contact, sharp at 30 deg TCA
BG10-03	30.53	34.5			Conglomerate	pale grey green	pale light brown	med	aph			sub angular clasts? flow top?; occasional 2 to 10 mm veining with qtz + py + alb or ank, veining has silica bleaching on margins sometimes wide; lower contact sharp with bleaching and py in 1-2 mm fractures; contact at 5 to 10 deg TCA
BG10-03	34.50	38.83			Feldspar Porphyry	light pink-grey		med	aph			as with 27.53 to 30.53 m unit 15-20% opaque white qtz in stress fractures and slips at 45 deg TCA
BG10-03	38.83	77.90			Conglomerate	med green-grey	pale light gree	med	aph			Int. Flow Aggl or Trachyte; non-magnetic; poorly sorted mix of hetero sub-rounded clasts of identifiable FP and others in a aph matrix; possible Trachytic Extrusive best seen between 39.5 to 40 m; unit shows weak to strong fabric with penetrative & non-penetrative brittle fracturing in high strain sections; **51.75 to 71.8 m strong pervasive silica + ser alt'n, mod to strong brittle fracturing generally at 40 to 50 deg TCA with local sections of strong py at 51,92 m, 62.6-62.9 m and with occasional flt-slips sometimes having mo+py+cpy, from 65 to 66.6 m cpy occurs in 1mm qv's & flt's with mo - if zone returns favourable assays would be a good zone to follow-up with drilling** ;57.2-57.42 m Flesic Dyke pale brn- grey-beige 65-70 deg TCA; after 71.8 m alt'n wanes in & out around flt'ing & veining from weak to mod; 72.8 to 77.9 occasional diss spinel overall ~1% - non magnetic, very hard iron black in colour; 3cm vein bx at faulted, irregular lower contact with py
BG10-03	77.90	78.22			Felsic Dyke	light grey-grn		fine	aph			sharp contacts irregular upper contact, sharp lower contact at 70 deg TCA; both contact are fault bound;
BG10-03	78.22	97.72			Conglomerate	med green-grey	light grn-grey	med	aph			Int Flow Aggl or Trachyte; chl+sil+ser alt'n give fine mottled appearance with oval to round qtz in amygdules?; corroded & subrounded clasts? In occasional sections sometimes large clasts; high strain area with 30 to 45 deg TCA fabric fol'n starting from 90 m to 97.92; numrous hairline frac's and slips; white opaque qtz+minor ank in areas of high strain-fracturing; possible pink Felsic Dyke from 90.5 to 90.63 m or large clast; Felsic Dyke from 95.96 to 96.05 m
BG10-03	97.72	100.36			Intermediate Volcanic Agglomerate	pale green grey		fine	aph			possible same as above unit but highly silicified; sharp high angle Upper Contact 85 deg TCA; matrix is hard sil+ser alt'n;fine amorphous feld? pheno's?; unit is strained with strong frac's+85% qtz+minor ank+py+chl+ser from 98.6 to 99 m 35 to 55 deg TCA
BG10-03	100.36	117.67			Conglomerate	med green-grey		med	aph			possible jasper pebble at 115.8 m; non-magnetic; unit shows fabric weak to moderate 30 to 55 deg TCA; pervasive chl+sil+ser alt'n give fine mottled appearance; corroded & subrounded clasts - roll-over appearance; overall 10% qtz veining; some sections with spinel like xstals gravity settling out or in clusters; occasional hairline slips with qtz+ank on margins; 1% diss euh py; rare frac's with py - ussualy narrow and not related to major structures
BG10-03	117.67	118.90			Intermediate Volcanic	med green		fine	aph			non-magnetic; mod hard; chl amygdules give mottled appearance; possible Int. Dyke; sharp contacts usually assoc. with fault slips, veining and minor py; pervasive chl + wk silica; does not react to HCl; <1% py in frac's; <5% qtz+alb veinlets

BG10-03	118.90	120.08			Conglomerate	med green		med	fine			strong chl alt; strong brittle frac'ing
BG10-03	120.08	125.72			Intermediate Volcanic	med green	beige grey-brown	fine	aph			non-magnetic; mod hard; chl amygdules give mottled appearance; possible Int. Dyke; sharp contacts usually assoc. with fault slips, veining and minor py; pervasive chl + wk silica; does not react to HCl; <1% py in frac's; <5% qtz+alb veinlets; overall 10-15% cream coloured opaque qtz+alb veining
BG10-03	125.72	126.07			Conglomerate	med green						
BG10-03	126.07	127.20			Intermediate Volcanic	med brown	light green	fine				sharp Upper contact at 60 deg TCA with 1 cm qtz+alb vein; hard matrix; mottled appearance due to chl amygdules; possible Int. Dyke; tr py
BG10-03	127.20	140.48			Conglomerate	med green		coarse	aph			non-magnetic; perv mod chl + mod silica + wk ser alt'n; foliation fabric is weak but sometimes displays sections of mod to strong shearing specifically 139 to 140.4 m; overall 5-10% qtz+alb vn's; occassional flt-slips; **major fault structure from 127.2 to 127.5 m - flt bx at 75 deg TCA**; at 132.23 m 3 cm wide qv + alb at 55 deg TCA with 5% py; 132.74 to 132.82 m - Int. Dyke or Volcanic
BG10-03	140.48	140.63			Intermediate Volcanic	med green	beige grey-brown	aph				possible Int Dyke; irregular contact
BG10-03	140.63	179.10			Conglomerate	med green		coarse	aph			non-magnetic;matrix is perv carb - reacts wildly to HCl + chl + minor ser alt'n
BG10-03	179.10	180.40			Feldspar Porphyry	dark mauve grey		aph	med			irregular sharp contacts, no chill margins evident; strng perv carb; non-magnetic
BG10-03	180.40	183.70			Conglomerate	med green		coarse	aph			non-magnetic;matrix is perv carb - reacts wildly to HCl + chl + minor ser alt'n
BG10-03	183.70	184.27			Feldspar Porphyry	dark mauve grey		med				irregular sharp contacts, no chill margins evident; strng perv carb; non-magnetic
BG10-03	184.27	186.90			Conglomerate	med green						
BG10-03	186.90	188.10			Feldspar Porphyry	dark mauve grey						irregular contact; sharp - no chill or alt'n margins
BG10-03	188.10	219.20			Conglomerate	med green						196.7 to 198.5 m brittle frac zone with strong ser+carb matrix; 15% carb+qtz+alb; blocky grnd 186.9 to 193 m and 209.5 to 219.8
BG10-03	219.20	219.80			Feldspar Porphyry	dark mauve grey						
BG10-03	219.80	225.90			Conglomerate	med green	light grey	med	aph			224.75 to 225.9 m mod fabric fol'n at 55 to 65 deg TCA; mod bleaching with ser+carb
BG10-03	225.90	230.00			Feldspar Porphyry	med brown		fine	aph			upper & lower contacts at 55 and 45 deg TCA respectively having slips with thin qtz+carb+chl
BG10-03	230.00	269.65			Conglomerate	med green	light grey	med	aph			unit reveals weak to mod carb, where carb is weak, *silica alt'n increases- transition to silica alteration for remainder of drillhole* ; frequent qtz+alb opaque dull white veins 0.25 to 0.7 cm in width at predom high angles overall approx 10%; 1-2% diss py euhedral fine to med grained xstals in matrix, occasional slips with spec hem with cc vn's; 259.9 to 261 m late opaque creamy white hydrothermal bx 60% silica; blocky grnd from 238.7 m to 243m and from 249 to 254.5 m poor recovery, bad ground; blcky grn 264 to 271.5 m
BG10-03	269.65	270.50			Quartz Feldspar Porphyry	pale red		med	aph			sharp upper contact broken; feldspar and translucent quartz pheno's; 5% late qtz vn's; lower contact irregular
BG10-03	270.50	274.30			Conglomerate							
BG10-03	274.30	276.00			Feldspar Porphyry	dk grey brown		med	aph			upper contact at 50 deg TCA; sharp lower contact broken; 1% diss euhedral py, non-magnetic; sil;
BG10-03	276.00	278.50			Conglomerate	med green		coarse	aph			non-magnetic; siliceous, no reaction to HCl;
BG10-03	278.50	280.18			Feldspar Porphyry	dk grey brown		fine	aph			<1% diss py in matrix; non-magnetic; brittle micro fracturing with qtz+alb+chl; sharp lower contact 60 deg TCA
BG10-03	280.18	281.90			Conglomerate	med green	light green	fine	med			semi hard matrix; non-magnetic; strong alteration with clasts corroded or absorbed, appears to have been altered by ser+chl with later" silica overprint, no reaction to HCl; brittle frac's with spec hem+chl+qtz, overall 2-5% hem; 5% qtz+ank vn's; lower contact at 10 deg TCA with 1 cm wide qtz+ank vein with 30% f.g. py and 50% hem
BG10-03	281.90	282.28			Feldsic Dyke	beige brown	med green	aph	fine			possoble Feld Por.; hard matrix; minor brittle frac's with hem
BG10-03	282.28	283.64			Conglomerate	med green	light green	fine	med			as with 280.18 to 281.9 m; upper contact irregular, lower contact 85 deg TCA
BG10-03	283.64	298.30			Feldspar Porphyry	med mauve grey	pale brown	med	aph			bimodal feldspar pheno's; 283.64 to 285.5 m silica+ser+chl alteration with brittle frac's penetrative and non penetrative, 3-5% py in frac's from 283.64 to 284.3 m; spec hem in frac's after that with minor py to 285.5; after 285.5 m unaltered massive FP with few late qtz vn's until 297.5m to 298.3 m where Kspar+silica+ser+chl alt'n increase close to litho contact

BG10-03	298.30	312.75			Conglomerate	med grey green		med				as with 280.18 to 281.9 m; ***possible 21 Vein Target Zone? (21V typified by blue qtz veins - zone in core typical of Moffat Hall Zone) from 299.45 to 301.3 m, strong brittle frac'ing with late 15-25% qtz+alb+ank veining (some fuschite in places), strong shear 40 deg TCA from 300.75 to 301.1 m with 5-7% f.g.diss py with Kspar+qtz+ank+chl+ser+hem feldspar por at 300.92 to 301m- sulphide mineralization not as strong s zone further downhole, approx 1-3% hem in frac's;*** after 301.4 m unit still strongly alt'd with brittle frac's with hem+chl+qtz+ank, sometime with flourite
BG10-03	312.75	351.70			Feldspar Porphyry	med orange brown	pale yellow green-brown	med	aph			non-magnetic; perv sil+hem or Kspar+weak to mod ank altn (reaction to blue juice) + wk ser with chl + qtz in strong brittle frac's, in areas of strong shearing ser+sil+chl+rare fuschite with f.g py; overall <5% late opaque qtz+ank vn's increasing in areas of shearing; overall unit is strongly frac'd (brittle frac's)ranging from 35 to 55 deg TCA; 1-5% diss py in matrix and in frac's, stronger py in shear high alt'n zones, 3-5% spec hem with frac's and on margins of qtz+ank veins; ***325-326.25 and 334.4 to 337 m highly siliceuos zones with 7-10% py in frac's, with veins and in matrix; 339.9 to 346.3 m strong alt'n+shear zone 25 to 45 deg TCA with 341.2 to 341.6 m dk grey qtz with coarse to fine visible gold & mo in 40 to 55 deg TCA frac's, 341.6 to 342.4m having 10-15% f.g.py along shear planes with 5% dk grey qtz; dk grey qtz more like descriptions of 21 Vein;*** 346 to 353.7 m strong leuc alt'n
BG10-03	351.70	353.70			Monzonite	light grey		fine				homogenous med grey translucent to off-white opaque feldspar xstals, very little visible qtz; salt & pepper appearance; perv sil+weak ank+strong leuc flecs; 3-5% overall py in matrix and frac's; if assays are good, may need to extend hole.
BG10-03	353.75	426.60	13c		Diorite	med gy	gy-pur	med				25%-60% pk-pa gy feld in chl-after horn?phenos w 5%; v highly mag-except where bl'd/min'd; no epi; competent-RQD=90; 1% leucoxene locy conc where min'd; spec hem locy; 2% q-ank vn's gen @30+60; trailing ct flt; first 0.2m v hily bl'd-could be alt'd por/sy; min'd @372.7-372.9, 384.2-384.4,
BG10-03	426.60	427.95			Intermediate Dyke	med gn		aph				10% dk gn chlc pheno's? in olive gnnon mag; competent; non cbd; shrp nat trailing ct@52
BG10-03	427.95	442.40	13c		Diorite	med gy	gy-pur	med				25%-60% pk-pa gy feld in chl-after horn?phenos w 5%; v highly mag-except where bl'd/min'd; no epi; competent-RQD=90; 1% leucoxene locy conc where min'd; spec hem locy; 2% q-ank vn's gen @30+60; min'd @ 428.4-428.7
BG10-04	0.00	1.6	100		Casing							
BG10-04	1.60	16.45	QP		Quartz Porphyry	buff-wt	buff-gn	cse				same unit as at Boundary Zone; no feldspar visible;competent (RQD=90); non cbd; non mag; 1% sil-chl+q-ank vn's to 1/8" gen @45; 1-3% cse d py locy conc, locy assd w chl-sil; v shrp nat trailing ct@74; min'd@16.2-16.45
BG10-04	16.45	19.20			Intermediate Dyke	buff	pa gn-y	fine				10% dk gn chlc pheno's?+ 30% qtz phenos? in pa olive-y gn; non mag; competent; non cbd; shrp nat trailing ct@33
BG10-04	19.20	23.00	8a		Conglomerate	dk gn	gy-gn	cse				could be porphyry that has swallowed country rock; 20% rounded clasts to 0.1m; poorly sorted; 60% of which felsic intr clasts; dk gy-gn matrix contains 20% qtz-dirty por?; non magnetic; non cbd; indistinct trailing ct; min'd@19.2-20.2
BG10-04	23.00	27.10			Intermediate Dyke	buff	pa gn-y	fine				10% dk gn chlc pheno's?+ 30% qtz phenos? in pa olive-y gn; non mag; competent; non cbd; shrp nat trailing ct@57
BG10-04	27.10	31.60	QP		Quartz Porphyry	buff-wt	buff-gn	cse				same unit as at Boundary Zone; no feldspar visible;competent (RQD=90); non cbd; non mag; 1% sil-chl+q-ank vn's to 1/8" gen @45; 1-3% cse d py locy conc, locy assd w chl-sil; v shrp nat trailing ct@55; min'd@27.1-27.15
BG10-04	31.60	32.30			Intermediate Dyke	buff	pa gn-y	fine				10% dk gn chlc pheno's?+ 30% qtz phenos? in pa olive-y gn; non mag; competent; non cbd; shrp nat trailing ct@37; all min'd
BG10-04	32.30	41.95	QP		Quartz Porphyry	buff-wt	buff-gn	cse				same unit as at Boundary Zone; no feldspar visible;competent (RQD=90); non cbd; non mag; 1% sil-chl+q-ank vn's to 1/8" gen @45; 1-3% cse d py locy conc, locy assd w chl-sil; v shrp nat trailing ct@27; min'd@27.1-27.15
BG10-04	41.95	54.15	8a		Conglomerate	dk gn	gy-gn	cse				could be porphyry that has swallowed country rock; 20% rounded clasts to 0.1m; poorly sorted; 60% of which felsic intr clasts; dk gy-gn matrix contains 20% qtz-dirty por?; non magnetic; non cbd; flt trailing ct;
BG10-04	54.15	69.50			Intermediate Dyke	buff	pa gn-y	fine				10% dk gn chlc pheno's change to fuschitic?+ 20% qtz phenos? in pa olive-y gn; non mag; competent; non cbd; shrp nat trailing ct@28;min'd@54.15-54.25, 55.7-57.5, 59.8-60., 66.0-67.4
BG10-04	69.50	82.75	8a		Conglomerate	dk gn	gy-gn	cse				could be porphyry that has swallowed country rock or tuff; 20% rounded clasts to 0.1m; poorly sorted; 60% of which felsic intr clasts; dk gy-gn matrix contains 20% qtz-dirty por?; non magnetic; non cbd; shrp nat trailing ct@32; min'd @72.2-72.8, 74.6-74.7
BG10-04	82.75	83.60	5f		Ash Tuff	pur	pur-gy	med	fine			no bedding/jaspers; not cbd; non mag; competent-RQD=80; 5% cse py @ ct's; shrp nat trailing ct@17; homogeneous

BG10-04	83.60	87.05	8a		Conglomerate	dk gn	gy-gn	cse				could be porphyry that has swallowed country rock or tuff; 20% rounded clasts to 1"; poorly sorted; dk gy-gn matrix contains 20% qtz-dirty por?; non magnetic; non cbd;shrp nat trailing ct@37; 30% pa gn-y alt'n
BG10-04	87.05	87.65	5f		Ash Tuff	pur	pur-gy	med	fine			no bedding/jaspers; not cbd; non mag; competent-RQD=80; shrp nat trailing ct@59; homogeneous; min'd @87.05-87.1
BG10-04	87.65	99.10	8a		Conglomerate	dk gn	gy-gn	cse				could be porphyry that has swallowed country rock or tuff; 20% rounded clasts to 1"; poorly sorted; 60% of which felsic intr clasts; dk gy-gn matrix contains 20% qtz-dirty por?; non magnetic; non cbd; shrp nat trailing ct@42; 10% q-ank to 0.1m; min'd@91.8-92.0
BG10-04	99.10	103.20	5f		Ash Tuff	pur	pur-gy	med	fine			no bedding/jaspers; not cbd; 5% q-ank vn's to 1/4" @20 gen; locy wy mag; competent-RQD=80; 1% cse d py locy conc; shrp nat trailing ct @45; bedding @43
BG10-04	103.20	105.50	8a		Conglomerate	dk gn	gy-gn	cse				could be porphyry that has swallowed country rock or tuff; 20% rounded clasts to 0.1m; poorly sorted; dk gy-gn matrix contains 20% qtz-dirty por?; non magnetic; non cbd; shrp nat trailing ct@32;
BG10-04	105.50	108.95	5f		Ash Tuff	pur	pur-gy	med	fine			no bedding/jaspers; not cbd; 5% q-ank vn's to 1/4" @20 gen; locy wy mag; competent-RQD=80;min'd@105.5-106.0, 108.85-108.95; 1% cse d py locy conc; shrp nat trailing ct @37;
BG10-04	108.95	117.00	8a		Conglomerate	dk gn	gy-gn	cse				could be porphyry that has swallowed country rock or tuff; 20% rounded clasts to 0.1m; poorly sorted;dk gy-gn matrix contains 20% qtz-dirty por?; non magnetic; non cbd; shrp nat trailing ct@59; min'd @116.8-117.0
BG10-04	117.00	121.10	5f		Ash Tuff	pur	pur-gy	med	fine			no bedding/jaspers; not cbd; 5% q-ank vn's to 1/4" @20 gen; locy wy mag; competent-RQD=80; 1% cse d py locy conc; shrp nat trailing ct @28;
BG10-04	121.10	179.70	8a		Conglomerate	dk gn	gy-gn	cse				could be porphyry that has swallowed country rock or tuff or "diorite bx"; 20% rounded clasts to 0.1m; poorly sorted; dk gy-gn matrix contains 20% qtz-dirty por?; non magnetic; non cbd; shrp nat trailing ct@29; min'd@131.6-131.8, 132.5-132.8, 134.0-134.1
BG10-04	179.70	180.60	QFP		Quartz Feldspar Porphyry	red-br	br	med				non-magnetic, non cbd; 10% qtz+10% feld pheno's; fresh; 1% cse d py; 2% med gy xeno's-almost syenite; shrp nat trailing ct@64; competent-RQD=90
BG10-04	180.60	191.35	8a		Conglomerate	dk gn	gy-gn	cse				could be porphyry that has swallowed country rock or tuff or "diorite bx"; 20% rounded clasts to 0.1m; poorly sorted;dk gy-gn matrix contains 20% qtz-dirty por?; non magnetic; non cbd; shrp nat trailing ct@28;
BG10-04	191.35	192.45	5f		Ash Tuff	pur	pur-gy	med	fine			no bedding/jaspers; not cbd; non mag; competent-RQD=80; 1% cse d py locy conc; shrp nat trailing ct @33; 2% rounded blk up to 1/2" lapillis
BG10-04	192.45	196.20	8a		Conglomerate	dk gn	gy-gn	cse				could be porphyry that has swallowed country rock or tuff or "diorite bx"; 20% rounded clasts to 0.1m; poorly sorted; dk gy-gn matrix contains 20% qtz-dirty por?; non magnetic; non cbd; shrp nat trailing ct@43; min'd@193.8-193.9
BG10-04	196.20	198.15	QFP		Quartz Feldspar Porphyry	red-br	br	med				non-magnetic, non cbd; 10% qtz+10% feld pheno's; fresh; 1% cse d py; 2% med gy xeno's-almost syenite; shrp nat trailing ct@50; competent-RQD=90
BG10-04	198.15	208.30	8a		Conglomerate	dk gn	gy-gn	cse				could be porphyry that has swallowed country rock or tuff or "diorite bx"; 20% rounded clasts to 0.1m; poorly sorted; dk gy-gn matrix contains 20% qtz-dirty por?; not too competent-RQD=50; non magnetic; non cbd; shrp nat trailing ctin BC;
BG10-04	208.30	208.50	QFP		Quartz Feldspar Porphyry	red-br	br	med				mody magnetic, non cbd; 10% qtz+10% feld pheno's; fresh; 1% cse d py; 2% med gy xeno's-almost syenite; shrp nat trailing ct@55; competent-RQD=90
BG10-04	208.50	211.50	8a		Conglomerate	dk gn	gy-gn	cse				could be porphyry that has swallowed country rock or tuff or "diorite bx"; 20% rounded clasts to 0.1m; poorly sorted; dk gy-gn matrix contains 20% qtz-dirty por?; non magnetic; not too competent-RQD=50; non cbd; shrp nat trailing ct@49; min'd@
BG10-04	211.50	213.80	5f		Ash Tuff	pur	pur-gy	med	fine			no bedding/jaspers; not cbd; non mag; competent-RQD=80; 1% cse d py locy conc; shrp nat trailing ct @18; 2% rounded blk up to 1/2" lapillis
BG10-04	213.80	226.30	8a		Conglomerate	dk gn	gy-gn	cse				could be porphyry that has swallowed country rock or tuff or "diorite bx"; not too competent-RQD=30; 20% rounded clasts to 0.1m; poorly sorted; dk gy-gn matrix contains 20% qtz-dirty por?; non magnetic; non cbd; shrp nat trailing ct in BC; min'd@
BG10-04	226.30	228.60	QFP		Quartz Feldspar Porphyry	red-br	br	med				wy magnetic, non cbd; 10% qtz+10% feld pheno's; fresh; 1% cse d py; 2% med gy xeno's-almost syenite; shrp nat trailing ct@69; NOT competent-RQD=10
BG10-04	228.60	233.30	8a		Conglomerate	dk gn	gy-gn	cse				could be porphyry that has swallowed country rock or tuff or "diorite bx"; 20% rounded clasts to 0.1m; poorly sorted; dk gy-gn matrix contains 20% qtz-dirty por?; hily bl'd downhole; non magnetic; competent-RQD=70; non cbd; flt trailing ct; min'd@
BG10-04	233.30	236.50	5f		Ash Tuff	pur	pur-gy	med	fine			no bedding/jaspers; not cbd; non mag; hily bl'd w 5% q-ank; competent-RQD=60; 1% cse d py locy conc; shrp nat trailing ct @39; 2% rounded blk up to 1/2" lapillis
BG10-04	236.50	238.30	QFP		Quartz Feldspar Porphyry	red-br	br	med				non-magnetic, non cbd; 10% qtz+10% feld pheno's; fresh; 1% cse d py; 2% med gy xeno's-almost syenite; shrp nat trailing ct@42; competent-RQD=90
BG10-04	238.30	245.20	13c		Diorite	dk gy	gy-gn	med				25%-45% pk-pa gy feld in chl-after horn?phenos; non mag; not competent-RQD=40; trailing ct shrp nat in BC;

BG10-04	245.20	246.80	QFP		Quartz Feldspar Porphyry	red-br	br	med				non-magnetic, non cbd; 10% qtz+10% feld pheno's; 1" blk ang xeno; fresh; 1% cse d py; shrp nat trailing ct@56; not competent-RQD=20
BG10-04	246.80	265.25	13c		Diorite	dk gy	gy-gn	med				25%-45% pk-pa gy feld in chl-after horn?phenos; non mag except hily mag@261.0-265.25 where it is dark grey; not competent-RQD=40; trailing ct shrp nat @62; hily bl'd@249.0-252.0 centred on 0.2m q-ank 2% q-ank; locy bx; hily cbd
BG10-04	265.25	265.40	QFP		Quartz Feldspar Porphyry	red-br	br	med				non-magnetic, non cbd; 10% qtz+10% feld pheno's; 1" blk ang xeno; fresh; 1% cse d py; shrp nat trailing ct@35; competent-RQD=80
BG10-04	265.40	283.45	13c		Diorite	dk gy	gy-gn	med				25%-45% pk-pa gy feld in chl-after horn?phenos; hily mag; competent-RQD=70; trailing ct shrp nat @86; 1% q-ank vn@30; hily cbd
BG10-04	283.45	284.30	QFP		Quartz Feldspar Porphyry	red-br	br	med				magnetic, non cbd; 10% qtz+10% feld pheno's; fresh; 1% cse d py; shrp nat trailing ct@56; competent-RQD=80
BG10-04	284.30	288.90	13c		Diorite	dk gy	gy-gn	med				25%-45% pk-pa gy feld in chl-after horn?phenos; mody mag; competent-RQD=60; trailing ct flt; hily cbd
BG10-04	288.90	292.20	QFP		Quartz Feldspar Porphyry	red-br	br	med				non-magnetic, non cbd; 10% qtz+10% feld pheno's; alt'd-wy hem'd+sil'd; 1% cse d py; shrp nat trailing ct@66; 1-2% q-ank vn's; competent-RQD=80; min'd @288.9-289.0, 291.5-291.6
BG10-04	292.20	299.40	13c		Diorite	dk gy	gy-gn	med				25%-45% pk-pa gy feld in chl-after horn?phenos; non mag; competent-RQD=90; trailing ct shrp nat @64; hily cbd
BG10-04	299.40	309.00	BP		Bimodal Porphyry	br-red	pur-buff	cse				fresh; competent-RQD=90; non mag; 10% 1/4"euhedral feld phenos+30%feld +10%qtz 1/8" phenos; non cbd; homogeneous; trailing ct is shrp nat@40
BG10-04	309.00	329.90	13c		Diorite	dk gy	gy-gn	med				25%-45% pk-pa gy feld in chl-after horn?phenos; mody mag; 5% bx frag's of br-red por locy conc up-hole; competent-RQD=90; trailing ct shrp nat @25; hily cbd; 3% spec hem
BG10-04	329.90	332.80	QFP		Quartz Feldspar Porphyry	red-br	br	med				non magnetic, non cbd; 10% qtz+10% feld pheno's;alt'd wy; 1% cse d py; competent-RQD=80; 15% bullish q-ank to 3/4"@5-10+75 homogeneous; trailing ct is shrp nat@68
BG10-04	332.80	343.60	13c		Diorite	mauve	pa gy	med				25%-45% pk-pa gy feld in chl-after horn?phenos; hily mag; competent-RQD=90; trailing ct shrp nat @25; hily cbd; 3% cse d+vn'd py locy conc; mauve alt'n
BG10-04	343.60	369.40	QFP		Quartz Feldspar Porphyry	red-br	br	med				could be syenite with por portions; non magnetic, non cbd; 10% qtz+10% feld pheno's;hily alt'd-esp @min'd areas where 10% med gy qtz frag's+hily hem'd+10% cse d + f d py; min'd @343.5-346.5, 356.7-369.7; 3-5% cse d py locy conc; competent-RQD=90; heterogeneous; trailing ct is shrp nat@57 is indistinct
BG10-04	369.40	372.10			Intermediate Dyke	buff	pa gn-y	fine				10% dk gn chlc pheno's?+ 30% qtz phenos? in pa olive-y gn; non mag; competent; non cbd; indistinct trailing ct; 5% q-ank; min'd @369.4-369.6
BG10-04	372.10	373.10	QFP		Quartz Feldspar Porphyry	red-br	br	med				could be syenite with por portions; non magnetic, non cbd; 10% qtz+10% feld pheno's;hily alt'd-esp @min'd areas where hem'd+3% cse d; competent-RQD=90; heterogeneous; trailing ct is shrp nat@57
BG10-04	373.10	375.00			Intermediate Dyke	buff	pa gn-y	fine				10% dk gn chlc pheno's?+ 30% qtz phenos? in pa olive-y gn; non mag; competent; non cbd; shrp nat trailing ct@20; 5% q-ank; 5% dk gy q frag's w 2% spec+2% f d py; min'd @3373.7-373.9, 374.8-375.0
BG10-04	375.00	378.25	QFP		Quartz Feldspar Porphyry	red-br	br	med				could be syenite with por portions; non magnetic, non cbd; 10% qtz+10% feld pheno's;hily alt'd-esp @min'd areas where 10% med gy qtz str's+hily hem'd+ hily sil'd+10% cse d +10% f d py-all@gen 55; min'd throughout; competent-RQD=90; trailing ct is shrp nat@40 is hily sil'd
BG10-04	378.25	379.25			Intermediate Dyke	buff	pa gn-y	fine				10% dk gn chlc pheno's?+ 30% qtz phenos? in pa olive-y gn; non mag; competent-RQD=90; non cbd; shrp nat trailing ct@25; 5% q-ank; min'd throughout; shr'd-all ser-chl
BG10-04	379.25	390.00	13c		Diorite	dk gy	pa gy	med				25%-45% pk-pa gy feld in chl-after horn?phenos; hily mag except where min'd; competent-RQD=90; non cbd; 3% cse d+vn'd py locy conc; freshens quickly downhole; hem'd w 20% leuco initially+ where min'd
BG10-05	0.00	4.20	OB		casing							
BG10-05	4.20	13.50	13c		Pyritic Alt'd sed	pale buff	orangy-pink	aph	mg			thickly colour banded, highly destructively altered, alternating silica-hem- +/-microcline? and seric sediments, mg ghost grains at times vvisible, mod chl dev'd on fractures, mod py as strs & occ patches at 50,80 and 150dca; wk foln at 70dca; grades intoo
BG10-05	13.50	17.20	13c		Alt'd Sed	pink		fg	cg			faulted & brecciated alted seds (as abo) to 15.0; grades into m-cg pinkish reXtalized sandstone (HEMSED); BBC sharp at 40dca
BG10-05	17.20	23.80	13c		TSED Conglomerate	pale buff		cg				massive, wkly foliated at 30dca, mod altered pebbly & gritty conglomerate, showing good angular fuchsite pebbles & cobbles, many pebbles hem'd; grades into:
BG10-05	23.80	30.60	13c		Syanitized TSED	pink	p.brown	mg	cg			inter-grading, alternating, partly melted, fuchsite-bearing & hem'd megacrystic pebbly hem'd seds and bands of trachytic, bimodal feldspar porphry showing irreg highly digested chl xenos; grades into:
BG10-05	30.60	43.44	13c		Alt'd TSED	pale greenish-buff	pink & occ brown	mg	cg			gritty, massive, mod. reXtalized gritty massive pebbly sandstone, sil'd, seric, locally hem'd; cg subhedral microcline porphyroblasts developed thro; 41.0-41.3: pale grey low angle seric slip with HEMSED lower wall / 10cm at 10dca;; BC sharp at 40dca

BG10-05	43.44	70.20	QP		Hem'd & microclined sandstone	orangy-pink		cg	fg-aph			current Qtz Porphyry unit; in part reXtalized and granitized, destructively altered, quartzo-feldspathic massive sandstone horizon - shows well rounded cg qtz and subhedral-rounded 'spar in pink aph matrix and incipient to vcg K-spar porphyroblast growth as wk diss bands thro and alternating v wk perv microcline altn banding seen as vague orangey-pink altn zones; section hosts variable pyrite as fg vlts, strs and thds from 1mm to 2cm thick; best microcline dev'd at 51.0-52.0; BC on base of bleached fault zone.
BG10-05	70.20	73.80	QFP		Quartz-Feldspar Porphyry	orangy-pink		mg	aph			massive to v.wkly fol'd at 85&60dca, wkly py thdd, 20-40% mg wkly saus'd ehuhedral to subround spar & <10-15% m-cg subhedral qtz in aph to vfg chilled matrix; v.wk perv microline gnd mass aln thro; BC on GND &Lost Core
BG10-05	73.80	113.40	QFP		Pyritic Porphyry	brownish-grey & buff	pink & occ brown	mg	aph			(similar to above) mottled leucocratic buff. trace hematitic, mg feldspar megacrysts 30-15%, 10-15% mg grey qtz in aph matrix, trace rare spk fuchsite, occ med-thick pinkish hem-microcline altn bands; variable degrees of fg pyrite thds & strs dev'd ptf at 30-40dca and as more poorly dev'd flats occ flats at 120-150dca;m BC at base of mildly bx'd, sild & qstr's contact zone at 45dca
BG10-05	113.40	114.10	qv		Quartz Vein	white	grey	aph				wkly ribboned at 30dca, bull porclain white qtz vein, no sig carb, carries 15% sild wall rock frags, has internal 3 & <1`cm dk grey stylitic silica bands, NSM; BC at 25dca undulating
BG10-05	114.10	130.50	QFP		Pyritic Porphyry	brownish-grey & buff	pink & occ brown	mg	aph			(as 73.8-113.4) broadly colour banded, dk green chl dev'd on jt & fracture planes, wk microline sect's, NSM; BC sharp on bull white qstr at 35DCA
BG10-05	130.50	143.40	QFP		Alt'd Sandstone	pale brown-grey		m-cg	aph			(similar to 43.44-70.2) massive, reXtalized in part, mg rounded to subhedral feldspars and rounded qtz grains in vfg feldspathic matric, very wk hem perv thro, wk chl thds dev on fracture & jt surfaces, NSM with minor py thds dev'd near base, becoming more granitic looking in last 7m, BC at 45dca
BG10-05	143.40	146.10	QFP		Pyritic Porphyry	buff-grey to brown		mg	aph			(similar to 73.8-113.4) mildly bx'd thro and washed out & bleached looking with wk qc knots dev'd on dark chl'c bx fractures, minor py thds & strs xcutting thro; BC on <1cm dk grey talcose fault mud seam at 30dca
BG10-05	146.10	163.00	FP		Feldspar Porphyry	pale grey		m-cg	aph			leucocratic, very bleached looking FP consisting of 15% white m-cg poph'c feldspar megacrysts in aph matrix, gen very massive, bit blocky, grades into:
BG10-05	163.00	206.00	QP		Chilled Quartz Porphyry	pale yellowish-buff		m-cg	aph			leucocratic, bit bleached chilled intrusive contact zone? shows f-cg well rounded to subhedral qtz (5-15%), rare spar in aph - vfg massive matrix, minor dk grey wkly talcose-chl thds dev'd on parting planes, occ wk sections of py thds, 204-204.05 shows talcose-chl schist band or well resorbed xenolith at 40dca;grades / 10cm at 70dca? into:
BG10-05	206.00	254.50	FP		Chloritic & banded Feld. Porphyry	med green to green-grey	buff	mg	aph			massive to wkly foliated at 60-70dca, mod chl'c porph shows 10-20% white subhedral to occ euhdral m-cg feldspar megacrysts in chlc felted matrix and wk buff bleaching along fracture & jt planes i/c with med thick bands of buff Bleached Porphyry (as described, but lacking green colour & chl), bleaching normally haloes wk qtz or qc veining / wk py strs; 206.0-208.7: chl'c FP, minor irreg chl thds, 207.5 porcelan white ribboned qst with chl'c walls at 30dca; 208.70-208.95: bleach Zone Band (BZ) at 60dca; 210.9-218.6: mod bleached band in which you find: *(210.940dca;qstr at bl chl at contacts, 40dca; 214.0 mottled cg cc vlt, tr qtz NSM at ~100dca; 218.22-218.3: 4cm white & black ribbon qvlt at 50dca)*, 220.7-221.7 pale grey BZ - mod destructive, minor py thds, BC ~40dca; 223.9-225.0: wk BZ with py strs & mod foln/ shearing at 224.14/10cm @50dca and minor py thds dev'd below; 233.8-237.5: BZ haloes vuggy broken qv @ 40dca, TR py from 236.45-~237.0m; 243.5 - 254.5: variably bleached & wkly ser'c, Trace cg irreg Fuchsite splashes, minor py thds & spots, occ very tight xslips noted (no gouge); BC vague but sharp at 30dca
BG10-05	254.50	256.00	13c		Chilled Diorite	med. grey		aph				massive to faintly flow banded contact zone ; very faint ser/epid lams dev'd alternating thro; TC bit bleached, BC 130dca sharp, haloed by wk seric
BG10-05	256.00	256.29	FP		Alt. Porphyry	med grey		m&cg				similar to 206.0-254.5, margins bleached & destructivly altered to fg material showing wk ghosts;this is a xennolith band; BC sharp @ 50dca rotated 90deg
BG10-05	256.29	257.26	13c		Chilled Diorite	med grey						as 254.5-256
BG10-05	257.26	258.50			Alltered Sericitized & Sil'd Intermediate Breccia	pale yellowish-green	grey & white	fg				well fracture, med sericite altered & band (40%) felsite/ altered porphyry, strongly angular fractured & sealed by bull porc. white irreg qtz strs, thds & masses as irreg net-veined styockwork of 30% qtz; minor epid patches; BC sharp at 165dca on tight slip
BG10-05	258.50	264.00	13c		Bx'd Diorite	med-dk green	pale green	mg				wklly foliated at 20-30dca, mod chl'd & wkly sericitized micro breccia shows monomictic angular to subangular llithic frags so that appearence seems to be a mafic lapilli tuff; gen. uniform thro, grades into:
BG10-05	264.00	268.60	13c		Chilled Diorite	med. green-grey		fg				massive chilled chl'c unit, minor dk green chl spots & occ rare py thds or late qthds & qcthds; BC sharp & 90def rotated @ 40dca
BG10-05	268.60	273.00	13c		Bx'd Diorite	med-dk green	pale green	mg				similar to 258.5-264.0, bit coarser bx dev'd; @273.0m grades into:

BG10-05	273.00	289.95	13c		Alt'd Bx'd Diorite	pale yellow-green	dk green	fg				(as above) med-coarse inter-mafic chilled monomictic intrusion breccia, quite coarse in the center of section as 10's of cm sized angular clasts, wk-mod foliated at 45-30dca; yellow seric & green epid and dk green chl altn & minor py thds & strs increasing in intensity downhole; wk perv. Fe-carb gndmass dev'd thro; mod-strong white dol-qtz strs & knots dev'd thro, gen subptf, but at times xcutting at <20dca mainly ass'd with seric bands; strong siln / ribbon qc veins dev'd at 285.34-285.54 @ 60dca ptf and 288.35-288.54 as irreg 70% qtz bx vein at ~15dca; BC sharp & rotated to foln @35dca
BG10-05	289.95	290.36	QP		Alt'd & Chilled Quartz Porphyry	v. pale orangy-buff		aph	c-mg			massive, chilled aph felsite shows <5% cg qtz megacrysts, no sig Fe-carb, BC sharp at 50dca
BG10-05	290.36	292.90			Siliceous Breccia	med brown-grey		aph	cg			very sil'd & bleached hydrothermal bx zone;, wk perv Fe-carb gndmass thro, shows as very fine white to pale grey seric thds coating irregangular fracture pattern at walls of zone to a core of well cemented pale grey qtz-seric shist dev'd at 291.1-291.6 hosting 30-40% cobble sized subangular to subround siliceous bleached p.grey clasts and sandy grit oriented at 150dca ; 292.16-292.7: sheared sericitic & chlc wall rock xeno at 35dc shows minor py thds; ; BC at 50dca sharp
BG10-05	292.90	346.50	QP		Chilled Porphyry?	pale buff	p-med pea green	mg	fg			mod. Xtalpheric rhyolite-looking chilled felsic intrusive of <10% well rounded qtz eyes and +30% ghosts of subhedral 'spars in fg matrix, no sig Fe-carb in marix, mod yellow seric banding thro, wk chl'c dev'd with occ broad zones of wk py thds, clots & rare strs,, gen. non-magnetic, mod frac'd with p.grey seric dev on partings; 292.9-~297.5: trace hem gndmass; ,,,,
BG10-05	346.50	359.00	QP		Chilled Quartz Porphyry	pale yellowish-buff		m-cg	aph			(similar to 163.0-206.0m) massive, no-fabric to speak of; leucocratic, bit bleached chilled intrusive contact zone? shows f-cg well rounded to subhedral qtz (5-15%), rare spar in aph - vfg massive matrix, minor dk grey wkly talcose-chl thds dev'd on parting planes, occ wk sections of py thds; grades into:
BG10-05	359.00	378.00	FP		Chilled Feldspar Porphyry	Hematitic Felsite	pale buff, med green-grey, p. salmon	aph	cg			banded contact zone (CTZ) thick bands of mottled wkly chl'c & patchy hem stained m-cg FP showing 30-10% spar ghosts and occ rel. clean looking wkly chl FP and i/c thick bands of pale brown-buff massive felsite; NSM, minor chl thds & dol strs, grades into:
BG10-05	378.00	381.20	SYN		Chilled Syenite	orange		aph				,assive, mod frac'd & seealed with <5% white qtz & qc hairs & thds, trace chl on parting planes, NSM; BC sharp on 1cm grey qtz-py strwith 10% seric wall rock frags orientaed @ 60dca
BG10-05	381.20	388.50	13c		Chilled Diorite Contact Zone	dk green-grey	p.green, buff, orange	aph	fg			chilled thickly banded fract'd & i/c intrusion breccia and altered xeno bands; mod-strong bleaching and seric-epid-chl+/-hem altn decreasing downhole; locally partly melted & felted looking; 381.18-382.95: p.green frac'd chilled & banded seric-epid alt'd mafic intrusive, grades into:; 382.95-383.47: partly melted blotchy hem-chl felt zone, BC sharp at 60dca; 383.47-385.0: massive aph buff- orangy mod frac'd & sealed by <5% dol thds & strs felsite / bleached Syn, grades into:385.0-385.5: angular orange rock frags (of above) in sandy seric matrix; BC very irreg & flamed; 385.5-385.67: chille epid alt'd diorite band, BC 95dca & stepped; 385.67-385.77: 50% cataclastic orang syn frags and 50% white dol vein at 100dca; 385.77-388.05: dk green chilled diorite, occ minor black glassy chill selvages/bands, mod fg leucox. dev'd thro, grades into: 388.05-388.5:irreg banded hem, dk green chl'c and bleached hybrib assimilation band fol'd 60-80dca, BC sharp at 60dca on top of med grey bit undulation chilled selvage to unit below.
BG10-05	388.50	421.00	13c		Chilled Diorite	med green		aph				massive, faintly thrmal contraction/ flow banded, non-magnetic to rare magnetic responding mafic-interm. intrusive; minor local hematitic altn bands dev'd; 390.63: 4cm whitecc vlt at 65dca, NSM; 293.28: 4cm sheared? cc vein with 10% py as internal lams at 40dca; 408.50-408.80: sild & seric-epid altd band with 40% free qtz-dol strs, NSM; ,,,
BG10-05	421.00	447.10	13c		Chilled Altered Diorite	mottled green-grey	buff, dk green and brown	fg				thickly colour banded, variably bleached, mottled, frac'd wkly hem&/chl banded, partly melted hornfelsic contact zone; gen non-magnetic, except for a some weak spotty resp in 434-440m; BC vague, partly melted & flamed intrusive, overall @ 70dca
BG10-05	447.10	455.60	BP		Pyritic Bimodal Porphry	grey	brown-grey	m-cg	fg			massive non-magnetic feldspar porph showing <2% coarse rounded parly digested & resorbed amphibolitic xenoliths, margins chilled, f-mg diss pyrite thro; 447.1- 447.7: vfg chill margin, grades into; 447.7-450.3: BP med grey, 20% feldspar megacrysts, massive, grades into: 450.3-455.6: graded bleached chill margin, grades finer downhole, BC sharp but undulating as "S"'/10cm from 90-15-90dca
BG10-05	346.50	429.00	13		Hybridized Country Rock	mottled grey	brown, orange green					fg, massive, wkly magnetic, swirled, bleached CTZ hybridized lithology of unknown provinance.; 456m EOH logged by R.V. Zalnieriunas, Aug.13/10, Kirkland Lake, ON
BG10-05	429.00	438.9	13		Chilled Diorite?	dk grey	green	aph	fg			chilled, very strongly altered sild and epidotized pyritic inter-mafic intrusive showing local bands of chert xeno's, 272.63-275.5: mod fg diss py and occ strs; 284-285 granophyric texture; 286 - well dev'd xcutting pyrite thds including at 286.75-276.90 well dev'd halh moon of ribboned calcite-py vein with 40% lithic slivers; shrp nat trailing ct@57

BG10-05	438.90	447.1	5h		Trachyte	buff-br	red-br	fine				non mag; non cbd; 15% blk chl clots up to 1"; 1-2% cse+f d py locy conc; RQD=90 ; shrp nat trailing ct @65; heterogeneous; locy bl'd/hem'd assd w q-ank or structures; min'd@441.6-441.7, 446.9-447.0
BG10-05	447.10	454.65	QFP		Quartz Feldspar Porphyry	light grey	med gy	med				non mag; non cbd; competent-RQD=90; rare cse d py; 30% anhedral 1/8"pk-wt qtz-feld phenos; homogeneous-hem'd/bl'd locy; rare q-ank vn's to 1/8"@20 gen; min'd@447.1-447.3; shrp trailing nat ct@27
BG10-05	454.65	456	5h		Trachyte	pur-red	red-br	fine				non mag; non cbd; 15% blk chl clots up to 1"; 1-2% cse+f d py locy conc; RQD=90 ; heterogeneous; locy bl'd/hem'd assd w q-ank or structures;
BG10-06	0.00	21.00			Casing							
BG10-06	21.00	39.10			Diorite Breccia	med green	dk green	fine	coarse			probable Diorite Breccia; non-magnetic; strong perv carb; 5-15% late opaque brittle frac'ing with carb+ qtz+ ank; 35.4 to 38 m strong Flt, with mud gouge at 0 deg TCA; lower contact at 15 deg TCA
BG10-06	39.10	48.30			Diorite	dk green		aph	fine			magnetic; strng perv carb; *44m to 48m 15 to 30 cm sections of 55 to 85 deg TCA frac'ing with carb vn'ing+chl+py+strnger per carb and wkly to non-magnetic*; LC- lower contact at 20 deg TCA
BG10-06	48.30	49.50			Feldspar Porphyry	grey orange pink		fine	coarse			non magnetic; feld pheno's (plagio & K-spar) + honreblendes - amphiboles; non- carb; 1-2% diss py; LC at 55 deg TCA
BG10-06	49.50	57.54			Syenite	grey	red-brown	aph	fine			non magnetic; wkly perv carb generally in hairline frac's; fine augites throughout; 51.3 to 54.6m shear - Flt system at 45 to 60 deg TCA with sections of strong late brittle frac'ing, strng perv carb, some areas of qtz+ank+carb vn'ing with perv oxy'd hem staining starting after fault at 53.71m to 54.6 and then closer to LC; 51 t0 51.5m probable diorite, leuc flecs
BG10-06	57.54	73.80			Diorite	dk green	med green	aph	fine			magnetic & 7-10% leuc flecs up to 68.5m, after non-magnetic; predominantly strng perv carb throughout; 62.9 to 63.1m ductile shear zone at 20 to 55 deg TCA with ser+chl alt'n; 69.1 to 69.54m bx zone with anglaur bx, some 6 cm in length pieces with carb healing; afterward med green coloured diorite
BG10-06	73.80	75.40			Feldspar Porphyry	pale red	med grey green	aph	med			non-magnetic; bimodal; 74 to 74.1 qtz+ank vn with hem spec's; UC has bleached hem alt'n for 0.5m from Diorite; LC - no alt'n, contact is irregular but sharp
BG10-06	75.40	79.05			Diorite Breccia	med green		aph	coarse			non-magnetic; non perv carb; 78.7 to 79.05m (LC contact) shear with strong ank+ser+chl+fuschite with 10-12% py in frac's; LC Contact is sharp at 60 deg TCA
BG10-06	79.05	85.20			Feldspar Porphyry	med green	pale pink	fine	coarse			non-magnetic; bimodal; wk to mod perv carb; <5% late white carb vn's; LC sharp at 55 deg TCA
BG10-06	85.20	94.67			Diorite	dk green		aph				magnetic; wk to mod perv carb; 85.2 to 85.9m shear zone at 60 to 65 deg TCA ser+chl+carb+ 3-5% diss py; occasional carb vn'ing with py thoughout unit; LC - irregular contact
BG10-06	94.67	100.44			Feldspar Porphyry	dk grey-brown	med grey	fine	coarse			non-magnetic; bimodal; <5% late carb vnlets; 1% diss py in matrix
BG10-06	100.44	170.60			Diorite	dk green	epi green	fine				magnetic; wkly carb confined to hairline frac's and vn'ing; from 107 to 113m 5 to 15 cm sections of magnetic bx? Bx is dk purple in colour; less magnetic ~114m to 120m and after 114m more perv epi alt'n with less than 2% late white carb vnlets, wk to moderately magnetic; at 156m breakthrough - seam as per drillers notes;
BG10-06	170.60	178.50			Diorite Breccia	med green		aph	fine			probable Diorite Breccia due to absorbed clast- appearance in sections but could be due to variable alteration; predomonantly non-magnetic; wk to mod spotty perv carb except in shear zone; 10-20% wormy late white carb vnlets; **175.2 to 176.4m Weak Shear-Perv Carb Zone+Py MH Zone, perv carb + penetrative & non penetrative shear slips and brittle frac's with grey qtz+carb, 5-8% diss euhedral py in shear slips and matrix + clots, shear ends at 176.4m at 5 deg TCA Flt and 35-45% grey white carb from 176.7 to177.4m;**
BG10-06	178.50	222.00			Diorite	dk green	med green	aph	fine			predominantly magnetic with some non-magnetic sections; wk to strong perv carb alt'n; ***181.41 to 181.6 and 186 to 187m weak shear zones at 30 to 45 deg TCA strong perv carb + moderate ser+ 10% leuc flecs with 3-5% fg diss py in clots & frac slips;*** after 195m weak epi alt'n is perv and perv carb alt'n is weal to negligible.
BG10-07	0.00	3.20	100		Casing							
BG10-07	3.20	42.50	QP		Quartz Porphyry	buff-wt	buff-gn	cse				same unit as at Boundary Zone; gradational change- no feldspar visible;competent (RQD=80); locy wy-mody sil'd to pa gy; non cbd; non mag; <1% sil+q-ank vn's to 1/8" gen @30; wy hem'd to pkish @47.0-52.5+ 56.9-57.4+____1-3% cse d py locy conc, locy assd w chl-sil fract's -locy conc; flt trailing ct; min'd@5.2-6.2, 12.2-12.4, 49.7, 60.0-60.15,
BG10-07	42.50	43.25	QP		Quartz Porphyry	yel-gn	buff	cse				as above but w 5% ser'n w shrp ct's+ 1/8"emerald gn xeno's (fuschite); competent-RQD=90; non mag; non cbd; shrp nat trailing ct@37;
BG10-07	43.25	55.00	QP		Quartz Porphyry	buff-wt	buff-gn	cse				same unit as at Boundary Zone; gradational change- no feldspar visible;competent (RQD=80); locy wy-mody sil'd to pa gy; non cbd; non mag; <1% sil+q-ank vn's to 1/8" gen @30; wy hem'd to pkish @47.0-52.5; 1-3% cse d py locy conc, locy assd w chl-sil fract's -locy conc; shrp nat trailing ct@; min'd@

BG10-07	55.00	56.90	QP		Quartz Porphyry	yel-gn	buff	cse				as above but w 5% ser'n w shrp ct's+ 1/8"emerald gn xeno's (fuschite); competent-RQD=90; non mag; non cbd; shrp nat trailing ct@27 in BC; 15% q-ank vn's to 1"
BG10-07	56.90	70.15	QP		Quartz Porphyry	buff-wt	buff-gn	cse				same unit as at Boundary Zone; gradational change- no feldspar visible;competent (RQD=80); locy wy-mody sil'd to pa gy; non cbd; non mag; <1% sil+q-ank vn's to 1/8" gen @30; wy hem'd to pkish @ 56.9-57.4+68.0-70.15; 1-3% cse d py locy conc, locy assd w chl-sil fract's -locy conc; shrp nat trailing ct@46; min'd@ 60.0-60.15, 68.4-69.3;
BG10-07	70.15	80.30	QP		Quartz Porphyry	yel-gn	buff	cse				as above but w 5% ser'n w shrp ct's+ 1/8"emerald gn xeno's (fuschite); competent-RQD=90; non mag; non cbd; shrp nat trailing ct@24; 5% q-ank vn's to 1/2"; min'd@70.15-71.2, 77.6-78.6
BG10-07	80.30	82.25	QP		Quartz Porphyry	buff-wt	pk-buff	cse				same unit as at Boundary Zone; gradational change- no feldspar visible;competent (RQD=80); locy wy-mody sil'd to pa gy; non cbd; non mag; <1% sil+q-ank vn's to 1/8" gen @30; wy hem'd to pkish; 0.1m dyke as above@31@81.3-81.4; 1-3% cse d py locy conc, locy assd w chl-sil fract's -locy conc; shrp nat trailing ct@22; min'd@ 82.15-82.25,
BG10-07	82.25	97.70	QP		Quartz Porphyry	yel-gn	buff	cse				as above but w 5% ser'n w shrp ct's+ 1/8"emerald gn xeno's (fuschite); competent-RQD=90; non mag; non cbd; shrp nat trailing ct@22; min'd@82.25-82.5, 84.7-85.1; 15% q-ank
BG10-07	97.70	104.70	QP		Quartz Porphyry	buff-wt	pk-buff	cse				same unit as at Boundary Zone; gradational change- no feldspar visible;competent (RQD=80); locy wy-mody sil'd to pa gy; non cbd; non mag; <1% sil+q-ank vn's to 1/8" gen @30; wy hem'd to pkish @97.7-104.7; 1-3% cse d py locy conc, locy assd w chl-sil fract's -locy conc; shrp nat trailing ct@15; min'd@ 91.0-91.9, 93.1-93.2, 98.3-98.5, 103.4-103.9
BG10-07	104.70	109.00	QP		Quartz Porphyry	yel-gn	buff	cse				as above but w 5% ser'n w shrp ct's+ 1/8"emerald gn xeno's (fuschite); competent-RQD=90; non mag; non cbd; shrp nat trailing ct@15;15% q-ank
BG10-07	109.00	119.95	QP		Quartz Porphyry	buff-wt	pk-buff	cse				same unit as at Boundary Zone; gradational change- no feldspar visible;competent (RQD=80); locy wy-mody sil'd to pa gy; non cbd; non mag; <1% sil+q-ank vn's to 1/8" gen @30; wy hem'd to pkish; 1-3% cse d py locy conc, locy assd w chl-sil fract's -locy conc; shrp nat trailing ct@72; min'd@ 110.2-111.0, 111.3-111.6, 112.4-112.7,
BG10-07	119.95	132.90	QP		Quartz Porphyry	yel-gn	buff	cse				as above but w 5% ser'n w shrp ct's+ 1/8"emerald gn xeno's (fuschite); competent-RQD=90; non mag; non cbd; shrp nat trailing ct@70; min'd@122.4-122.6, 123.4-123.8; 15% q-ank
BG10-07	132.90	155.60	QP		Quartz Porphyry	buff-wt	pk-buff	cse				same unit as at Boundary Zone; gradational change- no feldspar visible;competent (RQD=80); locy wy-mody sil'd to pa gy; non cbd; non mag; <1% sil+q-ank vn's to 1/8" gen @30; wy hem'd to pkish; @145.1-149.7 is mottled w frag's of por reworked-could be trachyte unit but most has qtz phenos 30%; mody hem'd @150.0-152.15; 1-3% cse d py locy conc, locy assd w chl-sil fract's -locy conc; shrp nat trailing ct@60; min'd@ 110.2-111.0, 111.3-111.6, 112.4-112.7,149.7-150.05,
BG10-07	155.60	166.90	13c		Diorite	med gy	dk gn	med				25%-60% pk-pa gy feld in chl-after horn?phenos; non mag ;no epi; competent-RQD=90; rare leucoxene locy conc; trailing ct indistinct; min'd@158.0-158.4
BG10-07	166.90	174.20	QP		Quartz Porphyry	buff-wt	pk-buff	cse				same unit as at Boundary Zone; gradational change- no feldspar visible;competent (RQD=80); locy wy-mody sil'd to pa gy; non cbd; non mag; <1% sil+q-ank vn's to 1/8" gen @30; wy hem'd to pkish; 1-3% cse d py locy conc, locy assd w chl-sil fract's -locy conc; shrp nat trailing ct@54; min'd@173.9-174.45,
BG10-07	174.20	174.65	QP		Quartz Porphyry	emerald gn	buff	cse				as above but w 5% ser'n w shrp ct's+ all emerald gn +xeno's (fuschite); competent-RQD=90; non mag; non cbd; shrp nat trailing ct@46; 5% q-ank
BG10-07	174.65	183.30	QP		Quartz Porphyry	buff-wt	pk-buff	cse				same unit as at Boundary Zone; gradational change- no feldspar visible;competent (RQD=80); locy wy-mody sil'd to pa gy; non cbd; non mag; <1% sil+q-ank vn's to 1/8" gen @30; wy hem'd to pkish; 1-3% cse d py locy conc, locy assd w chl-sil fract's -locy conc; trailing ct indistinct; min'd@174.8, 175.5,
BG10-07	183.30	185.85	13c		Diorite	med gy	dk gn	med				25%-60% pk-pa gy feld in chl-after horn?phenos; non mag ;no epi; competent-RQD=90; rare leucoxene locy conc; trailing ct @62; min'd@
BG10-07	185.85	191.45	QP		Quartz Porphyry	buff-wt	pk-buff	cse				same unit as at Boundary Zone; gradational change- no feldspar visible;competent (RQD=80); locy wy-mody sil'd to pa gy; non cbd; non mag; <1% sil+q-ank vn's to 1/8" gen @30; 1-3% cse d py locy conc, trailing ct indistinct; min'd@191.05-191.45
BG10-07	191.45	246.45	13c		Diorite	med gy	dk gn	med				25%-60% pk-pa gy feld in chl-after horn?phenos; non mag ;no epi; hily cbd; 5-10% q-ank vn's gen @30-40 until 206.5; bx zone w wy hem'd @201.4-203.5; competent-RQD=90; rare leucoxene locy conc (as @218.0-219.0); trailing ct @52; min'd@195.4-195.95, 244.2-244.95
BG10-07	246.45	246.95	13e		Syenite	br-red	pur-br	fine				competent-RQD=90; not cbd; non mag; 20% dk gy phenos to chl in br feld; trailing ct shrp nat@80; fresh; rare cse d py;
BG10-07	246.95	254.85	13c		Diorite	med gy	dk gn	med				25%-60% pk-pa gy feld in chl-after horn?phenos; non mag ;no epi; hily cbd; competent-RQD=90; rare leucoxene locy conc; trailing ct @80; min'd@195.4-195.95
BG10-07	254.85	255.00	13e		Syenite	br-red	pur-br	fine				competent-RQD=90; not cbd; non mag; 20% dk gy phenos to chl in br feld; trailing ct shrp nat@80; fresh; rare cse d py;

BG10-07	255.00	345.10	13c		Diorite	med gy	dk gn	med				25%-60% pk-pa gy feld in chl-after horn?phenos; non mag ;no epi; hily cbd; competent-RQD=90; posy sy @257.5-257.8; rare leucoxene locy conc; trailing ct @37;
BG10-07	345.10	363.60	QFP		Quartz Feldspar Porphyry	pa gy	med gy	med				non-magnetic, non cbd; 10% qtz+10% feld pheno's; no cse d py; rare dk gy xeno's to 1/4"; shrp nat trailing ct@46; competent-RQD=80; locy bl'd; 3% q-ank vn's to 1/4" gen @45-60
BG10-07	363.60	368.00	5f		Ash Tuff	gy-pur	dk gy	med	fine			possible intrusive but looks tuff-no bedding/jaspers; no carb alteration; 5% q-ank vn's to 1/2" @30 gen; non mag; competent-RQD=90; 2-3% cse d py locy conc; shrp nat trailing ct @70; min'd@367.3-367.5
BG10-07	368.00	411.30	13c		Diorite	med gy	dk gn	med				25%-60% pk-pa gy feld in chl-after horn?phenos; mody mag to 379.5, + @405.3-411.0 ;no epi; hily cbd; competent-RQD=90; rare leucoxene locy conc; trailing ct @53;
BG10-07	411.30	414.80	5f		Ash Tuff	gy-pur	dk gy	med	fine			possible intrusive but looks tuff-no bedding/jaspers; no carb alteration; 1% q-ank vn's to 1/2" @60 gen; non mag; competent-RQD=90; 2-3% cse d py locy conc; shrp nat trailing ct @32
BG10-07	414.80	436.20	QFP		Quartz Feldspar Porphyry	pa gy	med gy	med				non-magnetic, non cbd; 10% qtz+10% feld pheno's; no cse d py; rare dk gy xeno's to 1/4"; shrp nat trailing ct@42; competent-RQD=80; locy bl'd; could be tuff @432.85-436.2-olive gn, hily chl'c but some rafts of por locy
BG10-07	436.20	484.00	13c		Diorite	dk gy	med gy	med				25%-60% pk-pa gy feld in chl-after horn?phenos; v hily mag;no epi; hily cbd; competent-RQD=90; 2% leucoxene locy conc, esp @462.7-480.0; trailing ct @50;
BG10-07	484.00	484.25	QFP		Quartz Feldspar Porphyry	pur gy	med gy	med				non-magnetic, non cbd; 10% qtz+10% feld pheno's; no cse d py; shrp nat trailing ct@40; competent-RQD=80;
BG10-07	484.25	485.20	13c		Diorite	dk gy	med gy	med				25%-60% pk-pa gy feld in chl-after horn?phenos; v hily mag;no epi; hily cbd; competent-RQD=90; 2% leucoxene locy conc; trailing ct @50;
BG10-07	485.20	507.70	13c		Diorite	dk gn	gn-gy	med				25%-60% pk-pa gy feld in chl-after horn?phenos; non mag; 3% epi; non cbd; competent-RQD=90; rare leucoxene locy conc; trailing ct @25;
BG10-07	507.70	525.00	13c		Diorite	dk gy	med gy	med				25%-60% pk-pa gy feld in chl-after horn?phenos; v hily mag; 2% epi; non cbd; competent-RQD=90; 2% leucoxene locy conc;
BG10-08	0.00	20.20			Casing							
BG10-08	20.20	23.40			Diorite Breccia	med green		fine	coarse			non magnetic; perv carb
BG10-08	23.40	23.75			Diorite	dk green	lt green	med	aph			mottled texture by large alt'd phen's or breccia; non-magnetic; perv carb; lower contact sharp at 50 deg TCA
BG10-08	23.75	69.59			Diorite Breccia	med green		fine	coarse			non magnetic; perv carb; 5-10% late white carb vn'ing; multiple localized shear - flt zones at 43.05-43.06, 45.16 - 45.2, 45.95- 46, 46.58 - 46.7; **52 to 68.7m Shear + Py Zone strong ductile/brittle shear+frac's at 0 to 65 deg TCA, fuchsite alt'n at beginning 52 to 52.5 and near end of zone, 15 to 35% opaque creamy white-dull grey qtz+ank+carb vn'ing with chl on slips & perv carb, some sections with leuc flecs, 10 to 40 cm sections with 7-25% fg py alongshear planes, within vn's and in matrix**; lower contact irregular approx 65 to 75 degb TCA
BG10-08	69.59	90.30			Diorite	dk purple	dk green	fine	med			strongly magnetic except where alt'd by perv sil + carb; predominanltly perv chl alt'n; 66.59 to 78.9m some intervals with 0.5 to 1cm wide py vn'ing with carb at 45 to 65 deg TCA; 10-15% late qtz+ pink calcite + ank throughout; hem present in frac's and vn's; *87.5 to 90.3m py in frac's + perv carb alt'n increases close to FP contact;* contact sharp but irregular at 85 to 90 deg TCA
BG10-08	90.30	98.90			Feldspar Porphyry	red brown	grey green	fine	coarse			non-magnetic; bimodal; efferveces wildly with HCl, perv carb alt'n with <5% late pink-white carb vn'lets; strong feld pheno's fabric fol'n at 65 deg TCA; lower contact sharp at 75 deg TCA
BG10-08	98.90	263.00			Diorite	dk green	med green	aph	med			*98.9 to 99.5m proximal to FP contact perv carb alt'n with leuc flecs and py;* beyond 99.5m carb alt'n is spotty in sections; unit is strngly magnetic; sections of classic diorite texture with white plagio pheno's; 5-10% pink-white carb calcite vn's with py + hem; 102.5 to 104.4m calcite-carb vn's with cpy; 108.2 to 108.33m qtz+carb+chl+leuc flecs+py at 70 deg TCA; weak leuc flec & carb section around flt at 114.32m; prior to MH Zones epi alt'n increases, perv carb alt'n non-existent except for lat white carb vn'ing and magnetite alt'n fronts at 131.5 to 133.4m; *135 to 142.4m Weak Sil+Carb+Py Vn Zone with localized strng alt'n proximal to brittle frac's with carb+strong py and oxy'd hem alt'n + leuc flec halos, perv chl alt', frac's at 45 to 90 deg TCA*; **144.9 to 147.6m MH Zone Shear + Sil+Carb+Py starts at a Flt at 144.9 at 45 deg TCA, pale red colour with 25% grey-white qtz vn'lets, strong eu+anhedral py up to 30% in sections**; ~169 to 217 m strong magnetite as diss amorphous blebs, sometimes cubic and as solid magnetite in 1 - 5mm vn's & flts; *191.9 to 194.3m weak shear-fracture zone with f.g. py, leuc + perv chl + carb alt'n*; other weak frac zones with qtz vn'ing + leuc flecs + perv epi alt'n + py in frac's at 197.8 to 199.3m, 208.2 to 208.9; strong flt's with 85% magnetite at 199.3 to 199.4 and 202 to 202.4m at 5 deg TCA
BG10-09	0.00	5.70			Casing							

BG10-09	5.70	43.50			Diorite	dk green	med grey green	aph	med			strongly magnetic except in alt'n zones; **MH Zone?, at 13 to 14.5m, 15-20% leuc flecs + 10-12% diss fg and mg py mostly in py + qtz+carb vn's 10 cm wide at 13.1m, 2 cm wide at 13.6, 2cm at 14m and 1cm wide at 14.1m generally trending at 20 deg TCA; leuc flecs are observed from 10.1m to 14.5m**; weaker frac + py zones at 31.9 to 32.2m, weaker py zone but strong frac'ing from 33.3 to 34.1m; from 32.1 to 33.2m FP dyklets?, 2 to 7 cm wide, occuring frequently at various low angles to TCA;
BG10-09	43.50	55.70			Diorite Breccia	dk green		aph	coarse			upper contact not a definitive contact more gradational; unit mostly non-magnetic with infrequent spotty magnetic sections; weak to mod perv chl alt'n; amorphous - digested looking sub-rounded to rounded clasts & sections with chl clots; weak mineralized section at 47.84 to 48.77m; lower contact definitive with carb vn+ bx + weak slip or flt at 20 deg TCA
BG10-09	55.70	58.60			Diorite	dk green	mauve	aph	fine			strongly magnetic; mod to strong perv carb provides weak mauve colour; shear-flt at 58 to 58.6m at 20 deg TCA with leuc + carb+ chl alt'n
BG10-09	58.60	66.00			Diorite Breccia	dk green	med green	aph	coarse			predominantly non-magnetic; as with 43.5 to 55.7m but with perv carb alt'n; 62.6 to 63.64m Mafic Dyke?, aph matrix with chl clots; upper and lower contacts not decisive; 63.8 to 64.1m py mineralization in grey vn'ing 45 deg TCA in a narrow fractured section; bx not visible after 66 m
BG10-09	66.00	71.00			Diorite	med green		aph	fine			predominantly non-magnetic; weak perv carb; weak non penetrative shear fabric from 67 to 67.4m no visible py; lower contact with FP definitive with flt gouge at 15 to 20 deg TCA
BG10-09	71.00	72.90			Feldspar Porphyry	pale brown		aph	med			1 cm wide qtz-carb vn with 1-3% py at 72.8m; weak perv carb throughout; plagio feld pheno's; no visible fol'n fabric
BG10-09	72.90	80.00			Diorite Breccia	med green		aph	coarse			predominantly non-magnetic; weak to negl perv carb
BG10-10	0.00	4.30			Casing							5cm piece of core, not bedrock with py vn in FP
BG10-10	4.30	14.10			Diorite	dk green		aph				magnetic; perv weak to mod carb; 10-15% opaque late white carb vn'ing; *Py + carb + qtz vn'ing + leuc flec zones - best section from 19.4 to 12.4m, weaker zones at 8.5 to 8.7m, and at Diorite-FP contact from13.7 to 14.2m;* lower contact with FP is sharp along Flt at 10 to 20 deg TCA
BG10-10	14.10	19.06			Feldspar Porphyry	red brown	grey green	med	aph			non-magnetic; 3mm diameter plagio pheno's;14.2 to 16 weak to mod oxy'd hem alt'n; **2 to 20% dk grey qtz vn'ing with fg diss py starting at 14.7 to 16m at generally 45 to 50 deg TCA with a 2cm wide dk grey vn at 0 deg TCA from 15.8 to 16m;** occasional low angle frac's with py specifically from 18.6 to 18.9m; lower contact at 65 deg TCA
BG10-10	19.06	49.92			Diorite	dk green	light - medium green	aph	fine			magnetic except where alt'd; **MH Zone Py + Sil + sometimes Oxy'd Hem + Dk Qtz Vn with mo Zones at the following intervals 20.8 to 21.6m, 23.5 to 26.5m (good py + dk grey vn'ing), 26.5 to 27.7m (weak), 27.7 to 31.1m, 47 to 47.4 (6cm wide py vn at 20 to 35 deg TCA) and at 49.92 1 cm py vn at FP contact**; lower contact is broken
BG10-10	49.92	61.60			Feldspar Porphyry	red brown	med grey	aph	med			perv weak oxy'd hem alt'n and frac'd from 49.92 to 53.7m with 1-7% diss fg & mg py in weak frac'ing and diss in matrix; **>50% py in vn's at 56.05m at 40 deg TCA 1 cm wide, at 58.9m 4cm wide vn at 40 to 50 deg TCA**, and 20% diss py from 60.9 to 61.14m in a dk green qtz? vn adjacent to flt at 61.14m; sharp irregular contact
BG10-10	61.60	101.80			Diorite	dk green		aph	fine			strongly magnetic except in section where carb alt'n with leuc flecs; *Weak Py + Leuc Flec + Chl + Carb+ Shear-Frac Zones at 62.3 to 62.5m, 64 to 65.3m, 65.7 to 66.05m, 78.05 to 78.3 (more sil + epi alt'n), 80.2 to 80.7m (sil + epi+hem)* ; 87.8 to 100.8 moderate hairline to 1mm frac'ing with epi + qtz+ grey white carb-chl + py at 30 to 65 deg TCA
BG10-11	0.00	9.40			Casing							
BG10-11	9.40	12.80			Diorite	dk green	mauve	aph	fine			magnetic; perv carb alt'n; 5-8% leuc flecs; occasional vnlets with 100% magnetite; moderate slips + hairline frac's; lower contact with FP sharp at 85 deg TCA
BG10-11	12.80	76.40			Feldspar Porphyry	red brown	pale brown	aph	med			non-magnetic; sections of perv red K-spar feld or oxy'd hem alt'n with chl clots; other sections unaltered mauve coloured matrix; plagio feld pheno's opaque white up to 3mm diameter; 27.5 to 27.7m and 33 to 33.8m Syenite intrusions with light med green fol'n fabric of chl augites, fol'n fabric at 45 to 60 deg TCA; 34.3 to 35.2m moderate network frac'ing with py, overall 3-5% py; occasional py vn's 0.25 to 1.5 cm wide between 36.6 to 44m; 55 to 59.6m and 68.1 to 68.67m different phase of FP, aph green matrix, sharp contacts at 68.1 and 68.67m; 68.1 to 76.4m FP has bimodal sized plagio opaque white phen's in brown-mauve-red matrix; lower contact at 20 deg TCA
BG10-11	76.40	80.80			Diorite Breccia	med green	dk green	aph	coarse			non-magnetic except for 77.2 to 77.4m probable Diorite; weak to mod perv carb alt'n from 79.4 to 80.8m, with 5-10% grey-white carb vnlets, 2-5% diss py in clots- matrix
BG10-12	0.00	6.55	100		Casing							
BG10-12	6.55	12.35	QFP		Quartz Feldspar Porphyry	bu-br	buff	cse				non mag; non cbd; not competent-RQD=40; rare cse d py; 70% anhedral 1/8"pk-wt qtz-feld phenos; heterogeneous-hem'd/bl'd locy; no q-ank vn's; shrp trailing nat ct@34; 2% chl fract's gen@30-50

BG10-12	12.35	26.50	13c		Diorite	med gy	gy-pur	med				25%-60% pk-pa gy feld in chl-after horn?phenos w 5% chl-spec fract's as stockwork; initially non mag, then locy highly mag;rare epi locy conc ;competent-RQD=70; rare leucoxene;non cbd; spec hem locy; 2% q-ank vn's gen @70; shrp trailing nat ct@22 is undulatory; mauve-pur unit @20.7-24.8 could be syenite but looks more like alt'd dio (spec?)
BG10-12	26.50	26.85	QFP		Quartz Feldspar Porphyry	br	red-br	cse				non mag; non cbd; competent-RQD=90; rare cse d py; 40% anhedral 1/8"pk-wt qtz-feld phenos; no q-ank vn's; shrp trailing nat ct@34; shrp nat trailing ct @84
BG10-12	26.85	43.30	13c		Diorite	med gy	gy-pur	med				25%-60% pk-pa gy feld in chl-after horn?phenos w 5% chl-spec fract's as stockwork;highly mag;no epi;competent-RQD=70; rare leucoxene;non cbd; spec hem locy; 4% q-ank vn's locy conc gen @40; shrp trailing nat ct@39
BG10-12	43.30	64.50	BP		Bimodal Porphyry	br-red	pur-buff	cse				fresh; competent-RQD=90; non mag; 10% 1/4"euhedral feld phenos+30%feld +10%qtz 1/8" phenos; mafic gy-gn xeno's to 4"; 1% q-ank vn's to 1/4"@45 gen; non cbd; homogeneous;shrp nat trailing ct @37
BG10-12	64.50	72.00	5e		Lapilli Tuff	gy-pur	bu-br	med	fine			possible intrusive but looks like same unit at Moffat-Hall; poorly sorted polylithic unit with a mix of qtz+ feld+mafic frag's+ irregular shaped porph frag's;strong pervasive carb alteration; mottled;3-5% q-ank vn's to 1/4"@50; v highly mag mostly (wy locy); competent-RQD=80; locy 30% qtz 1/8"-could be por but the rest has heterogeneous lapilli's; shrp nat trailing ct@57; locy bl'd but gen fresh; 1% cse d py locy conc;
BG10-12	72.00	80.65	BP		Bimodal Porphyry	br-red	pur-buff	cse				fresh; competent-RQD=90; non mag; 10% 1/4"euhedral feld phenos+30%feld +10%qtz 1/8" phenos; mafic gy-gn xeno's to 4"; 1% q-ank vn's to 1/4"@45 gen; non cbd; homogeneous;shrp nat trailing ct @81
BG10-12	80.65	92.60	5e		Lapilli Tuff	gy-pur	bu-br	med	fine			possible intrusive but looks like same unit at Moffat-Hall; poorly sorted polylithic unit with a mix of qtz+ feld+mafic frag's+ irregular shaped porph frag's;strong pervasive carb alteration; mottled; 2-4% q-ank vn's to 1"@75 gen; v highly mag mostly (wy locy); competent-RQD=80; heterogeneous lapilli's; shrp nat trailing ct@55; gen fresh; 1% cse d py locy conc;
BG10-12	92.60	147.60	QFP		Quartz Feldspar Porphyry	bu-br	buff	cse				non mag; non cbd (locy cbd); not competent-RQD=40; rare cse d py; 70% anhedral 1/8"pk-wt qtz-feld phenos; heterogeneous-hem'd/bl'd locy; 1% q-ank vn's; gradational trailing nat ct; hily bl'd to gn-buff@98.0-100.5 w BC throughout
BG10-12	147.60	182.50	QP		Quartz Porphyry	buff-wt	buff-gn	cse				same unit as at Boundary Zone; gradational change- no feldspar visible;competent (RQD=90); non cbd; non mag; <1% sil+q-ank vn's to 1/8" gen @30; 1-3% cse d py locy conc, locy assd w chl-sil;
BG10-12	182.50	183.00	LC		LOST CORE							
BG10-12	183.00	193.55	QP		Quartz Porphyry	buff-wt	buff-gn	cse				same unit as at Boundary Zone; gradational change- no feldspar visible;competent (RQD=90); non cbd; non mag; <1% sil+q-ank vn's to 1/8" gen @30; 1-3% cse d py locy conc, locy assd w chl-sil; shrp nat trailing ct@66
BG10-12	193.55	193.95			Intermediate Dyke	med gn		aph				10% dk gn chlc pheno's? in olive gnnon mag; competent; non cbd; shrp nat trailing ct@21
BG10-12	193.95	196.70	QP		Quartz Porphyry	buff-wt	buff-gn	cse				same unit as at Boundary Zone; gradational change- no feldspar visible;competent (RQD=90); non cbd; non mag; <1% sil+q-ank vn's to 1/8" gen @30; 1-3% cse d py locy conc, locy assd w chl-sil; shrp nat trailing ct@32
BG10-12	196.70	206.60			Intermediate Dyke	med gn	gy	aph				heterogeneous; 10% dk gn chlc-alt'd pheno's in olive gn w 5% q-ank ; non mag-locy hily mag; competent; non cbd; shrp nat trailing ct@34; locy dk gy-pur (alb'd?) aph w shrp nat ct's @16+27; 3% cse d py locy conc in dk gy sil vn's@20+110
BG10-12	206.60	233.00	QP		Quartz Porphyry	buff-wt	buff-gn	cse				same unit as at Boundary Zone; gradational change- no feldspar visible;competent (RQD=70); non cbd; non mag; <1% sil+q-ank vn's to 1/8" gen @30; 1-3% cse d py locy conc, locy assd w chl-sil; shrp nat trailing ct@27 is undulatory
BG10-12	233.00	264.00	QFP		Quartz Feldspar Porphyry	pur-br	br-buff	cse				non mag; non cbd; competent-RQD=90; rare cse d py; 70% anhedral 1/8"pk-wt qtz-feld phenos; heterogeneous-hem'd/bl'd locy; 1% q-ank vn's gen@30+70; shrp trailing nat ct@10 is difficult to see (ser) - could be gradational; gy-blk xeno's to 1.5"
BG10-12	264.00	289.50	QP		Quartz Porphyry	buff-wt	buff-gn	cse				same unit as at Boundary Zone; gradational change- no feldspar visible;non competent (RQD=30)-BC common; non cbd; non mag; rare q-ank vn's to 1/2" gen @10; 1-3% cse d py locy conc, locy assd w chl-sil; shrp nat trailing ct@
BG10-12	289.50	290.20	13c		Diorite	med gy	gy-pur	med				25%-60% pk-pa gy feld in chl-after horn?phenos w 5% chl-spec fract's as stockwork;highly mag;no epi;competent-RQD=70; rare leucoxene;non cbd; spec hem locy; 4% q-ank vn's locy conc gen @40; shrp trailing nat ct@39
BG10-12	290.20	291.00	LC									
BG10-12	291.00	324.00	13c		Diorite	med gy	gy-pur	med				shr'd throughout; Main Break @308.2-308.8 is mud gouge; min'd zone (20 vein?) @285.8-289.8; 25%-60% pk-pa gy feld in chl-after horn?phenos w 5% chl-spec fract's as stockwork;non mag;no epi;competent-RQD=60; rare leucoxene;non cbd; spec hem locy; 6% q-ank vn's locy conc gen @5-30; becomes fresher after 312.0 but still shr'd, non mag+ w 5-10% q-ank+2-5% cse d py

BG10-13	0.00	8.40			Casing							at 8.39m a 0.25cm wide py vn but in FP, probable boulder
BG10-13	8.40	11.10			Diorite	dk green	light green	aph	fine			magnetic; weak spotty perv carb; 5-15% leuc flecs throughout;10-15% late opaque white qtz+dol+carb vn'ing in stress frac's;variable 2-5% fg diss py in frac's; lower contact definitive but irregular
BG10-13	11.10	71.00			Feldspar Porphyry	red-mauve-brown	pale brown	aph	med			non-magnetic; variable perv carb alt'n; 11.1 to 14.16 perv oxy'd hem, 5-7% discontinuous late qtz + minor ank vn'lets, 1-2% diss py in chl + ser frac's; *34 to 34.6m, 35.3 to 35.6m and 38.4 to 38.7m shear-flts with accompanied white carb+ chl + dol+ minor ser and variable py; after 38.7m mod perv oxy'd hem with weak to mod frac'ing & vn'ing with variable py to 49m, 2-4cm wide py vn's at 44.83 and 45.85m and mod light brown perv sil section from 47.3 to 47.8m* ; perv oxy'd hem alt'n weakens around 65m; more spec hem on slip-frac's; eoh
BG10-14	0.00	3.80			Casing							
BG10-14	3.80	9.53			Diorite	dk green		fine				variably magnetic with occasional 100% magnetite vnlets; weak to mod leuc flecs, from 8 to 9.53m moderate leuc flecs in a weak shear section + 3-5% py in frac's; lower contact definite and with Flt at 85 deg TCA
BG10-14	9.53	18.56			Feldspar Porphyry	med grey	light brown-pale red	fine	med			non magnetic; 12 to 13.2m ocassional subparallel frac-vn's 0.25 to 1.5 cm wide with 25 to 80% py at 45 to 55 deg TCA; lower contact irregular at 90 deg TCA
BG10-14	18.56	21.50			Diorite	med green		fine				15-20% leuc flecs; non-magnetic; weak perv carb; FP between 20.6 to 21m
BG10-14	21.50	31.30			Feldspar Porphyry	med grey green	mauve pale grey	fine	med			non-magnetic; 24 to 25.9m mod sil alt'n with occasional frac-vn's with minor py
BG10-14	31.30	35.70			Diorite Breccia	light grey green	dk green	aph	coarse			at upper contact with FP from **31.3 to 31.9m at 30 to 35 deg TCA a dk grey (mo) qtz vn with 1-3% diss py in hairline frac's and 1% diss py in qtz matrix;** non-magnetic unit; amorphous bx clasts absorption appearance; <5% late qtz+calcite vn'ing
BG10-14	35.70	41.53			Feldspar Porphyry	light brown green	pale brown	aph	med			non-magnetic; variable matrix colour due to variable sil? alt'n; fabric fol'n starts at 38 deg TCA at 40 to 45 deg TCA, *from 38.75 to 40.2m strong shear-fault at predominantly 50 to 55 deg TCA with gouge at 39.5m, strong sil alt'n with some fuchsite flecs;* 40.2 to 41.53m perv oxy'd hem + sil alt'n with two 0.5 cm wide py vn's; sharp irregilar contact with diorite
BG10-14	41.53	47.00			Diorite Breccia	dk green		fine	coarse			strongly magnetic; sub rounded to rounded clasts 1 to 4 cm in size; 41.53 to 42.2m 15-20% leuc flecs with 5-7% py in frac's and in matrix
BG10-14	47.00	68.00			Diorite	dk green		fine	med			strongly magnetic except where sil alt'n; **Py + sil + oxy'd hem alt'n + leuc flecs at following sections 47 to 48.2m, 49 to 50.1m, weaker sections from 50.8 to 52.5m, 59.7 to 60.6m, 63.5 to 63.8m, 64.5 to 65.5 contraolled by greater frac'ing and or flt+shearing;** lower contact irregular with FP at generally 20 deg TCA, leuc flecs + 5-7% py + 10% grey-white carb and white qtz vn'ing near contact from 67.5 to 68
BG10-14	68.00	77.40			Feldspar Porphyry							68 to 69.3m 10-15% late white opaque qtz + carb+ ank vn'ing; drill hole direction probably along FP-Diorite contact with sections of diorite from 69 to 69.7m and 72.1 to 73.2m with contacts at 20 to 25 deg TCA, these sections are mineralized with luec flecs, variably magnetic with 1 to 8% diss py; lower contact sharp at 20 deg TCA.
BG10-14	77.40	80.00			Diorite							77.4 to 77.8m strong leuc flecs + chl vn's + 5% qtz+carb+ank vn'ing near contact 1-2% diss py; 77.8 to 77.91m Flr with qtz+magnetite at 75 deg TCA; unaltered diorite to EOH
BG10-15	0.00	4.30			Casing							
BG10-15	4.30	40.90			Diorite	dk green		aph	fine			magnetic except where alt'd; sections with shear + brittle frac'ing with carb+sil alt'n + leuc flecs+ sometimes py in vn's + frac's; **Py+ Carb+Sil+Leuc Flec+ Shear-Frac Zones at 7.8 to 8.7m, 9.9 to 10.23m, 10.8 to 13.4m, 15.5 to 16.3m; from 18.5 to 28.5m Weak to Strong Py+ Weak Frac'd + occasional Dk qtz-mo + leuc flecs + minor carb Zone, fine visible gold flecs at 25.1m in a 20 cm dk qtz vn due to mo; 39.2m to 40.9m (contact) frac's at 50 to 70 deg TCA with py;** lower contact broken core but appears to be high angle to TCA
BG10-15	40.90	81.00			Feldspar Porphyry	mauve red brown	med green	fine	med			non-magnetic; some sections are bimodal; strong perv hem alt'n from diorite contact to 42.5m and weak hem alt'm to 45.6; other section with perv hem alt'n where usually where an increase in qtz+carb vn'ing; **a continuation of zone from 39.2m in diorite 40.9 to 42.55m 2mm to 3cm wide multiple vn-frac's with 80% fg anhedral py at 25 and 50 deg TCA;** 43 to 43.2m later phase of FP or alt'n front?
BG10-16	0.00	6.00			Casing							
BG10-16	6.00	47.70			Diorite	dk green	med green	aph	fine			overall 5% late opaque carb vn's usually <1 cm wide; magnetic except where sheared + frac'd with sil alt'n showing leuc flecs; Shear - Frac'd Zones with leuc flecs + variable sil alt'n with py at 6.8 to 8m, 11.8 to 13.5m, 14.5 to 16.8m, 17.8 to 18.4m, **23.4 to 26.4m**, 28.35 to 29.5m; perv carb increases up to upcoming shear zone and ends at 45.7m; **45.2 to 48.3m Main MH Zone? Strong Shear + Sil + Leuc Flecs + Chl + Py + Blue Qtz (mo), penetrative shear frac's with chl + py at 45 to 60 deg TCA, 46.9 to 47.5m blue qtz with strong py bands, contact with FP is broken, shear zone continues into FP to 48.3m**

BG10-16	47.70	81.00			Feldspar Porphyry	red-brown	med grey green	fine	med			non-magnetic; sections with variable perv silica or hem alt'n usually attributable to brittle frac'ing; less than 2% qtz + minor calcite vning; couple of narrow frac'd sections with py in vn's at 52.6 and 56.4m
BG10-17	0.00	1.8	100		Casing							
BG10-17	1.80	17.10	QP		Quartz Porphyry	buff-wt	buff-gn	cse				same unit as at Boundary Zone; no feldspar visible;competent (RQD=90); non cbd; non mag; 1% sil-chl+q-ank vn's to 1/8" gen @45; 1-3% cse d py locy conc, locy assd w chl-sil; v shrp nat trailing ct@62;
BG10-17	17.10	19.35			Intermediate Dyke	buff	pa gn-y	fine				10% dk gn chlc pheno's?+ 30% qtz phenos? in pa olive-y gn; non mag; competent; 5% q-ank gen@50; non cbd; shrp nat trailing ct@35; min'd@18.2-18.35, 19.25-19.85
BG10-17	19.35	23.50	QP		Quartz Porphyry	buff-wt	buff-gn	cse				same unit as at Boundary Zone; no feldspar visible;competent (RQD=90); non cbd; non mag; 1% sil-chl+q-ank vn's to 1/8" gen @45; 1-3% cse d py locy conc, locy assd w chl-sil; v shrp nat trailing ct@32;
BG10-17	23.50	27.05			Intermediate Dyke	buff	pa gn-y	fine				10% dk gn chlc pheno's?+ 30% qtz phenos? in pa olive-y gn; 3% cse d py; non mag; competent; non cbd; shrp nat trailing ct@19; min'd @23.5-23.6, 25.75-26.0, 26.5-26.7
BG10-17	27.05	28.55	QP		Quartz Porphyry	buff-wt	buff-gn	cse				same unit as at Boundary Zone; no feldspar visible;competent (RQD=90); non cbd; non mag; 1% sil-chl+q-ank vn's to 1/8" gen @45; 1-3% cse d py locy conc, locy assd w chl-sil; v shrp nat trailing ct@35; min'd@28.1-28.45
BG10-17	28.55	38.50			Intermediate Dyke	buff	pa gn-y	fine				10% dk gn chlc pheno's?+ 30% qtz phenos? in pa olive-y gn; non mag; competent; 10% q-ank@29.7-34.0; poss different int dyke-buff@31.4-31.9@50; non cbd; shrp nat trailing ct@20
BG10-17	38.50	43.60	8a		Conglomerate	dk gn	gy-gn	cse				could be porphyry that has swallowed country rock or tuff; 20% rounded clasts to 1"; poorly sorted; dk gy-gn matrix contains 20% qtz-dirty por?; non magnetic; non cbd;shrp nat trailing ct@10; 30% pa gn-y alt'n; min'd@39.9-40.9
BG10-17	43.60	44.35			Intermediate Dyke	buff	pa gn-y	fine				10% dk gn chlc pheno's?+ 30% qtz phenos? in pa olive-y gn; non mag; competent; non cbd; shrp nat trailing ct@54
BG10-17	44.35	166.85	8a		Conglomerate	dk gn	gy-gn	cse				could be porphyry that has swallowed country rock or tuff; 20% rounded clasts to 1"; poorly sorted; dk gy-gn matrix contains 20% qtz-dirty por?; non magnetic; non cbd; trailing ct is flt; 30% pa gn-y alt'n w ser-ank; min'd@44.4-44.8, 45.3-45.6, 50.2-50.5, 61.9-63.3 (str), 67.5-67.6, 73.2-73.3,74.8-74.9,75.8-76.1(str), 78.4-78.5,90.2-90.5,98.3-98.5(str),
BG10-17	166.85	178.70	13c		Diorite	dk gy	gy-gn	med				25%-45% pk-pa gy feld in chl-after horn?phenos; non mag; competent-RQD=70 (then =40@189.0-178.7); trailing ct shrp nat@25 ;
BG10-17	178.70	179.60	5f		Ash Tuff	pur	pur-gy	med	fine			no bedding/jaspers; not cbd; non mag; competent-RQD=80; 1% cse d py locy conc; shrp nat trailing ct @53; 20% q-ank bx's tuff; could be alt'd sy
BG10-17	179.60	249.20	13c		Diorite	dk gy	gy-gn	med				25%-45% pk-pa gy feld in chl-after horn?phenos; non mag (except 191.0-191.3 hily mag+ mody mag after 219.0); competent-RQD=40, then =5 after 240.0; trailing ct in BC;
BG10-17	249.20	250.20	QFP		Quartz Feldspar Porphyry	pur-gy	br	med				non magnetic, non cbd; 10% qtz+10% feld pheno's; fresh; not competent-RQD=40; homogeneous; trailing ct is shrp nat@37 is indistinct
BG10-17	250.20	271.70	13c		Diorite	dk gy	gy-gn	med				25%-45% pk-pa gy feld in chl-after horn?phenos; hily mag+ mody mag; competent-RQD=40, then =5 after 240.0; trailing ct in BC;
BG10-17	271.70	278.00	QFP		Quartz Feldspar Porphyry	pur-gy	br	med				non magnetic, non cbd; 10% qtz+10% feld pheno's; fresh; not competent-RQD=40; homogeneous; trailing ct is in BC; diorite inlier in BC @272.8-273.7
BG10-17	278.00	282.70	13c		Diorite	dk gy	gy-gn	med				25%-45% pk-pa gy feld in chl-after horn?phenos; hily-mody mag; not competent-RQD=10, then =90 after 278.5; shrp nat trailing ct@52;
BG10-17	282.70	285.60	5f		Ash Tuff	pur	pur-gy	med	fine			no bedding/jaspers; not cbd; non mag; competent-RQD=80; 1% cse d py locy conc; shrp nat trailing ct @57; 5% q-ank gen@50; could be alt'd sy
BG10-17	285.60	294.75	BP		Bimodal Porphyry	br-red	pur-buff	cse				fresh; competent-RQD=90; non mag; 10% 1/4"euhedral feld phenos+30%feld +10%qtz 1/8" phenos; non cbd; homogeneous; 5% q-ank; locy bl'd; 1-2% cse d py; rare xeno's dk gn to 1/2"; homogeneous; trailing ct is shrp nat@52
BG10-17	294.75	304.65	QFP		Quartz Feldspar Porphyry	br-red	gy-br	med				non magnetic, non cbd; 10% qtz+10% feld pheno's; hily alt'd; not competent-RQD=40; trailing ct is in BC; diorite inliers@294.75-295.25, 299.3-300.1, 301.5-301.8, 302.5-302.8 are hily alt'dw ct's gen @25-40; 1% q-ank gen @55-70
BG10-17	304.65	310.50	5f		Ash Tuff	gn	pur-gy	med	fine			no bedding/jaspers; not cbd; non mag; competent-RQD=80; 3% cse d py locy conc; shrp nat trailing ct @35; 2% q-ank gen@70; could be alt'd dio bx; lapillis to 1"-some felsic w 30% qtz 1/8" phenos; hily mttled
BG10-17	310.50	340.65	QFP		Quartz Feldspar Porphyry	br-red	br	med				non magnetic, non cbd; 10% qtz+10% feld pheno's; hily alt'd; hily competent-RQD=90; trailing ct is shrp nat@58; posy tra @335.15-340.65 where v hily bl'd buff +mottled; 10% q-ank vn's to 1/8" consistent throughout to 321 (2% thereafter) gen@70; locy pa gy-med gy qtz frag's sim to SHZ; min'd@322.5-322.9, 326.2-327.3, 332.3-335.15, 338.9-339.0, 339.6-340.65
BG10-17	340.65	342.20			Intermediate Dyke	buff	pa gn-y	fine				10% dk gn+emerald gn (fusch) chlc pheno's?+ 30% qtz phenos? in pa olive-y gn; non mag; competent; non cbd; shrp nat trailing ct@68; min'd @341.75-342.2; 10% q-ank

BG10-17	342.20	369.00	13c		Diorite	dk gy	pa gy	med				25%-45% pk-pa gy feld in chl-after horn?phenos; hily mag except where min'd; 10-15% leuco+hily bl'd where min'd; competent-RQD=90; non cbd; 3% cse d+vn'd py locy conc; freshens quickly downhole; 3-5% q-ank gen@75
BG10-18	0.00	1.6	100		Casing							
BG10-18	1.60	17.80	QP		Quartz Porphyry	buff-wt	buff-gn	cse				same unit as at Boundary Zone; no feldspar visible;competent (RQD=90); non cbd; non mag; 1% sil-chl+q-ank vn's to 1/8" gen @45; 1-3% cse d py locy conc, locy assd w chl-sil; shrp nat trailing ct@80; min'd@4.2-4.3
BG10-18	17.80	19.40			Diorite Bx	gy	gn-gy	cse	med			10% bx frag's up to 0.1m in dio (could be tuff); resorbed ct's rounded; non magnetic; competent-RQD=80; non cbd; fg matrix feld+ 20% mafics -chl after horn?; shrp nat ct@48; min'd@18.5-18.6
BG10-18	19.40	24.25	QP		Quartz Porphyry	buff-wt	buff-gn	cse				same unit as at Boundary Zone; no feldspar visible;competent (RQD=90); non cbd; non mag; 1% sil-chl+q-ank vn's to 1/8" gen @45; 1-3% cse d py locy conc, locy assd w chl-sil; v shrp nat trailing ct@33; 2 py vn's; min'd@19.4-19.6
BG10-18	24.25	25.30			Diorite Bx	gy	gn-gy	cse	med			10% bx frag's up to 0.1m in dio (could be tuff); resorbed ct's rounded; non magnetic; competent-RQD=80; non cbd; fg matrix feld+ 20% mafics -chl after horn?; shrp nat ct@68
BG10-18	25.30	25.80	5f		Ash Tuff	pur	pur-gy	med	fine			no bedding/jaspers; not cbd; non mag; competent-RQD=80; 1% cse d py locy conc; shrp nat trailing ct @38;
BG10-18	25.80	27.80			Diorite Bx	gy	gn-gy	cse	med			10% bx frag's up to 0.1m in dio (could be tuff); resorbed ct's rounded; non magnetic; competent-RQD=80; non cbd; fg matrix feld+ 20% mafics -chl after horn?; shrp nat ct@65; min'd@27.0
BG10-18	27.80	29.00	QP		Quartz Porphyry	buff-wt	buff-gn	cse				same unit as at Boundary Zone; no feldspar visible;competent (RQD=90); non cbd; non mag; 1% sil-chl+q-ank vn's to 1/8" gen @45; 1-3% cse d py locy conc, locy assd w chl-sil; v shrp nat trailing ct@40; 2 py vn's; min'd@28.5-28.95
BG10-18	29.00	31.20			Diorite Bx	gy	gn-gy	cse	med			10% bx frag's up to 0.1m in dio (could be tuff); resorbed ct's rounded; non magnetic; competent-RQD=80; non cbd; fg matrix feld+ 20% mafics -chl after horn?; shrp nat ct@37
BG10-18	31.20	31.70			Intermediate Dyke	buff	pa gn-y	fine				10% dk gn chlc pheno's?+ 30% qtz phenos? in pa olive-y gn; non mag; competent; 5% q-ank gen@50; non cbd; shrp nat trailing ct@45; min'd wy @ ct's
BG10-18	31.70	38.20			Diorite Bx	gy	gn-gy	cse	med			10% bx frag's up to 0.1m in dio (could be tuff); resorbed ct's rounded; non magnetic; competent-RQD=80; non cbd; fg matrix feld+ 20% mafics -chl after horn?; shrp nat trailing ct@57
BG10-18	38.20	44.80	5f		Ash Tuff	pur	pur-gy	med	fine			no bedding/jaspers-could be dio bx but ct's; not cbd; non mag; competent-RQD=80; 1% cse d py locy conc; shrp nat trailing ct @55;
BG10-18	44.80	80.75	13c		Diorite Bx	gy	gn-gy	cse	med			10% bx frag's up to 0.1m in dio (could be tuff); resorbed ct's rounded; non magnetic; competent-RQD=80; non cbd; fg matrix feld+ 20% mafics -chl after horn?; shrp nat trailing ct@40; min'd@50.6-50.7, 62.8-63.2, 70.5-70.8, 76.2-76.4
BG10-18	80.75	81.15			Intermediate Dyke	buff	pa gn-y	fine				10% dk gn chlc pheno's?+ 30% qtz phenos? in pa olive-y gn; non mag; competent; non cbd; shrp nat trailing ct@30;
BG10-18	81.15	111.00	13c		Diorite Bx	gy	gn-gy	cse	med			10% bx frag's up to 0.1m in dio (could be tuff); resorbed ct's rounded; non magnetic; competent-RQD=80; non cbd; fg matrix feld+ 20% mafics -chl after horn?;hily locy bl'd- less alt'd after 82.0; shrp nat trailing ct@40; hole stopped-off line
BG10-18B	0.00	1.7	100		Casing							
BG10-18B	1.70	15.00	QP		Quartz Porphyry	buff-wt	buff-gn	cse				same unit as at Boundary Zone; no feldspar visible;competent (RQD=90); non cbd; non mag; 1% sil-chl+q-ank vn's to 1/8" gen @45; 1-3% cse d py locy conc, locy assd w chl-sil;
BG10-18C	0.00	1.9	100		Casing							
BG10-18C	1.90	17.25	QP		Quartz Porphyry	buff-wt	buff-gn	cse				same unit as at Boundary Zone; no feldspar visible;competent (RQD=90); non cbd; non mag; 1% sil-chl+q-ank vn's to 1/8" gen @45; 1-3% cse d py locy conc, locy assd w chl-sil; v shrp nat trailing ct@44;
BG10-18C	17.25	18.30			Intermediate Dyke	buff	pa gn-y	fine				10% dk gn chlc pheno's?+ 30% qtz phenos? in pa olive-y gn; non mag; competent; 5% q-ank gen@50; non cbd; shrp nat trailing ct@34; min'd wy @ ct's
BG10-18C	18.30	24.55	QP		Quartz Porphyry	buff-wt	buff-gn	cse				same unit as at Boundary Zone; no feldspar visible;competent (RQD=90); non cbd; non mag; 1% sil-chl+q-ank vn's to 1/8" gen @45; 1-3% cse d py locy conc, locy assd w chl-sil; v shrp nat trailing ct@74; 2 py vn's
BG10-18C	24.55	27.60			Intermediate Dyke	buff	pa gn-y	fine				10% dk gn chlc pheno's?+ 30% qtz phenos? in pa olive-y gn; 3% cse d py; non mag; competent; non cbd; posy buff tuff unit @25.4-25.8@69; shrp nat trailing ct@55 is indistinct;
BG10-18C	27.60	29.00	QP		Quartz Porphyry	buff-wt	buff-gn	cse				same unit as at Boundary Zone; no feldspar visible;competent (RQD=90); non cbd; non mag; 1% sil-chl+q-ank vn's to 1/8" gen @45; 1-3% cse d py locy conc, locy assd w chl-sil; v shrp nat trailing ct@42; min'd@28.7-29.0
BG10-18C	29.00	31.30			Intermediate Dyke	buff	pa gn-y	fine				10% dk gn chlc pheno's?+ 30% qtz phenos? in pa olive-y gn; non mag; competent; non cbd; shrp nat trailing ct@16

BG10-18C	31.30	32.50	5f		Ash Tuff	pur	pur-gy	med	fine			no bedding/jaspers; not cbd; non mag; competent-RQD=80; 1% cse d py locy conc; shrp nat trailing ct @38;
BG10-18C	32.50	39.60			Diorite Bx	gy	gn-gy	cse	med			10% bx frag's up to 0.1m in dio (could be tuff); resorbed ct's rounded; non magnetic; competent-RQD=80; non cbd; fg matrix feld+ 20% mafics -chl after horn?; shrp nat ct@60
BG10-18C	39.60	45.50	5f		Ash Tuff	pur	buff-gn	med	fine			posy bedding @55 locy; no jaspers; not cbd; non mag; competent-RQD=80; 1% cse d py locy conc; indistinct trailing ct; could be alt'd dio bx; min'd@41.6-42.4
BG10-18C	45.50	46.70			Diorite Bx	gy	gn-gy	cse	med			10% bx frag's up to 0.1m in dio (could be tuff); resorbed ct's rounded; non magnetic; competent-RQD=80; non cbd; fg matrix feld+ 20% mafics -chl after horn?; shrp nat trailing ct@55
BG10-18C	46.70	48.05	QFP		Quartz Feldspar Porphyry	or-red	br	med				non magnetic, non cbd; 10% qtz+10% feld pheno's; mody alt'd; hily competent-RQD=90; trailing ct is shrp nat@43;
BG10-18C	48.05	112.35	13c		Diorite Bx	gy	gn-gy	cse	med			10% bx frag's up to 0.1m in dio (could be tuff); resorbed ct's rounded; non magnetic; competent-RQD=80; non cbd; fg matrix feld+ 20% mafics -chl after horn?; less alt'd after 75.0; shrp nat trailing ct@30; min'd@50.3-50.4, 56.7-56.9, 63.9-64.2, 64.9-65.0, 72.2, 80.3-80.4, 101.4-101.55
BG10-18C	112.35	113.90	QFP		Quartz Feldspar Porphyry	or-red	br	med				non magnetic, non cbd; 10% qtz+10% feld pheno's; mody alt'd; 20% q-ank locy conc-@35 w sil'n+ser'n; 2% f d py in chl clots; hily competent-RQD=90; trailing ct is shrp nat@43;
BG10-18C	113.90	181.00	13c		Diorite Bx	gy	gn-gy	cse	med			10% bx frag's up to 0.1m in dio (could be tuff); resorbed ct's rounded; non magnetic; competent-RQD=80; non cbd; fg matrix feld+ 20% mafics -chl after horn?; shrp nat trailing ct@30; min'd@121.7-124.4
BG10-18C	181.00	183.45	5f		Ash Tuff	pur	pur-gy	med	fine			no bedding/jaspers; not cbd; non mag; competent-RQD=80; 1% cse d py locy conc; shrp nat trailing ct @55;
BG10-18C	183.45	192.45	13c		Diorite Bx	gy	gn-gy	cse	med			10% bx frag's up to 0.1m in dio (could be tuff); resorbed ct's rounded; non magnetic; competent-RQD=80; non cbd; fg matrix feld+ 20% mafics -chl after horn?; shrp nat trailing ct@70;
BG10-18C	192.45	193.00	QFP		Quartz Feldspar Porphyry	pur-gy	br	med				wy magnetic, non cbd; 10% qtz+10% feld pheno's; fresh; hily competent-RQD=90; trailing ct is shrp nat@70;
BG10-18C	193.00	194.95	13c		Diorite Bx	gy	gn-gy	cse	med			10% bx frag's up to 0.1m in dio (could be tuff); resorbed ct's rounded; non magnetic; competent-RQD=80; non cbd; fg matrix feld+ 20% mafics -chl after horn?; shrp nat trailing ct@70;
BG10-18C	194.95	195.35	QFP		Quartz Feldspar Porphyry	pur-gy	br	med				wy magnetic, non cbd; 10% qtz+10% feld pheno's; fresh; hily competent-RQD=90; trailing ct is shrp nat@80;
BG10-18C	195.35	198.60	13c		Diorite Bx	gy	gn-gy	cse	med			10% bx frag's up to 0.1m in dio (could be tuff); resorbed ct's rounded; non magnetic; competent-RQD=80; non cbd; fg matrix feld+ 20% mafics -chl after horn?; shrp nat trailing ct@70;
BG10-18C	198.60	199.20	QFP		Quartz Feldspar Porphyry	pur-gy	br	med				wy magnetic, non cbd; 10% qtz+10% feld pheno's; fresh; hily competent-RQD=90; trailing ct is shrp nat@80;
BG10-18C	199.20	201.20	13c		Diorite Bx	gy	gn-gy	cse	med			10% bx frag's up to 0.1m in dio (could be tuff); resorbed ct's rounded; non magnetic; competent-RQD=80; non cbd; fg matrix feld+ 20% mafics -chl after horn?; shrp nat trailing ct@50;
BG10-18C	201.20	204.00	QFP		Quartz Feldspar Porphyry	pur-gy	br	med				wy magnetic, non cbd; 10% qtz+10% feld pheno's; fresh; hily competent-RQD=90; trailing ct is shrp nat@45;
BG10-18C	204.00	267.70	13c		Diorite	gy	gn-gy	cse	med			25%-60% pk-pa gy feld in chl-after horn?phenos (speckled w gn clots); non mag until 228.0-then hily mag+ dk gy-pur vs.dk gn; no epi clots; competent-RQD=80 until 219.5-then = 20; hily cbd; shrp nat trailing ct@60;
BG10-18C	267.70	267.90	QFP		Quartz Feldspar Porphyry	pur-gy	br	med				wy magnetic, non cbd; 10% qtz+10% feld pheno's; fresh; hily competent-RQD=90; trailing ct is in BC;
BG10-18C	267.90	270.85	13c		Diorite	gy	gn-gy	cse	med			25%-60% pk-pa gy feld in chl-after horn?phenos (speckled w gn clots); mody mag+ dk gy-pur; no epi clots; not competent-RQD=20; hily cbd; shrp nat trailing ct@70;
BG10-18C	270.85	273.60	QFP		Quartz Feldspar Porphyry	pur-gy	br	med				wy magnetic, non cbd; 10% qtz+10% feld pheno's; fresh; hily competent-RQD=90; trailing ct is in BC;
BG10-18C	273.60	278.00	13c		Diorite	gy	gn-gy	cse	med			25%-60% pk-pa gy feld in chl-after horn?phenos (speckled w gn clots); hily mag+ dk gy-pur; no epi clots; not competent-RQD=20; hily cbd; shrp nat trailing ct@70;
BG10-18C	278.00	278.45	QFP		Quartz Feldspar Porphyry	pur-gy	br	med				wy magnetic, non cbd; 10% qtz+10% feld pheno's; fresh; hily competent-RQD=90; trailing ct is shrp nat@80;
BG10-18C	278.45	290.30	13c		Diorite	gy	gn-gy	cse	med			25%-60% pk-pa gy feld in chl-after horn?phenos (speckled w gn clots); hily mag+ dk gy-pur; no epi clots; competent-RQD=80; hily cbd; trailing ct in BC; block mistake -2*279 blocks 3m apart-must add 3m after 280m (sample 280.35 is really 283.35)

BG10-18C	290.30	302.90	BP		Bimodal Porphyry	br-red	pur-buff	cse				fresh; competent-RQD=90; non mag; 10% 1/4"euhedral feld phenos+30%feld +10%qtz 1/8" phenos; non cbd; homogeneous; 1% q-ank; locy bl'd; 1-2% cse d py; rare xeno's dk gn to 1/2"; trailing ct is shrp nat@30
BG10-18C	302.90	305.20	13c		Diorite	gy	gn-gy	cse	med			25%-60% pk-pa gy feld in chl-after horn?phenos (speckled w gn clots); hily mag+ dk gy-pur; no epi clots; competent-RQD=80; hily cbd; shrp nat trailing ct@70;
BG10-18C	305.20	310.70	QFP		Quartz Feldspar Porphyry	pur-gy	br	med				wy magnetic, non cbd; 10% qtz+10% feld pheno's; fresh; hily competent-RQD=90; trailing ct is indistinct
BG10-18C	310.70	314.70	13c		Diorite	gy	gn-gy	cse	med			25%-60% pk-pa gy feld in chl-after horn?phenos (speckled w gn clots); hily mag+ dk gy-pur; no epi clots; non magnetic; competent-RQD=80; hily cbd; shrp nat trailing ct@30;
BG10-18C	314.70	315.10	QFP		Quartz Feldspar Porphyry	pur-gy	br	med				wy magnetic, non cbd; 10% qtz+10% feld pheno's; fresh; hily competent-RQD=90; trailing ct is shrp nat@45;
BG10-18C	315.10	319.60	13c		Diorite	gn	pa gy	cse	med			25%-60% pk-pa gy feld in chl-after horn?phenos (speckled w gn clots); no epi clots; non magnetic; competent-RQD=80; hily cbd; trailing ct in BC;
BG10-18C	319.60	329.30	5f		Ash Tuff	pur	pur-gy	med	fine			no bedding/jaspers; not cbd; non mag; competent-RQD=80; 3% cse d py locy conc; shrp nat trailing ct @45 is indistinct other than colour; could be alt'd dio bx, or fel sy; min'd@320.2-320.3
BG10-18C	329.30	351.30	QFP		Quartz Feldspar Porphyry	br-red	pa gn	med				non magnetic, non cbd; 10% qtz+10% feld pheno's; hily alt'd; hily competent-RQD=90; trailing ct is slip;10% q-ank vn's to 1/8" consistent throughout to 339 (2% thereafter) gen@80; locy pa gy-med gy qtz frag's sim to SHZ; gn-posy q por w 20% sil'n med gy+dk gy frag's-@329.3-339.2, min'd@349.15-349.3
BG10-18C	351.30	354.20	5f		Ash Tuff	pur	pur-gy	med	fine			no bedding/jaspers; not cbd; non mag; competent-RQD=80; 3% cse d py locy conc; shrp nat trailing ct @55; could be alt'd dio bx, or fel sy;
BG10-18C	354.20	356.50			Intermediate Dyke	buff	pa gn-y	fine				10% dk gn chlc pheno's?+ 30% qtz phenos? in pa olive-y gn; 3% cse d py; non mag; competent; non cbd; shrp nat trailing ct@45
BG10-18C	356.50	357.70	QFP		Quartz Feldspar Porphyry	pur-br	red-br	med				non magnetic, non cbd; 10% qtz+10% feld pheno's; wy alt'd; hily competent-RQD=90; trailing ct is shrp nat@35;
BG10-18C	357.70	374.80	13c		Diorite Bx	gy	gn-gy	cse	med			10% bx frag's up to 0.1m in dio (could be tuff); resorbed ct's rounded; non magnetic; competent-RQD=80; non cbd; fg matrix feld+ 20% mafics -chl after horn?; shrp nat trailing ct@40;
BG10-18C	374.80	417.00	13c		Diorite	blk	dk gy	cse	med			25%-60% pk-pa gy feld in chl-after horn?phenos (speckled w gn clots); v hily mag-except where min'd; no epi clots; competent-RQD=80; hily cbd; 10-15% leuco @ min'd zones
BG10-19	0.00	3.5	100		Casing							
BG10-19	3.50	25.50	8b		Wacke	buff		fine	aph			non mag; non cbd; arenitic; 1% carb vn's+q-ank@30 gen; jasper locy; gen homogeneous; locy clasts to 1" attenuated @4:1; shr'd wy; 3% cse d py-locy blebs; locy chl fract's+q-ank conc; some fuschitic clasts; locy ser'd; locy posy alb'd
BG10-19	25.50	36.00	8a		Conglomerate	buff		cse				20% well-rounded clasts to 1"; poorly sorted; buff arenitic matrix contains; non magnetic; non cbd; hily fol'd@29-clasts attenuated @4:1; almost mudstone inlier@31.8-32.3 @23
BG10-19	36.00	69.90	8b		Wacke	buff		fine	aph			non mag; non cbd; arenitic; 1% carb vn's+q-ank@30 gen; jasper locy; gen homogeneous; locy clasts to 1" attenuated @4:1; shr'd wy; 3% cse d py-locy blebs; locy chl fract's+q-ank conc; some fuschitic clasts; locy ser'd; locy posy alb'd; Brk @ trailing ct-v str
BG10-19	69.90	83.30	QFP		Quartz Feldspar Porphyry	br-buff	buff	med				as below but bx w 40% attenuated bl'd bx frag's ; hily ser'd; abun fushite@76.5-80.5; non magnetic, non cbd; 10% qtz+10% feld pheno's; alt'd; competent-RQD=70; trailing ct is shrp nat@36;
BG10-19	83.30	93.30	QFP		Quartz Feldspar Porphyry	br-red	buff	med				not typical por-3% em gn phenos; non magnetic, non cbd; 10% qtz+10% feld pheno's; alt'd; competent-RQD=100; trailing ct is shrp nat@48;
BG10-19	93.30	94.40	5f		Ash Tuff	pur	pur-gy	med	fine			no bedding/jaspers; not cbd; non mag; competent-RQD=50; 3% cse d py locy conc; shrp nat shr'd trailing ct @35; ser'd; 20% ank frag's; shr'd; could be alt'd dio bx, or fel sy;
BG10-19	94.40	100.70	8b		Wacke	buff		fine	aph			non mag; non cbd; arenitic; one jasper; 6% q-ank@37 gen; gen homogeneous; shr'd stry; rare cse d py; locy chl fract's+q-ank conc; locy ser'd; str flt trailing ct imm prec by shr'g
BG10-19	100.70	110.00	QFP		Quartz Feldspar Porphyry	br-red	br	med				non magnetic, non cbd; 10% qtz+10% feld pheno's; alt'd; competent-RQD=80; trailing ct is shrp nat@22;min'd @102.9-103.4
BG10-19	110.00	131.70	13c		Diorite Bx	gy	gn-gy	cse	med			10% bx frag's up to 0.1m in dio; resorbed ct's rounded; non magnetic; not competent-RQD=30; hily cbd; fg matrix feld+ 20% mafics -chl after horn?; shrp nat trailing ct@37; 2% spec
BG10-19	131.70	136.70	QFP		Quartz Feldspar Porphyry	br-red	br	med				non magnetic, non cbd; 10% qtz+10% feld pheno's; alt'd; competent-RQD=80; trailing ct is shrp nat@75; min'd@134.5-136.4
BG10-19	136.70	229.35	13c		Diorite	med gy	gn-gy	cse	med			25%-60% pk-pa gy feld in chl-after horn?phenos; non mag to 143.0 (locy wy mag)+172.0-183.0, otherwise hily mag;3% epi clots after144.0; not competent-RQD=10 except =40@ 202.5-229.35; hily cbd; shrp nat trailing ct@49; min'd@195.9-196.2
BG10-19	229.35	230.40			Basic Syenite	gy	br-gy	med				5% augite phenos are blk-gy; hily mag; hily cbd; competent-RQD=50; shrp nat trailing ct@53; 3% q-ank pk vn's to 1/4"-gen@55;

BG10-19	230.40	248.75	13c		Diorite	med gy	gn-gy	cse	med			25%-60% pk-pa gy feld in chl-after horn?phenos; hily mag; 3% epi clots; not competent-RQD=20, then =60@244.0-248.75; hily cbd; shrp nat trailing ct@62;
BG10-19	248.75	252.80	BP		Bimodal Porphyry	pur-gy	pur	cse				fresh; competent-RQD=70; non mag; 10% 1/4"euhedral feld phenos+30%feld +10%qtz 1/8" phenos; non cbd; homogeneous; rare cse d py; rare xeno's dk gn to 1/2"; trailing ct is shrp nat@51; inlier of diorite@250.2-250.9
BG10-19	252.80	358.20	13c		Diorite	med gy	gn-gy	cse	med			25%-60% pk-pa gy feld in chl-after horn?phenos; hily mag; 3% epi clots/vn's; RQD=80 to 264.0, then not competent-RQD=20 to 274.0, then =80 ; hily cbd; shrp nat trailing ct@42; locy 5-10% leuco+2% cse d py+non mag where min'd; 3-5% q-ank-carb vn's gen@45@320.0-358.2; min'd@312.5-312.9, 326.9-327.2, 328.8-329.2
BG10-19	358.20	364.90	13c		Diorite	pa gn	med gn	fine				abrupt change; volcanic-looking; constituents look the same but much finer-grained; becomes darker downhole+ cser grained (diorite); non mag; 3% epi clots/vn's; RQD=80; hily, then non cbd; shrp nat trailing ct@42; locy 5-10% leuco+2% cse d py where min'd; 3-5% q-ank vn's gen@35; drift/stope @364.9-366.0 (not alt'd either side); min'd@363.6-363.9
BG10-19	364.90	366.00	150		Stope							or drift
BG10-19	366.00	371.25	13c		Diorite	pa gn	med gn	fine				
BG10-19	371.25	375.15	BP		Bimodal Porphyry	pur-gy	pur	cse				fresh; competent-RQD=70; non mag; 10% 1/4"euhedral feld phenos+30%feld +10%qtz 1/8" phenos; non cbd; homogeneous; rare cse d py; rare xeno's dk gn to 1/2"; trailing ct is shrp nat@25;
BG10-19	375.15	376.15	13c		Diorite	med gy	gn-gy	cse	med			25%-60% pk-pa gy feld in chl-after horn?phenos; hily mag; 3% epi clots; competent-RQD=90; non cbd; shrp nat trailing ct@25;
BG10-19	376.15	378.50	BP		Bimodal Porphyry	pur-gy	pur	cse				fresh; competent-RQD=70; non mag; 10% 1/4"euhedral feld phenos+30%feld +10%qtz 1/8" phenos; non cbd; homogeneous; rare cse d py; rare xeno's dk gn to 1/2"; trailing ct is shrp nat@66;
BG10-19	378.50	384.00	13c		Diorite	pa gn	med gn	fine				non mag; 3% epi clots/vn's; RQD=80; non cbd; feld-epi pheno's to 1/2" (like diabase);
BG10-20	0.00	1.8	100		Casing							
BG10-20	1.80	26.95	QP		Quartz Porphyry	buff-wt	buff-gn	cse				same unit as at Boundary Zone; no feldspar visible;competent (RQD=90); non cbd; non mag; 1% sil-chl+q-ank vn's to 1/8" gen @45; 1-3% cse d py locy conc, locy assd w chl-sil; shr'd trailing ct@52; min'd@3.63.7, 18.2-18.3, 24.85-25.2, 26.65-27.05
BG10-20	26.95	28.70	5f		Ash Tuff	pur	pur-gy	med	fine			no bedding/jaspers; not cbd; non mag; competent-RQD=80; 1% cse d py locy conc; shrp nat trailing ct @61;
BG10-20	28.70	30.15	13c		Diorite Bx	gy	gn-gy	cse	med			10% bx frag's up to 0.1m in dio (could be tuff); resorbed ct's rounded; non magnetic; competent-RQD=80; non cbd; fg matrix feld+ 20% mafics -chl after horn?; shrp nat ct@15
BG10-20	30.15	41.25	QP		Quartz Porphyry	buff-wt	buff-gn	cse				same unit as at Boundary Zone; no feldspar visible;competent (RQD=90); non cbd; non mag; 5% q-ank vn's 1/8" gen @45; 1-3% cse d py locy conc, locy assd w chl-sil; hily sil'd; shrp nat trailing ct@45;
BG10-20	41.25	47.20	13c		Diorite Bx	gy	gn-gy	cse	med			10% bx frag's up to 0.1m in dio (could be tuff); resorbed ct's rounded; non magnetic; competent-RQD=80; non cbd; fg matrix feld+ 20% mafics -chl after horn?; shrp nat ct@45; min'd @44.3-45.0
BG10-20	47.20	56.65			Intermediate Dyke	buff	pa gn-y	fine				10% dk gn chlc pheno's?+ 30% qtz phenos? in pa olive-y gn; non mag; competent; non cbd; shrp nat trailing ct@55; min'd @56.0-57.05
BG10-20	56.65	136.70	13c		Diorite Bx	gy	gn-gy	cse	med			10% bx frag's up to 0.1m in dio (could be tuff); resorbed ct's rounded; non magnetic; competent-RQD=80; non cbd; fg matrix feld+ 20% mafics -chl after horn?; freshens up quickly foll 75.5; could be tuff @128.5-131.9; shrp nat ct@49;
BG10-20	136.70	138.30	QFP		Quartz Feldspar Porphyry	dk gy		cse	med			non magnetic, non cbd; rare qtz+20% feld pheno's; v fresh; 2% cse d py; hily competent-RQD=90; trailing ct is shrp nat@59;
BG10-20	138.30	165.00	13c		Diorite Bx	gy	gn-gy	cse	med			10% bx frag's up to 0.1m in dio (could be tuff); resorbed ct's rounded; non magnetic; competent-RQD=80 (except=20@138.3-144.0); non cbd; fg matrix feld+ 20% mafics -chl after horn?; shrp nat ct@49;
BG10-20	165.00	179.30	13c		Diorite	med gy	gn-gy	cse	med			25%-60% pk-pa gy feld in chl-after horn?phenos; non mag except @172.0-179.3 where wy mag; no epi clots; competent-RQD=80; hily cbd; shrp nat trailing ct@63
BG10-20	179.30	181.40	QFP		Quartz Feldspar Porphyry	pur-gy	br	med				wy magnetic, non cbd; 10% qtz+10% feld pheno's; fresh; hily competent-RQD=90; trailing ct is shrp nat@36;
BG10-20	181.40	229.50	13c		Diorite	med gy	gn-gy	cse	med			25%-60% pk-pa gy feld in chl-after horn?phenos; non mag+ locy hily mag w spec (incl shrp ct@65)+ dk gy (vs gn-gy); locy str bx; no epi clots; competent-RQD=50 until 202.0-229.5 (=10); hily cbd; shrp nat trailing ct@20
BG10-20	229.50	240.70	QFP		Quartz Feldspar Porphyry	pur-gy	br	med				wy magnetic, non cbd; 10% qtz+10% feld pheno's; fresh; hily competent-RQD=90; trailing ct is shrp nat@71;
BG10-20	240.70	243.50	5f		Ash Tuff	pur	pur-gy	med	fine			no bedding/jaspers; not cbd; non mag; competent-RQD=80; 3% cse d py locy conc; shrp nat trailing ct @37 is indistinct other than colour; could be alt'd dio bx, or fel sy;

BG10-20	243.50	260.45	13e		Syenite	br-red	buff	fine				competent-RQD=90; not cbd; non mag; trailing ct gradational; 2% cse d py; rare 1/8"-1/2" gn xeno's; locy porphyritic w 20% 1/8" qtz phenos-could be all porphyry; locy med gy qtz frag's sim to QSZ (Mud Lake) where hily bl'd; rare pa gn xeno's; shrp nat trailing ct @24 (or could be alt'n-bl'd); min'd @250.0, 253.5-254.3
BG10-20	260.45	285.00	QFP		Quartz Feldspar Porphyry	br-red	br	med				non magnetic, non cbd; 10% qtz+10% feld pheno's; alt'd locy; 2% q-ank gen@55; competent-RQD=50; trailing ct is shrp nat@52; bl'd+alt'd w chl fract's @276.0-280.5;
BG10-20	285.00	287.15	5f		Ash Tuff	pur	pur-gy	med	fine			no bedding/jaspers; not cbd; non mag; competent-RQD=60; 3% cse d py locy conc; shrp nat trailing ct @42; could be alt'd dio bx, or fel sy; min'd @285.7-285.9
BG10-20	287.15	287.80	QFP		Quartz Feldspar Porphyry	br-red	br	med				non magnetic, non cbd; 10% qtz+10% feld pheno's; alt'd locy;competent-RQD=80; trailing ct is shrp nat@45; fairly fresh
BG10-20	287.80	288.30	5f		Ash Tuff	pur	pur-gy	med	fine			no bedding/jaspers; not cbd; non mag; competent-RQD=80; 3% cse d py locy conc; shrp nat trailing ct @52; could be alt'd dio bx, or fel sy;
BG10-20	288.30	288.65	QFP		Quartz Feldspar Porphyry	br-red	br	med				non magnetic, non cbd; 10% qtz+10% feld pheno's; alt'd; competent-RQD=80; trailing ct is shrp nat@51;min'd @288.6-288.65
BG10-20	288.65	294.40	5f		Ash Tuff	pur	pur-gy	med	fine			no bedding/jaspers; not cbd; non mag; competent-RQD=50; 3% cse d py locy conc; shrp nat shr'd trailing ct @37; could be alt'd dio bx, or fel sy; min'd@289.8-290.2, 291.1-291.5, 293.2-293.7, 294.3-294.4
BG10-20	294.40	420.00	13c		Diorite	blk	dk gy	cse	med			25%-60% pk-pa gy feld in chl-after horn?phenos (speckled w gn clots); v hily mag-except where min'd; no epi clots until 369.0m-then 3% to 385.0; competent-RQD=80; hily cbd; 10-15% leuco @ min'd zones; min'd@294.4-294.6, 295.6-296.6, 298.6-299.7, 300.5-301.2, 302.8-303.0, 339.5-339.8, 363.3-365.5, 396.0-396.5, 406.4-406.6, 408.6-408.8, 417.4-417.6 ; almost gabbroic texture@331.5-342.0
BG10-21	0	8.2	100		Casing							
BG10-21	8.20	12.45	13c		Diorite	med gy		med				25%-40% pk-pa gy feld in chl-after horn?phenos w 5% chl-spec fract's as stockwork; v highly mag- magn visible locy;competent-RQD=70; 3% leucoxene conc @ min'd zones; spec hem locy; 3-5% q-ank vn's gen @70; slip trailing ct@55
BG10-21	12.45	21.95	5e		Lapilli Tuff	pur-gy	pur-gy	fine				mottled; 5-8% q-ank vn's to 1/2"@70; wy mag mostly (hily locy); competent-RQD=80; locy 30% qtz 1/8"-could be por but the rest has heterogeneous lapilli's; shrp nat trailing ct@64 is indistinct; locy bl'd but gen fresh; 2% cse d py
BG10-21	21.95	31.65	13c		Diorite	med gy		med				25%-40% pk-pa gy feld in chl-after horn?phenos w 5% chl-spec fract's as stockwork; v highly mag- magn visible locy;competent-RQD=80; 3% leucoxene conc @ min'd zones; spec hem locy; 3-5% q-ank vn's gen @70; shrp nat trailing ct@64
BG10-21	31.65	47.15	BP		Bimodal Porphyry	pur-gy	med gy	cse				fresh; competent-RQD=70; non mag; 10% 1/4"euhedral feld phenos+30%feld +10%qtz 1/8" phenos; mafic gy-gn xeno's to 2"; non cbd; homogeneous;2% epi locy conc; shrp nat trailing ct @52
BG10-21	47.15	154.60	13c		Diorite	med gy		med				25%-40% pk-pa gy feld in chl-after horn?phenos w 5% chl-spec fract's as stockwork; v highly mag- magn visible locy;competent-RQD=80; 3% leucoxene conc @ min'd zones; spec hem locy;1-2% q-ank vn's gen @20+70; 2% epi locy conc; min'd@ are non mag; bl'd/hem'd locy @- fresh epi-rich thereafter; **Three Main Silicified-Leucoxene-Pyrite Zones from 73.62 to 77m, 114.2 to 122.5 m and 151.7 to 152.7 m - silicified leucoxene sections are predominantly non-magnetic, with 5-25% qtz filled fractures and pyritic seams, pyrite is predom anhedral and fine to very fine grained** ; 73.62 to 76.96 m strong sil zone with 8-10% fracture filled fine anhedral py including 75.88 to 76.84 m with 15 to 20% py, brittle fracturing at 55 to 75 deg TCA, minor fractures at 30 deg TCA, 10 - 15% <0.5 cm qtz+ ank veining, section generally non magnetic; narrow fracture zones with appreciable py at following intervals 71.3-71.44, 80-80.3, 83.6-84.2, 86.36-86.6, 88.77-89.16, 89.54-90.06m
BG10-21	154.60	156.00	FP		Feldspar Porphyry	dk grey						upper and lower contacts are difficult to discern; feldpsar pheno's easily closer to 156 m with pink hue; unit may have started 149.3 m at flt but difficult to determine; unit very magnetic
BG10-21	156.00	159.00	13c		Diorite	dk grey						
BG10-22	0.00	7.95	100		Casing							
BG10-22	7.95	13.40	13c		Diorite	med gy		med				25%-40% pk-pa gy feld in chl-after horn?phenos w 5% chl-spec fract's as stockwork; v highly mag- magn visible locy (non mag @ min'd zones);competent-RQD=60; 3% leucoxene conc @ min'd zones; spec hem locy; 3-5% q-ank vn's gen @60; flt trailing ct@65; min'd@ 8.45-8.6
BG10-22	13.40	22.70	5e		Lapilli Tuff	pur-gy	pur-gy	fine				mottled; 5-8% q-ank vn's to 1/2"@70; wy mag mostly (hily locy); competent-RQD=80; locy 30% qtz 1/8"-could be por but the rest has heterogeneous lapilli's; shrp nat trailing ct@55 imm prec by hily bl'd 0.3m+ min'd zone (posy por dyke); locy bl'd but gen fresh; 2% cse d py
BG10-22	22.70	34.10	13c		Diorite	med gy		med				25%-40% pk-pa gy feld in chl-after horn?phenos w 5% chl-spec fract's as stockwork; v highly mag- magn visible locy;competent-RQD=80; 3% leucoxene conc @ min'd zones; spec hem locy; 3-5% q-ank vn's gen @70; shrp nat trailing ct in BC

BG10-22	34.10	34.50	BP		Bimodal Porphyry	pur-gy	med gy	cse				fresh; competent-RQD=60; non mag; 10% 1/4"euhedral feld phenos+30%feld +10%qtz 1/8" phenos; mafic gy-gn xeno's to 2"; non cbd; homogeneous;2% epi locy conc; shrp nat trailing ct @75
BG10-22	34.50	38.00	13c		Diorite	med gy		med				25%-40% pk-pa gy feld in chl-after horn?phenos w 5% chl-spec fract's as stockwork; v highly mag- magn visible locy;competent-RQD=80; 3% leucoxene conc @ min'd zones; spec hem locy; 3-5% q-ank vn's gen @70; shrp nat trailing ct @50
BG10-22	38.00	34.50	BP		Bimodal Porphyry	pur-gy	med gy	cse				fresh; competent-RQD=60; non mag; 10% 1/4"euhedral feld phenos+30%feld +10%qtz 1/8" phenos; mafic gy-gn xeno's to 2"; non cbd; homogeneous;2% epi locy conc; shrp nat trailing ct @70
BG10-22	34.50	169.70	13c		Diorite	med gy		med				25%-40% pk-pa gy feld in chl-after horn?phenos w 5% chl-spec fract's as stockwork; v highly mag- magn visible locy;competent-RQD=80; 3% leucoxene conc @ min'd zones; spec hem locy;1-2% q-ank vn's gen @70; 2% epi locy conc; min'd zones are non mag; bl'd/hem'd locy **Silicified-Leucoxene-Pyrite Zones from 76.6 to 78.6m, to m and to m - silicified leucoxene sections are predominantly non-magnetic, with 5-25% qtz filled fractures and pyritic seams, pyrite is predom anhedral and fine to very fine grained;** 128.2 to 137.5 m FP appearance, very mag, feld pheno's, purple hue to matrix; 125.3 to 134 m RQD=85, blocky ground;137.8 m to 147.2 m shear zone at 20 to 40 deg TCA, **143.8 to 147.2 m Pyritized-Carbonitized Zone 10-15% py and from 146.65 to 147.2 m 25% py, sharp alt'n contact at 147.22m, silic areas non-mag, light beige/brown col matrix.**
BG10-22	169.70	171.00	15a		Diabase	med greeen		aph	fine			sharp upper contact 90 deg TCA with coarse grained FP band at contact and three separate bands within unit; possible finer grained diorite - different intrusive phase; very mag; med hard matrix
BG10-23	0.00	3.30			Casing							
BG10-23	3.30	6.45			Feldspar Porphyry	light grey		aph	med			unaltered; non-magnetic; occasional 0.25 to 1 cm carb vn'ing at 55 to 85 deg TCA with med to fine diss py from 3.3 to 5.2m; lower contact is definitive at 65 deg TCA
BG10-23	6.45	41.85			Diorite	dk green	light grey green	aph	fine			magnetic; 5-10% late white carb+qtz vnlets; **31 to 33m Main MH Zone 5-20% diss py fg to mg euhedral and subhedral clusters + sil+ chl+ weak oxy'd hem in a shear zone at 20 to 30 deg TCA;** weaker zones with py + leuc flecs+ chl from 18.9 to 21.5m, 28.1 to 31m; lower contact definitive at 50 deg TCA
BG10-23	41.85	43.85			Mafic Dyke	med green		aph	med			non-magnetic; possible phase of FP; perv chl alt'n with chl in amorphous 'clots', occasional orthoclase feld pheno's 2 to 4mm diameter, possible prismatic amphibole? , fabric fol'n at 50 to 65 deg TCA; 5% late white qtz; sharp lower contact at 65 deg TCA
BG10-23	43.85	48.40			Feldspar Porphyry	med grey	med green grey	aph	coarse			bimodal with pink-white 2-5mm feld pheno's & white plagio pheno's; non-magnetic; <2% cream white qtz-dol vnlets; definitive lower contact at 50 deg TCA
BG10-23	48.40	60.00			Diorite							48.55 to 49.1m sil+chl + mino ser alt'n with 3-5% fg py in hairline frac's; after this 10-15% brittle frac'ing 3 to 4 mm widths with epi; 55 to 59m occasional 2 to 10 cm late qtz+calcite vn's at 30 to 65 deg TCA with splash of cpy
BG10-24	0.00	5.90	100		Casing							
BG10-24	5.90	74.60	QFP		Quartz Feldspar Porphyry	red-br	buff-br	cse				non mag; non cbd; competent-RQD=70; rare cse d py; 30% anhedral 1/8"pk-wt qtz+feld phenos; rare up to 3/4" blk-gy xeno's; BC locyheterogeneous-hem'd/bl'd locy; 1% q-ank vn's to 1/2" locy conc@30 gen; blocks are off by 3m after 12m (next was 18 but should be 15); phases of porphyry locy where more like syenite;
BG10-24	74.60	242.90	13c		Diorite	med green	gy-gn	fine				unit strongly magnetic and carbontized; min'd zones are non mag; 3-8% epi; leuco assd w min'd zones; homogeneous; competent (RQD=80); 1% q-ank vn's to 1/4" locy conc gen @60; BC @168.5-231.0 (RQD=30) coincides w inc in q-ank to 5%; min'd@76.6-77.85, @141.7-141.8, 149.1 (1/2"), 182.5-183.0, 189.0-189.4, 214.1-214.5, 222.8-223.6, 232.5-232.6, 233.45-234.0; trailing ct in BC
BG10-24	242.90	246.00	13e		Syenite	dk red-br	gy-br	fine				highly mag; 30% blk chl'd ; blk-dk gy xeno's to 1/4"; homogeneous; competent-RQD =90
BG10-25	0	7.6	100		Casing							
BG10-25	7.60	23.35	13c		Diorite	med gy	gy-pur	med				25%-60% pk-pa gy feld in chl-after horn?phenos w 5% chl-spec fract's as stockwork; initially gabbroic to 9.7m; v highly mag- magn visible;rare epi ; competent-RQD=70; 3% leucoxene;hily cbd; spec hem locy; 2% q-ank vn's gen @60; shrp flt ct@35; min'd@10.3-10.5, 12.5-12.7,
BG10-25	23.35	23.70	3s		Intermediate Dyke							med gy, aph, non mag, hily cbd, shrp flt ct@35
BG10-25	23.70	46.65	13c		Diorite	med gy	gy-pur	med				25%-60% pk-pa gy feld in chl-after horn?phenos w 5% chl-spec fract's as stockwork; v highly mag- magn visible;rare epi ;competent-RQD=70; 3% leucoxene;hily cbd; spec hem locy; 2% q-ank vn's gen @60; shrp nat trailing ct@60; min'd@26.2-26.3
BG10-25	46.65	59.10	5e		Lapilli Tuff	pur-gy	pur-gy	fine				mottled; 5-8% q-ank vn's to 1/2"@70; v highly mag mostly (wy locy); competent-RQD=70; locy 30% qtz 1/8"-could be por but the rest has heterogeneous lapilli's; shrp nat trailing ct@58; locy bl'd but gen fresh; 2% cse d py; min'd @46.6-46.7, 47.5-48.0, 58.2-59.1

BG10-25	59.10	62.80	13c		Diorite	med gy	gy-pur	med				25%-60% pk-pa gy feld in chl-after horn?phenos w 5% chl-spec fract's as stockwork; v highly mag- magn visible;rare epi ;competent-RQD=70; 3% leucoxene;hily cbd; spec hem locy; 2% q-ank vn's gen @35; shrp nat trailing ct@67;
BG10-25	62.80	77.80	QFP		Quartz Feldspar Porphyry	red-br	gy-br	cse				non mag; non cbd; competent-RQD=80; rare cse d py; 30% anhedral 1/8"pk-wt qtz-feld phenos; heterogeneous-hem'd/bl'd locy; rare q-ank vn's to 1/8"@30 gen; Main Vein@67.5-68.0; min'd@62.7-62.9, 64.1-64.2, 66.2-67.5; shrp trailing nat ct@32
BG10-25	77.80	82.70	13c		Diorite	med gy	gy-pur	med				25%-60% pk-pa gy feld in chl-after horn?phenos w 5% chl-spec fract's as stockwork; v highly mag- magn visible;rare epi ;competent-RQD=80; 3% leucoxene;hily cbd; spec hem locy; 2% q-ank vn's gen @35; shrp nat trailing ct@35;
BG10-25	82.70	88.00	QFP		Quartz Feldspar Porphyry	red-br	buff-br	cse				non mag; non cbd; competent-RQD=80; rare cse d py; 30% anhedral 1/8"pk-wt qtz-feld phenos; heterogeneous-hem'd/bl'd locy; rare q-ank vn's to 1/8"@50 gen; min'd@86.7-86.8, 87.2-88.0; shrp trailing nat ct@37
BG10-25	88.00	120.00	13c		Diorite	med gy	gy-pur	med				25%-60% pk-pa gy feld in chl-after horn?phenos w 5% chl-spec fract's as stockwork; v highly mag- magn visible;3% epi locy conc ;competent-RQD=80; 3% leucoxene;hily cbd; spec hem locy; 2% q-ank vn's gen @35; min'd@94.5-94.9, 116.8-116.9
BG10-26	0	6	100		Casing							
BG10-26	6.00	56.00	13c		Diorite	med gy	gy-pur	med				25%-40% pk-pa gy feld in chl-after horn?phenos w 5% chl-spec fract's as stockwork; v highly mag-magn visible locy; epi to 5% locy conc; competent-RQD=80; 3% leucoxene conc @ min'd zones; spec hem locy; 5% q-ank vn's gen @70-90; aph blk-dk gy@35.0-36.95 may be chill zone (v hily mag)-non mag thereafter to 42.3 w shrp ct @36.95@35 (different phases?); Main Vein@46.6-47.0 (not much silica-all py); subordinate zones@11.7-12.0, 15.9-16.5
BG10-27	0	5	100		Casing							
BG10-27	5.00	38.25	13c		Diorite	med gy	gy-pur	med				25%-40% pk-pa gy feld in chl-after horn?phenos w 5% chl-spec fract's as stockwork; v highly mag- magn visible locy;competent-RQD=70; 3% leucoxene conc @ min'd zones; spec hem locy; epi to 5% locy; 1-2% q-ank vn's gen @70; multiple min'd zones-comly w dk pur chl vn's- throughout-sampled between
BG10-27	38.25	54.00	QFP		Quartz Feldspar Porphyry	red-br	buff-br	cse				non mag; non cbd; competent-RQD=80; rare cse d py; 30% anhedral 1/8"pk-wt qtz phenos; heterogeneous-hem'd/bl'd locy; 1% q-ank vn's to 1/2" locy conc@30 gen; Main Vein@42.05-42.25; shrp ct bet hem'd and pa gn por (almost looks like dyke ct-posy lamp where gn but grad downhole)@40.6@32
BG10-28	0.00	8.90	100		Casing							
BG10-28	8.90	31.87	13c		Diorite	dk green	gy green	med				hard, very magnetic; occasional sections with mottled appearance due to greater qtz or feld pheno's with grey-white-pink hue;slow transitional changes in texture; sections of carb+leucoxene+sil+chl alt'n usually assoc with fractures or shear fol'n with py;occasional seams of dk purple magnetite;carb+chl+py sections at 21.35 to 22.2m and py in hairline brittle frac's from 29.05 to 30.7 m
BG10-28	31.87	37.40	BP		Bimodal Porphyry	olive grn	pur-gy	med				upper contact at 20-25deg TCA; pink to opaque white euhedral prism feld x-stals 0.2 to 0.5 cm wide; non magnetic; x-stals reveal orientation 60-65degTCA; lower contact sharp & irregular wth 7 cm wide carb+qtz ad narrow py in frac
BG10-28	37.40	88.47	13c		Diorite	dk green	gy green	fine	med			very magnetic except where alt'd with varying intensity of carb+chl+leucoxene; alt'n almost always assoc. with brittle frac's and usually have py mineralization; brittle irregular micro-fracturing throughout at varying intensities filled with carb; narrow <2 cm magnetite bands appear occasionally; **Sil-Py Zone 72.9 to 88.4 m sil+py+hem+leuc+chl alt'n, occasional veins with >50% py+sometimes cpy predom 50 to 75 deg TCA, non-magnetic, <5% late creamy-white sil veining; RQD in zone is 95%;**sharp lower contact with BP
BG10-28	88.47	100.02	BP		Bimodal Porphyry	lt grey	med red	med				sharp upper contact with brittle fracturing ; occasional strong py in grey veins+hem peripheral alt'n, veins <0.5 to 1.5 cm wide; py occurs in discontinuous frac's, frac's and clots with chl+sil; non-magnetic unit; hem+sil+chl alt'n moderate to strong; some grey veins appear chert like with minor py on margins; hem+sil+chl alt'n ends at 118.8 m
BG10-28	100.02	100.10	13e		Basic Syenite	olive grn		med	aph			possible syn, chl augites?; sharp contacts at 85 to 80 deg; non mag; hard, sil
BG10-28	100.10	120.85	BP		Bimodal Porphyry	lt grey	med red	med				as with 88.47 to 100.02 m; **from 110.7 to 118.4 m weak to strong hem alt'n with occasional seams <1.5 cm wide py with probable cpy component given brassy colour of py, RQD = 95%;** hem+sil+chl alt'n ends at 118.8 m
BG10-28	120.85	121.90	13c		Diorite	med green		fine				upper contact at 5 to 10 deg TCA at fault with chl+hem+qtz+carb at contact; from 120.95 to 121.3 calcite vein with splash of cpy; unit strongly magnetic and carbontized
BG10-28	121.90	146.98	BP		Bimodal Porphyry	med grey		med				non-magnetic; grey aphanitic matrix with cream white plagio feld's phenocrysts; more or less unaltered with 5-10% late qtz+carb veinlets at various angles; lower contact sharp at 40 deg TCA

BG10-28	146.98	159.00	5e		Lapilli Tuff	med green		med	fine			non-magnetic; possible intrusive with xenoliths; poorly sorted polylithic unit with a mix of qtz+ feld+mafic frag's+ irregular shaped porph frag's;strong pervasive carb alteration; from 147.55 to 148.5 m BP?transition zone after contact possible cutting along contact?; 148.5 to 159 m weak epi alt'n as clots giving light green mottled appearance in sections; rare 1.5 cm wide carb veins with 5-10% py; weak ductile shear starting at 158.6 m
BG10-29	0.00	2.35	100		Casing							
BG10-29	2.35	45.40	13c		Diorite	med gy	gy-pur	med				25%-60% pk-pa gy feld in chl-after horn?phenos;highly mag; 3% epi locy conc gen @50;competent-RQD=70; 3%leucoxene locy conc @ min'd zones; hily cbd; spec hem locy; 1% q-ank vn's locy conc gen @45; homogeneous;shrp nat trailing ct @53; min'd @9.0-9.1, 27.0-27.6
BG10-29	45.40	48.85	BP		Bimodal Porphyry	br-red	pur-buff	cse				fresh; competent-RQD=60; non mag; 10% 1/4"euhedral feld phenos+30%feld +10%qtz 1/8" phenos; <1% q-ank vn's to 1/8"@45 gen; hily cbd; homogeneous;shrp nat trailing ct @63
BG10-29	48.85	49.70	13c		Diorite	med gy	gy-pur	med				25%-60% pk-pa gy feld in chl-after horn?phenos;highly mag; 3% epi locy conc gen @50;competent-RQD=70; 3%leucoxene locy conc @ min'd zones; hily cbd; spec hem locy; 1% q-ank vn's locy conc gen @45; homogeneous;shrp nat trailing ct @73
BG10-29	49.70	50.50	13e		Syenite	br-red	br-gy	f				competent-RQD=90; red-br aph w 30% blk clots chl after horn?; locy mody mag; non cbd; 25% epi clots; 2% q-ank@5-30; shrp nat trailing ct@16; 3% cse d py
BG10-29	50.50	59.05	13c		Diorite	med gy	gy-pur	med				25%-60% pk-pa gy feld in chl-after horn?phenos;highly mag; 3% epi locy conc gen @50;competent-RQD=70; 3%leucoxene locy conc @ min'd zones; hily cbd; spec hem locy; 1% q-ank vn's locy conc gen @45; homogeneous;shrp nat trailing ct @22
BG10-29	59.05	62.70	13e		Syenite	br-red	br-gy	f				competent-RQD=90; red-br aph w 30% blk clots chl after horn?; locy mody mag; non cbd; 10% epi clots; 2% q-ank@5-30; shrp nat trailing ct@57; 3% cse d py
BG10-29	62.70	162.00	13c		Diorite	med gy	gy-pur	med				25%-60% pk-pa gy feld in chl-after horn?phenos;highly mag; 3% epi locy conc gen @50;competent-RQD=70; 3%leucoxene locy conc @ min'd zones; hily cbd; spec hem locy; 1% q-ank vn's locy conc gen @45; homogeneous;shrp nat trailing ct @; min'd @132.2-132.4, 134.45-134.6; extremely fresh @151.0-162.0 w more hem'd fract's+ darker+ v hily mag
BG10-30	0.00	4.50			Casing							
BG10-30	4.50	17.45			Diorite Breccia	med green		aph	coarse			predominantly non-magnetic, mod perv carb throughout; **Shear-Flt Sections + sil+ chl+ minor carb+calcite vn'ing + variable py at 55 and 20 deg TCA from 6.8 to 7m, 7.5 to 8m, strong Flt Shear from 8.7 to 10.2m**; weak hairline to 1mm frac's with py from 13.95 to 14.5m and 15.8 to 16.1m; contact is not definitive but transisition may be at 17.3 to 17.45 presence of spotted mafic dyke?
BG10-30	17.45	40.60			Diorite	med green		aph	fine			predominantly non-magnetic; sections with mod perv carb; 38.36 to 38.43 strong Flt at 60 deg TCA healed with carb+qtz+chl+py bands
BG10-30	40.60	49.30			Diorite Breccia	med green		aph	coarse			40.6 transition to epi altered amorphous clasts with quenched or absorbed look; irreuglar but definitive contact - high angle
BG10-30	49.30	51.60			Feldspar Porphyry	red-brown		aph	med			unaltered; non-magnetic; 5% carb+qtz vnlets
BG10-31	0.00	7.80			Casing							
BG10-31	7.80	27.70			Feldspar Porphyry	red-brown	grey green	aph	med			non-magnetic; weak frac'ing with <2% hairline carb filled frac's, 5-10% 1-2mm chl clots; <1% hem in clots; grey-green colour matrix from 7.9 to 11.9m gradational colour change to red-brown due to perv oxy'd hem weak to mod; 14.4 to 14.7m network frac'ing with 3-5% py no noticeable structure controlling frac'ing; at 27.5m increased frac'ing up to contact with Diorite-Shear Zone with some qtz vn'ing with minor py; broken core at lower contact at approx. 65 deg TCA
BG10-31	27.70	31.40			Diorite	light grey green	light orange	aph	fine			non-magnetic; **unit is strongly Sheared ductile at 20 to 45 deg TCA with strong chl + orange carb+qtz + from 29.7 to 30.1m qtz+ mo + 3-10% subhedral-anhedral mg py vn'ing;** lower contact is definitive and irregular at approx 55 deg TCA
BG10-31	31.40	58.66			Feldspar Porphyry	pale red	red-mauve	aph	med			from 31.4 to 32.4m 25 to 30 deg TCA multiple subparallel frac's at 1mm to 1.2 cm wide with 50-75% py; frac'ing is an outlier effect of previous shear zone in diorite; lower contact with diorite at 70 deg TCA
BG10-31	58.66	61.60			Diorite Breccia	grey green	dk green	med	aph			non-magnetic; strong perv carb; 10-15% grey white late wormy & rigid qtz+carb vn'ing & vnlets; sharp lower contact at 70 deg TCA
BG10-31	61.60	66.80			Diorite	dk green		aph				strongly magnetic; mod to strong perv carb; 59.9 to 63.6m 5-7% diss mg euhedral-subhedral py; epi alt'n weak and blotchy
BG10-31	66.80	73.60			Diorite Breccia	dk med breen	grey green	med	aph			non-magnetic to magnetic; typical amorphous clasts subrounded to sub angular; various phases of diorite injections (magnetic); negligible py
BG10-31	73.60	80.00			Diorite	dk green		aph				strongly magnetic; different phases of diorite with sharp contacts; weak to mod blotchy epi alt'n
BG10-32	0.00	2.7	100		Casing							

BG10-32	2.70	41.40	13c		Diorite	med gy	gy-pur	med				25%-60% pk-pa gy feld in chl-after horn?phenos;highly mag; 3% epi locy conc gen @50;competent-RQD=70; 3%leucoxene locy conc @ min'd zones; hily cbd; spec hem locy; 1% q-ank vn's locy conc gen @30+75; trailing ct in BC
BG10-32	41.40	43.70	BP		Bimodal Porphyry	br-red	pur-buff	cse				fresh; competent-RQD=80; non mag; 10% 1/4"euhedral feld phenos+30%feld +10%qtz 1/8" phenos; mafic gy-gn xeno's to 1/4"; <1% q-ank vn's to 1/8"@45 gen; non cbd; homogeneous;shrp nat trailing ct @80 m
BG10-32	43.70	51.30	13c		Diorite	med gy	gy-pur	med				25%-60% pk-pa gy feld in chl-after horn?phenos;highly mag; 3% epi locy conc gen @50;competent-RQD=70; 3%leucoxene locy conc @ min'd zones; hily cbd; spec hem locy; 1% q-ank vn's locy conc gen @30+75; homogeneous;shrp nat trailing ct @34
BG10-32	51.30	52.50	13e		Syenite	br-red	br-gy	f				not competent-RQD=20 in BC; red-br aph w 30% blk clots chl after horn?; 2% q-ank@5-30; shrp nat trailing ct@35; 3% cse d py
BG10-32	52.50	162.00	13c		Diorite	med gy	gy-pur	med				25%-60% pk-pa gy feld in chl-after horn?phenos;highly mag except where leuco; 3% epi locy conc gen @50;competent-RQD=70 but only 50@97.0-130.0; 3%leucoxene locy conc @ min'd zones; hily cbd; spec hem locy; 1% q-ank vn's locy conc gen @30+75; min'd@88.6, 98.9-99.3 (11 VEIN?), 139.0-139.6
BG10-33	0.00	4.30			Casing							
BG10-33	4.30	11.60			Quartz Feldspar Porphyry	light grey green		med	aph			non-magnetic; ghost like feld pheno's and clear qtz pheno's; 5.5 to 6.5m grey sil alt'n with late opaque whiten carb+qtz tension frac's with 3-5% mg diss py; 1.5 cm 30% fg py vn at 11.23m at 60 deg TCA with carb; strong network nion-penetrative frac'ing with white carb from 11 to 11.6m; contact at 55 deg TCA, sharp & definitve
BG10-33	11.60	38.20			Diorite	dk green		aph				strong fragmented magnetic bands at upper contact with FP; strong magnetic unless where alt'd with leuc flecs+ perv chl+ sil; **Shear+Frac'd+Py+Leuc Flecs+ Perv Chl+Variable Qtz Vn'ing at 14 to 17m, 21.5 to 25.3m (section has strong mo in frac's/slips from 22.8m to 24.2m), 37.2 to 38.2m with 20-25% fg py between 37.9 to 38.2m and narrow 20 cm wide shear + fg py zone from 34.4 to 34.6m;** lower contact broken but probably at 65 deg TCA
BG10-33	38.20	45.65			Feldspar Porphyry			aph	med			non-magnetic; weak to mod perv oxy'd hem alt'n and sil + minor carb alt'n +chl giving 'blotchy' colouration; weak to mod frac with qtz + minor carb + chl; at lower contact with Diorite epi alt'n + 3-5% diss py in frac's
BG10-33	45.65	79.86			Diorite	dk green		aph	fine			magnetic; weak to mod frac'ing with more epi + carb and occasionally some frac's with very fg py; 66.4 to 68.1m weakly frac'd zone with strong chl + leuc flecs + 3-5% diss py; lower contact at 25 deg TCA
BG10-33	79.86	80.00			Syenite	grey brown		aph	fine			non-magnetic; strong perv carb; 3-5% diss py
BG10-36	0.00	3	100		Casing							
BG10-36	7.30	50.50	5h		Trachyte	pur-red	red-br	fine				v hily mag; non cbd; 15% blk chl clots up to 1";1% q-ank vn's@45 gen; 1-2% cse+f d py locy conc; RQD=50 (except =10@7.3-16.0); flt trailing ct; heterogeneous;locy spec hem; locy bl'd/hem'd assd w q-ank or structures; could be hily alt'd tra or a tuff unit @28.7-36.1 (mody bl'd along fract's+olive gn-pur-br, etc)-could be hem'd wy basic syenite@38.7-42.2 (posy chl'd augites+RQD=90+posy ct's@22; min'd@28.6-28.85,; extra 3m between blocks @15+18m (actual 6m)-later made up @ blocks 174-180 (only 3m between blocks actual)-all intervals changed by 3m between the 2 areas
BG10-36	50.50	214.70	13e		Basic Syenite	pur-red	pa gy	med				10% augite phenos-definite @60.0-65.0-changed to chl otherwise; wy, then hily mag (after 63.0); hily cbd; competent-RQD=90; may be tra @74.0-96.0 w locy blk 0.05m clots chl trailing ct @47 posy-indistinct; hily bl'd @50.5-60.0 w 5% q-ank@40-60 w olive gn ser'd zone well min'd @58.0-60.0 w 25% chl-sil+10-15% f d py; inc'gly bl'd after 172.0 to 202.6+ non mag+ shr'd wy-could be alt'd heterogenous tuff but see augites (pa gn); min'd @195.8-195.9, 199.9-200.1, 205.0-205.2, 216.0-216.1, 217.0-217.2, 217.5-218.0,
BG10-36	214.70	228.00	BP		Bimodal Porphyry	pur-gy		cse				fresh but locy wy bl'd on chl+q-ank vn's; competent-RQD=80; non mag; 10% 1/4"euhedral feld phenos+30%feld +10%qtz 1/8" phenos; mafic gy-gn xeno's to 1/2" non cbd; homogeneous; shrp nat trailing ct @60 posy-indistinct
BG10-36	228.00	278.90	13e		Basic Syenite	pur-red	pa gy	med				10% augite phenos are bl'd buff; wy, locy mody mag-hily mag where fresh; non cbd; competent-RQD=90; indistinct trailing ct; hily bl'd -then fresh after 255.0; could be alt'd heterogenous tuff but see augites (pa gn)-definite Basic Syenite after 250.0; min'd @237.7-238.8
BG10-36	278.90	287.00	5f		Ash Tuff	gy-pur	dk gy	med	fine			possible intrusive but looks tuff-no bedding/jaspers; not cbd; 5% q-ank vn's to 1/4" @30 gen; hily mag; competent-RQD=90; 2-3% cse d py locy conc; indistinct trailing ct; min'd@281.5-281.7,
BG10-36	287.00	287.90	13e		Basic Syenite	med gy	pa gy	med				30% augite phenos are bl'd buff; hily mag; fresh; non cbd; competent-RQD=90; indistinct trailing ct;

BG10-36	287.90	327.10	13e		Syenite	red-br	dk gy-red	med	fine			hily mag- then not mag @319.0-327.1; competent (RQD=80); locy 20% blk chl'd pheno's (horn?); 60% brick red feld+ 40% blk-dk gy; 3% cse d py locy conc; could be Basic Syenite or tra; brick red @319.0-327.1; indistinct trailing ct
BG10-36	327.10	340.95	13e		Basic Syenite	med gy	pa gy	med				30% augite phenos are bl'd buff; hily mag until 331.0-then non mag; hily shr'd/alt'd w chl-ank zones; non cbd; competent-RQD=70; shrp nat trailing ct@21;
BG10-36	340.95	352.80	13e		Syenite	red-br	dk gy-red	med	fine			not mag ; competent (RQD=80); locy 20% blk chl'd pheno's (horn?); 60% brick red feld+ 40% blk-dk gy; 3% cse d py locy conc; could be Basic Syenite or tra; brick red @349.0-351.8; indistinct trailing ct; 5% f d py+ 5% cse d py
BG10-36	352.80	364.50	5f		Ash Tuff	med gn	gy-gn	med	fine			possible intrusive but looks tuff-no bedding/jaspers; not cbd; 2% q-ank vn's to 1/4" @30 gen; non mag; competent-RQD=80; 2-3% cse d py locy conc; shrp nat trailing ct @78; min'd@358.9-359.9, locy almost mudstone-like (aph)
BG10-36	364.50	365.35	QFP		Quartz Feldspar Porphyry	red-br		med				non-magnetic, non cbd; 10% qtz+10% feld pheno's; no cse d py; shrp nat trailing ct@60; competent-RQD=80;
BG10-36	365.35	374.40			Basic Syenite	pa gn	olive gn	med				5% augite phenos are bl'd buff; non mag; locy wy sil'd w chl-ank zones; non cbd; competent-RQD=90; 10% emerald gn 1/8" xeno's?; shrp nat trailing ct@42; 5% q-ank vn's to 1"-gen@80; min'd @ 358.6-359.6
BG10-36	374.40	385.70	BP		Bimodal Porphyry	br-red	pur-buff	cse				fresh; competent-RQD=60; non mag; 10% 1/4"euhedral feld phenos+30%feld +10%qtz 1/8" phenos; non cbd; homogeneous; trailing ct is shrp nat@62
BG10-36	385.70	395.00	QFP		Quartz Feldspar Porphyry	red-br		med				non-magnetic, non cbd; 10% qtz+10% feld pheno's; fresh; 2% cse d py; shrp nat trailing ct@53; competent-RQD=80;
BG10-36	395.00	398.70	5f		Ash Tuff	med gn	gy-gn	med	fine			no bedding/jaspers; not cbd; 2% q-ank vn's to 1/4" @60 gen; non mag; competent-RQD=80; 2-3% cse d py locy conc; shrp nat trailing ct @30; 30% 1" ang gn+ red-br lapilli+ bx'd por
BG10-36	398.70	399.85	QFP		Quartz Feldspar Porphyry	red-br		med				non-magnetic, non cbd; 10% qtz+10% feld pheno's; highly alt'd+ wy shr'd w ser'n+ wy sil'n locy; 3% cse d py; last 0.1m w 10-% f d py in mody sil'd hily ser'd zone imm prec by flt+ 1" bull carb-q vn @37; shrp nat trailing ct@37; competent-RQD=80; min'd@399.7-399.85
BG10-36	399.85	405.55	5f		Ash Tuff	med gn	gy-gn	med	fine			no bedding/jaspers; not cbd; 2% q-ank vn's to 1/4" @60 gen; non mag; competent-RQD=80; 2-3% cse d py locy conc; shrp nat trailing ct @73; lapillis to 3/4" posy bedded@70-no doubt tuff or wacke
BG10-36	405.55	410.40	QP		Quartz Porphyry	buff-wt	buff-gn	cse				same unit as at Boundary Zone; no feldspar visible;competent (RQD=90); non cbd; non mag; <1% sil+q-ank vn's to 1/8" gen @45; 1-3% cse d py locy conc, locy assd w chl-sil; shrp nat trailing ct@42; min'd@406.8-407.4
BG10-36	410.40	415.20	QFP		Quartz Feldspar Porphyry	red-br	br	med				locy hily mag but mostly non-magnetic, non cbd; 10% qtz+10% feld pheno's; fresh; 3% cse d py; 2% med gy xeno's-almost syenite; shrp nat trailing ct@50; competent-RQD=90
BG10-36	415.20	422.10			Basic Syenite	gy	pur-gy	med				5% augite phenos are blk; mody mag; non cbd; competent-RQD=90; shrp nat trailing ct@53; 1% q-ank pk vn's to 1/4"-gen@60; rare med gy xeno's
BG10-36	422.10	430.50	QFP		Quartz Feldspar Porphyry	red-br	br	med				non-magnetic, non cbd; 10% qtz+10% feld pheno's; fresh; 3% cse d py; 2% med gy xeno's-almost syenite; shrp nat trailing ct@45; competent-RQD=90
BG10-36	430.50	437.30	BP		Bimodal Porphyry	br-red	pur-buff	cse				fresh; competent-RQD=60; non mag to locy wy mag; 10% 1/4"euhedral feld phenos+30%feld +10%qtz 1/8" phenos; non cbd; homogeneous; trailing ct is shrp nat@47
BG10-36	437.30	462.00	QFP		Quartz Feldspar Porphyry	red-br	br	med				non-magnetic, non cbd; 10% qtz+10% feld pheno's; fresh; 3% cse d py; 2% med gy xeno's-almost syenite; competent-RQD=90
BG10-37	0.00	7.70			Casing							
BG10-37	7.70	17.95			Feldspar Porphyry	med grey	red brown	aph	med			non-magnetic; light grey coloured matrix from 7.7 to 17.5 due to surficial-water oxidation interface; pale white plagio pheno's, chl clots giving weak to mod blotchy appearance; weak to mod frac'ing; 3mm py vn at 14.78m at 70 deg TCA; irregular lower contact
BG10-37	17.95	18.44			Syenite	med grey		aph	fine			non-magnetic; fine grey augite? X-stals; irregular lower contact
BG10-37	18.44	80.00			Feldspar Porphyry	red brown	med grey	aph	med			non-magnetic; pale white plagio pheno's, chl clots giving weak to mod blotchy appearance; weak to mod frac'ing; 1**8.44 to 22m moderate frac section having a perv red oxy'd hem colour with 1 to 5mm wide py vn's at 55 to 85 deg TCA with a 90% py vn at 20.65 to 20.75m at 75 deg TCA adjacent to a Flt Shear zone from 20.3 to 20.63m, possible 3cm wide diorite unit at 20.4m and 23.6 to 23.95m Frac+Flt section**; after 24m to 41m blotchy weakly to unaltered FP with occasional chl xeno's, weak to nil frac'ing; mod frac'ing with qtz+dol vn'ing + spec hem + rare splashes of cpy from 41.7 to 42.4m, 48.7 to 52.3m; different phase of FP from 54.6 to 55.1m; syn dyklet 62.15 to 62.23m;
BG10-38	0.00	3	100		Casing							
BG10-38	3.00	117.00	5h		Trachyte	pur-red	red-br	fine				v hily mag; non cbd; 15% blk chl clots up to 1";1-2% q-ank vn's@35-45 gen; 1-2% cse+f d py locy conc; RQD=50 (except RQD=80@56-75, =10@12-15,+ @79-82, +@87-117.0); indistinct trailing ct; heterogeneous; locy bl'd/hem'd assd w q-ank or structures; min'd@24.7-25.2, 26.55-27.1, 28.2-28.3, 36.9-37.0, 56.7-56.8, 110.2-110.45,

BG10-38	117.00	145.60	13e		Basic Syenite	dk gy	med gy	med				10% augite phenos-definite @133.0-134.0-changed to chl otherwise; v hily mag; hily cbd; competent-RQD=90; 1% pk carb vn's to 1/8" gen@45%; trailing ct @38;
BG10-38	145.60	149.60	8a		Conglomerate	red-gy	gy-gn	cse				could be agglomerate; 30% well-rounded clasts to 0.1m; poorly sorted; hem'd brick red locy; one 1" jasper; 20% felsic intr clasts; dk gy-gn matrix; hily magnetic; non cbd; shrp nat trailing ct@48 is indistinct (BC)
BG10-38	149.60	166.80	5h		Trachyte	pur-red	red-br	fine				v hily mag; non cbd; 15% blk chl clots up to 1";1-2% q-ank vn's@35-45 gen; 1-2% cse+f d py locy conc; RQD=70 ; shrp nat trailing ct @14; heterogeneous; locy bl'd/hem'd assd w q-ank or structures (as @ 156.0-159.0); min'd@130.7-130.8,155.3-155.5; could be tuff-trachyte bombs 0.1m (with pseudolucites)
BG10-38	166.80	222.10	13e		Syenite	br-red	pur-br	fine				competent-RQD=90; not cbd; non mag (except @167.5-169.7 which is aph ser-chl and could be hily alt'd tuff); 20% pa gn phenos to chl in red feld; trailing ct shrp nat@50; hily alt'd-esp proximal to structures; black clots to 0.1m @214.7-219.2 w por frag's-could be cong; gouge flt @184.5 may be North Brk? (intensely shr'd all around here); rare cse d py; min'd@166.8-167.6, 170.4-170.9, 178.6-180.8, 183.2-188.0, 197.7-198.2, 222.0-222.1 (prec by 3m py+hem)
BG10-38	222.10	224.65	13c		Diorite	med gy	dk gn	med				25%-60% pk-pa gy feld in chl-after horn?phenos; v hily mag ;no epi; non cbd; 1% q-ank vn's gen @25; competent-RQD=90; trailing ct @47;
BG10-38	224.65	282.90	13e		Syenite	br-red	pur-br	fine				competent-RQD=90; not cbd; locy wy mag; 20% blk phenos to chl in red feld; rare blk-dk gy xeno's to 1/2"; trailing ct shrp nat@14; 5% q-ank bullish vn's@242.5-252.0; 3% cse d py locy conc(primary?); min'd@
BG10-38	282.90	297.15			Intermediate dyke	olive gn	pa gn	aph				aph; posy quartzite (posy see qtz) or mudstone (almost chty); hily bl'd; locy sil'd; non mag; competent-RQD=100; 1% q-ank vn's to 1/4" gen@50; 2% cse d py; locy sil'd to med gy w chl+ser w abun f d py; locy alb'd (?); non cbd; flt ct; min'd@291.1-191.3, 296.1-296.4, 297.0-297.2
BG10-38	297.15	303.25	13e		Syenite	br-red	buff	fine				competent-RQD=90; not cbd; non mag; trailing ct shr; 5% q-ank bullish vn's; 2% cse d py; flt'd trailing ct
BG10-38	303.25	320.05	5e		Lapilli Tuff	pur-gy	red-br	fine				non mag; competent-RQD=70; heterogeneous-bedding@32, some aph pa gn like mudstone;flt trailing ct; locy bl'd but gen fresh; 2% cse d py; min'd @320.0-320.05
BG10-38	320.05	328.70	13e		Syenite	br-red	buff	fine				competent-RQD=90; not cbd; non mag; trailing ct flt; 2% cse d py;
BG10-38	328.70	342.30			Intermediate dyke	olive gn	pa gn	aph				aph; posy quartzite (posy see qtz) or mudstone (almost chty); hily bl'd; locy sil'd (25%); non mag; competent-RQD=100; 1% q-ank vn's to 1/8" gen@30; 5% cse d py; locy sil'd to med gy w chl+ser w abun f d py; locy alb'd (?); non cbd; min'd@331.2-332.1; flt trailing ct
BG10-38	342.30	355.10	13e		Syenite	br-red	buff	fine				competent-RQD=90; not cbd; non mag; trailing ct gradational; 2% cse d py; rare 1/8"-1/2" gn xeno's; locy porphyritic w 30% 1/8" qtz phenos-could be all porphyry; locy med gy qtz frag's sim to QSZ (Mud Lake) where hily bl'd
BG10-38	355.10	430.80	QP		Quartz Porphyry	buff-wt	pk-buff	cse				same unit as at Boundary Zone; gradational change- no feldspar visible;competent (RQD=80); locy (mostly) hily sil'd to pa gy; non cbd; non mag; <1% sil+q-ank vn's to 1/8" gen @30; 1-3% cse d py locy conc, locy assd w chl-sil fract's -locy conc; trailing ct indistinct; min'd@ 367.5-368.4, 403.2-406.5 (med gy qtz frag's sim to QSZ (Mud Lake)), 417.5-417.7, 427.9-428.0; locy almost could be called Bimodal; red-br fresh@370.0-382.0;
BG10-38	430.80	432.80	13e		Syenite	br-red	buff	fine				competent-RQD=90; not cbd; non mag; trailing ct gradational; 10% q-ank@55; rare cse d py; 1/2" blk xeno's; locy porphyritic w 30% 1/8" qtz phenos-could be all porphyry;
BG10-38	432.80	438.00	QP		Quartz Porphyry	buff-wt	pk-buff	cse				same unit as at Boundary Zone; no feldspar visible;competent (RQD=80); non cbd; non mag; 1f d py locy conc;
BG10-38	438.00	438.00	EOH									
BG10-39	0.00	4.00			Casing							
BG10-39	4.00	21.68			Quartz Feldspar Porphyry	light pale green		aph	med			non-magnetic; ghost-like opaque white plagio pheno's and clear quartz pheno's; rare sections particularly between 4 to 7m with 10% qtz+dol vn'ing; 13 to 14 cm wide grey qtz vn'ingfrom 13.5 to 13.7m and 16.44 to 16.7m and 45 and 35 deg TCA respectively; 1-2% fg diss py in matrix and in discontinuous penetrative to non-penetrative irregular frac's; 14.2 to 14.27 and 16.3 to 16.44 Felsic Green Dyklets
BG10-39	21.68	33.03			Diorite	dk green		aph	fine			strongly magnetic except where alt'd; *weak or localized Py+ Leuc Flecs+ perv Chl + Frac Zones from 21.68 to 24m, 29.1 to 29.8m, and 30.8 to 31m*; **Main MH Zone 5 to 20% Py+ Dk Grey Qtz Vn's + 20-30% Leuc Flecs + Shear Zone from 31.5 to 33.03m**; contact with FP at 55 deg TCA
BG10-39	33.03	59.00			Feldspar Porphyry	red brown	purple grey	aph	med			non-magnetic; weak perv oxy'd hem alt'n from 33.5 to 39.3m with pale brown to purple -red matrix colour; rare vn py at 36.02 to 36.08m, 39m, and at 48.4m
BG10-40	0.00	4.50			Casing							

BG10-40	4.50	23.70			Quartz Feldspar Porphyry	light grey		aph	med			non-magnetic; ghost-like lime green to white to clear opaque plagio & quartz pheno's; differs from Feldspar Porphyry down hole in that it is not bimodal and not alt'd with perv carb; frac'ing is weak to moderate with 5-25% qtz+dol+minor carb and later 2-5% grey+py filled frac's no more than 3mm wide and usually discontinuous & pinch and swell; frequent 0 deg TCA slips; rare xeno's fuchsite alt'n; sharp definitve contact with Diorite at 20 deg TCA
BG10-40	23.70	33.10			Diorite							magnetic where unaltered; strong perv carb; 23.7 to 29.7m strong ductile shear at 10 to 30 deg TCA with 5-15% fg py + leuc flecs+white carb flooding+ perv chl; strong shear - fault at 32.7 to 33.1m at 45 deg TCA with qtz+ chl+carb+5-7% dis py; lower contact with FP irregular at ~50 deg TCA
BG10-40	33.10	43.05			Feldspar Porphyry	med grey	pink	aph	med			non-magnetic; strong perv carb alt'n; up to 1cm wide pink orthoclase feld x-stals; 5% late white opaque carb vn'ing; lower contact at 60 deg TCA
BG10-40	43.05	72.50			Diorite	dk green		aph	fine			strongly magnetic; late frac's with epi alt'n; negligible to nil perv carb alt'n; Py + Grey Qtz+ Chl + Leuc Flec + Frac'd - Shear Zone from 64.9 to 66.4m, moderate zone, frac's at 20 to 25 deg TCA; 70.5 to 71.35m FP and late dense feld pheno dykelet at 71m 5cm wide
BG10-40	72.50	83.50			Feldspar Porphyry	med grey		aph	med			non-magnetic; irregular contacts; 80.1 to 80.6m diorite; 4cm qtz+carb vn from 80.4 to 80.5m
BG10-40	83.50	92.30			Diorite	dk green		aph				strongly magnetic; at 92.3m drillhole intersects a stope; 92 to 92.3m moderate sil alt'n + perv carb alt'n+ 10% leuc flecs+ 5-7% diss py
BG10-40	92.30	93.30	150		Stope							EOH
BG10-41	0.00	6.65			Casing							
BG10-41	6.65	17.65			Diorite	dk green	med green	aph	fine			magnetic except where alt'd with leuc flecs + weak sil + weak shearing-frac'ing + weak oxy'd hem, mod perv carb alt'n throughout; moderate to weak shear- frac sil+leuc zones from 6.65 to 7.5m, 9.9 to 10.2m, 10.15 to 14m, 15.7 to 17.65m; irregular definitive contact at 17.65m at approx 65 deg TCA
BG10-41	17.65	29.18			Feldspar Porphyry	lt grey brown	red	aph	med			non-magnetic; weak to oxy'd hem areas in areas of weak to mod frac'ing with dk grey qtz and white opaque qtz+dol+ carb vn'ing with 1-3% diss py in matrix and in chl frac's or with dk grey qtz; 28.34 to 28.66m diorite 45 to 80 deg TCA contacts 15-20% leuc flecs; lower contact sharp at 60 deg TCA
BG10-41	29.18	38.45			Diorite	dk green	med green	aph				**MH Zones - Py + Shear- Frac + Leuc Flec + dk grey qtz sections at 29.7 to 33m, 33.5 to 34.3m, 34.6 to 36.15m, 36.45 to 36.6m, 37.1 to 38.45m (dk grey qtz from 38.2 to 38.4m), strongest py + sil from 38.88 to 41.3m**; sharp definiitve lower contact at 40 deg TCA with qtz+dol vn
BG10-41	38.45	38.90			Syenite	lt green		aph	med			possible FP; chl augites; fol'n fabric at 30 deg TCA
BG10-41	38.90	41.30			Diorite	dk green	med green					**see description from 29.18 to 38.45m**
BG10-41	41.30	48.55			Feldspar Porphyry	grey green	grey	aph	med			bimodal; strong fol'n fabric at 25 to 40 deg TCA; 5% late qtz+dol vn'ing; 46 to 46.12m fg Mafic Dyke Xeno?, possible diorite
BG10-41	48.55	50.00			Diorite	mauve green		aph				magnetic; 5-10% leuc flecs; 20-25% network qtz+dol+carb vn'ing 0.25 to 1.5cm wide
BG10-42	0.00	36.10	100		Casing							
BG10-42	36.10	100.10	13c		Diorite	med gy	gy-pur	med				25%-60% pk-pa gy feld in chl-after horn?phenos; non mag; 5-15% epi clots;competent-RQD=70 except@67.5-81.7 where =10 (ox'd fract's@60 gen); rare leucoxene locy conc @ min'd zones; hily cbd; 1% q-ank vn's locy conc gen @45; mostly homogeneous; shrp nat trailing ct @35; min'd @70.9-71.0,
BG10-42	100.10	102.10	QFP		Quartz Feldspar Porphyry	br-pur	br-gy	med				non-magnetic, non cbd; 30% qtz+10% feld pheno's; rare py; shrp nat trailing ct@65 is qv; competent-RQD=80;
BG10-42	102.10	114.80	13c		Diorite	med gy	gy-pur	med				25%-60% pk-pa gy feld in chl-after horn?phenos; non mag; 5-15% epi clots;competent-RQD=70; rare leucoxene locy conc @ min'd zones; hily cbd; 1% q-ank vn's locy conc gen @45; mostly homogeneous; shrp nat trailing ct @64;
BG10-42	114.80	116.00	QFP		Quartz Feldspar Porphyry	br-pur	br-gy	med				60% dykes of por non-magnetic, non cbd; 30% qtz+10% feld pheno's; 3% cse d py; shrp nat trailing ct@77; competent-RQD=60;
BG10-42	116.00	120.20	13c		Diorite	med gy	gy-pur	med				25%-60% pk-pa gy feld in chl-after horn?phenos; non mag; 5-15% epi clots;competent-RQD=70; hily cbd; 2% q-ank vn's locy conc gen @60; mostly homogeneous; trailing ct in BC; opening intersected @120.2-123.0
BG10-42	120.20	123.00	150		Stope							
BG10-42	123.00	124.70	13c		Diorite	med gy	gy-pur	med				
BG10-42	124.70	130.60	BP		Bimodal Porphyry	pur	pur-br	cse				fresh; competent-RQD=60; non mag; 10% 1/4"euhedral feld phenos+30%feld +10%qtz 1/8" phenos are elongate lathes; <1% q-ank vn's to 1/8"@60 gen; hily cbd; homogeneous;shrp nat trailing ct @63; chill zones of 1'
BG10-42	130.60	159.05	13c		Diorite	med gy	gy-pur	med				25%-60% pk-pa gy feld in chl-after horn?phenos; non mag; 5-15% epi clots;competent-RQD=70 except@152.0-159.05 where =20 (chl fract's@60 gen); hily cbd; 2% q-ank vn's locy conc gen @60; mostly homogeneous; shrp nat trailing ct @65;

BG10-42	159.05	164.70	BP		Bimodal Porphyry	pur	pur-br	cse				fresh; competent-RQD=60; non mag; 10% 1/4"euhedral feld phenos+30%feld +10%qtz 1/8" phenos are elongate lathes; <1% q-ank vn's to 1/8"@60 gen; hily cbd; homogeneous; trailing ct in BC; chill zones of 1'
BG10-42	164.70	179.85	13c		Diorite	med gy	gy-pur	med				25%-60% pk-pa gy feld in chl-after horn?phenos; non mag; 5-15% epi clots to 174-then none+ no leuco;competent-RQD=60; hily cbd; 5% q-ank vn's locy conc gen @60; mostly homogeneous; shrp nat trailing ct @63;
BG10-42	179.85	180.00	QFP		Quartz Feldspar Porphyry	br-pur	br-gy	med				non-magnetic, non cbd; 30% qtz+10% feld pheno's; 3% cse d py; trailing ct in BC; competent-RQD=60;
BG10-42	180.00	219.00	13c		Diorite	med gy	gy-pur	med				25%-60% pk-pa gy feld in chl-after horn?phenos (speckled w gn clots); non mag; no epi clots;competent-RQD=60 except@196.0-201 (chl fract's@60 gen); hily cbd; 1% q-ank vn's locy conc gen @60; mostly homogeneous; 5% leuco throughout to 209.3 (almost)
BG10-43	0.00	4.7	100		Casing							
BG10-43	4.70	23.10	8b		Wacke	buff		fine	aph			non mag; non cbd; arenitic; 1% carb vn's+q-ank@30 gen; jasper locy; gen homogeneous; locy clasts to 1" attenuated @4:1; shr'd wy; 3% cse d py-locy blebs; locy chl fract's+q-ank conc; some fuschitic clasts; locy ser'd; locy posy alb'd; almost mudstone inlier@22.8-23.1@32
BG10-43	23.10	30.00	8a		Conglomerate	buff		cse				20% well-rounded clasts to 1"; poorly sorted; buff arenitic matrix contains; non magnetic; non cbd; hily fol'd@29-clasts attenuated @4:1;
BG10-43	30.00	33.70	8b		Wacke	buff		fine	aph			non mag; non cbd; arenitic; 1% carb vn's+q-ank@30 gen; jasper locy; gen homogeneous; locy clasts to 1" attenuated @4:1; shr'd wy; 3% cse d py-locy blebs; locy chl fract's+q-ank conc; some fuschitic clasts; locy ser'd; locy posy alb'd; shrp nat trailing ct@47
BG10-43	33.70	36.00	QFP		Quartz Feldspar Porphyry	br-red	buff	med				not typical por-3% em gn phenos; non magnetic, non cbd; 10% qtz+10% feld pheno's; alt'd; competent-RQD=100; trailing ct is shrp nat@27;
BG10-43	36.00	52.35	8b		Wacke	buff		fine	aph			non mag; non cbd; arenitic; 1% carb vn's+q-ank@30 gen; jasper locy; gen homogeneous; locy clasts to 1" attenuated @4:1; shr'd wy; 3% cse d py-locy blebs; locy chl fract's+q-ank conc; some fuschitic clasts; locy ser'd; locy posy alb'd; mud BRK trailing ct
BG10-43	52.35	62.65	QFP		Quartz Feldspar Porphyry	br-buff	buff	med				as below but bx w 40% attenuated bl'd bx frag's ; hily ser'd; abun fushite@57.0-58.5; non magnetic, non cbd; 10% qtz+10% feld pheno's; alt'd; competent-RQD=90; trailing ct is shrp nat@42;
BG10-43	62.65	70.10	QFP		Quartz Feldspar Porphyry	br-red	buff	med				not typical por-3% em gn phenos; non magnetic, non cbd; 10% qtz+10% feld pheno's; alt'd; competent-RQD=100; trailing ct is shrp nat@49;
BG10-43	70.10	73.90	5f		Ash Tuff	pur	pur-gy	med	fine			no bedding/jaspers; not cbd; non mag; competent-RQD=50; 3% cse d py locy conc; shrp nat shr'd trailing ct @33; ser'd; 20% ank frag's; shr'd; could be alt'd dio bx, or fel sy; inliers of por locy to 0.2m@69
BG10-43	73.90	82.80	8b		Wacke	buff		fine	aph			non mag; non cbd; arenitic; one jasper; 3% q-ank@37 gen; gen homogeneous; shr'd stry; rare cse d py; locy chl fract's+q-ank conc; locy ser'd; str flt trailing ct imm prec by shr'g; competent-RQD=90
BG10-43	82.80	99.75	QFP		Quartz Feldspar Porphyry	br-red	br	med				non magnetic, non cbd; 10% qtz+10% feld pheno's; alt'd; competent-RQD=80; trailing ct is shrp nat@32;min'd @86.5-86.6
BG10-43	99.75	135.90	13c		Diorite Bx	gy	gn-gy	cse	med			10% bx frag's up to 0.1m in dio; resorbed ct's rounded; non magnetic-locy mody mag; not competent-RQD=10; hily cbd; fg matrix feld+ 20% mafics -chl after horn?; epi'd; shrp nat trailing ct@; 2% spec
BG10-43	135.90	338.40	13c		Diorite	med gy	gn-gy	cse	med			25%-60% pk-pa gy feld in chl-after horn?phenos; non mag to 143.0+257.0-260.5(locy wy mag)+172.0-183.0,+309.4-327.75 otherwise hily mag; 3% epi clots after 144.0; not competent-RQD=10 except =40@ 202.5-229.35 += 70 @186.0-255.0+ @310.0-338.4; locy leuco assd w min'd zones after 182.0; hily cbd; shrp nat trailing ct@ ; locy magn vn's; locy gabbroic texture (as @ 186.0-188.0); ct @309.4 from dk pur-dk gy to med gn (almost basalt-like), then@327.75 back to dk pur-dk gy (gn is non-mag); min'd@ 177.9-182.1, 191.9-192.0, 217.7, 297.7-298.3, 304.9-305.3, 328.2-328.4; shrp nat trailing ct @30
BG10-43	338.40	343.70	BP		Bimodal Porphyry	pur-gy	pur	cse				fresh; competent-RQD=70; non mag; 10% 1/4"euhedral feld phenos+30%feld +10%qtz 1/8" phenos; non cbd; homogeneous; rare cse d py; rare xeno's dk gn to 1/2"; competent-RQD=80; trailing ct is shrp nat@25;
BG10-43	343.70	420.00	13c		Diorite	med gy	gn-gy	cse	med			25%-60% pk-pa gy feld in chl-after horn?phenos; hily mag to 371.0-then locy mody mag+mainly non-mag+ inc'd epi to 5% to 378.0; non mag@ 378.0-414.0; 3% leuco locy conc where min'd; epi clots@365.5-369.5 (like diabase); 3% epi clots; competent-RQD=90; non cbd; min'd@364.3-364.4, 378.8-378.9, 392.1-392.7, 394.7-395.1, 402.3-402.6; locy calcite/gypsum? vn's; 3-5% q-ank @376.0-412.3
BG10-44	0.00	3.6	100		Casing							

BG10-44	3.60	15.40	13c		Diorite	med gy	pur-gy	cse	med			25%-60% pk-pa gy feld in chl-after horn?phenos; hily mag (non-wy@3.6-7.5)-locy magn vn's@7.5-8.5; no epi; competent-RQD=90; non cbd; shrp nat trailing ct@57; 5% q-ank vn's to 1/2" gen@30-60; min'd@7.35-7.45; fresh gen;
BG10-44	15.40	15.70			Intermediate Dyke	med gn	dk gn	fine	aph			dk-med gn; non mag; competent; hily cbd; shrp nat trailing ct@55; aph; 10% q-ank
BG10-44	15.70	27.60	13c		Diorite	med gy	pur-gy	cse	med			25%-60% pk-pa gy feld in chl-after horn?phenos; hily mag; no epi; 3% leuco assd w min'd zones where bl'g+ wy sil'd+5% q-ank; competent-RQD=90; hily cbd; shrp nat trailing ct@; 1% q-ank vn's to 1/2" gen@30-60; min'd@20.6-21.0, 21.8-22.0, 23.6-24.6; fresh gen; shrp trailing nat ct@40
BG10-44	27.60	28.90	QFP		Quartz Feldspar Porphyry	br-red	br	med				non magnetic, non cbd; 10% qtz+10% feld pheno's; gen fresh; competent-RQD=80; trailing ct is shrp nat@65; min'd@27.6-27.65
BG10-44	28.90	29.75	13c		Diorite	med gy	pur-gy	cse	med			25%-60% pk-pa gy feld in chl-after horn?phenos; hily mag; no epi; competent-RQD=90; hily cbd; shrp nat trailing ct@49; fresh gen;
BG10-44	29.75	38.50	QFP		Quartz Feldspar Porphyry	br-red	br	med				non magnetic, non cbd; 10% qtz+10% feld pheno's; fresh until the end; competent-RQD=80; trailing ct is shrp nat@41; min'd@37.7-38.1
BG10-44	38.50	57.60	13c		Diorite	med gy	pur-gy	cse	med			25%-60% pk-pa gy feld in chl-after horn?phenos; hily mag; no epi; competent-RQD=90; non cbd; shrp nat trailing ct@40; fresh but locy hily alt'd; min'd@44.8-44.9, 49.9-50.1;
BG10-44	57.60	58.45	QFP		Quartz Feldspar Porphyry	br-red	br	med				non magnetic, non cbd; 10% qtz+10% feld pheno's; hily alt'd+bl'd; 10% q-ank; 5-8% cse d +vn'd py; competent-RQD=80; trailing ct is shrp nat@38; min'd@57.7-58.4
BG10-44	58.45	61.20	13c		Diorite	med gy	pur-gy	cse	med			25%-60% pk-pa gy feld in chl-after horn?phenos; hily mag; no epi; competent-RQD=90; non cbd; shrp nat trailing ct@25; fresh gen;
BG10-44	61.20	64.00	BP		Bimodal Porphyry	pur-gy	pur	cse				fresh but bl'd locy; locy 5% q-ank gen@45; competent-RQD=90; non mag; 10% 1/4"euhedral feld phenos+30%feld +10%qtz 1/8" phenos; non cbd; homogeneous; rare cse d py; rare xeno's dk gn to 1/2"; trailing ct is shrp nat@80;
BG10-44	64.00	67.15	13c		Diorite	med gy	pur-gy	cse	med			25%-60% pk-pa gy feld in chl-after horn?phenos; hily mag; no epi; competent-RQD=90; non cbd; shrp nat trailing ct@52; fresh gen;
BG10-44	67.15	69.85	BP		Bimodal Porphyry	pur-gy	pur	cse				fresh until the end; competent-RQD=90; non mag; 10% 1/4"euhedral feld phenos+30%feld +10%qtz 1/8" phenos; non cbd; homogeneous; rare cse d py; rare xeno's dk gn to 1/2"; trailing ct is shrp nat@72; min'd@69.2-69.8
BG10-44	69.85	174.20	13c		Diorite	med gy	pur-gy	cse	med			25%-60% pk-pa gy feld in chl-after horn?phenos; hily mag; no epi until 78.5-then 3%; almost basalt-like @69.85-73.9 where changes to dark gy from gn; competent-RQD=90;5% leuco where min'd (+non-mag); non cbd; shrp nat trailing ct@65; fresh gen; min'd@73.6-73.8, 74.9-75.2, 76.0-76.3, 82.4-82.45, 93.0-94.5, 120.8-121.4
BG10-44	174.20	178.25	BP		Bimodal Porphyry	pur-gy	pur	cse				fresh; competent-RQD=90; non mag; 10% 1/4"euhedral feld phenos+30%feld +10%qtz 1/8" phenos; non cbd; homogeneous; rare cse d py; rare xeno's dk gn to 1/2"; trailing ct is shrp nat@47;
BG10-44	178.25	288.10	13c		Diorite	med gy	pur-gy	cse	med			25%-60% pk-pa gy feld in chl-after horn?phenos; hily mag; 3% epi clots+vn's; competent-RQD=90 except=20@282.0-285.0; 5% leuco where min'd (+non-mag); non cbd; shrp nat trailing ct in BC; fresh gen; min'd@192.8-193.2, 262.7-262.8, 270.4-271.1,
BG10-44	288.10	291.30	BP		Bimodal Porphyry	pur-gy	pur	cse				fresh; not competent-RQD=30; non mag; 10% 1/4"euhedral feld phenos+30%feld +10%qtz 1/8" phenos; non cbd; homogeneous; rare cse d py; rare xeno's dk gn to 1/2"; trailing ct is flt; posy flt w gouge @289.8-289.9 in BC but no alt'n either side
BG10-44	291.30	370.65	13c		Diorite	med gy	pur-gy	cse	med			25%-60% pk-pa gy feld in chl-after horn?phenos; hily mag xcept @ 369.0-370.65; 3% epi clots+vn's; competent-RQD=60 except=10@297.5-307.0, then=0 @307.0-339.5; 5% leuco where min'd (+non-mag); non cbd; shrp nat trailing ct @58; non mag-posy sy@336.0-337.0; fresh gen; min'd@347.4-347.6, 351.0-351.1, 353.5-353.6, 354.5-354.7, 359.3-359.4, 368.2-368.3; becomes finer grained after 368.5 w 10% epi vn's
BG10-44	370.65	371.55	8b		Wacke	dk gy	med gy	fine				non mag; hily cbd; no jasper visible; gen homogeneous; locy clasts to 1/4"; rare cse d py; shrp trailing nat ct @76
BG10-44	371.55	372.70	13e		Syenite	br-red	br	fine				competent-RQD=90; not cbd; non mag; trailing ct flt; 2% cse d py; min'd@371.55-371.85
BG10-44	372.70	381.30	13c		Diorite	dk gn	gy-gn	cse	med			25%-60% pk-pa gy feld in chl-after horn?phenos; hily mag xcept ; 3% epi clots+vn's; competent-RQD=70; 5% leuco where min'd (+non-mag); non cbd; shrp nat trailing ct @53; fresh gen; min'd@371.1-371.2, 378.2-378.3
BG10-44	381.30	387.10			Basic Syenite	br-gy		med				5% augite phenos are blk-gy; hily mag; non cbd; competent-RQD=80; shrp nat trailing ct@53; fresh except min'd @387.0
BG10-44	387.10	387.50	13c		Diorite	dk gn	gy-gn	cse	med			25%-60% pk-pa gy feld in chl-after horn?phenos; hily mag; 3% epi clots+vn's; competent-RQD=70; non cbd; shrp nat trailing ct @77; fresh gen;
BG10-44	387.50	387.95	BP		Bimodal Porphyry	pur-gy	pur	cse				fresh; not competent-RQD=30; non mag; 10% 1/4"euhedral feld phenos+30%feld +10%qtz 1/8" phenos; non cbd; homogeneous; rare cse d py; trailing ct is shrp nat @62;

BG10-44	387.95	427.80	13c		Diorite	med gy	pur-gy	cse	med			25%-60% pk-pa gy feld in chl-after horn?phenos; hily mag until 415.0; 3% epi clots+vn's (6% after 415.0); competent-RQD=70; non cbd; shrp nat trailing ct @; fresh gen but becomes shr'd downhiole approaching Main Brk @427.8;
BG10-44	427.80	474.40			Mudstone	med-pa gn	buff	fine	aph			non mag; non cbd; no jasper; posy rip-up clasts locy; 10% q-ank locy conc + contorted @10-45 assd w ser; shr'd stry; rare cse d py; competent-RQD=90; shrp trailing nat ct@28
BG10-44	474.40	486.50	8b		Wacke	med-pa gn	dk pur	fine	med			non mag; non cbd; arenitic; locy jasper; 10% q-ank locy conc + contorted @10-45 assd w ser; shr'd stry; shrp trailing nat ct@22; por inlier @484.85-485.4 w ct's@60+22; dk pur hue @479.0-486.5 (posy tuff); rare cse d py; competent-RQD=90
BG10-44	486.50	516.00	QP		Quartz Porphyry	buff-wt	buff-gn	cse				same unit as at Boundary Zone; no feldspar visible;competent (RQD=90); non cbd; locy wy hem'd; non mag; 5% q-ank vn's 1/8" gen @45; 1-3% cse d py locy conc, locy assd w chl-sil; hily sil'd;
BG10-45	0.00	6.10			Casing							
BG10-45	6.20	17.00			Diorite	med green	pale green	aph	fine			non-magnetic; perv moderate chl and perv weak to mod carb alt'n; 10-20% late white to grey-white carb and qtz+carb+dol vn'ing predominantly low angle TCA 0 to 25 deg TCA; occasional 0.25 to 1cm wide frac's+vn's with weak py
BG10-45	17.00	46.00			Diorite Breccia	med green	dk green	fine	coarse			non-magnetic except from 29.1 to 31.13m is magnetic, occasional frac's may have magnetite; *27.3 to 29.1m predominant 0 to 10 deg TCA slip faults healed with qtz+ carb+ chl+ ank (dol) may represent N-S Offset Flt on west side of MH* ; **36.6 to 48.5, moderate to strong shear + fol'n fabric zone starting at 50 - 60 deg TCA probably western extension of MH Zone from 39.4 to 40.3m, 42.8 to 44m and 46 to 48.5m**; 38.6 to 41.8m possible syenite dyke, strong ser alt'n, possible augite xstals; lower contact at 75 deg TCA
BG10-45	46.00	48.50			Feldspar Porphyry	orange brown	brown	med	aph			**MH Zone - strong frac'ing at 60 to 70 deg TCA with 5-8% diss py in frac's; strong bone white qtz+ sil+mod ser+chl; 47.5 to 48.5m 75% grey white sil flood alt'n**
BG10-45	48.50	51.40			Diorite Breccia	med green		coarse				minor frac'ing with late qtz+carb; 1% diss py in matrix; lower contact at 30 deg TCA but irregular
BG10-45	51.40	54.36			Feldspar Porphyry	red brown	mauve	med	aph			
BG10-45	54.36	70.00			Diorite Breccia	med green	dk green	coarse	aph			predominantly non-magnetic with occasional spotty sections magnetic; rounded to sub rounded clasts (primary texture) absorbed appearance with predom chl alt'n; 5-15% late carb+qtz+dol vn'ing usually in tension frac's or flt healing; py mineralization confined to occasional frac's & irregular vn's; from 66.45 to 66.9m 0 deg TCA Flt; lower contact irregular but definitive
BG10-45	70.00	76.90			Syenite	dk grey	dk red brown	fine	aph			non-magnetic except from 74 to 76.9m; weak perv carb with <5% late carb calcite vn'ing; minor py in carb vn'ing from 70.1 to 70.7m
BG10-45	76.90	80.00			Diorite Breccia	med green	dk green	coarse	aph			as with 54.36 to 70m; 25-30% qtz+carb+calcite vn'ing at 5 to 25 deg TCA with 1-2% fg diss py
BG10-46	0.00	9.80			Casing							
BG10-46	9.80	32.00			Diorite	dk green	pale white-pink	fine	med			strongly magnetic with occasional 1 to 3mm wide solid magnetite vnlets; 9.8 to 27.5 unaltered good diorite texture; 27.5 to 32m moderate to strong perv carb alt'n up to FP contact; weak frac'd+ py at 16.7m, 20.1 to 20.5m and 21.95m with sil or carb alt'n in frac's or vn's; lower contact at 15 deg TCA chl+leuc flecs+ carb vn'ing at contact
BG10-46	32.00	49.70			Feldspar Porphyry	mauve brown	med green	coarse	aph			non-magnetic; bimodal with as large as 1 cm +0.5cm prisms of orthoclase feld; with white opaque plagio pheno's at a preferred fabric fol'n at 15 to 25 deg TCA; mod to strong perv carb alt'n; rare late qtz+dol+carb+chl vn'ing <5%; lower contact definitive at 35 deg TCA
BG10-46	49.70	54.60			Diorite Breccia	med green		coarse	aph			non-magnetic; 5% late qtz+dol+minor carb vn'ing; carb alt'n confined to frac's & vn's with weak ser in frac's; could be a Conglomerate; unit has faulting+ slips; mineralization is py and weak confined to weak frac'd areas; lower contact definitive & flt bounded at 15 deg TCA
BG10-46	54.60	61.30			Feldspar Porphyry	med green	med grey green	coarse	aph			as with 32 to 49.7 but perv carb alt'n is spotty and weak; <5% late dol+qtz+carb vn'ing; fol'n fabric ranges from 40 to 75 deg TCA; occasional rounded, non-homogenous xenoliths; sharp contact at 61.3m at 70 deg TCA
BG10-46	61.30	76.60			Quartz Feldspar Porphyry	pale light grey	med grey	med	aph			non-magnetic; light green grey plagio pheno's + minor qtz pheno's with size of plagio pheno's more uniform and sub-rounded than previous section; weak perv carb alt'n approaching lower contact; mod frac'ing from 61.3 to 65.4 with fg py in <1mm frac's + qtz+ weak and spotty perv oxy'd red hem alt'n; 65.4 to 66.7m flt-shear at 5-10 deg TCA with ser+ oxy'd hem+ sil+ dol+ py on frac'd margins up to 66.3m; 68.9 to 69.25m weak frac's with 0.6cm 50% py vn at 60 deg TCA with other frac's with py + red oxy'd hem halo's; lower contact is sharp is 55 deg TCA
BG10-46	76.60	80.50			Diorite	dk green		aph				strongly magnetic; weak tension frac's with carb; *78.7 to 80.5m weak carb+sil+leuc flecs+1-8% py; alt'n + py more intense from 79.5 to 79.7m*; lower contact 20 deg TCA with flt at contact with chl+ carb vn'ing

BG10-46	80.50	125.30			Diorite Breccia	med green	dk green	med	coarse			non-magnetic; low grade chl metamorph with perv carb alt'n; 5-15% late white carb vn'ing; large to med sized rounded to sub-rounded clasts almost having the appearance of a Conglomerate with clasts looking absorbed by alt'n; *81.3 to 81.8m weak carb zone with py related to flt shear*; *91.28 to 91.33m 5cm wide qtz+carb vn with 35% py*; 101 to 101.5m strong perv silicification; *106.6 to 110.3m occasional 0.5 to 2cm wide carb vn's with 20-30% py*; **110.3 to 113.15m MH Zone strongly frac'd with carb vn's at 50 to 65 deg TCA with 10-75% py up to 20cm wide with red oxy'd colour matrix**; weak diss py in matreix and in weak frac's from 117 to 117.7m; lower contact definitive at 85 deg TCA
BG10-46	125.30	126.84			Feldspar Porphyry	red brown		med	aph			non-magnetic; med sized white-pink plagio feld clasts in fine red brown matrix,; <5% carb+calcite vnlets; lower contact at 65 deg TCA
BG10-46	126.84	132.00			Diorite Breccia	med green		med	coarse			spotty magnetics somewhat moderate to non-magnetic to EOH; 131.86m carb vn at 1.5cm with minor py at 35 deg TCA
BG10-47	0.00	9.40			Casing							
BG10-47	9.40	21.10			Diorite	dk green	dk mauve	fine	aph			strongly magnetic; strong to mod perv carb alt'n; very weak frac'd sections with leuc flecs at 13.7m, 14.4 to 14.7m, 14.9 to 15.2m, 15.9 to 16.3m, 17.3 to 17.8m; 20.4 to 21.1m flt - shear at contact with FP with ser+chl+carb+dol vn'ing at 15 deg TCA
BG10-47	21.10	27.20			Feldspar Porphyry	med green	med mauve brown	med	aph			non-magnetic; strong to mod perv carb alt'n; bimodal with 3-5mm diameter orthoclase felds; grey-white plagio felds; some qtz pheno's; unit becomes gradationally less bimodal at 25.2m; lower contact definitive but irregular
BG10-47	27.20	65.14			Diorite	dk green	mauve and light grey brown	fine	aph			strongly magnetic; weak to strong perv carb alt'n with weak to strong shear-slips at 45 to 85 deg TCA with chl+ leuc flecs+ sil+carb+py; mineralized shear sections at 29.9 to 30m, 40.2 to 40.3m, and multiple localized shear-slip sections 3 to 10 cm wide from 48.7 to 58.6m; **from 58.6 to 60.1m possible weak MH Zone with moderate to strong sil+carb+5-8% py; other mineralized sections in frac'd-shear sections from 63.4 to 63.9m, 64.45 to 65.14m - contact with FP**; lower contact sharp at 55 to 60 deg TCA
BG10-47	65.14	74.83			Feldspar Porphyry	red-orange brown	med grey green	med	aph			non-magnetic; **frac's with py from 65.14 to 65.4m and strong py vn's + dk grey-blue qtz vn's from 67.35 to 68.3m;** weak frac'ing+ 0.5 to 1cm occassional py vn's from 74.4 to 76.95m; lower contact sharp with carb +py vn at 75 deg TCA
BG10-47	74.83	76.95			Diorite	dk green		aph				weak frac'ing+ 0.5 to 1cm occassional py vn's from 74.4 to 76.95m with weak leuc flec halos; sharp lower contact at 55 deg TCA with 20 cm wide section with carb vn + py + chl vn in Diorite
BG10-47	76.95	77.80			Feldspar Porphyry	med grey	grey-red	med	aph			some fracturing with minimal py; lower contact at 40 deg TCA with carb+calcite vn and 10cm wide section in Diorite with 10-15% leuc flecs
BG10-47	77.80	85.65			Diorite	dk green	mauve to light green	fine	aph			strongly magentic except where alt'd; *weak frac'd + moderate carb alt'n+ variable fg py + leuc flecs at 80.6 to 82.3m intense at 80.8 to 81.3m, and 84.6 to 85.65m most intense at contact with FP*; lower contact irregular maybe 45 deg TCA
BG10-47	85.65	87.10			Feldspar Porphyry	light green	red-brown	med	aph			non-magnetic; **weak ser+chl in moderate hairline frac's+ moderate to strong perv carb+ 86.6 to 87.1 multiple dk grey-blue qtz+minor carb vn's 0.25 to 7 cm wide at 35 to 55 deg TCA** ; lower contact at 55 deg TCA
BG10-47	87.10	111.00			Diorite	dk green	epi green	fine	aph			strongly magnetic**; moderate frac'd section at 55 deg TCA from 87.1 to 89m with perv carb alt'n + py vn'ing specifically from 88.2 to 88.8m + two dk grey-blue vn's + leuc flecs + variable py;91.3 to 94.5m occassional in 1-3mm wide carb+qtz+chl+epi vn'ing + frac's**; 103 to 103.2m 40% magnetite in frac's; 106.5 to 111m moderate epi alt'n with occassional magnetite vn's
BG10-48	0.00	2.7	100		Casing							
BG10-48	2.70	81.80	QFP		Quartz Feldspar Porphyry	wt-buff	pk-buff	med				non-magnetic, non cbd; 30% qtz+10% feld pheno's; ser'd wy locy; 1-3% cse d py locy conc esp along 1% chl fract's locy conc@gen 45; pkish hue@27.0-31.0, 75.0-81.8; shrp nat trailing ct@59; competent-RQD=90; min'd@6.9-7.2, 9.3-9.5,
BG10-48	81.80	99.30	QFP		Quartz Feldspar Porphyry	pa gy	med gy	med				QFP but shrp ct's+ in hily sil'd; non-magnetic, non cbd; ; 30% qtz+10% feld pheno's; ser'd wy locy; 1-3% cse d py locy conc esp along 1% chl fract's locy conc@gen 45; rare dk gy xeno's to 1/2"shrp nat trailing ct@47; competent-RQD=90; min'd@ 83.4-85.3,
BG10-48	99.30	253.80	QFP		Quartz Feldspar Porphyry	wt-buff	pk-buff	med				non-magnetic, non cbd; 30% qtz+10% feld pheno's; ser'd wy locy; 1-3% cse d py locy conc esp along 1% chl fract's locy conc@gen 45; pur-red sy @136.5-140.8 w initial grad ct+ ser-epi @54@ end; red-br por@172.4-175.5 w 2% spec,+ @188.8-191.0, 203.55 (shrp ct@55)-225.0 look like syenite but can see pheno's; nat trailing ct in BC; competent-RQD=90 except @ 172.0-254.0 where it is =20; box dropped by drillers-box 47-188.7-191.6-all BC-good @ sample 26847 on; 50-80% med-dk gy qtz frags(bx) sim to Mud Lake qtz brought in by flt @227.7 to 24246.3 is in hem'd por w loc cse vn py+5% q-ank + w 3% cse+ f d py; min'd@124.7-125.2, 181.0-181.9, 183.0 (1"), 199.35-199.48, 227.0-246.3 (1-2-3 VEIN)- best @227.0-228.2+239.5-239.6, 242.3-242.6

BG10-48	253.80	265.00	BP		Bimodal Porphyry	br-red	pur-buff	cse				fresh; competent-RQD=80; non mag; 10% 1/4"euhedral feld phenos+30%feld +10%qtz 1/8" phenos; mafic gy-gn xeno's to 1/4"; <1% q-ank vn's to 1/8"@45 gen; non cbd; homogeneous;shrp nat trailing ct @23 is bl'd for 0.2m
BG10-48	265.00	270.00	QFP		Quartz Feldspar Porphyry	wt-buff	pk-buff	med				non-magnetic, non cbd; 30% qtz+10% feld pheno's; ser'd wy locy; 1% cse d py locy conc esp along 1% chl fract's locy conc@gen 45; locy sil'd near ct-freshens downhole; not competent-RQD=10
BG10-49	0.00	3.75	100		Casing							
BG10-49	3.75	186.00	QP		Quartz Porphyry	wt-buff	pk-buff	med				non-magnetic, non cbd; 30% qtz pheno's; ser'd wy locy; 1% cse d py locy conc esp along 1% chl fract's locy conc@gen 45; pkish hue @72.2-74.5, 79.0-80.0, 88.4-91.7, 107.0-112.5, 116.7-119.8; 10-15% ser-chl in bx'd por w 15% q-ank @129.0-132.2 (North Break?); extremely sil'd @157.9-163.0; qtz frag's sim to Mud Lake@163.0-185.5 gen in olive gn hily bl'd por; competent-RQD=70 except @90.0-117.0 where = 20; min'd @9.0-10.0, 29.0-29.7, 30.3-30.8, 76.9-77.3,
BG10-50	0.00	6.30			Casing							
BG10-50	6.30	18.44			Diorite	dk green		aph	fine			magnetic; mod to strong perv carb and weak to mod epi alt'n in frac's and with carb vn's; weak frac'd zone from 8.6 to 9.3m with mod to strong epi alt'n, 5-8% leuc flecs, 3-5% diss py with carb vn'ing; q17.6 to 17.7m FP dyklet at 90 deg TCA; lower contact broken
BG10-50	18.44	27.37			Feldspar Porphyry	mauve brown	dk mauve brown	aph	med			non-magnetic; bimodal texture with pink-white plagio prismatic rhombs up to 4mm long and smaller white plagio prisms showing fabric fol'n at 45 to 85 deg TCA; lower contact is broken core
BG10-50	27.37	41.80			Diorite	dk green		aph	fine			stongly magnetic; weak to spotty perv carb; 5-10% late network frac'ing with carb and minor epi; 37.7 to 37.9m 5mm wide late qtz vn with 70% cpy at 15 deg TCA; 39 to 41.8m weak shear-slip zone at 20 to 55 deg TCA with 15-20% leuc flecs and 1-3% fg diss py in weak carb vn' and in matrix; lower contact at 50 deg TCA, weak flt at contact
BG10-50	41.80	47.55			Feldspar Porphyry	med grey green		aph	med			non-magnetic; bimodal texture; negl to mod perv carb; 41.8 to 44.9m mod to weak perv ser + sil alt'n with weak irregular carb+dol+qtz vn'ing; mod frac'ing+ fol'n fabric; lower contact at 85 deg TCA
BG10-50	47.55	131.00			Diorite	dk green		aph	med			magnetic except where alt'd; **MH Zone 54 to 56.5m with 10-25% fg to mg euhedral to subhedral py, intense mauve coloured matrix with dk grey to white qtz from 54.5 to 56.3m with py frac+ vn's at 60 to 70 deg TCA**; *after 56.5m localized py vn's and sections with weak to moderate py-shear- leuc flecs sections from 57.9 to 58.2m, 72 to 72.6m, 75.7 to 76.64m, 83.4 to 83.9, 84.4 to 84.47m, 93.4 to 93.6m;* **2nd MH Zone from 104.2 to 105.3m strong shear + sil+leuc flecs+ 10-15% py in py bands;** 120.7 to 121.4m weak section of leuc flecs + qtz vn'ing+chl alt'n
BG10-51	0.00	6.00			Casing							
BG10-51	6.00	22.23			Diorite	dk green		aph	fine			magnetic; weak penetrative frac's throughout with epi + qtz+ carb + leuc flec halos and occasional fg py mineralization with magnetite; at 6.4m 3.2cm wide grey qtz vein at 40 deg TCA with fg py; some sections with weak perv epi alt'n; lower contact flt bounded with gouge
BG10-51	22.23	29.40			Feldspar Porphyry	med grey green		med	aph			non-magnetic, weak perv carb alt'n; bimodal texture with 2-4mm rhomb plagio pheno's pink-white colour, med sized white pheno's show fol'n fabric approx 45 to 60 deg TCA; chl alt'n with assoc late white qtz vn'ing from 22.9 to 23.2m; lower contact definitive at 20 deg TCA
BG10-51	29.40	48.63			Diorite	dk green	med green	aph	fine			magnetic; spotty perv carb + mod chl alt'n; highly frac'd unit predominantly at angles at 50 to 65 deg TCA with gret-white carb+ minor epi; 32 to 32.8m mod frac'd zone with weak leuc flecs + frac's with py
BG10-51	48.63	53.30			Feldspar Porphyry	grey green		med	aph			non-magnetic; bimodal texture; weak perv ser from upper contact with diorite to 49.5m; overall negl py; lower contact definitive at approx 60 deg TCA - but irregular
BG10-51	53.30	97.44			Diorite	dk green	beige	aph	fine			strongly magnetic except where altered; starting at 58 to 58.8 and prior to MH Zone three late qtz+calcite+epi margins vn's ranging from 1 to 5 cm wide at 15 to 25 deg TCA no assoc py; **59.1 to 72.2m 1 st MH Zone frac'd + shear zone with intense oxy'd hem + 5-25% diss py sections from 59.1 to 61.5 and 68.5 to 69.2m and 5-15% py in carb vn's and frac's at predom 45 to 75 deg TCA with 10-15% leuc flecs with chl at'n from 61.5 to 68.5 and 69.2 to 72.2m**; after 72.2m multiple and 10 cm to 1m spaced carb+epi+qtz vn's with py and localized weak shears with leuc flec halo's; wk shear + chl alt'n + leuc flecs from 92.9 to 94.7m; **95.7 to 98.35m 2nd MH Zone -shear zone with perv chl alt'n + leuc flecs with silicified beige light brown sections from 95.7 to 96.2, 96.7 to 98.85 and 97.8 to 98.35m with 3-10% fg mg diss py, 50% py in vn from 97.91 to 98m**; lower contact at 35 deg TCA
BG10-51	97.44	97.80			Feldspar Porphyry	med grey		aph	med			unit within shear zone; 1-3mm wide plagio pheno's, bimodal texture; 97.7m sil with dk grey qtz vn'ing with ser+ leuc in slips at 25 to 30 deg TCA with fg py; lower contact at 45 deg TCA
BG10-51	97.80	125.00			Diorite	dk green		aph	fine			**as described in 53.3 to 97.44 2nd MH Zone to 98.35m**;after 98.35 m to 118.7m occasional carb+qtz+epi vn'ing with minor fg py; EOH 125m

BG10-52	0.00	6.60	100		Casing							
BG10-52	6.60	13.15	13c		Diorite	med gy	gy-gn	med				25%-60% pk-pa gy feld in chl-after horn?phenos; locy wy mag; could be tuff-heterogeneous; competent-RQD=90; non cbd; 2-4% q-ank vn's locy conc w bl'g to buff gen @70; shrp nat trailing ct@66
BG10-52	13.15	14.40	13e		Syenite	br-red	pur-br	fine				homogeneous; competent-RQD=90; hily cbd; mody mag; 2% q-ank bl'd 1/8" vn's gen @65; shrp nat trailing ct@66
BG10-52	14.40	20.95	13c		Diorite	med gy	gy-gn	med				25%-60% pk-pa gy feld in chl-after horn?phenos; locy wy mag; could be tuff-heterogeneous; competent-RQD=90; non cbd; 2-4% q-ank vn's locy conc w bl'g to buff gen @70; sil'd bx unit @15.1-16.7; shrp nat trailing ct@66
BG10-52	20.95	21.15	13e		Syenite	br-red	pur-br	fine				homogeneous; competent-RQD=90; hily cbd; mody mag; 2% q-ank bl'd 1/8" vn's gen @65; shrp nat trailing ct@85
BG10-52	21.15	27.70	13c		Diorite	med gy	gy-gn	med				25%-60% pk-pa gy feld in chl-after horn?phenos; locy wy mag; could be tuff-heterogeneous; competent-RQD=70 except@26.0-27.7 where = 10; non cbd; 2-4% q-ank vn's locy conc w bl'g to buff gen @70; shrp nat trailing ct@67
BG10-52	27.70	28.45	QFP		Quartz Feldspar Porphyry	red-br	pur-br	med				wy magnetic, hily cbd; 10% qtz+10% feld pheno's; no cse d py; rare dk gy xeno's to 1/4"; shrp nat trailing ct@60 is undulatory; not competent-RQD=20;
BG10-52	28.45	33.90	13c		Diorite	med gy	gy-gn	med				25%-60% pk-pa gy feld in chl-after horn?phenos; locy wy mag; could be tuff-heterogeneous; competent-RQD=70 except@26.0-27.7 where = 10; non cbd; 2-4% q-ank vn's locy conc w bl'g to buff gen @70; shrp nat trailing ct@53 is slip w 1" q-ank
BG10-52	33.90	43.50	5e		Lapilli Tuff	gy-pur	dk gy	med	fine			possible intrusive but looks like wacke or tuff-no bedding/jaspers w good trailing undulatory shrp nat ct @; poorly sorted polylithic unit with a mix of qtz+ feld+mafic frag's;strong pervasive carb alteration; 10% q-ank vn's to 0.1m as stockwork+ vn's@59; non mag; competent-RQD=60; 3-5% f d py locy conc; uncertain trailing ct in BC @ "bad recovery-1.5m LC@43.5-45.0
BG10-52	43.50	45.00	LC		LOST CORE							
BG10-52	45.00	46.00	13c		Diorite	med gy	gy-gn	med				25%-60% pk-pa gy feld in chl-after horn?phenos; locy wy mag; not competent-RQD=10; non cbd; 2-4% q-ank vn's locy conc w bl'g to buff gen @70; shrp nat trailing ct@62
BG10-52	46.00	47.30	QFP		Quartz Feldspar Porphyry	red-br	pur-br	med				wy magnetic, hily cbd; 10% qtz+10% feld pheno's; no cse d py; rare dk gy xeno's to 1/4"; shrp nat trailing ct in BC; not competent-RQD=0;
BG10-52	47.30	50.60	13c		Diorite	med gy	gy-gn	med				25%-60% pk-pa gy feld in chl-after horn?phenos; locy wy mag; not competent-RQD=0; non cbd; 1% q-ank vn's locy conc w bl'g to buff gen @70; shrp nat trailing ct@62
BG10-52	50.60	53.80	QFP		Quartz Feldspar Porphyry	red-br	pur-br	med				wy magnetic, hily cbd; 10% qtz+10% feld pheno's; no cse d py; rare dk gy xeno's to 1/4"; shrp nat trailing ct in BC; not competent-RQD=0;
BG10-52	53.80	57.90	13c		Diorite	med gy	gy-gn	med				25%-60% pk-pa gy feld in chl-after horn?phenos; locy wy mag; not competent-RQD=20; non cbd; 1% q-ank vn's locy conc w bl'g to buff gen @70; shrp nat trailing ct@52
BG10-52	57.90	66.30	13c		Diorite	red-br	gy-br	med				bx of red por(?) w 60% red-br rounded frag's; 25%-60% pk-pa gy feld in chl-after horn?phenos; locy wy mag; not competent-RQD=40; non cbd; 2% q-ank vn's locy conc gen @70;
BG10-52	66.30	73.70	13c		Diorite	med gy	gy-gn	med				25%-60% pk-pa gy feld in chl-after horn?phenos; locy wy mag; not competent-RQD=20; non cbd; 1% q-ank vn's locy conc w bl'g to buff gen @70; shrp nat trailing ct@53; min'd@73.30-73.65
BG10-52	73.70	85.10	BP		Bimodal Porphyry	br-red	pur-buff	cse				fresh; competent-RQD=80; non mag; 10% 1/4"euhedral feld phenos+30%feld +10%qtz 1/8" phenos; <1% q-ank vn's to 1/8"@60 gen; hily cbd; homogeneous;shrp nat trailing ct @67; ct's bl'd
BG10-52	85.10	91.45	13e		Syenite	br-red	pur-br	fine				could be hem'd diorite, but definite syenite dykes @89.5-91.45; 15% leuco throughout; homogeneous; not competent-RQD=10; hily cbd; non mag; 1% q-ank bl'd 1/8" vn's gen @65; shrp nat trailing ct@82; min'd @85.8-86.1, 92.7-93.3
BG10-52	91.45	159.00	13c		Diorite	med gy	gy-gn	med				25%-60% pk-pa gy feld in chl-after horn?phenos; locy wy mag until 102.0, then non mag; epi rare-then inc'g downhole to 5-10% where 3-5% cse bleb py past 136.0+ more gabbroic; not competent-RQD=40 until 110.0 -then =60; hily cbd; 1-3% q-ank vn's locy conc w bl'g to buff gen @70; shrp nat trailing ct@; min'd @109.5-109.7, 121.7-121.75,
BG10-53	0.00	7.30			Casing							
BG10-53	7.30	11.40			Diorite	dk green	med green	fine	aph			non-magnetic; homogenous; perv chl alt'n; weak frac+perv carb alt'n; uniform 3-5% fine leuc flecs; sharp contact with Diorite Bx at 60 deg TCA; 5% carb vn'ing at 0 to 35 deg TCA; 1-2% diss fg py in matrix
BG10-53	11.40	38.50			Diorite Breccia	dk green	med green	coarse	aph			non-magnetic; irregular sized clasts or bx round to sub-round absorbed look sometimes chl alt'd; 15-25% 5 to 20 deg TCA carb vn'ing ; some py vn's assoc with flts highlight at 15.2m with a 2.2cm wide vn with 85% py at 15 deg TCA and 2.5 cm wide qtz vn with 2-5% py at 19.95m at 40 deg TCA; *24.4 to 25.2m N-S Offset Flt?, of western strike of MH Zone with gouge + broken core*; 37.2 to 37.9m weak frac'd section with strong sil+chl alt'n + py in 2-3mm frac's;

BG10-53	38.50	40.70			Syenite	brown mauve		aph	fine			fol'n fabric 25 to 30 deg TCA; chl augites
BG10-53	40.70	57.55			Diorite Breccia	dk green	med green	coarse	aph			non-magnetic; irregular sized clasts or bx round to sub-round absorbed look sometimes chl alt'd; diorite bx from 39 to 39.3m; **40.9 to 46.6m moderate brittle - ductile shear frac zone with perv sil + ser with chl filled frac's + py and late bone white opaque qtz+dol+ank+carb vn'ing with 3-12% py occasional strong py vn's most intense between 42.5 to 44m and 45.1 to 46.2m**; lower contact at 20 deg TCA
BG10-53	57.55	59.45			Feldspar Porphyry	mauve brown		med	aph			non-magnetic; 1-2mm diameter pale white-pink plagio pheno's; chl xeno; contact with syenite not definitive
BG10-53	59.45	67.06			Syenite	dk red brown		fine	aph			non-magnetic; chl augites; strong perv carb alt'n; 61 to 61.8m 0 to 5 deg TCA Flt chl+qtz+carb+dol 2 cm wide; weak 1-2% diss mg py near lower Diorite Bx contact; lower contact broken
BG10-53	67.06	80.00			Diorite Breccia	med green		coarse	aph			mostly non-magnetic except where frac's filled with magnetite; bx clasts are rounded to sub-rounded appear homogenous with spotty chl subrounded to rounded textures, bx homogeneity may be primary due to differential cooling or unit it would be like a Conglomerate; 77.95m to 80m strong 0 deg TCA Flt with gouge + chl + ser+ qtz+dol+carb vn'ing, may be same Flt or Flt system as seen at 61 to 61.8m; 1% diss py in matrix
BG10-56	0.00	3.60	100		Casing							badly broken grnd to 5.4 m
BG10-56	3.60	79.00	QFP		Quartz Feldspar Porphyry	light grey		med	fine			possible FP as quartz xstals not obvious and maybe plagio feld xstals;massive & homogenous unit; non-magnetic; 4-sided and rounded fedlspar xstals white opaque + light grey opaque+ light green opaque - light grey xstals may be qtz but prisms and straitions on vert faces not observed; probable sil + weak to mod ank alt'n overprint, carbonate+cc+ser in wispy stress frac's penetrative & non-penetrative & pervasive, rare fuschite amorphous blotches 1-2 mm in diameter; f.g euhedral py + mo? found in brittle frac's + flt+slips, some py in qtz vn's up to 1 cm wide, f.g. diss py in matrix; 57.6 to 63.2 m matrix has light brown colour pssibly due to more yellow ser in micro frac's and appears to be an increase in spec hem on frac's
BG10-56	79.00	98.23	FP		Feldspar Porphyry	light pale green	light yellow green	fine	cooarse			sharp upper contact at 55 deg TCA; non-magnetic; unit very similar in composition to above unit with major difference being larger 5-8 mm xstals giving a bimodal appearance in places and xstals are shattered; strong ser alt'n with fuschite alt'd xstals and in micro frac's from 79 to 88.5 m; mod fabric fol'n; 1-2% f.g. diss py in matrix; <3% cream opaque qtz+alb+ank vn's;sharp lower contact at 40 to 45deg TCA
BG10-56	98.23	125.10	QFP		Quartz Feldspar Porphyry	light med grey	light brown-med grey	aph	med			as with 3,6 to 79 m but alt'n more variable and with sections having mod to strong frac'ing / brittle shearing with qtz+ank+chl+py specifically from 102.5 to 104.8 m and shear / breccia 117.6 - 125.6 m with large fragments of FP separated by grey vn'ing with f.g. py
BG10-56	125.10	148.88	8a		Conglomerate	pale green grey	med grey & orange-brown	coarse	aph			coarse, matrix supported hetrolithic sed+ volc's, altered, carbonitized, chloritized & pyritic conglomerate, mod foliated & banded at 60dca; core recovery good, but upper section overtorqued & shattered by drllers as 125.6-130.3 and 131.8-132.8m; balance of section mod. blocky, RQD's 50 to 20; mod diss py &/ po as fg-mg diss bands, str's and grains generall ptf (parallel to foliation); minor set of creamy carb hds thro; BC at 40dca sharp
BG10-56	148.88	151.30	4		Rhyolite	pale grey		aph				thin bedded, cherty looking felsic volcanic, S0= 40dca, mod fractured and altered by chl-py strs increasing in intensity downhole, BC on broken core [could be very fg chilled felsite contact zone]
BG10-56	151.30	159.50	FP		Porphyry	med green-grey	black	aph	med			fg, massive sil'd matrix with variable trace - 2% fg diss po/py at upper contact and hosting black chloritized psudomorphs of mod rounded to euhedral (rectangular / hexagonal?) after amphibol? megacrysts; margins chilled intrusive; section grades into:
BG10-56	159.50	170.14	13		Felsite	med grey		aph	vfg			aph chilled massive intermediate intrusive carrying <5% vfg white reacted feldspar microliths showing carb reaction haloes; minor coarse angular felsic xenolths at 30dca from 168-169m; BC sharp at 60dca
BG10-56	170.14	193.50	4		Rhyolite	pale grey	yellow-green	aph				thick bed of flow banded (10 to 45dca) felsic volcanic, massive to mod fractured & altered by lam's & str's of chl / seric and pyrite and occ thin i/c beds of thinly lamnated chert; locally minor bands of mg dk green chl spotting with alteration increasing in intensity downhole; bottom contact (BC) on top of strong spotted seric altn band at 40dca
BG10-56	193.50	198.00	13		Felsite	med grey		aph	m-cg			graded chill zone from aphanitic at top contact to fg/mg at base, carries occ xeno bands of Rhyolite (as above), mod epid-seric spotted & str'dat 50dca witjh ass'd wk py/po strs and thds, altn and SS decreasing downhole, section grades into:

BG10-56	198.00	213.00	13c		Diorite?	med-dk grey		m-cg				highly altered & reXtalized granitoid showing ~40-60% pal4er grey subround altered spar spots in med green chlitic matrix, wkly foliated at 50dca; overprinted by subround dk green to black cg chl spotting and xcut locally by trace white qtz-cc thds & rare strs and variable fg diss sulf. ; 203.6-203.8 = 1cm xcutting 1cm felsite str undulating along core axis; 207.8 - 210 - wkly dev'd felsite/rhyolite injection breccia fillng occ joints and cracks, becoming better developed (ie thicker bands / xeno fragments present) downhole; section grades into:
BG10-56	213.00	237.00	4		Rhyolite?	med grey	yerllow-green	aph				(similar to 170.14-193.5m), massive aph-fg felsic volcanic flow, occ flow banded, stringered and heavily spotted by pale green serc-epid-+/-sulf stringers dev'd parallel to wk foliation at 60-30dca or along pre-exsisting joint / fracture planes; overall wk py strs dev'd; felsic matrix becoming darker below 225m and ass'd with black chl spotting and fracture controlled chl-seric replacement textures; grades into:
BG10-56	237.00	239.00	3		Intermediate Volcanic	dk grey	yellow-green &black	aph				(similar to above) moderately altered & stringered (ser-chl-epid-sulf) med-dark grey intermediate volcanic (probably chloritized felsic volc flow) showing wk-mod coarse black chl spotting and rare thds/strs; grades at 239.0 into:
BG10-56	239.00	263.30	3		Altered Intermediate to Felsic rock	grey	yellow-green & black	aph	fg			(similar to above) highly altered section, heavily stringerd by joint & fracture controlled pea green epid-ser +/-green chl and py/po strs bands & thds, chl-py tends to form cores of spots & strs and is haloed by epid-serc; overall 2% fg diss py & thds thro; , heavy black chl spotting (of above) is not apparent; section is non-magnetic, SI of 1.90x0.001 to 0.50x0.001 units;occ aph flow banded cherty looking dyklets of felsite / felsic feeders as injections noted thro; 239.8m = 4-6cm xcutting late fesic feeder dyke at 85dca; 251.4-251.5 = fg gritty pebbly sed xeno / band, TC ~90dc, BC at 80dca on minor py str; bottom contact of section in area of broken core
BG10-56	263.30	272.13	13		Felsite	med grey		aph	vfg-fg			chilled felsite or trap rock, bit blocky, shows <7% white feldspar microlaths, NSM, 3-+5% white qtz-cc thds sealing joints and fractures thro, BC sharp but undulating at 55dca; last 20cm bleached, sild & micro frac'd with f-mg py thds increasing to contact.
BG10-56	272.13	272.63	BP		Bimodal Porphyry	med-dk brownish grey		aph	m-cg			20% white subhedal spar megacrysts in aph chilled matrix, trace qthds, vfg diss py thro
BG10-56	272.63	300.80	13c		Chilled Diorite?	dk grey	green	aph	fg			chilled, very strongly altered sild and epidotized pyritic inter-mafic intrusive showing local bands of chert xeno's, 272.63-275.5: mod fg diss py and occ strs; 284-285 granophyric texture; 286 - 300.8 well dev'd xcutting pyrite thds becoming vfg diss WSMS strs downhole, including at 286.75-276.90 well dev'd half moon of ribboned calcite-py vein with 40% lithic slivers; BC on broken core
BG10-56	300.80	307.90	BP		Bimodal Porphyry	med grey		aph	f-cg			25-15% f-mg and c-vcg spar megacrysts in aph intermediate chilled matrix, massive, megacrysts locally wkly aligned trachytric/flow banded, NSM, minor low angle qc thds, bery blocky & broken thro; BC on broken core, chilled /~10cm and intrusive at ~15dca\
BG10-56	307.90	348.00	13c		Diorite	med grey	locally pale buff, brown-grey, green-grey	fg	aph			307.9-318: chilled aph massive dio, very blocky, minor cc & qc thds/strs, grades into; 318-321.1: mottled and wkly brecciated pale greenish-buff & hematitic pale brown-grey, alt'd chilled dio, mod-strong cc stockwork thds at 5, 80 and 115dca ~ 15-20%cc, wk py thds & clots thro, BC on tight xcutting bit gougy slip at 30dca rotated;321.1-334.4: f-mg grey to green-grey massive dio, <5% wh qc thds & styrs, occ py strs dev'd thro; BC on ribboned & poss shd? qc-py str at 50dca; 334.4-335.2: mod bx'x, strongly allted & chl'd, wkly banded at 130dca zone, BC on intersect of two tight slips at 18dca and lower 100dca; 335.2-348.0, chilled massive grey dio. wkly fracd & sealed by occ cc/qc thds, minor xcutting irreg chl thds, wkly min'd by xcutting py thds, clots & rare diss str bands, wkly sild & hematitic at 340.0-344.0; **348.0 EOH**, logged R.V. Zalnieriunas Aug.8/10, Kirland Lake, ON- Toburn Mine site.
BG10-58	0	8.65	100		Casing							
BG10-58	8.65	13.30	13c		Diorite	med gy		med				25%-40% pk-pa gy feld in chl-after horn?phenos w 5% chl-spec fract's as stockwork; v highly mag- magn visible locy;competent-RQD=80; 3% leucoxene conc @ min'd zones; spec hem locy; 3-5% q-ank vn's gen @70; slip trailing ct@80;
BG10-58	13.30	23.00	5e		Lapilli Tuff	pur-gy	pur-gy	fine				mottled; 5-8% q-ank vn's to 1/2"@70; v highly mag mostly (wy locy); competent-RQD=60; locy 30% qtz 1/8"-could be por but the rest has heterogeneous lapilli's; shrp nat trailing ct@53; locy bl'd but gen fresh; 2% cse d py
BG10-58	23.00	31.25	13c		Diorite	med gy		med				25%-40% pk-pa gy feld in chl-after horn?phenos w 5% chl-spec fract's as stockwork; v highly mag- magn visible locy;competent-RQD=80; 3% leucoxene conc @ min'd zones; spec hem locy; 3-5% q-ank vn's gen @70; shrp nat trailing ct@33;
BG10-58	31.25	48.85	BP		Bimodal Porphyry	pur-gy	med gy	cse				fresh; competent-RQD=60; non mag; 10% 1/4"euhedral feld phenos+30%feld +10%qtz 1/8" phenos; mafic gy-gn xeno's to 2"; non cbd; homogeneous;2% epi locy conc; shrp nat trailing ct @74

BG10-58	48.85	136.00	13c		Diorite	med gy		med				25%-40% pk-pa gy feld in chl-after horn?phenos w 5% chl-spec fract's as stockwork; v highly mag- magn visible locy;competent-RQD=80; 3% leucoxene conc @ min'd zones; spec hem locy;1-2% q-ank vn's gen @30+70; 2% epi locy conc; min'd@75.5-76.55, 72.5-73.2, 73.5 (2"), 67.5 (1"), 47.85 (2"), 94.5-95.0, 102.65-102.75, 106.3-106.5, 110.5-112 (MAIN ZONE?), 114.8-115.8(MAIN ZONE?), 117.6-120.9(MAIN ZONE?) are non mag; bl'd/hem'd locy @102.65-131.6- fresh epi-rich thereafter
BG10-59	0	8.55	100		Casing							
BG10-59	8.55	13.80	13c		Diorite	med gy	gy-pur	med				25%-60% pk-pa gy feld in chl-after horn?phenos w 5% chl-spec fract's as stockwork; v highly mag; competent-RQD=60; 3% leucoxene; spec hem locy; 2% q-ank vn's gen @30+0; shrp flt ct@18
BG10-59	13.80	21.55	BP		Bimodal Porphyry	pur-gy	pa gy	cse				fresh but locy wy bl'd on chl+q-ank vn's; competent-RQD=60; non mag; 10% 1/4"euhedral feld phenos+30%feld +10%qtz 1/8" phenos; mafic gy-gn xeno's to 2"non cbd; homogeneous;shrp nat ct @51 imm prec by 0.7m pa gy por w no 1/4" phenos
BG10-59	21.55	42.40	13c		Diorite	med gy	gy-pur	med				could be Felsic Syenite-pur, almost aph; 25%-45% pk-pa gy feld in chl-after horn?phenos w 5% chl-spec fract's as stockwork; v highly mag; competent-RQD=60; 3% leucoxene locy conc; spec hem locy; 4% q-ank vn's gen @35+0; trailing ct is GC; Zone @35.5-35.8
BG10-59	42.40	43.00			Basic Syenite	med gn	olive gn	med				10% 1/8" mafic (augite?) phenos+5% qtz phenos (por?); dyke w 10% q-ank@55; bl'd locy; trailing ct fresh nat@20; non mag
BG10-59	43.00	56.75	13c		Diorite	med gy	gy-pur	med				could be Felsic Syenite-pur, almost aph; 25%-45% pk-pa gy feld in chl-after horn?phenos w 5% chl-spec fract's as stockwork; v highly mag; competent-RQD=60; 3% leucoxene locy conc; spec hem locy; 4% q-ank vn's gen @35+0; trailing ct is GC; becomes inc'gly bl'd/alt'd downhole; Zone @56.5-56.8
BG10-59	56.75	76.45	QFP		Quartz Feldspar Porphyry	red-br	buff-br	cse				non mag; non cbd; competent-RQD=80; rare cse d py; 30% anhedral 1/8"pk-wt qtz phenos; heterogeneous-hem'd/bl'd locy; 1% q-ank vn's to 1/4" locy conc@70-80 gen; shrp nat trailing ct@62
BG10-59	76.45	91.85	13c		Diorite	dk gy	gy-br	med				25%-45% pk-pa gy feld in chl-after horn?phenos w 5% chl-spec fract's as stockwork; v highly mag; competent-RQD=60; 3% leucoxene locy conc around min'd zones; spec hem locy; 2% q-ank vn's gen @35+60; trailing ct shrp nat@73; becomes inc'gly epi'd downhole to 5%; bl'd+py+ Main Vein Zone (below 125 L stope/benches) @75.5-75.8, 76.7-77.8-all min'd zone non mag w leuco increase noteable
BG10-59	91.85	120.00	QFP		Quartz Feldspar Porphyry	red-br	buff-br	cse				non mag; non cbd; competent-RQD=60; rare cse d py; 30% anhedral 1/8"pk-wt qtz phenos; homogeneous; 1% q-ank vn's to 1/4"@25 gen; shrp nat trailing ct@
BG10-60	0	4.4	100		Casing							
BG10-60	4.40	15.00	13c		Diorite	dk gy	gy-gn	med				25%-60% pk-pa gy feld in chl; v hily mag except in min'd leuco zones; rare epi locy conc as clots;competent-RQD=80; 3-5% leucoxene locy conc at min'd zones; hily cbd; spec hem locy; 1-2% q-ank vn's locy conc gen @10+60; 1% cse d py locy conc; min'd@5.1 (1/2"), 13.2-15.0 (q-ank); slip ct
BG10-60	15.00	16.80	QFP		Quartz Feldspar Porphyry	khaki gn	gn-buff	med				non-magnetic, non cbd; rare 1/4" emerald gn xeno's; 30% qtz+10% feld pheno's barely visible; ser'd; 3% cse d py locy conc; indistinct shrp nat trailing ct@70; competent-RQD=90; min'd@16.4-16.8
BG10-60	16.80	81.00	13c		Diorite	dk gy	gy-gn	med				25%-60% pk-pa gy feld in chl; v hily mag except in min'd leuco zones; 3% epi locy conc as clots;competent-RQD=80; 3-5% leucoxene locy conc at min'd zones; hily cbd; spec hem locy; 3-5% q-ank vn's locy conc gen @45-70; 1% cse d py locy conc; #11 Vein@35.2-35.5; min'd@ 35.8 (1"), 36.6-36.95; 40.1-40.7, 57.8-57.85, 59.0-59.1, 69.65-69.9
BG10-61	0	18.2	100		Casing							
BG10-61	18.20	25.25	13c		Diorite	dk gy	gy-gn	med				25%-60% pk-pa gy feld in chl; non mag; 3% epi locy conc as clots;competent-RQD=70;rare leucoxene; non cbd; spec hem locy; 1-2% q-ank vn's locy conc gen @30; 1% cse d py locy conc; shrp nat trailing ct@41
BG10-61	25.25	29.75	BP		Bimodal Porphyry	pur-gy		cse				fresh but locy wy bl'd on chl+q-ank vn's; competent-RQD=60; non mag; 10% 1/4"euhedral feld phenos+30%feld +10%qtz 1/8" phenos; mafic gy-gn xeno's to 1/2" non cbd; homogeneous;shrp nat trailing ct @54
BG10-61	29.75	40.20	13c		Diorite	dk gy	gy-gn	med				25%-60% pk-pa gy feld +chl phenos (after horn?); non mag; 5% epi locy conc as clots+ vn's gen@30;competent-RQD=80;rare leucoxene; non cbd; spec hem locy; 1-2% q-ank vn's locy conc gen @30; 1% cse d py locy conc; indistinct trailing ct
BG10-61	40.20	42.45	5e		Lapilli Tuff	gy-pur	dk gy	med	fine			possible intrusive but looks like wacke or tuff-no bedding/jaspers w good trailing undulatory shrp nat ct @61; poorly sorted polylithic unit with a mix of qtz+ feld+mafic frag's;strong pervasive carb alteration; 1% q-ank vn's to 1/16" as stockwork; non mag; competent-RQD=60; 3-5% f d py locy conc;

BG10-61	42.45	49.50	13c		Diorite	dk gy	gy-gn	med				25%-60% pk-pa gy feld +chl phenos (after horn?); non mag; 5% epi locy conc as clots+ vn's gen@30;competent-RQD=80;rare leucoxene; non cbd; spec hem locy; 1-2% q-ank vn's locy conc gen @30; 1% cse d py locy conc; Stope from 49.5m to 51m?
BG10-61	49.50	51.00	150		Stope							
BG10-61	51.00	81.00	13c		Diorite	dk gy	gy-gn	med				EOH
BG10-62	0.00	33.00	100		Casing							
BG10-62	33.00	37.72	13c		Diorite	dk gn	med gn	aphanitic	med			non magnetic, weak to moderate luec flecs throughout; strong carb alt'n; blocky grnd from 33 to 35 m and from 36.2 to 37.72 m RQD=55; pink-white qtz+calcite veining; minor diss perv py and py in fractures
BG10-62	37.72	38.90	QFP		Quartz Feldspar Porphyry	lt gy	med gy	med				non-magnetic, strong carb alt'n; early dk gy fracturing gives bx appearance; late qtz+calcite veining; 1% diss py in frac's/clots
BG10-62	38.90	46.45	13c		Diorite	med gn	dk gn	med	aphanitic			non-magnetic; strong perv carb alt'n; 39 to 39.7 strong calcite/carb veining + weak hydrothermal bx; 39.7 to 41.7 m weak frac/fol fabric at 45 to 50 deg TCA with weak chl and sometimes py in <0.2 cm fractures; 41.7 to 46.45 m <5% carb veining, rare <0.2 cm fractures with py + epi margins
BG10-62	46.45	52.87	BP		Bimodal Porphyry	mauve	dk brown	coarse	aphanitic			non-magnetic, strong perv carb alt'n; 0.75 cm diameter felds prism's pink-white, in dk brown aphanitic matrix; feld's show fabric orientation; 51 to 52 m 1 cm wide o deg TCA qtz+ carb vein; sharp lower contact BP unaltered at contact diorite shows strong carb alt'n+fracturing
BG10-62	52.87	73.88	13c		Diorite	dk gn	med gn	aphanitic	med			strongly magnetic; mod to strong perv carb alt'n; occasional carb+qtz+epi veining with mod to strong py in fractures; mod to strong py zones at 52.87 to 54 m, 58.3 to 58.4m, 66 to 66.1m, 72 to 73.1 m; 80% qtz+calcite veining from73.5 to 73.88m with splashes of cpy up to open stope at 73.88; possible core piece missing at 72 m
BG10-62	73.88	75.00	150		Stope							
BG10-62	75.00	81.00	13c		Diorite	dk gn		med	aphanitic			strongly magnetic; mod-strong perv carb alt'n; qtz+epi+carb veining and fractures; py zones at 76.4 to 76.6m, 78.2 to 78.7 m; 75 to 76.4 m 50% qtz+calcite veining with splashes of cpy; at 77.15 parallel <0.3 cm wide opaque qtz+calcite veins with epi margins with splashes of cpy+possible v.g.
BG10-63	0	10.15	100		Casing							
BG10-63	10.15	48.00	13c		Diorite	dk gy	gy-gn	med				25%-60% pk-pa gy feld in chl-after horn?phenos w 5% chl-spec fract's as stockwork;highly mag;3% epi locy conc assd w min'd zones-gen@35-45, ;competent-RQD=90; leucoxene to 10% only assd w min'd zones; non cbd; spec hem locy; 1-2% q-ank vn's locy conc gen @60;
BG10-64	0.00	9.30	100		Casing							
BG10-64	9.30	16.20	13c		Diorite	med gy	gy-pur	med				25%-60% pk-pa gy feld in chl-after horn?phenos; non mag; rare epi clots;competent-RQD=80; hily cbd; 1-2% q-ank vn's locy conc gen @30; mostly homogeneous; rare leuco- at min'd zones; bx throughout; shrp nat trailing ct@56;
BG10-64	16.20	16.40	5f		Ash Tuff	pur	gy-pur	fine				almost aph; v hily mag; hily cbd; ends on 1/2" 20% cse py vn@42
BG10-64	16.40	17.05	13c		Diorite	med gy	gy-pur	med				25%-60% pk-pa gy feld in chl-after horn?phenos; non mag; rare epi clots;competent-RQD=80; hily cbd; 1-2% q-ank vn's locy conc gen @30; mostly homogeneous; rare leuco- at min'd zones; bx throughout; shrp nat trailing ct@56;
BG10-64	17.05	17.30	5f		Ash Tuff	pur	gy-pur	fine				almost aph; v hily mag; hily cbd; shrp nat trailing ct@46;
BG10-64	17.30	35.70	13c		Diorite	med gy	gy-pur	med				25%-60% pk-pa gy feld in chl-after horn?phenos; non mag; rare epi clots;competent-RQD=80; hily cbd; 1-2% q-ank vn's locy conc gen @30; mostly homogeneous; rare leuco- at min'd zones; bx throughout; shrp nat trailing ct@22; min'd@35.2-36.4
BG10-64	35.70	36.20	QFP		Quartz Feldspar Porphyry	pa gy	med gy	med				non-magnetic, non cbd; 10% qtz+10% feld pheno's; no cse d py; rare dk gy xeno's to 1/4"; shrp nat trailing ct@25; competent-RQD=80;
BG10-64	36.20	81.00	13c		Diorite	med gy	gy-pur	med				25%-60% pk-pa gy feld in chl-after horn?phenos; non mag; rare epi clots;competent-RQD=80; hily cbd; 1-2% q-ank vn's locy conc gen @30; mostly homogeneous; rare leuco- at min'd zones; bx throughout to 43.0, then 5% epi+ locy mag;
BG10-65	0.00	7.3	100		Casing							
BG10-65	7.30	17.70	QFP		Quartz Feldspar Porphyry	red	red-br	med				non-magnetic, non cbd; 30% qtz+10% feld pheno's; ser'd wy locy; 5-8% cse+bleb d py locy conc; shrp nat trailing ct@47; competent-RQD=60; min'd @ 7.3-15.1; well min'd@9.3-9.7, 14.9-14.75;
BG10-65	17.70	34.10	5i		Trachyte, porphritic	gn-br-buff	gn-gy	aph				amorphous, aph w 5% feld pheno's locy; competent-RQD=50; 5% q-ank 1/8" vn's locy conc@30 gen; 2% cse d py locy conc; posy fel dyke @29.2-29.45; indistinct trailing ct

BG10-65	34.10	81.00	13c		Diorite	med gy	gy-pur	med				25%-60% pk-pa gy feld in chl-after horn?phenos; non mag until 74.5-then mody mag; rare epi changes to 5% epi locy conc after 41.0;competent-RQD=70; rare leucoxene locy conc @ min'd zones; non cbd; 2% q-ank vn's locy conc gen @45; mostly homogeneous; bx @65.8-70.2 w 35% up to 2" ang pa gy-gn frag's of dio; shrp nat trailing ct @; min'd @42.5-42.55, 45.75-4582, 51.15-51.3, 52.9-52.93, 60.2, 60.9-61.2, 70.3-71.65 ;
BG10-66	0.00	8.35	100		Casing							
BG10-66	8.35	8.40	QP		Quartz Porphyry	wt-buff	pk-buff	med				non-magnetic, non cbd; 30% qtz pheno's; ser'd wy locy; 1-3% cse d py locy conc esp along 1% chl fract's locy conc@gen 45; pkish hue; shrp nat trailing ct@80 is bl'd; competent-RQD=90;
BG10-66	8.40	9.95	QFP		Quartz Feldspar Porphyry	pa gy	med gy	med				non-magnetic, non cbd; 10% qtz+10% feld pheno's; no cse d py; rare dk gy xeno's to 1/4"; shrp nat trailing ct@75; competent-RQD=80;
BG10-66	9.95	84.00	QP		Quartz Porphyry	wt-buff	pk-buff	med				non-magnetic, non cbd; 30% qtz pheno's; ser'd wy locy; 1-3% cse d py locy conc esp along 1% chl fract's locy conc@gen 45; pkish hue@32.7-37.5, 78.0-80.0; shrp nat trailing ct@; competent-RQD=70 except@13.7-21.5, 37.6-40.0, 52.5-55.4 where fract's @70-80; min'd@32.2-33.1, 42.0 (3/4"), 43.0-44.1, 69.8-70.3, 73.9-74.4
BG10-67	0	7.5	100		Casing							
BG10-67	7.50	51.00	13c		Diorite	dk gy	gy-gn	med				25%-60% pk-pa gy feld in chl-after horn?phenos w 5% chl-spec fract's as stockwork; highly mag; 3% epi locy conc assd w min'd zones-gen@60, ;competent-RQD=90; leucoxene to 10% only assd w min'd zones; non cbd; spec hem locy; 1-2% q-ank vn's locy conc gen @45;
BG10-68	0	25.7	100		Casing							
BG10-68	25.70	90.00	13c		Diorite	dk gy	gy-gn	med				25%-60% pk-pa gy feld in chl; non mag; 3% epi locy conc as clots;competent-RQD=70;rare leucoxene; non cbd; spec hem locy; 1-2% q-ank vn's locy conc gen @30; 1% cse d py locy conc; 3-4% q-ank-carb vn's@56.0-75.5 where dio is dk gn, fresher; mud fault @79.0-79.6-posy w 0.2m LC; min'd @79.6-84.3; hily mag w magn visible@86.5-;
BG10-69	0	18.2	100		Casing							
BG10-69	18.20	35.60	13c		Diorite	dk gy	gy-gn	med				25%-60% pk-pa gy feld in chl; non mag; 3% epi locy conc as clots;competent-RQD=70;rare leucoxene; non cbd; spec hem locy; 1-2% q-ank vn's locy conc gen @30; 1% cse d py locy conc; shrp nat trailing ct@63 in BC; #6 Vein@29.7-30.2; min'd@33.8-34.2
BG10-69	35.60	38.60	13a		Lamprophyre	gy-pur	dk gy	med	fine			possible tuff but with 1% 1/8" rect mafic dk gy phenos-posy augites?; strong pervasive carb alteration; rare q-ank vn's to 1/8"; non mag; not competent-RQD=20; 1% f d py locy conc; shrp nat trailing ct@56
BG10-69	38.60	42.00	13c		Diorite	dk gy	gy-gn	med				25%-60% pk-pa gy feld in chl; non mag; 3% epi locy conc as clots;competent-RQD=70;rare leucoxene; non cbd; spec hem locy; 1-2% q-ank vn's locy conc gen @45; 1% cse d py locy conc;
BG10-70	0.00	15.90	100		Casing							
BG10-70	15.90	39.00	13c		Diorite	pa gy-gn	buff	med				25%-60% pk-pa gy feld in chl-after horn?phenos; non mag; rare epi clots;not very competent-RQD=50; hily cbd; 5-10% q-ank vn's locy conc w bl'g to buff gen @30-60; rare leuco- at min'd zones; BC locy @18.0-19.5; BT @39m (10m); min'd@36.0-39.0m
BG10-70	39.00	49.00	150		Stope							EOH
BG10-71	0.00	6.20	100		Casing							
BG10-71	6.20	29.30	13c		Diorite	med gy	gy-pur	med				25%-60% pk-pa gy feld in chl-after horn?phenos w 5% chl-spec fract's as stockwork; v highly mag- magn visible; epi to 5% locy; competent-RQD=80; 3% leucoxene locy conc at min'd zones; spec hem locy; 1% q-ank vn's gen @40+0; ct lost in BC; min'd@ 15.1-15.2, 24.7-24.9
BG10-71	29.30	43.50	BP		Bimodal Porphyry	pur-gy	pa gy	cse				fresh but locy wy bl'd on chl+q-ank vn's; competent-RQD=60; non mag; 10% 1/4"euhedral feld phenos+30%feld +10%qtz 1/8" phenos; mafic gy-gn xeno's to 2"non cbd; homogeneous; shrp nat trailing ct in BC
BG10-71	43.50	171.00	13c		Diorite	med gy	gy-pur	med				25%-60% pk-pa gy feld in chl-after horn?phenos w 5% chl-spec fract's as stockwork; v highly mag- magn visible except for non mag min'd zones; epi to 5% locy; competent-RQD=80; 3% leucoxene locy conc at min'd zones; spec hem locy; 1% q-ank vn's gen @40+0; min'd@ 53.9-54.1, 57.9-58.0, 70.8-70.9, 78.3-80.6, 83.0-83.5, 86.7-86.9, 90.5-90.6, 91.8-92.5, 98.0-98.4, 102.0-103.1, 115.3, 129.8, 148.7-148.8, 151.4-154.4, 158.5-158.8
BG10-72	0.00	23.30	100		Casing							
BG10-72	23.30	54.10	13c		Diorite	med gy	pur-br	med				25%-60% pk-pa gy feld in chl-after horn?phenos- locy gabbroic texture; sand seam w 50% cse py @36.7=37.0 but no sign of structure going in (not obviously flt-more a fissure; non mag-locy hily mag; shr'd @53.1-53.3, 54.1- stry w 20% q-ank+ hily bl'd; no epi; competent-RQD=60; 1% leucoxene locy conc at min'd zones; 1% q-ank vn's gen @30; min'd@33.5-34.2, 53.15-53.25, 54.1-54.9; flt@38.2-38.4; trailing ct is shr

BG10-72	54.10	60.10	5f		Ash Tuff	gy-pur	dk gy	med	fine			possible intrusive but looks tuff-no bedding/jaspers; lapillis posy to 1/8"; no carb alteration; 2-3% q-ank vn's to 1/2" @70 gen; v hily mag locy-wy otherwise; competent-RQD=90; 2-3% cse d py locy conc; uncertain trailing ct in BC; spec hem common w vn's to 1/4"; min'd@ 54.1-54.9
BG10-72	60.10	83.20	13c		Diorite	med gy	pur-br	med				25%-60% pk-pa gy feld in chl-after horn?phenos- locy gabbroic texture; v hily mag; locy epi conc to 5%; not competent-RQD=20; 1% leucoxene locy conc at min'd zones; 1% q-ank vn's gen @45; trailing ct is GC
BG10-72	83.20	88.50	BP		Bimodal Porphyry	pur-gy	pa gy	cse				fresh but locy wy bl'd on chl+q-ank vn's;not competent-RQD=10 unil 86.0-then =40; non mag; 10% 1/4"euhedral feld phenos+30%feld +10%qtz 1/8" phenos; mafic gy-gn xeno's to 2"; non cbd; homogeneous; shrp nat trailing ct@ 57
BG10-72	88.50	197.00	13c		Diorite	med gy	pur-br	med				25%-60% pk-pa gy feld in chl-after horn?phenos- locy gabbroic texture; v hily mag; locy epi conc to 5% (3-5% overall from 129.0-____; competent-RQD=50 (=20@93.0-98.0, 105.0-111.0) ; 1% leucoxene locy conc at min'd zones; 1% q-ank vn's gen @70;min'd @113.7-113.8,119.7-122.4, 125.0-126.1, 127.0-127.4, 128.4-128.6, 131.7-132.2, 134.3-134.6, 135.6-135.8, 136.4-136.5, 139.2-139.3, 141.4-142.0, 156.0-156.3, 158.7-159.0, 166.9-167.2, 173.6-174.2, 175.6-176.6, 178.25-178.8 and 186.2-186.4; LC@148.9-150.0 (no sign of alt'n either side); EOH at 197.0m - ; Logged by ms & rvz, Aug3/10, Kirkland Lake, ON
BG10-73	0.00	20.50	100		Casing							
BG10-73	20.50	52.55	13c		Diorite	med gy	gy-pur	med				25%-60% pk-pa gy feld in chl-after horn?phenos -mostly gabbrois texture; non mag-locy mody mag approaching tuff; no epi; competent-RQD=60; 3% leucoxene locy conc at min'd zones; 3-5% q-ank vn's gen @27-45; shrp nat trailing ct@77; min'd@ 31.4-31.85, 37.5-37.8
BG10-73	52.55	59.50	5e		Lapilli Tuff	pur-gy	pur-gy	fine				mottled; 5-8% q-ank vn's to 1/2"@70; v highly mag mostly (wy locy)-magn visible; competent-RQD=60; heterogeneous lapilli's; shrp nat trailing ct@66; locy bl'd but gen fresh; 1% cse d py; non cbd
BG10-73	59.50	82.40	13c		Diorite	med gy	gy-pur	med				25%-60% pk-pa gy feld in chl-after horn?phenos w 5% chl-spec fract's as stockwork; v highly mag- magn visible except for non mag min'd zones; epi to 5% locy; competent-RQD=40; 3% leucoxene locy conc at min'd zones; spec hem locy; 2% q-ank vn's gen @50; shrp nat trailing ct @84
BG10-73	82.40	87.40	BP		Bimodal Porphyry	pur-gy	pa gy	cse				fresh but locy wy bl'd on chl+q-ank vn's; competent-RQD=60; non mag; 10% 1/4"euhedral feld phenos+30%feld +10%qtz 1/8" phenos; mafic gy-gn xeno's to 2"non cbd; homogeneous; shrp nat trailing ct@53
BG10-73	87.40	195.00	13c		Diorite	med gy	gy-pur	med				25%-60% pk-pa gy feld in chl-after horn?phenos w 5% chl-spec fract's as stockwork; v highly mag- magn visible except for non mag min'd zones; epi to 5% locy; competent-RQD=70; 3% leucoxene locy conc at min'd zones; spec hem locy; 2% q-ank vn's gen @50; shrp nat trailing ct @; min'd @115.8-117.0, 118.8-119.7, 122.7-122.9, 124.4-125.2, 126.5-126.6, 131.6-131.7, 125.8-136.4,
BG10-76	0.00	21.30	100		Casing							
BG10-76	21.30	45.00	13c		Diorite	med gy	gy-pur	med				25%-60% pk-pa gy feld in chl-after horn?phenos; non mag-locy mody mag; no epi; competent-RQD=50; 3% leucoxene locy conc at min'd zones; 2% q-ank vn's gen @30; trailing ct is flt; min'd@29.1-29.7
BG10-76	45.00	50.15	13e		Syenite	br-red	pur-br	fine				gen homogeneous; not competent-RQD=20; hily cbd; mody mag; 40% blk phenos to chl in red feld-locy posy 15% augites; trailing ct in BC; 3/4" dk gy xeno
BG10-76	50.15	56.65	BP		Bimodal Porphyry	pur-gy	pa gy	cse				fresh but locy wy bl'd on chl+q-ank vn's; competent-RQD=60; non mag; 10% 1/4"euhedral feld phenos+30%feld +10%qtz 1/8" phenos; mafic gy-gn xeno's to 2"non cbd; homogeneous; shrp nat trailing ct@65 imm prec by 0.8m chill zone w 30% q-dolo vn's to 1"
BG10-76	56.65	56.85	13e		Syenite	pk-br	buff	fine				gen homogeneous; competent-RQD=90; non cbd; non mag; 40% gn chl after phenos in pk feld; shrp nat sheared trailing ct@27 ;
BG10-76	56.85	62.60	5f		Ash Tuff	gy-pur	dk gy	med	fine			possible intrusive but looks tuff-no bedding/jaspers; no carb alteration; 5% q-ank vn's to 1/2" @45 gen; v hily mag; competent-RQD=90; 2-3% cse d py locy conc; uncertain trailing ct in BC; spec hem common w vn's to 1/4"
BG10-76	62.60	78.00	13c		Diorite	med gy	gy-pur	med				25%-60% pk-pa gy feld in chl-after horn?phenos- more gabbroic texture downhole; v hily mag; no epi; not competent-RQD=30;1% leucoxene locy conc at min'd zones; 1% q-ank vn's gen @45; trailing ct is BC;
BG10-76	78.00	84.60	BP		Bimodal Porphyry	pur-gy	pa gy	cse				fresh but locy wy bl'd on chl+q-ank vn's; competent-RQD=60; non mag; 10% 1/4"euhedral feld phenos+30%feld +10%qtz 1/8" phenos; mafic gy-gn xeno's to 2"non cbd; homogeneous; shrp nat trailing ct@63

BG10-76	84.60	180.00	13c		Diorite	med gy	gy-pur	med				25%-60% pk-pa gy feld in chl-after horn?phenos; unit @104.6-109.0 looks like tuff described before but grad ct's -w 15% ank+ bl'd+ hily mag; v hily mag except@ min'd zones+ @174.0-180 where non mag; no epi until 153.1-180; not competent to 101.0-RQD=30, then RQD=80 to 156.0, then RQD= 30 to EOH; 2% leucoxene locy conc at min'd zones; 1% q-ank vn's gen @50; min'd@94.9-95.0, 102.9-103.0, 114.7-108.1, 116.5-117.5, 143.7-145.4, 147.0-153.1, 154.95-155.2 (VG)
BG10-77	0.00	21.60			Casing							
BG10-77	21.60	28.70			Diorite	med grey green		med	fine			non-magnetic; mottled texture; strong perv.carb; 5-10% lt carb veining <0.25 cm wide; lower contact sharp with carb+pinl calcite veining at 70 deg TCA
BG10-77	28.70	40.10			Feldspar Porphyry	medium green	pale beige	med	aph			non-magnetic; pale green-white + pink-red feld pheno's in green aph matrix; strong perv. Carb + chl alt'n; soft matrix; stronger alt'n + moderate to strong fabric after 33.1 m (fault) to 39.3m and **at 38.15m - 3cm + 2 cm wide sub parallel carb+ qtz veins with 50-60% py at 45 deg TCA; strong mud gouge fault at 38.5m**; 39.3 to 39.6 diorite irregular & broken contacts; broken lower contact at 40.1m
BG10-77	40.10	50.50			Diorite	dark green		aph				non-magnetic & magnetic; mod to strng perv carb; 5-10% lueco flecs; 10% carb+qtz veining occasionally with py & cpy& spec hem; lower contact irregular and at 90 deg TCA
BG10-77	50.50	53.50			Syenite	dark red	med green	fine	aph			non-magnetic; dk green chl augite phenos; strng perv carb; 52.95 to 53.3m 3-5% py in 0.25 cm wide frac's at 55 deg TCA; sharp lower contact at 55 deg TCA
BG10-77	53.50	54.10			Diorite	dark green						strng perv carb; non-magnetic; 10-15% leuc flecs
BG10-77	54.10	54.85			Feldspar Porphyry	med brown	med green	med	aph			upper contact sharp at 55 deg TCA; 35% qtz=ank veining; negl. F.g. Py in frac's
BG10-77	54.85	81.70			Diorite	med green		aph				predomonantly non-magnetic with a few narrow sections magnetic; strng perv carb throughout; 10% leuc flecs from 54.85 to 55.91, ending abruptly at 10 cm wide qtz carb vein 55 deg TCA; **62.25 to 62.77m, 70.43 and 71.15 to 72.2m sections of strong sulphides in veins**
BG10-77	81.70	90.02			Feldspar Porphyry	med brown		med	aph			bimodal size pale white+pink feldspar pheno's cubic + prismatic shaped in aphanitic matrix, non-magnetic; strng perv carb; pheno show strng fabric at 30 to 60 deg TCA; 86 to 86.5m carb+chl v's at 30 to 45 deg TCA; lower contact only identified by magnetic change - hard visual
BG10-77	90.02	141.35			Diorite	med green		fine				strng perv carb; strng magnetic; 10% carb veining; 102.7m carb v'ing increases to 15-20%; at approx 110m pervasive carb alt'n decreasing in strength - weak & spotty up to and past mineralized zone - carb alt'n picks up in strength after main MH Zone at 151m; 119.42 to 119.44m narrow FP at 45 deg TCA, slips + qtz v at contact; **138.8 to 141.6m MH Zone, non-magnetic, no visible luec flecs, starts with strng shear from 138.8 to 139.7m with carb+ser+qtz 3-5% diss py, with 30cm wkly frac'd sil'd diorite, at 140 to 141.35m 30-40% dk qtz +lesser extent white qtz+ank matrix with 15-20% brassy py in matrix and in frac's, heavy (60% over 10 cm) dk qtz at contact with FP; some dk qtz vn'ing occurrences in FP with py at margins**
BG10-77	141.35	150.50			Feldspar Porphyry	brick red	med to light grey	med	aph			upper contact at 45 deg TCA? Obscured by qtz vn'ing; non-magnetic; ***from 141.35 to 150.5m possible MH Zone extension into FP with frequent sections of dk grey qtz vn'ing overall 5-10% with py on margins or within and brick red alt'n halo's (hem or K-sapr)*** ; 10% late opaque ank+qtz vnlets
BG10-77	150.50	157.50			Diorite	med grey green	med green	med	fine			upper contact difficult to discern except for magnetic signature; strng mag; wk to mod perv carb alt'n; frequent occurrences of 10 to 20 cm wide sections of carb+Kspar (hem)+py sometime dk grey qtz vn'ing appeears to be controlled by fracturing at 60 to 85 deg TCA
BG10-77	157.50	181.90			Feldspar Porphyry	brick red	med green-grey	med	aph			non-magnetic; Kspar(hem) mod to strng alt'n from 157.5m with dk grey qtz vn'ing + py weakening in strength to 162.7m; after 162.7m generally wkly to no alteration with periodic sections of pheno's showing epidote alt'n; 181.4 to 181.6m diorite; lower contact irregular low angle
BG10-77	181.90	200.00			Diorite	dk green		fine				non-magnetic; wk perv carb in some sections; spotty epi alt'n especially around carb+qtz vn'ing; around 194 m to end of hole 5-10% leuc flecs;198.3 to 198.4m a 10 cm section of weak hem alt'n & 1-3% py due to a 1cm Flt? at 85 deg TCA
BG10-78	0.00	20.30			Casing							
BG10-78	20.30	21.53	8d		Mudstone	med-dk grey		aph				med-thinly bedded, mod bx'd, wk chl, mod-wk xcutting py thds thro
BG10-78	21.53	21.80			Lost Core							no core recovery
BG10-78	21.80	30.20	13c		Diorite	med-dk green-grey		mg	fg			non-magnetic, mod. altered and wkly pyritized intermediste intrusive,chl'd-epid and magnetite grains visible, grades finer downhole, entire section increasingly fractured and sealed by pale grey qtz and younger? creamy white qtz-trace calcite irreg strs and thd stockwork; pyrite asdiss bands, clots & occ strs; 25.3-25.6: mg bx qv bit chl ribboned at 10dca;; section grades into:

BG10-78	30.20	39.80	13c		Diorite	pale grey-creamy	med green grey	fg				bleached, mottled, strongly altered and locally sheared, non-magnetic dirite showing variable fg diss py ass'd with shear / ribbon qtz-trace cc structures or as wk strs, thds and diss bands thro; 33.0 - 33.3 sheared ribbon vien of qtz-py-trace cc fol;d at 40dca ptcs (parallel to contacts) and heavy pyrite dev'd at upper contact / 10cm; 34.3- qtz-tr hem & cc knot/wedge, TC at =50, BC wavey ~130dca xcuts foln of 50dca; 37.0-37.13 heavy pyrite (MS-SMS) with minor qtz lams at 50dca; 38.0-38.7 mod py strs ass'd with epid patches; BC sharp at 25dca
BG10-78	39.80	40.00			fault	very dk grey						talcose mud seam
BG10-78	40.00	41.70	FP		Feldspar Porphyry	dk grey		vfg	mg			massive inter. intrusive shows <5% feldspar porphyrycrysts, minor qthds, NNSM, grades into:
BG10-78	41.70	52.40	13c		Diorite	grey		fg	m-cg			strongly mottled and banded inter-mafic intrusive, upper contact chilled fg-aph becoming mg down hole with altn increasing downhole as well as strong bleach bands, silica dumping and variable py strs / diss bands. Section generally non-magnetic with short sections showing weak spotty magnetic response.; 42.0-452.14 massive mottled siln vein band with py at 45dca; 44.0-44.3, sugary sheared qv with minor py at 35dca shows 20% wall rx slivers44.83-45.35banded qtz-chl-py shear vein, TC bx'd/17cm, TC at 70dca, BC at 30dca; 45.65 white & green qtz-chl xcutting str flat, NSM at 135dca; 46.0-48.0 wkly bx'd, strongly bleach banded and qc str'd section shows minor py strs thro; 48.8-49.2creammy qtz and chl thdd breccia vein, heavy py formed in upper half of vein structur mainly as a half moon, TC~20dca, BC 40dca on tight slip; 51.83-51.93- whit ribbonned and chl thdd qv sheared at 60dca; grades into
BG10-78	52.40	58.00	13c		Chilled Diorite	dk green-grey	dk green-greybuff & pale grey	aph-vfg				vfg to aph mafic intr chill zone, massive, wkly fractured & sealed by wh-creamy qtz tension thds, strs & rare vlts; 54.9-56.0 mod spec hem thds dev'd as stockwork thro
BG10-78	58.00	80.70	13c		Diorite	med grey		f-mg				massive, mod fractured, wkly <10% qtz thdd/strd inter magnetic intrusive, minor py as wk str thds or on joints overall py <1 to trace. Below 61m core very blocky and generally shattered by drilling; BC on broken core
BG10-78	80.70	87.70	BP		Bimodal Porphyry	brown-grey	grey	aph	m-cg			wkly hematized, wkly flow banded at 70-50dca intrusive, top contact chilled,
BG10-78	87.70	88.70	13c		Diorite	dk brownish-grey		aph				chilledc crackled mafic intrusive shows very minor leucox bands, magnetic
BG10-78	88.70	89.30	BP		Bimodal Porphyry	grey	pink	fg	cg			(as 80.7-87.7m)) occ 'spar megacrysts hem'd pink
BG10-78	89.30	97.50	13c		Diorite	grey	brownish-grey	aph-fg				chilled cracked diorite (as 87.7-88.7), mod wk leucox bands, trac ass'd py, NSM, no sig structure, grades into
BG10-78	97.50	119.50	13c		Diorite	grey	green	fg				chilled magnetic diorite & minor leucox strs (as above), increasing fracture controlled epid +/-sulf altn dev'd downhole; 110.4-111.4 vuggy 2-3cm qstr undulating along core axis shows cg anhedral chalco patches in upper 30cm; 113.9: 4cm cg qtz bx vein at 25dca;
BG10-78	119.50	123.00			Pyritic Diorite	pale grey	brownish-grey	vfg				119.5-121.0: thickly lam'd, wkly sheared at 65dca, mod to heavy leucox wall to structure;BC sharp at 55dca; 121.0-121.9: bleached fg, thin lamed pyritic siln-+/-cc vein structure. BC sharp at 65dca; 121.9-123.0: sil'd & bleached, pyritic & wkly hem'd dior wall rock, massive to wkly banded/shd at 50-80dca, minor bl chl altn strs - grades into:
BG10-78	123.00	129.10	13c		Diorite	grey	green	fg				magnetic, fg massive chilled dk grey dirite, mod frac'd & sealed with qc and qc-epit strs & thds, epid increasing downhole; grades into
BG10-78	129.10	133.00			Pyritic Diorite	pale grey	brownish-grey	vfg				(similar to 119.5-123.0) wkly hematic, non-mag to spotty magnetic, strongly altered & locally bleached diorite, pyritized & banded at 40dca at 129.1-129.6, 132.2-133.0; i/c with magnetic & epid strd altered diorite in center of section
BG10-78	133.00	225.00			Diorite	grey	green	fg				magnetic, mod epid str'd and qc thd diorite, occ py strs; 25%-60% pk-pa gy feld in chl-after horn?phenos; hily mag-except@ min'd zones; 3-5% epi locy conc; competent-RQD=80; 1% leucoxene locy conc at min'd zones; 1% q-ank vn's gen @45; min'd@114.5, 120.0-123.0 (strong), 124.7, 129.1-129.4, 132.3-133.0, 140.7-141.0, 143.3-143.5; trailing ct
BG10-79	0.00	19.30	100		Casing							
BG10-79	19.30	61.90	13c		Diorite	med gy	gy-pur	med				25%-60% pk-pa gy feld in chl-after horn?phenos -mostly gabbrois texture; non mag-locy mody mag (@21.0-25.8+approaching tuff); no epi; competent-RQD=70; 3% leucoxene locy conc at min'd zones; 2% q-ank vn's gen @70; shr'd trailing ct@64; min'd@60.95-61.9
BG10-79	61.90	82.90	13e		Syenite	pur-gy	pur-gy	fine				was called lapilli tuff in other holes but looks much more like syenite here although don't see any obvious xeno's; 5-8% q-ank vn's to 1/4"@35 locy conc; v highly mag mostly (wy locy)-magn visible; 3% spec; competent-RQD=60; trailing ct in BC; locy bl'd but gen fresh; 1% cse d py; non cbd
BG10-79	82.90	88.50	BP		Bimodal Porphyry	pur-gy	pa gy	cse				fresh but locy wy bl'd on chl+q-ank vn's; competent-RQD=60; non mag; 10% 1/4"euhedral feld phenos+30%feld +10%qtz 1/8" phenos; mafic gy-gn xeno's to 2"non cbd; homogeneous; shrp nat trailing ct@64

BG10-79	88.50	168.85	13c		Diorite	med gy	gy-pur	med				25%-60% pk-pa gy feld in chl-after horn?phenos w 5% chl-spec fract's as stockwork; v highly mag- magn visible except for non mag min'd zones(+120.0-126.0 where 5%epi); epi to 5% locy; competent-RQD=70 incg to 90 @100-126, 135.0- (except for 94.5-99.3, 126.0-129.0, 132.0-134.0 where =10); 3% leucoxene locy conc at min'd zones; spec hem locy; 2% q-ank vn's gen @50; shrp nat trailing ct @73; min'd @136.2-137.4, 139.5-141.8, 143.2-146.1, 151.7-151.8, 156.0-156.1, 163.35,
BG10-79	168.85	173.30	13c		Diorite	gn	gn-gy	fine				25%-60% pk-pa gy feld in chl-after horn?phenos; non mag; no epi; competent-RQD=70; no leucoxene; no spec hem; 5% carb vn's gen @40; shrp nat trailing ct @37-alt'n ct; min'd wy @168.8-169.0; looks like basalt
BG10-79	173.30	194.20	13c		Diorite	med gy	gy-pur	med				25%-60% pk-pa gy feld in chl-after horn?phenos w 5% chl-spec fract's as stockwork; v highly mag- magn visible except for non mag min'd zones; epi to 5% locy; competent-RQD=70 except@187.0-194.2 where = 20; 3% leucoxene locy conc at min'd zones; spec hem locy; 1% q-ank vn's gen @45; grad trailing ct looks like chill zone ; min'd @173.5-176.4, 176.9-177.3, 183.5
BG10-79	194.20	201.00	13c		Diorite	gn	gn-gy	fine				25%-60% pk-pa gy feld in chl-after horn?phenos; non mag; no epi; competent-RQD=70; no leucoxene; no spec hem; 5% carb vn's gen @40; shrp nat trailing ct @37-alt'n ct; min'd wy @168.8-169.0; looks like basalt
BG10-80	0.00	19.5	100		Casing							
BG10-80	19.50	31.50	13c		Diorite	med gy	pur-br	med				25%-60% pk-pa gy feld in chl-after horn?phenos- locy gabbroic texture; non mag to 46, then locy hily mag + wy mag; no epi; competent-RQD=60; rare leucoxene locy conc at min'd zones, inc'g after 42.2 to 3%; 1% q-ank vn's to 1/2" gen @30; mud/tailings? @29.8-30.0 -not likely flt- no alt'n of core;min'd@31.8-32.0, 38.05-38.45 (MAIN BRK?); trailing ct is shr
BG10-80	31.50	55.25	5f		Ash Tuff	gy-pur	dk gy	med	fine			possible intrusive but looks tuff-no bedding/jaspers; lapillis posy- to 1/8"; no carb alteration; 10-15% q-ank vn's to 1/2" @70 gen; v hily mag locy-wy otherwise; competent-RQD=90; 2-3% cse d py locy conc; spec hem;
BG10-86	0.00	18.00	100		Casing							
BG10-86	18.00	70.30	13c		Diorite	med gy	pur-br	med				25%-60% pk-pa gy feld in chl-after horn?phenos- locy gabbroic texture; non mag-locy hily mag esp @dk gy; shr'd @57.0-68.0 stry w 20% q-ank+ hily bl'd; no epi; competent-RQD=70; 1% leucoxene locy conc at min'd zones; 1% q-ank vn's gen @60; min'd@30.8-30.85, 41.0-41.35, 42.4-42.7, 53.0-53.5, 59.4-60.0, 60.4-60.6, 63.0-63.4, 67.25-67.35; could be alt'd fel intr @40.8-41.3, 41.75-42.0@57 (poss ct); big flt@59.5-60.0; trailing ct in BC
BG10-86	70.30	88.40	13e		Syenite	br-red	pur-br	fine				gen homogeneous; not competent-RQD=20; hily cbd; hily mag; 5% spec; 40% blk phenos to chl in red feld-locy; trailing ct in BC; could be tuff-has 5% q-ank vn's in last 5m;
BG10-86	88.40	96.15	BP		Bimodal Porphyry	pur-gy	pa gy	cse				fresh but locy wy bl'd on chl+q-ank vn's; competent-RQD=60; non mag; 10% 1/4"euhedral feld phenos+30%feld +10%qtz 1/8" phenos; non cbd; homogeneous; shrp nat trailing ct@62
BG10-86	96.15	258.00	13c		Diorite	med gy	pur-br	med				25%-60% pk-pa gy feld in chl-after horn?phenos; hily mag-becomes locy only mody-wy mag@147.0-EOH (except hily mag @176.0-181.0+183.0-185.25+189.0-189.4 where looks like pur-gy aph chill zone-shrp nat ct's (bottom of intr pulse)+ non mag @225.0-241.0, then wy mag); no epi until 112.0 -then 3% locy conc until 211.0 (then 0 epi); aph-fg med-dk gn zone@138.0-147.0 is wy mag w no epi clots-rather vn's gen@60; 5% q-ank-carb vn's in gy-gn homo @166.0-170.5+@176.0-205.3; competent-RQD=60 except @137.0-138.0+143.0-146.0+147.0-170.7+ 209.0-224.0 where RQD=10 (+10%epi in 143.0-146.0); 2-3% leucoxene locy conc at min'd zones; 1% q-ank vn's gen @40; min'd@170.6-171.5, 181.0-181.15, 202.4-202.8, 207.3-208.4, 232.1-234.3
BG10-90	0.00	20.10	100		Casing							
BG10-90	20.10	31.50	13c		Diorite	med gy	pur-br	med				25%-60% pk-pa gy feld in chl-after horn?phenos- locy gabbroic texture; non mag; no epi; competent-RQD=60; rare leucoxene locy conc at min'd zones; 1% q-ank vn's gen @30; trailing ct is shr
BG10-90	31.50	37.00	5f		Ash Tuff	gy-pur	dk gy	med	fine			possible intrusive but looks like tuff-no bedding/jaspers; lapillis posy to 1/8"; no carb alteration; 5-10% q-ank vn's to 1/2" @70 gen; non mag; competent-RQD=80; 2-3% cse d py locy conc; shrp nat shr'd trailing ct @36; rare spec hem; min'd@ 31.6-33.0, 34.0-34.6
BG10-90	37.00	48.50	13c		Diorite	med gy	pur-br	med				25%-60% pk-pa gy feld- locy gabbroic texture; 25% dk gn chl phenos-after horn?(not likely augites); non mag; no epi; competent-RQD=60; 2-3% leucoxene locy conc at min'd zones; 1% q-ank vn's gen @30; wy-mody fol'd @37; major flt @37.3 (MAIN BRK?); trailing ct is shr/flt; min'd @37.0-37.3, 42.6-42.8, 46.1-46.2, 48.2-48.5
BG10-90	48.50	53.60	13e		Syenite	br-red	pur-br	fine				competent-RQD=90; hily cbd; hily mag; rare spec; 20% dk gy phenos to chl in br feld; one good dk gy 3/4" xeno; trailing ct is str shr; could be tuff-has 2% q-ank vn's gen @30; locy hem'd to red-br ; min'd @ 48.2-48.7

BG10-90	53.60	60.55	5f		Ash Tuff	gy-pur	dk gy	med	fine			possible intrusive but looks tuff-no bedding/jaspers; lapillis posy- to 1/8"; no carb alteration; 5-6% q-ank vn's to 1/2" @45 gen; v hily mag locy-wy otherwise; competent-RQD=90; 2-3% cse d py locy conc; uncertain trailing ct @34 (red felsic to spec/magn dk gy); spec hem common w vn's to 1/4"; min'd@53.6-54.3, 57.4-58.4, 59.65-60.1; magn vn's to 1/2"@31 x-cuts some q-ank-par others
BG10-90	60.55	63.00	13c		Diorite	med gy	pur-br	med				25%-60% pk-pa gy feld- locy gabbroic texture; 25% dk gn chl phenos-after horn?(not likely augites); v hily mag; no epi; competent-RQD=60 except =10@62.4-63.0; 2-3% leucoxene locy conc at min'd zones; 1% q-ank vn's gen @50; spec+magn vn's to 1/4"15-60; min'd@61.1 (1")
BG10-92	0.00	19.70			Casing							
BG10-92	19.70	38.35			Crystal Tuff	med green	dark green	fine	aph			as with units at start of holes for BG10-94 and -101, non-magnetic; weak to spotty carb alt'n; 5-10% pale white carb vn's predominantly at low angles; weak fol'n fabric; ***rounded -absorbed appearance irregular xeno's with fine to med pale beige-light brown feld pheno's - almost appears like a fine grained sed - or Conglomerate?***; 25.6 to 28.5m weak py mineralization in sporadic frac's predom at 5 to 15 deg TCA with white carb+chl; 36.5m strong Flt, 1 cm wide at 25 deg TCA with chl + gouge + carb+ fg minor py; lower contact is sharp & irregular at generally 30 deg TCA with hairline frac'ing + f.g py in diorite
BG10-92	38.35	50.60			Diorite	dk green	lt grey brown	aph	fine			strngly magnetic except where carb alt'd with leuc flecs + py; 5-10% late white carb vn'ing in unaltered sections; strng perv carb throughout; ***at 43.8m a trng Flt healed with qtz+carb+alb+chl at 65 deg TCA start of ductile-brittle shear at 45 to 50 deg TCA + sil-carb-ank-alb alteration + mineralized zone 43.8 m to 53.1m, alt'n + py mineralization stronger in five sections no greater than 50 cm wide having a light greyish brown colour, Flt gouge - mostly washed away found at Siorite-Syn contact at 50.6m***; contact broken at approx 30 deg TCA
BG10-92	50.60	56.70			Syenite	red grey	dk grey-green	aph	med			predominantly non-magnetic, rare small patches that are magnetic; mod perv carb alt'n; <5% carb+cc vn'ing; strng shearing at beginning of unit - weaker towards end of unit; sheared diorite from 51.1 to 51.6m at 55 to 60 deg TCA; py vn <0.5 cm wide at 53.1m and some occasional 1 to 2mm frac's with py+carb; lower contact broken
BG10-92	56.70	70.80			Diorite	dk green	med green	aph	fine			from 56.7m to 67.5m non-magnetic, 67.5-68.9m magnetic; after 68.9m non-magnetic; sections with 1-10% leuc flecs, mod perv carb, 5-10% late carb+ank+qtz vn'ing; lower contact sharp but with with mod alt'n on both sides of contact with a 2.5cm carb+chl vn at 70.8m at 40 deg TCA with 50% f.g py
BG10-92	70.80	81.10			Feldspar Porphyry	pink-red	med green	fine	coarse			non-magnetic; bimodal; <2% late qtz+ank vn'ing; pheno's show fol'n fabric at 25 to 45 deg TCA; 72.7 to 75.5m possible diorite sharp with 0.5 cm carb vn in diorite minor py at 45 deg TCA, at 75.5m contact less obvious; at 76.85m to 81.1m strng perv carb alt'n, matrix is med green colour; ***strong but localized & narrow shear Flt structures with strong carb vn'ing+shear slips+strong py at 73.75-73.78m, 76.85-77m, 77.3 to 77.45m and 77.84-77.86m***; lower contact is sharp but broken
BG10-92	81.10	91.90			Diorite	dk green	light green	fine	med			*81.1-83m non-magnetic, light green-grey aph matrix, mod perv carb alt'n possibly due to proximity to FP, with wk to locally strong shear fabric at 50-55deg TCA + <0.5 cm vn py*; after 83m unit is magnetic, wk to mod perv carb, 1-3% iron black magnetite, 5-10% late white oaque carb vn'ing generally at 45 to 60 deg TCA, *87.8-87.86m strng carb with 3-5% py + leuc flecs 60 deg TCA*; lower contact with FP irregular
BG10-92	91.90	98.46			Feldspar Porphyry	med grey	med grey-green	aph	coarse			bimodal; fled pheno's show fol'n fabric at 50 to 60 deg TCA; strng perv carb;<5% late grey-white opaque carb vn'ing; lower contact with diorite sharp at 70 deg TCA
BG10-92	98.46	222.65			Diorite	dk green		fine	med			98.46-98.6m 8-10% py in narrow bands near contact with FP; unit is magnetic, non-magnetic to strng magnetic in sections with moderate brittle frac'ing + perv carb + leuc flecs + late grey-white carb vn'ing with occasional py at margins and within vn'ing; *wkly mineralized sections of note from 108.7 to 109.7m and 110.2 to 110.8m;* 1 to 2mm vnlets of magnetite with cpy+py on occasiona at 124.8, 125.7, 126.75 but not sampled; **MH Zones - segregated non-magnetic sections of ductile-brittle penetrative &non-penetrative moderate to strong localized shear zones geberally at 25 to 65 deg TCA starting at interval 146.6 to 149m, 159.9 to 160.23m, & stronger with red oxy'd hem at 169.21 to 175.6m, 176.2 to 179.15m; several py+carb vn's ~ 0.5 to 2 cm wide outside of these zones;** from 182.7m to 191.4 unit mod to weak perv carb, weaker towards 191.4m with 5-20% late carb + qtz vn'ing with epi margins; 190.1 to 190.2m FP dyke; after 191.4m alt'n mainly epi in penetrative stress frac's sometime with qtz + calcite and non-magnetic until 211m where unit becomes magnetic, some strng vn py in <2 cm vn's at 210m and 214 to 216 m
BG10-92	222.65	223.00			Feldspar Porphyry	cream light grey		med				sharp + irregular contacts; non-magnetic; magentite in diorite along lower FP contact; narrow 1mm frac-vn with py in FP

BG10-92	223.00	251.00			Diorite	dk green		fine	med			massive with typical diorite texture; weak <1 to 1mm frac's with epi; unaltered; 223.9 to 224.2m and 235.88 to 237.3m strong fg magnetite unit - different unit or different phase of diorite? Or gravity drop-out of magnetite during magmatic cooling; 241.9 to 242.2 FP; occasional carb+qtz+calcite vn's less than 1cm wide with occasional splash of cpy
BG10-93	0.00	23.30	100		Casing							
BG10-93	23.30	52.10	13c		Diorite	med gy	pur-br	med				25%-60% pk-pa gy feld in chl-after horn?phenos- locy gabbroic texture; non mag; no epi; competent-RQD=60 except@23.3-27.0, 35.7-39.0 where=20; rare leucoxene locy conc at min'd zones; 1% q-ank vn's to 1/2" gen @45; mud/tailings? @27.0-27.1 -not likely flt- no alt'n of core (threw it out to avoid contam);min'd@33.7, 46.1-46.2, 47.5, MAIN BRK?@51.9-52.1 with 1" pk carb+ at least 2" gouge; trailing ct is flt
BG10-93	52.10	55.40	13e		Syenite	br-red	pur-br	fine				competent-RQD=90; hily cbd; non mag; 20% dk gy phenos to chl in br feld; one good dk gy 1/4" xeno; trailing ct ; could be tuff; locy hem'd to red-br ; min'd @ 54.7-54.8, 55.1-55.4; ct is min'd shr@53
BG10-93	55.40	55.95	13c		Diorite	med gy	dk gn	med				25%-60% pk-pa gy feld in chl-after horn?phenos- locy gabbroic texture; non mag; no epi; competent-RQD=60; 3% leucoxene; shrp nat trailing ct @51
BG10-93	55.95	56.05	13e		Syenite	br-red	pur-br	fine				competent-RQD=90; hily cbd; non mag; 20% dk gy phenos to chl in br feld; trailing ct shrp nat @65; hem'd to red-br;
BG10-93	56.05	56.90	13c		Diorite	med gy	dk gn	med				25%-60% pk-pa gy feld in chl-after horn? phenos; non mag; no epi; competent-RQD=80; 3% leucoxene; shrp nat trailing ct @22
BG10-93	56.90	55.35	13e		Syenite	br-red	pur-br	fine				competent-RQD=90; hily cbd; non mag; 20% dk gy phenos to chl in br feld; trailing ct shrp nat @50; hem'd to red-br; 3% cse d py
BG10-93	55.35	58.00	13c		Diorite	med gy	dk gn	med				25%-60% pk-pa gy feld in chl-after horn? phenos; non mag; no epi; competent-RQD=80; 3% leucoxene; shrp nat trailing ct @61
BG10-93	58.00	58.20	13e		Syenite	br-red	pur-br	fine				competent-RQD=90; hily cbd; non mag; 20% dk gy phenos to chl in br feld; trailing ct shrp nat @42; hem'd to red-br; 3% cse d py
BG10-93	58.20	75.20	13c		Diorite	med gy	pur-br	med				25%-60% pk-pa gy feld in chl-after horn?phenos; locy mody mag-mostly non mag; no epi; competent-RQD=70 except@59.0-62.8 where =10; 2% leucoxene up to 69.8-then aph med gy; 1% q-ank vn's to 1/2" gen @35; q-ank bx w bl'd rounded 60% frag's to 3/4"@68.6-69.05; trailing ct is bl'd flt w 0.2 bl'g; min'd @61.7-61.75
BG10-93	75.20	78.00	BP		Bimodal Porphyry	br-red	pur-buff	cse				fresh; competent-RQD=60; non mag; 10% 1/4"euhedral feld phenos+30%feld +10%qtz 1/8" phenos; hily cbd; homogeneous; trailing ct is shr/flt
BG10-93	78.00	89.80	13c		Diorite	med gy	pur-br	med				25%-60% pk-pa gy feld in chl-after horn?phenos; non mag; no epi; not competent-RQD=30; no leucoxene; 1% q-ank vn's to 1/2" gen @25; trailing ct shrp nat @47; min'd@78.0-78.5, 84.2-84.8
BG10-93	89.80	95.10	BP		Bimodal Porphyry	br-red	pur-buff	cse				fresh; competent-RQD=60; non mag; 10% 1/4"euhedral feld phenos+30%feld +10%qtz 1/8" phenos; hily cbd; homogeneous; trailing ct shrp nat@70
BG10-93	95.10	136.55	13c		Diorite	med gy	dk gn	med				25%-60% pk-pa gy feld in chl-after horn?phenos; non mag until 114.0-then highly mag locy (114.0-121.0, 127.5-129.4) w magn vn@116.65-116.85@32; no epi until 117.0, then 3% locy conc esp where mag; competent-RQD=60; 1% leucoxene locy conc; 1% q-ank vn's to 1/2" gen @25; trailing ct shrp nat @42; min'd@100.65-100.75, 112.7-113.0
BG10-93	136.55	138.95	13e		Syenite	br-red	pur-br	fine				competent-RQD=90; not cbd; mody mag; 20% dk gy phenos to chl in br feld; trailing ct shrp nat @44; hem'd to red-br; % cse d py
BG10-93	138.95	156.45	13c		Diorite	med gy	dk gn	med				25%-60% pk-pa gy feld in chl-after horn?phenos; hily mag until 141.0-then non mag (except v hily mag @152.8-154.0); rare epi until 142.0, then none; competent-RQD=80; 1% rare leucoxene locy conc; rare q-ank vn's to 1/2" gen @45; trailing ct shrp nat @44; min'd@148.6-149.0, 149.8, 150.4-150.5, 151.6-151.8; posy sy dyke@153.1-153.2; wy shr'd+w ser'n@149.0-155.0
BG10-93	156.45	158.60	13e		Syenite	br-red	pur-br	fine				competent-RQD=90; not cbd; mody mag-locy hily mag; 20% dk gy phenos to chl in br feld; trailing ct indistinct; rare 1/4"-1/2" blk xeno's; hem'd to red-br; rare cse d py; indistict trailing ct-posy @72
BG10-93	158.60	160.20	13c		Diorite	med gy	dk gn	med				25%-60% pk-pa gy feld in chl-after horn?phenos; mody mag; 3% epi; competent-RQD=80; 1% rare leucoxene locy conc; trailing ct shrp nat indistinct-likely@70;
BG10-93	160.20	165.60	13e		Syenite	br-red	pur-br	fine				competent-RQD=90; not cbd; mody mag-locy hily mag; 20% dk gy phenos to chl in br feld; trailing ct indistinct; rare 1/4"-1/2" blk xeno's; hem'd to red-br; rare cse d py; indistict trailing ct-posy @72
BG10-93	165.60	190.60	13c		Diorite	med gy	dk gn	med				25%-60% pk-pa gy feld in chl-after horn?phenos; mody mag to 168.0-then non mag; ct betw dk gy w bleb epi, then med gn w vn epi @170.25 is shrp w 1/2" bull pk carb@41; 2-3% epi; competent-RQD=90; 1% rare leucoxene locy conc; trailing ct indistinct; min'd@180.75-181.1, 185.0-185.2, ; dk gy @182.0-191.6

BG10-93	190.60	191.70	13e		Syenite	br-red	pur-br	fine				competent-RQD=90; not cbd; mody mag-locy hily mag; 20% dk gy phenos to chl in br feld; trailing ct indistinct; 1/2"-1" blk xeno's; hem'd to red-br; rare cse d py; shrp nat trailing ct @46 is undulatory; min'd @191.4-191.5
BG10-93	191.70	217.30	13c		Diorite	med gy	dk gn	med				25%-60% pk-pa gy feld in chl-after horn?phenos; non mag ; 2-3% epi; competent-RQD=90; 1% rare leucoxene locy conc; trailing ct shrp nat@72 ; min'd@ 193.6-193.7, 201.6, ; dk gy @182.0-191.6
BG10-93	217.30	217.45	QFP		Quartz Feldspar Porphyry	red-br	pur-br	med				non magnetic, wy cbd; 10% qtz+10% feld pheno's; 5% cse d py; shrp nat trailing ct@80 is undulatory; competent-RQD=100;
BG10-93	217.45	242.85	13c		Diorite	med gy	dk gn	med				25%-60% pk-pa gy feld in chl-after horn?phenos; non mag ; 4-5% epi locy conc +ser'n; competent-RQD=100; 1% leucoxene locy conc; trailing ct shrp nat@54 ;
BG10-93	242.85	247.00	QFP		Quartz Feldspar Porphyry	red-br	pur-br	med				non magnetic, wy cbd; 10% qtz+10% feld pheno's; 1% cse d py; shrp nat trailing ct@80 is undulatory; competent-RQD=70;
BG10-93	247.00	249.00	13c		Diorite	med gy	dk gn	med				25%-60% pk-pa gy feld in chl-after horn?phenos; non mag ; 4-5% epi locy conc +ser'n; competent-RQD=100; 1% leucoxene locy conc; trailing ct shrp nat@54 ;
BG10-94	0.00	20.80			Casing							
BG10-94	20.80	54.30			Crystal Tuff	med green	dark green	fine	aph			non-magnetic; weak to spotty carb alt'n; 5-10% pale white carb vn'spredominantly at low angles; mod fol'n fabric from 20.8 to 38.2m; ***from 27 to 36m rounded irregular xeno's with fine to med pale beige-light brown feld pheno's with iron black, hard amorphous xstals throughout - almost appears like a fine grained sed - or Conglomerate?***; from 35.2 to 38.2m pale beige opaque qtz+ank+albite? 10-15% with increasing perv carb alt'n; from 38.2 to 42.1m sections of brittle to ductile shearing at 30 to 35 deg TCA with pale reddish brown carb+hem alt'n up to mud gouge fault at 42.2m -possible(*Bidgood Main Bk*) - Zone on hanging wall side of Flt - unlikely to be 20 Vein; after Flt perv strng chl+carb almost 'talc-feel' in sections; pick up in leuc flecs towards lower contact 1-3%
BG10-94	54.30	55.80			Syenite	dk grey brown		aph	fine			non-magnetic; wk carb generally in frac's; red (hem?) alt'n halos around <0.5 cm veins; strong carb+qtz vn'ing at both contacts 75 to 90 deg TCA with 3-5% py over 3 cm at bottom contact
BG10-94	55.80	61.90			Diorite	dk green		aph				non-magnetic; wk perv carb, spotty; mod to strng perv chl alt'n; 55.8 - 57.3m 35% white opaque qtz+carb vn's; remainder of unit 15% carb vn's
BG10-94	61.90	64.30			Feldspar Porphyry	dk grey		aph	med			non-magnetic; strong perv carb alt'n effervesces wildly with HCl; bimodal feld pheno's with larger pheno's 5mm in diameter in length; carb+qtz vn's on upper & lower contacts at 55 to 60 deg TCA; lower contact with py in with qtz+carb
BG10-94	64.30	83.06			Diorite	dk green		aph				strongly magnetic; weak - spotty carb alt'n mostly confined to white opaque carb vnlets at 15% - perv carb alt'n increases dramatically near Zone at 70.66m; **70.66 to 74.7m non-magnetic Py-Carb -Shear Zone sharp carb+chl alt'n contact possible thin flt at 70.66m, ductile fabric (55 to 65 deg TCA) to brittle frac's with 5-7% py in frac's and 80-90% py in qtz+carb vn's at 71.13 to 71.26, 71.69 to 71.90 and three to four other vn's downhole in Zone <1.5 cm wide - overall py content 10-15%**; after 74.7m strongly magnetic; occasional sections of weak to mod leuc flecs where mod vn'ing occurs.
BG10-94	83.06	90.20			Feldspar Porphyry	dk red brown	med green	aph	med			non-magnetic; strong perv carb alt'n; bimodal pheno's with med sized tabular plagio feld's and rhombic shaped 2-5mm diameter pink-white plagio feld's; pheno's show wk to mod fabric; <5% cc+qtz vn's; 86.83 to 87m diorite dyke; 90.1m a 2.5 cm wide qtz+crb vn45 deg TCA; 90.2 m sharp irregular contact; high angle to TCA
BG10-94	90.20	218.40			Diorite	dk green	lime green	aph	fine			wkly to spotty carb near upper contact with FP; 10 cm section of frac's with py at upper contact; strngly mag; weak to mod perv epi alt'n starts at 93m to 100m and from 111m to 122m predominantly in frac's with carb+qtz & occasional spec hem; from 122 to 130.8m diorite appears more massive, aphanitic, with less epi in vn'ing and more carb in veins; ***starting from 130.8m to 160m occasional sections with strng perv carb alt with carb+qtz vn'ing sometimes with red oxidized hem alt'n + leuc flecs and py+minor cpy in vn's + frac's - increase in localized frac'ing & possible narrow shears and Flt-slips at 55 to 85 deg TCA appears to be controllong the alt'n + py and lacks a strong singular structure - best sections at 137.06 to 138.06, 149.35 to 150.1, 153.5 to 158.5, 160.8 to 160.9m;*** 151.5 to 151.7m Feldspar Porphyry; at target depth from 177.6 to 179 m strng mag diorite with mod epi + carb alt'n in mod fractured unit - frac's at 50 to 65 deg TCA sometimes with py; after 179m carb and epi alt'n generally confined to frac's+vn's, epi somewhat perv. in sections, also diorite has sections that are strngly magnetic and others non-magnetic (example) 184.4 to 186.6 non mag possible mafic intrusive & at 192.66m sharp strng mag front and non mag; **217.63 to 218.5m strng perv carb+mod oxy hem+ minor epi+10-15% diss & vn py**
BG10-94	218.40	218.50			Feldspar Porphyry	dk brown	red-brown	med	aph			upper contact sharp at 75 deg TCA; lower contact broken; **217.63 to 218.5m strng perv carb+mod oxy hem+ minor epi+10-15% diss & vn py**
BG10-94	218.50	222.20			Diorite	dk green		aph	med			epi + carb in hairline weak frac'ing

BG10-94	222.20	222.80			Mafic Dyke	med pale green		aph				upper contact sharp at 15 to 20 deg TCA; lower contact harder to decipher; aph; non-mag; epi alt'n in wispy stress frac's; two 2mm carb vn's at 40 deg TCA
BG10-94	222.80	239.00			Diorite	dk green		aph	med			mag & non magnetic sections; carb alt'n confined to occasional hairline frac's filled predom with epi ~5-15%;
BG10-101	0.00	19.60			Casing							
BG10-101	19.60	24.20			Diorite	med green	lime green	med	aph			non-magnetic; perv mod epi alt'n of feld x-stals produces mottled appearance + chl alt'n; 5% late opaque carb vn's at low angles TCA; negl diss py and rare py vns <0.5 cm in width; blocky at start of hole to 21m
BG10-101	24.20	24.40			Feldspar Porphyry	med pale green		med				sharp upper & lower contacts at 80 to 85 deg TCA; strng perv carb alt'n; mottled appearance ghost-like feld pheno's
BG10-101	24.40	29.50			Diorite							as with 19.6 to 24.2m; 28.7 to 29.1m 25% qtz & qtz+carb+ank vn'ing and a 2mm py vn
BG10-101	29.50	44.90			Crystal Tuff	dk green	med grey green	coarse	fine			possible sed (Congl); perv epi+ chl+ carb alt'n with poorly sorted grains or pheno's with alt'n halos having amorphous shapes; rounded to sub-rounded clasts appear often sometimes looking assimilated with altered matrix and other times with rigid, well-defined edges; non-magnetic; 5-10% random calcite+carb vn'ing at various angles TCA; wk fol'n fabric is evident in some sections; py mineralization usually occuring in frac's near litho contacts; 42.4 to 42.77m strng carb alt'n in a weakly sheared at 20 to 45 deg TCA + frac'd section with diss py in two 3-4mm carb vn's + wk bands of iron black tabular ilmenite? and then strng multiple cc+carb vn'ing ~30% at 45-50 deg TCA to 43.7m
BG10-101	44.90	45.20			Intermediate Dyke	beige	light brown-green	aph	fine			upper contacts irregular with qtz+ank vn'ing; non-magnetic; mod perv ser alt'n; mod fabric; 5-10% ank+qtz vn'ing; wk py near contacts in <o.25 cm frac's; lower contact broken core
BG10-101	45.20	48.00			Crystal Tuff	dk green	med grey green	coarse	fine			as with 29.5 to 44.9m
BG10-101	48.00	48.42			Intermediate Dyke							as with 44.9 to 45.2m; 3-5% py overall in frac's
BG10-101	48.42	75.60			Crystal Tuff	dk green	med grey green	coarse	fine			as with 29.5 to 44.9m; localized Flt-shearing starts at 51.83m and continues with localized shears with carb alt'n + py; **PY+Carb+Ank Zones at 51.83 to 53.6m, 58.8 to 58.9m, 59.7 to 59.8m, 64.06 to 65.2m, 66.95 to 67.1m**
BG10-101	75.60	76.30			Mafic Dyke	med green		aph	fine			non-magnetic; strng perv chl+carb alt'n; elong chl x-stals? Showing fol'n fabric; possible leuc flecs, carb;sharp upper & lower contacts at 85 and 50 deg TCA respectively
BG10-101	76.30	93.80			Crystal Tuff	dk green	med grey green	coarse	fine			as with 29.5 to 44.9m; however carb+cc vn'ing has increased to 20-30%; *85.1 to 92m Bidgood Main Break - Shear - predom ductile at 5 to 65 deg TCA, Gouge Flt at 86.4m at 30 to 45 deg TCA, entire shear zone is intensely carb+chl+<5% cc+carb vn'ing+1-3% diss py, luec flecs from 91 to 92 m;* sharp lower contact at 30 deg TCA chl + carb at contact; prior to contact 1cm vn py at 93.6m
BG10-101	93.80	104.05			Diorite	dk green	pale pink	med	aph			strngly magnetic; weak and spotty perv carb alt'n confined mostly to vn's and frac's; 10% qtz + alb + ank + minor carb vn'ing confined to frac's and Flt-slips predom 15 to 45 deg TCA; fg py + spec hem assoc with higher frac'd zones and at contacts with porphyry; pale pink mottled appearance may be due to oxy'd spec hem; at lower contact 2 cm wide 75% py vn at 50 deg TCA
BG10-101	104.05	109.24			Feldspar Porphyry	med grey	pale red-pink	coarse	aph			sharp upper contact at 50 deg TCA; non-magnetic unit; nil to negl py; 5-15% qtz + alb+ank vn'ing; bimodal sized plagio or orthoclase feld pheno's as much as 7 mm in diameter; pheno's show strong fol'n fabric at 30 to 50 deg TCA; sharp lower contact at 55 deg TCA with 1cm wide chl healed bx
BG10-101	109.24	179.46			Diorite	dk green	pale pink	med	aph			at upper contact 20cm sil alt'd section with leuc flec's and 3-5% diss py; unit strongly magnetic; weak to mod perv carb alt'n with some sections carb confined mostly to late opaque-white vn'ing; weak to mod perv epi sections; from 109.24 to 114.5m stress frac's and brittle ductile shears appear localized to 10 to 25 cm wide; strong spec hem in locailzed sections of qtz+alb+cc vn's-frac's with minor py; 140.7-140.8m and 140.9m mauve qtz+carb vn or early narrow felsic unit
BG10-101	179.46	183.20			Syenite	med brown-grey	dk grey	aph	fine			syenite?, or perv carb alt'n?, predominantly non-magnetic; magnetic in close proximity to diorite; mafic syenite; unit in & out of diorite to syenite- irregular shaped sections in diorite - probably drilling along the edge of the unit; no mineralization; strng carb alt'n
BG10-101	183.20	196.30			Diorite							as with 109.24 to 179.46m
BG10-101	196.30	199.00			Syenite							as with 179.46 to 183.2m
BG10-101	199.00	201.00			Diorite							as with 109.24 to 179.46m
BG10-101	201.00	204.50			Syenite							as with 179.46 to 183.2m; contacts irregular or broken core

BG10-101	204.50	322.00			Diorite							spotty magnetics, may be due to spotty carb alt'n or sections of mafic syenite; vn's with py mineralization of any substance starts at 209.1m with random intermittent vn's <1 cm wide; section from 215.15 to 215.3m perv oxy hem + carb alt'n with py; blocky grnd from 213 to 220m ~65% RQD; **MH Mineralized Zone starts at 220.4m and ends at 224.7m with intense carb + oxy hem + vn py from 221.8 to 224 m, vn py at 10 to 45 deg TCA**;from 230 to **XX** m massive diorite, wk to strng perv carb, 10-20% late opaque white carb vn's, magnetic, mineralization predom spec hem.; possible mafic syn from 270.45 - 271.5m; ***280.4 to 283.78m wk perv carb zone with random py vn'lets and 10% fine leuc flecs bounded by two high angle Flts at 75 and 85 deg TCA***;

Hole_ID	Depth	Raw_Azimuth	True_Azimuth	NAD83_N	Dip	Magnetic_Field	Type	Comments
BG10-01	33	144.9	133.4	132.5	-48.1	56150	Peewee	
BG10-01	*84*	*131.7*	*120.2*	*119.3*	*-46.4*	*56730*	*Peewee*	*suspect magnetic; use dip only*
BG10-01	*135*	*152.6*	*141.1*	*140.2*	*-48.4*	*53450*	*Peewee*	*suspect magnetic; use dip only*
BG10-01	171	144	132.5	131.6	-47.9	54900	Peewee	
BG10-02	29	132.2	120.7	119.8	-58.4	57180	Peewee	
BG10-02	80	133.1	121.6	120.7	-58.3	54330	Peewee	
BG10-02	*131*	*129.4*	*117.9*	*117.0*	*-55.9*	*55520*	*Peewee*	*suspect magnetic; use dip only*
BG10-02	*182*	*148*	*136.5*	*135.6*	*-57.6*	*56270*	*Peewee*	*suspect magnetic; use dip only*
BG10-02	*263*	*138.3*	*126.8*	*125.9*	*-56.8*	*55290*	*Peewee*	*suspect magnetic; use dip only*
BG10-03	12	107.15	95.65	94.7	-68.18		Peewee	no slip for this reading, took written readings from PDA
BG10-03	51	107.37	95.87	94.9	-67.58	56200	Peewee	
BG10-03	108	108.41	96.91	96.0	-67.3	56025	Peewee	
BG10-03	150	110.15	98.65	97.7	-67.04	56001	Peewee	
BG10-03	201	110.31	98.81	97.9	-67.13	55834	Peewee	
BG10-03	252	112.47	100.97	100.0	-66.43	56229	Peewee	
BG10-03	303	113.79	102.29	101.4	-66.46	55666	Peewee	
BG10-03	351	112.2	100.7	99.8	-65.8	56138	Peewee	
BG10-03	*402*	*106.7*	*95.2*	*94.3*	*-65.7*	*48708*	*Peewee*	*suspect magnetic; use dip only*
BG10-03	*444*	*78.1*	*66.6*	*65.7*	*-65.5*	*56150*	*Peewee*	*suspect magnetic; use dip only*
BG10-04	*20*	*110.44*	*98.94*	*98.0*	*-68.85*	*56027*	*Peewee*	*suspect magnetic; use dip only*
BG10-04	34	105.53	94.03	93.1	-69.71	56321	Peewee	
BG10-04	102	106.94	95.44	94.5	-69.42	56163	Peewee	
BG10-04	150	109	97.5	96.6	-69	56060	Peewee	
BG10-04	*360*	*117.1*	*105.6*	*104.7*	*-68.1*	*56170*	*Peewee*	*suspect magnetic; use dip only*
BG10-04	250	112.09	100.59	99.7	-68.14	56499	Peewee	
BG10-04	*300*	*114.62*	*103.12*	*102.2*	*-68.2*	*56156*	*Peewee*	*suspect magnetic; use dip only*
BG10-05	15	101.78	90.28	89.3	-68.97	56701	Peewee	
BG10-05	102	103.49	91.99	91.1	-67.74	56467	Peewee	
BG10-05	153	104.3	92.8	91.9	-67.5	56387	Peewee	
BG10-05	*201*	*99.3*	*87.8*	*86.9*	*-67.6*	*59724*	*Peewee*	*suspect magnetic; use dip only*
BG10-05	252	106.4	94.9	94.0	-66.7	56320	Peewee	
BG10-05	351	109.5	98	97.1	-66.2	56511	Peewee	no survey form rec'd
BG10-05	399	112.3	100.8	99.9	-65.9	56584	Peewee	no survey form rec'd
BG10-05	456	116.6	105.1	104.2	-65.45	56728	Peewee	
BG10-06	*30*	*134.2*	*122.7*	*121.8*	*-57*	*58210*	*Peewee*	*suspect magnetic; use dip only*
BG10-06	96	148.1	136.6	135.7	-56.9	57250	Peewee	
BG10-06	150	145.8	134.3	133.4	-59.2	55080	Peewee	
BG10-06	*222*	*153.7*	*142.2*	*141.3*	*-59.1*	*54900*	*Peewee*	*suspect magnetic; use dip only*
BG10-07	72	102.12	90.62	89.7	-66.01	56248	Peewee	
BG10-07	102	105.09	93.59	92.7	-65.84	56213	Peewee	
BG10-07	150	105.7	94.2	93.3	-65.4	56186	Peewee	
BG10-07	207	108.12	96.62	95.7	-64.8	56119	Peewee	
BG10-07	252	109.2	97.7	96.8	-64.6	55990	Peewee	
BG10-07	306	112.4	100.9	100.0	-63.8	56202	Peewee	

Hole_ID	Depth	Raw_Azimuth	True_Azimuth	NAD83_N	Dip	Magnetic_Field	Type	Comments
BG10-07	351	115.29	103.79	102.9	-63.39	56248	Peewee	
BG10-07	402	118.7	107.2	106.3	-62.2	56398	Peewee	
BG10-07	450	139.83	128.33	127.4	-61.62	62663	Peewee	
BG10-07	501	125.6	114.1	113.2	-61.6	57731	Peewee	
BG10-08	*32*	*105.4*	*93.9*	*93.0*	*-50*	*57100*	*Peewee*	*suspect magnetic; use dip only*
BG10-08	*83*	*129*	*117.5*	*116.6*	*-50.8*	*58180*	*Peewee*	*suspect magnetic; use dip only*
BG10-08	134	109.4	97.9	97.0	-51.7	55921	Peewee	
BG10-08	*185*	*104*	*92.5*	*91.6*	*-51.4*	*58760*	*Peewee*	*suspect magnetic; use dip only*
BG10-08	*236*	*127.5*	*116*	*115.1*	*-51.4*	*57670*	*Peewee*	*suspect magnetic; use dip only*
BG10-09	*17*	*178.4*	*166.9*	*166.0*	*-52.6*	*65630*	*Peewee*	*suspect magnetic; use dip only*
BG10-09	80	196.5	185	184.1	-52.8	53180	Peewee	
BG10-10	24	158.4	146.9	146.0	-77.8	57870	Peewee	
BG10-10	102	156.8	145.3	144.4	-77.3	54890	Peewee	
BG10-11	*45*	*157*	*145.5*	*144.6*	*-41.5*	*53440*	*Peewee*	*suspect magnetic; use dip only*
BG10-11	*81*	*157*	*145.5*	*144.6*	*-40.7*	*55164*	*Peewee*	*suspect magnetic; use dip only*
BG10-12	*18*	*333.7*	*322.2*	*321.3*	*-64.9*	*58530*	*Reflex EZ-Shot*	*Used Northland Technical collar survey for azm; use dip only*
BG10-12	*31*	*332.1*	*320.6*	*319.7*	*-64.9*	*55220*	*Reflex EZ-Shot*	*Used Northland Technical collar survey for azm; use dip only*
BG10-12	102	335.7	324.2	323.3	-64.9	56580	Reflex EZ-Shot	Used Northland Technical collar survey for azm; use dip only
BG10-12	150	334.3	322.8	321.9	-64.3	55340	Reflex EZ-Shot	Used Northland Technical collar survey for azm; use dip only
BG10-12	*201*	*341.4*	*329.9*	*329.0*	*-64.1*	*53200*	*Reflex EZ-Shot*	*Used Northland Technical collar survey for azm; use dip only*
BG10-12	250	327.1	315.6	314.7	-64.2	53590	Reflex EZ-Shot	Used Northland Technical collar survey for azm; use dip only
BG10-12	*324*	*347.9*	*336.4*	*335.5*	*-63.4*	*54730*	*Reflex EZ-Shot*	*Used Northland Technical collar survey for azm; use dip only*
BG10-13	24	120.6	109.1	108.2	-37.2	55508	Peewee	
BG10-13	*71*	*128.1*	*116.6*	*115.7*	*-38.4*	*54200*	*Peewee*	*suspect magnetic; use dip only*
BG10-14	14	193.2	181.7	180.8	-65.3	53790	Peewee	
BG10-14	*80*	*213.7*	*202.2*	*201.3*	*-67.7*	*49980*	*Peewee*	*suspect magnetic; use dip only*
BG10-15	*30*	*97.9*	*86.4*	*85.5*	*-55.6*	*56970*	*Peewee*	*suspect magnetic; use dip only*
BG10-15	81	101.7	90.2	89.3	-57.1	54760	Peewee	
BG10-16	15	87	75.5	74.6	-43.6	62880	Peewee	
BG10-16	*81*	*97.5*	*86*	*85.1*	*-45.1*	*55694*	*Peewee*	*suspect magnetic; use dip only*
BG10-17	*18*	*101.4*	*89.9*	*89.0*	*-66.6*	*56488*	*Peewee*	*suspect magnetic; use dip only*
BG10-17	*53*	*102.7*	*91.2*	*90.3*	*-65.9*	*56309*	*Peewee*	*suspect magnetic; use dip only*
BG10-17	*102*	*104.1*	*92.6*	*91.7*	*-65.5*	*56156*	*Peewee*	*suspect magnetic; use dip only*
BG10-17	*150*	*106.2*	*94.7*	*93.8*	*-65.25*	*56094*	*Peewee*	*suspect magnetic; use dip only*
BG10-17	201	108.1	96.6	95.7	-64.7	56044	Peewee	
BG10-17	252	109.3	97.8	96.9	-64.6	56259	Peewee	
BG10-17	300	110.4	98.9	98.0	-64.3	56236	Peewee	
BG10-17	*351*	*116.03*	*104.53*	*103.6*	*-64.38*	*67106*	*Peewee*	*suspect magnetic; use dip only*
BG10-17	*369*	*162.24*	*150.74*	*149.8*	*-64.02*	*31088*	*Peewee*	*suspect magnetic; use dip only*

Hole_ID	Depth	Raw_Azimuth	True_Azimuth	NAD83_N	Dip	Magnetic_Field	Type	Comments
BG10-18	15	101.29	89.79	88.9	-66.36	56687	Peewee	
BG10-18	51	103.1	91.6	90.7	-65.6	56328	Peewee	
BG10-18	105	106.7	95.2	94.3	-65.3	56143	Peewee	
BG10-18B	13	101.42	89.92	89.0	-66.09	56640	Peewee	
BG10-18C	15	98.56	87.06	86.1	-65.63	56809	Peewee	
BG10-18C	57	98.9	87.4	86.5	-65	56239	Peewee	
BG10-18C	102	99.6	88.1	87.2	-64.9	56060	Peewee	
BG10-18C	150	99.38	87.88	86.9	-64.99	33742	Peewee	
BG10-18C	201	102.3	90.8	89.9	-64.6	56780	Peewee	
BG10-18C	252	103.24	91.74	90.8	-64.37	56478	Peewee	
BG10-18C	300	103.18	91.68	90.7	-64.45	55527	Peewee	
BG10-18C	*351*	*101.3*	*89.8*	*88.9*	*-64.1*	*56539*	*Peewee*	*suspect magnetic; use dip only*
BG10-18C	*402*	*98.4*	*86.9*	*86.0*	*-63.7*	*61812*	*Peewee*	*suspect magnetic; use dip only*
BG10-18C	*417*	*89.6*	*78.1*	*77.2*	*-63.6*	*63087*	*Peewee*	*suspect magnetic; use dip only*
BG10-19	15	206.5	195	194.1	-74.97	64164	Peewee	
BG10-19	51	203.6	192.1	191.2	-72	56185	Peewee	
BG10-19	102	199.83	188.33	187.4	-68.96	55972	Peewee	
BG10-19	150	197.5	186	185.1	-68.7	55565	Peewee	
BG10-19	201	200.43	188.93	188.0	-68.59	55257	Peewee	
BG10-19	255	199.5	188	187.1	-68.7	57606	Peewee	
BG10-19	300	198.71	187.21	186.3	-68.37	57430	Peewee	
BG10-19	*351*	*190.6*	*179.1*	*178.2*	*-68.5*	*58157*	*Peewee*	*suspect magnetic; use dip only*
BG10-20	15	121.5	110	109.1	-66.23	56773	Peewee	
BG10-20	31	119.06	107.56	106.6	-66.26	56005	Peewee	
BG10-20	102	121	109.5	108.6	-65.6	55899	Peewee	
BG10-20	150	121.36	109.86	108.9	-65.1	55633	Peewee	
BG10-20	*201*	*114.6*	*103.1*	*102.2*	*-64.9*	*61641*	*Peewee*	*suspect magnetic; use dip only*
BG10-20	*252*	*130.4*	*118.9*	*118.0*	*-64.31*	*58636*	*Peewee*	*suspect magnetic; use dip only*
BG10-20	*300*	*132.46*	*120.96*	*120.0*	*-64.34*	*58939*	*Peewee*	*suspect magnetic; use dip only*
BG10-20	*351*	*137.7*	*126.2*	*125.3*	*-64.2*	*57472*	*Peewee*	*suspect magnetic; use dip only*
BG10-20	*402*	*143.33*	*131.83*	*130.9*	*-63.71*	*58481*	*Peewee*	*suspect magnetic; use dip only*
BG10-20	*420*	*157.22*	*145.72*	*144.8*	*-63.4*	*62624*	*Peewee*	*suspect magnetic; use dip only*
BG10-21	10		90.24	89.3	-64.63		Gyro Survey	Used Gyro survey by Halliburton corrected to NAD83;Northland Technical for collar location
BG10-21	20		90.56	89.6	-64.48		Gyro Survey	Used Gyro survey by Halliburton corrected to NAD83;Northland Technical for collar location
BG10-21	30		90.88	89.9	-64.33		Gyro Survey	Used Gyro survey by Halliburton corrected to NAD83;Northland Technical for collar location
BG10-21	40		91.01	90.1	-64.37		Gyro Survey	Used Gyro survey by Halliburton corrected to NAD83;Northland Technical for collar location
BG10-21	50		91.13	90.2	-64.41		Gyro Survey	Used Gyro survey by Halliburton corrected to NAD83;Northland Technical for collar location
BG10-21	60		91.26	90.3	-64.45		Gyro Survey	Used Gyro survey by Halliburton corrected to NAD83;Northland Technical for collar location

Hole_ID	Depth	Raw_Azimuth	True_Azimuth	NAD83_N	Dip	Magnetic_Field	Type	Comments
BG10-21	70		92.05	91.1	-64.52		Gyro Survey	Used Gyro survey by Halliburton corrected to NAD83;Northland Technical for collar location
BG10-21	80		92.85	91.9	-64.59		Gyro Survey	Used Gyro survey by Halliburton corrected to NAD83;Northland Technical for collar location
BG10-21	90		93.64	92.7	-64.65		Gyro Survey	Used Gyro survey by Halliburton corrected to NAD83;Northland Technical for collar location
BG10-21	100		93.76	92.8	-64.69		Gyro Survey	Used Gyro survey by Halliburton corrected to NAD83;Northland Technical for collar location
BG10-21	110		93.87	92.9	-64.73		Gyro Survey	Used Gyro survey by Halliburton corrected to NAD83;Northland Technical for collar location
BG10-21	120		93.99	93.1	-64.77		Gyro Survey	Used Gyro survey by Halliburton corrected to NAD83;Northland Technical for collar location
BG10-21	130		94.35	93.4	-64.76		Gyro Survey	Used Gyro survey by Halliburton corrected to NAD83;Northland Technical for collar location
BG10-21	140		94.71	93.8	-64.76		Gyro Survey	Used Gyro survey by Halliburton corrected to NAD83;Northland Technical for collar location
BG10-21	150		95.06	94.1	-64.75		Gyro Survey	Used Gyro survey by Halliburton corrected to NAD83;Northland Technical for collar location
BG10-22	10		93.2	92.3	-70.36		Gyro Survey	Used Gyro survey by Halliburton corrected to NAD83;Northland Technical for collar location
BG10-22	20		93.73	92.8	-70.26		Gyro Survey	Used Gyro survey by Halliburton corrected to NAD83;Northland Technical for collar location
BG10-22	30		94.26	93.3	-70.17		Gyro Survey	Used Gyro survey by Halliburton corrected to NAD83;Northland Technical for collar location
BG10-22	40		95.09	94.2	-70.23		Gyro Survey	Used Gyro survey by Halliburton corrected to NAD83;Northland Technical for collar location
BG10-22	50		95.93	95.0	-70.28		Gyro Survey	Used Gyro survey by Halliburton corrected to NAD83;Northland Technical for collar location
BG10-22	60		96.77	95.8	-70.33		Gyro Survey	Used Gyro survey by Halliburton corrected to NAD83;Northland Technical for collar location
BG10-22	70		97.64	96.7	-70.37		Gyro Survey	Used Gyro survey by Halliburton corrected to NAD83;Northland Technical for collar location
BG10-22	80		98.5	97.6	-70.39		Gyro Survey	Used Gyro survey by Halliburton corrected to NAD83;Northland Technical for collar location
BG10-22	90		99.37	98.4	-70.42		Gyro Survey	Used Gyro survey by Halliburton corrected to NAD83;Northland Technical for collar location
BG10-22	100		100.16	99.2	-70.53		Gyro Survey	Used Gyro survey by Halliburton corrected to NAD83;Northland Technical for collar location
BG10-22	110		100.96	100.0	-70.64		Gyro Survey	Used Gyro survey by Halliburton corrected to NAD83;Northland Technical for collar location
BG10-22	120		101.78	100.8	-70.75		Gyro Survey	Used Gyro survey by Halliburton corrected to NAD83;Northland Technical for collar location
BG10-22	130		102.53	101.6	-70.89		Gyro Survey	Used Gyro survey by Halliburton corrected to NAD83;Northland Technical for collar location

Hole_ID	Depth	Raw_Azimuth	True_Azimuth	NAD83_N	Dip	Magnetic_Field	Type	Comments
BG10-22	140		103.29	102.4	-71.02		Gyro Survey	Used Gyro survey by Halliburton corrected to NAD83;Northland Technical for collar location
BG10-22	150		104.06	103.1	-71.15		Gyro Survey	Used Gyro survey by Halliburton corrected to NAD83;Northland Technical for collar location
BG10-22	160		104.69	103.8	-71.22		Gyro Survey	Used Gyro survey by Halliburton corrected to NAD83;Northland Technical for collar location
BG10-23	15	318.6	307.1	306.2	-43.7	51940	Peewee	
BG10-23	*60*	*285*	*273.5*	*272.6*	*-43.6*	*57270*	*Peewee*	*suspect magnetic; use dip only*
BG10-24	18	327.5	316	315.1	-63.5	57570	Reflex EZ-Shot	Used Northland Technical collar survey for azm; use dip only
BG10-24	51	328.2	316.7	315.8	-63.2	57890	Reflex EZ-Shot	Used Northland Technical collar survey for azm; use dip only
BG10-24	*102*	*323.2*	*311.7*	*310.8*	*-63.6*	*52000*	*Reflex EZ-Shot*	*Used Northland Technical collar survey for azm; use dip only*
BG10-24	*150*	*317.2*	*305.7*	*304.8*	*-63.6*	*50680*	*Reflex EZ-Shot*	*Used Northland Technical collar survey for azm; use dip only*
BG10-24	*201*	*323.3*	*311.8*	*310.9*	*-63.9*	*55310*	*Reflex EZ-Shot*	*Used Northland Technical collar survey for azm; use dip only*
BG10-25	10		157.93	157.0	-64.65		Gyro Survey	Used Gyro survey by Halliburton corrected to
BG10-25	20		157.59	156.7	-64.54		Gyro Survey	Used Gyro survey by Halliburton corrected to
BG10-25	30		157.25	156.3	-64.43		Gyro Survey	Used Gyro survey by Halliburton corrected to
BG10-25	40		157.71	156.8	-64.52		Gyro Survey	Used Gyro survey by Halliburton corrected to
BG10-25	50		158.16	157.2	-64.6		Gyro Survey	Used Gyro survey by Halliburton corrected to
BG10-25	60		158.62	157.7	-64.68		Gyro Survey	Used Gyro survey by Halliburton corrected to
BG10-25	70		159.14	158.2	-64.76		Gyro Survey	Used Gyro survey by Halliburton corrected to
BG10-25	80		159.66	158.7	-64.84		Gyro Survey	Used Gyro survey by Halliburton corrected to
BG10-25	90		160.18	159.2	-64.92		Gyro Survey	Used Gyro survey by Halliburton corrected to
BG10-25	100		160.17	159.2	-64.94		Gyro Survey	Used Gyro survey by Halliburton corrected to
BG10-25	105		160.17	159.2	-64.95		Gyro Survey	Used Gyro survey by Halliburton corrected to
BG10-26	*50*	*193.7*	*182.2*	*181.3*	*-61.8*	*56480*	*Reflex EZ-Shot*	*disregard AZM reading - magnetic influence;Northland Technical survey for collar azm*
BG10-27	54	142	130.5	129.6	-66	55560	Reflex EZ-Shot	Used Northland Technical collar survey for azm; use dip only
BG10-28	10		160.05	159.1	-67.37		Gyro Survey	Used Gyro survey by Halliburton corrected to NAD83;Northland Technical for collar location
BG10-28	20		159.93	159.0	-66.98		Gyro Survey	Used Gyro survey by Halliburton corrected to NAD83;Northland Technical for collar location
BG10-28	30		159.83	158.9	-66.6		Gyro Survey	Used Gyro survey by Halliburton corrected to NAD83;Northland Technical for collar location
BG10-28	40		160.57	159.6	-66.62		Gyro Survey	Used Gyro survey by Halliburton corrected to NAD83;Northland Technical for collar location
BG10-28	50		161.31	160.4	-66.64		Gyro Survey	Used Gyro survey by Halliburton corrected to NAD83;Northland Technical for collar location
BG10-28	60		162.06	161.1	-66.65		Gyro Survey	Used Gyro survey by Halliburton corrected to NAD83;Northland Technical for collar location

Hole_ID	Depth	Raw_Azimuth	True_Azimuth	NAD83_N	Dip	Magnetic_Field	Type	Comments
BG10-28	70		162.2	161.3	-66.68		Gyro Survey	Used Gyro survey by Halliburton corrected to NAD83;Northland Technical for collar location
BG10-28	80		162.35	161.4	-66.72		Gyro Survey	Used Gyro survey by Halliburton corrected to NAD83;Northland Technical for collar location
BG10-28	90		162.49	161.6	-66.75		Gyro Survey	Used Gyro survey by Halliburton corrected to NAD83;Northland Technical for collar location
BG10-28	100		163.09	162.2	-66.78		Gyro Survey	Used Gyro survey by Halliburton corrected to NAD83;Northland Technical for collar location
BG10-28	110		163.69	162.8	-66.81		Gyro Survey	Used Gyro survey by Halliburton corrected to NAD83;Northland Technical for collar location
BG10-28	120		164.29	163.4	-66.83		Gyro Survey	Used Gyro survey by Halliburton corrected to NAD83;Northland Technical for collar location
BG10-28	130		164.69	163.8	-66.89		Gyro Survey	Used Gyro survey by Halliburton corrected to NAD83;Northland Technical for collar location
BG10-28	140		165.1	164.2	-66.95		Gyro Survey	Used Gyro survey by Halliburton corrected to NAD83;Northland Technical for collar location
BG10-28	150		165.51	164.6	-67		Gyro Survey	Used Gyro survey by Halliburton corrected to NAD83;Northland Technical for collar location
BG10-29	*50*	*192.6*	*181.1*	*180.2*	*-59.7*	*56030*	*Reflex EZ-Shot*	*Used Northland Technical collar survey for azm; use dip only*
BG10-29	102	187.6	176.1	175.2	-59.9	56140	Reflex EZ-Shot	Used Northland Technical collar survey for azm; use dip only
BG10-29	129	189.8	178.3	177.4	-59.9	59700	Reflex EZ-Shot	Used Northland Technical collar survey for azm; use dip only
BG10-29	*162*	*200.7*	*189.2*	*188.3*	*-59.9*	*55530*	*Reflex EZ-Shot*	*Used Northland Technical collar survey for azm; use dip only*
BG10-30	23	186.3	174.8	173.9	-45.7	52580	Peewee	
BG10-31	*14*	*205.3*	*193.8*	*192.9*	*-52.4*	*56240*	*Peewee*	*suspect magnetic; use dip only*
BG10-31	80	194.5	183	182.1	-52.7	47190	Peewee	
BG10-32	*51*	*139.1*	*127.6*	*126.7*	*-64.4*	*55200*	*Reflex EZ-Shot*	*Used Northland Technical collar survey for azm; use dip only*
BG10-32	*102*	*136.5*	*125*	*124.1*	*-64.1*	*55390*	*Reflex EZ-Shot*	*Used Northland Technical collar survey for azm; use dip only*
BG10-32	*130*	*130*	*118.5*	*117.6*	*-64.2*	*55840*	*Reflex EZ-Shot*	*Used Northland Technical collar survey for azm; use dip only*
BG10-32	*139*	*184.3*	*172.8*	*171.9*	*-58.6*	*54940*	*Reflex EZ-Shot*	*Used Northland Technical collar survey for azm; use dip only*
BG10-32	*162*	*128.2*	*116.7*	*115.8*	*-64.3*	*55260*	*Reflex EZ-Shot*	*Used Northland Technical collar survey for azm; use dip only*
BG10-33	*15*	*198.5*	*187*	*186.1*	*-72.5*	*55329*	*Peewee*	*suspect magnetic; use dip only*
BG10-33	*80*	*198.9*	*187.4*	*186.5*	*-70.7*	*54917*	*Peewee*	*suspect magnetic; use dip only*
BG10-36	18	123.62	112.12	111.2	-65.22	56353	Peewee	
BG10-36	51	121.77	110.27	109.3	-65.64	56285	Peewee	
BG10-36	102	124	112.5	111.6	-65.5	56603	Peewee	
BG10-36	252	125.4	113.9	113.0	-63.3	57302	Peewee	
BG10-36	309	129.8	118.3	117.4	-63	56898	Peewee	

Hole_ID	Depth	Raw_Azimuth	True_Azimuth	NAD83_N	Dip	Magnetic_Field	Type	Comments
BG10-36	351	127.54	116.04	115.1	-62.9	55840	Peewee	
BG10-36	402	128.44	116.94	116.0	-62.16	56280	Peewee	
BG10-36	462	130	118.5	117.6	-61.76	56740	Peewee	
BG10-37	*17*	*140.4*	*128.9*	*128.0*	*-49.2*	*53350*	*Peewee*	*suspect magnetic; use dip only*
BG10-37	*80*	*139.8*	*128.3*	*127.4*	*-48.1*	*53870*	*Peewee*	*suspect magnetic; use dip only*
BG10-38	15	100.8	89.3	88.4	-60.3	54766	Peewee	
BG10-38	57	95.8	84.3	83.4	-60	56681	Peewee	
BG10-38	*102*	*99.99*	*88.49*	*87.6*	*-59.97*	*56847*	*Peewee*	*suspect magnetic; use dip only*
BG10-38	150	95.83	84.33	83.4	-59.92	55699	Peewee	
BG10-38	201	97.88	86.38	85.4	-59.13	56545	Peewee	
BG10-38	252	99.6	88.1	87.2	-58.3	56142	Peewee	
BG10-38	300	102.33	90.83	89.9	-57.93	56186	Peewee	
BG10-38	350	103.87	92.37	91.4	-57.85	56286	Peewee	
BG10-38	402	107.6	96.1	95.2	-57.2	56727	Peewee	
BG10-38	438	106.96	95.46	94.5	-57.12	56302	Peewee	
BG10-39	*15*	*128.3*	*116.8*	*115.9*	*-62.7*	*53870*	*Peewee*	*suspect magnetic; use dip only*
BG10-39	*59*	*131*	*119.5*	*118.6*	*-62*	*53650*	*Peewee*	*suspect magnetic; use dip only*
BG10-40	*23*	*303.3*	*291.8*	*290.9*	*-43*	*49180*	*Peewee*	*Field compass shows drill at bearing 310AZM as per DM Nov 3/10*
BG10-40	*95*	*191.1*	*179.6*	*178.7*	*-40*	*12810*	*Peewee*	*suspect magnetic; use dip only*
BG10-41	14	308.6	297.1	296.2	-39.4	51840	Peewee	
BG10-41	*50*	*288.3*	*276.8*	*275.9*	*-39.3*	*54721*	*Peewee*	*suspect magnetic; use dip only*
BG10-42	51	161.4	149.9	149.0	-54.2	55800	Reflex EZ-Shot	Used Northland Technical collar survey for azm; use dip only
BG10-42	102	163.6	152.1	151.2	-54	55540	Reflex EZ-Shot	Used Northland Technical collar survey for azm; use dip only
BG10-42	150	161.5	150	149.1	-55.6	55200	Reflex EZ-Shot	Used Northland Technical collar survey for azm; use dip only
BG10-42	219	164.4	152.9	152.0	-55.7	55400	Reflex EZ-Shot	Used Northland Technical collar survey for azm; use dip only
BG10-43	18	203.08	191.58	190.6	-65.7	56369	Peewee	
BG10-43	51	205.1	193.6	192.7	-64.5	55884	Peewee	
BG10-43	102	205.5	194	193.1	-64.3	55866	Peewee	
BG10-43	153	202.5	191	190.1	-64	54031	Peewee	
BG10-43	201	203.9	192.4	191.5	-64.1	57380	Peewee	
BG10-43	*252*	*192.3*	*180.8*	*179.9*	*-64*	*55550*	*Peewee*	*suspect magnetic; use dip only*
BG10-43	*300*	*194.8*	*183.3*	*182.4*	*-64.1*	*59130*	*Peewee*	*suspect magnetic; use dip only*
BG10-43	*420*	*193*	*181.5*	*180.6*	*-63.9*	*55930*	*Peewee*	*suspect magnetic; use dip only*
BG10-44	*15*	*138*	*126.5*	*125.6*	*-48.2*	*56020*	*Peewee*	*suspect magnetic; use dip only*
BG10-44	*51*	*119.3*	*107.8*	*106.9*	*-48*	*55470*	*Peewee*	*suspect magnetic; use dip only*
BG10-44	102	131	119.5	118.6	-47.9	56930	Peewee	
BG10-44	*150*	*136.3*	*124.8*	*123.9*	*-47.9*	*58810*	*Peewee*	*suspect magnetic; use dip only*
BG10-44	*201*	*142*	*130.5*	*129.6*	*-48*	*56880*	*Peewee*	*suspect magnetic; use dip only*
BG10-44	*251*	*144*	*132.5*	*131.6*	*-48.3*	*56630*	*Peewee*	*suspect magnetic; use dip only*
BG10-44	*306*	*139.1*	*127.6*	*126.7*	*-48*	*58700*	*Peewee*	*suspect magnetic; use dip only*
BG10-44	*351*	*143.6*	*132.1*	*131.2*	*-47.8*	*61310*	*Peewee*	*suspect magnetic; use dip only*

Hole_ID	Depth	Raw_Azimuth	True_Azimuth	NAD83_N	Dip	Magnetic_Field	Type	Comments
BG10-44	*400*	*137.6*	*126.1*	*125.2*	*-47.6*	*54670*	*Peewee*	*suspect magnetic; use dip only*
BG10-44	453	128.3	116.8	115.9	-47.3	54430	Peewee	
BG10-44	501	131.2	119.7	118.8	-46.8	54450	Peewee	
BG10-45	*15*	*179.5*	*168*	*167.1*	*-44.5*	*55401*	*Peewee*	*suspect magnetic; use dip only*
BG10-45	*80*	*186.3*	*174.8*	*173.9*	*-45.9*	*55360*	*Peewee*	*suspect magnetic; use dip only*
BG10-46	15	194.6	183.1	182.2	-51.9	66320	Peewee	
BG10-46	132	192.2	180.7	179.8	-52.1	50760	Peewee	
BG10-47	15	170.2	158.7	157.8	-60.9	51140	Peewee	
BG10-47	111	-61.5	-73	-73.9	-61.5	50920	Peewee	
BG10-48	15	115.8	104.3	103.4	-68.4	56270	Reflex EZ-Shot	Used Northland Technical collar survey for azm; use dip only
BG10-48	51	115.7	104.2	103.3	-68.6	55880	Reflex EZ-Shot	Used Northland Technical collar survey for azm; use dip only
BG10-48	102	118.4	106.9	106.0	-68.6	55690	Reflex EZ-Shot	Used Northland Technical collar survey for azm; use dip only
BG10-48	150	119.6	108.1	107.2	-68.7	55730	Reflex EZ-Shot	Used Northland Technical collar survey for azm; use dip only
BG10-48	*201*	*124.9*	*113.4*	*112.5*	*-68*	*55480*	*Reflex EZ-Shot*	*Used Northland Technical collar survey for azm; use dip only*
BG10-48	*252*	*128.1*	*116.6*	*115.7*	*-68.5*	*55450*	*Reflex EZ-Shot*	*Used Northland Technical collar survey for azm; use dip only*
BG10-48	*270*	*128.8*	*117.3*	*116.4*	*-68.7*	*55200*	*Reflex EZ-Shot*	*Used Northland Technical collar survey for azm; use dip only*
BG10-49	15	113	101.5	100.6	-48.8	56200	Reflex EZ-Shot	Used Northland Technical collar survey for azm; use dip only
BG10-49	51	113.3	101.8	100.9	-48.9	55990	Reflex EZ-Shot	Used Northland Technical collar survey for azm; use dip only
BG10-49	102	116.1	104.6	103.7	-49.5	55650	Reflex EZ-Shot	Used Northland Technical collar survey for azm; use dip only
BG10-49	150	116.9	105.4	104.5	-49.6	55520	Reflex EZ-Shot	Used Northland Technical collar survey for azm; use dip only
BG10-49	180	116.7	105.2	104.3	-49.9	55290	Reflex EZ-Shot	Used Northland Technical collar survey for azm; use dip only
BG10-50	*15*	*134.7*	*123.2*	*122.3*	*-56.3*	*55002*	*Peewee*	*suspect magnetic; use dip only*
BG10-50	*131*	*147.9*	*136.4*	*135.5*	*-56.2*	*55207*	*Peewee*	*suspect magnetic; use dip only*
BG10-51	*15*	*113.6*	*102.1*	*101.2*	*-55.1*	*54996*	*Peewee*	*suspect magnetic; use dip only*
BG10-51	*125*	*123.7*	*112.2*	*111.3*	*-51.3*	*55000*	*Peewee*	*suspect magnetic; use dip only*
BG10-52	15	178.1	166.6	165.7	-57.7	56220	Reflex EZ-Shot	Used Northland Technical collar survey for azm; use dip only
BG10-52	51	180.5	169	168.1	-57.7	55510	Reflex EZ-Shot	Used Northland Technical collar survey for azm; use dip only
BG10-52	102	180.8	169.3	168.4	-58.1	55080	Reflex EZ-Shot	Used Northland Technical collar survey for azm; use dip only
BG10-53	15	192.5	181	180.1	-43	55404	Peewee	
BG10-53	80	194.4	182.9	182.0	-42.1	55197	Peewee	
BG10-56	12	165.4	153.9	153.0	-67.5	56770	Peewee	

Hole_ID	Depth	Raw_Azimuth	True_Azimuth	NAD83_N	Dip	Magnetic_Field	Type	Comments
BG10-56	51	163.66	152.16	151.2	-67.65	56002	Peewee	
BG10-56	102	163.49	151.99	151.1	-67.07	55932	Peewee	
BG10-56	153	164.2	152.7	151.8	-67	55923	Peewee	
BG10-56	252	165.38	153.88	152.9	-66.65	56011	Peewee	
BG10-56	*348*	*116.7*	*105.2*	*104.3*	*-66.05*	*55999*	*Peewee*	
BG10-56	310	165.31	153.81	152.9	-66	56162	Peewee	
BG-10-58	10		104.94	104.0	-68.25		Gyro Survey	Used Gyro survey by Halliburton corrected to NAD83;Northland Technical for collar location
BG-10-58	20		105.06	104.1	-68.24		Gyro Survey	Used Gyro survey by Halliburton corrected to NAD83;Northland Technical for collar location
BG-10-58	30		105.18	104.2	-68.23		Gyro Survey	Used Gyro survey by Halliburton corrected to NAD83;Northland Technical for collar location
BG-10-58	40		105.67	104.7	-68.19		Gyro Survey	Used Gyro survey by Halliburton corrected to NAD83;Northland Technical for collar location
BG-10-58	50		106.15	105.2	-68.14		Gyro Survey	Used Gyro survey by Halliburton corrected to NAD83;Northland Technical for collar location
BG-10-58	60		106.64	105.7	-68.08		Gyro Survey	Used Gyro survey by Halliburton corrected to NAD83;Northland Technical for collar location
BG-10-58	70		106.85	105.9	-68.03		Gyro Survey	Used Gyro survey by Halliburton corrected to NAD83;Northland Technical for collar location
BG-10-58	80		107.07	106.1	-67.97		Gyro Survey	Used Gyro survey by Halliburton corrected to NAD83;Northland Technical for collar location
BG-10-58	90		107.29	106.4	-67.92		Gyro Survey	Used Gyro survey by Halliburton corrected to NAD83;Northland Technical for collar location
BG-10-58	100		107.61	106.7	-67.9		Gyro Survey	Used Gyro survey by Halliburton corrected to NAD83;Northland Technical for collar location
BG-10-58	110		107.94	107.0	-67.87		Gyro Survey	Used Gyro survey by Halliburton corrected to NAD83;Northland Technical for collar location
BG-10-58	120		108.26	107.3	-67.85		Gyro Survey	Used Gyro survey by Halliburton corrected to NAD83;Northland Technical for collar location
BG-10-58	130		108.83	107.9	-67.82		Gyro Survey	Used Gyro survey by Halliburton corrected to NAD83;Northland Technical for collar location
BG-10-59	10		132.75	131.8	-63.74		Gyro Survey	Used Gyro survey by Halliburton corrected to NAD83;Northland Technical for collar location
BG-10-59	20		133.07	132.1	-63.53		Gyro Survey	Used Gyro survey by Halliburton corrected to NAD83;Northland Technical for collar location
BG-10-59	30		133.39	132.5	-63.32		Gyro Survey	Used Gyro survey by Halliburton corrected to NAD83;Northland Technical for collar location
BG-10-59	40		133.48	132.5	-63.3		Gyro Survey	Used Gyro survey by Halliburton corrected to NAD83;Northland Technical for collar location
BG-10-59	50		133.57	132.6	-63.27		Gyro Survey	Used Gyro survey by Halliburton corrected to NAD83;Northland Technical for collar location
BG-10-59	60		133.65	132.7	-63.25		Gyro Survey	Used Gyro survey by Halliburton corrected to NAD83;Northland Technical for collar location

Hole_ID	Depth	Raw_Azimuth	True_Azimuth	NAD83_N	Dip	Magnetic_Field	Type	Comments
BG-10-59	70		133.96	133.0	-63.22		Gyro Survey	Used Gyro survey by Halliburton corrected to NAD83;Northland Technical for collar location
BG-10-59	80		134.26	133.3	-63.18		Gyro Survey	Used Gyro survey by Halliburton corrected to NAD83;Northland Technical for collar location
BG-10-59	90		134.57	133.6	-63.15		Gyro Survey	Used Gyro survey by Halliburton corrected to NAD83;Northland Technical for collar location
BG-10-59	100		135.12	134.2	-63.16		Gyro Survey	Used Gyro survey by Halliburton corrected to NAD83;Northland Technical for collar location
BG-10-59	105		135.4	134.5	-63.17		Gyro Survey	Used Gyro survey by Halliburton corrected to NAD83;Northland Technical for collar location
BG10-60	*81*	*146.2*	*134.7*	*133.8*	*-48.1*	*26840*	*Reflex EZ-Shot*	*Used Northland Technical collar survey for azm; use dip only*
BG10-61	27	161.1	149.6	148.7	-46.3	56060	Reflex EZ-Shot	
BG10-61	81	162.3	150.8	149.9	-46.9	54590	Reflex EZ-Shot	
BG10-62	*81*	*168.7*	*157.2*	*156.3*	*-45.5*	*58700*	*Reflex EZ-Shot*	*Used Northland Technical collar survey for azm; use dip only*
BG10-64	81	139.1	127.6	126.7	-47.8	53620	Reflex EZ-Shot	Used Northland Technical collar survey for azm; use dip only
BG10-63	*48*	*354.2*	*342.7*	*341.8*	*-44.2*	*44390*	*Reflex EZ-Shot*	*Used Northland Technical collar survey for azm; use dip only*
BG10-65	*81*	*153.2*	*141.7*	*140.8*	*-47*	*55390*	*Reflex EZ-Shot*	*Used Northland Technical collar survey for azm; use dip only*
BG10-66	81	169.3	157.8	156.9	-45.9	55690	Reflex EZ-Shot	Used Northland Technical collar survey for azm; use dip only
BG10-67	*51*	*44.5*	*33*	*32.1*	*-62.6*	*33170*	*Reflex EZ-Shot*	*Used Northland Technical collar survey for azm; use dip only*
BG10-68	*33*	*208.5*	*197*	*196.1*	*-47.6*	*55400*	*Reflex EZ-Shot*	*Used Northland Technical collar survey for azm; use dip only*
BG10-68	*81*	*201.4*	*189.9*	*189.0*	*-48.1*	*54110*	*Reflex EZ-Shot*	*Used Northland Technical collar survey for azm; use dip only*
BG10-69	42	202.8	191.3	190.4	-42	55480	Reflex EZ-Shot	Used Northland Technical collar survey for azm; use dip only
BG10-70	30	124.9	113.4	112.5	-61.4	54660	Reflex EZ-Shot	Used Northland Technical collar survey for azm; use dip only
BG10-71	30		138.52	137.6	-76.23		Gyro Survey	Used Gyro survey by Halliburton corrected to NAD83
BG10-71	60		139.12	138.2	-75.93		Gyro Survey	Used Gyro survey by Halliburton corrected to NAD83
BG10-71	90		139.6	138.7	-75.92		Gyro Survey	Used Gyro survey by Halliburton corrected to NAD83
BG10-71	120		140.51	139.6	-75.9		Gyro Survey	Used Gyro survey by Halliburton corrected to NAD83
BG10-71	150		142.15	141.2	-75.65		Gyro Survey	Used Gyro survey by Halliburton corrected to NAD83
BG10-71	163		141.18	140.2	-75.6		Gyro Survey	Used Gyro survey by Halliburton corrected to NAD83

Hole_ID	Depth	Raw_Azimuth	True_Azimuth	NAD83_N	Dip	Magnetic_Field	Type	Comments
BG10-72	30		114.56	113.6	-46.25		Gyro Survey	Used Gyro survey by Halliburton corrected to NAD83
BG10-72	60		114.86	113.9	-46.32		Gyro Survey	Used Gyro survey by Halliburton corrected to NAD83
BG10-72	90		114.79	113.9	-46.33		Gyro Survey	Used Gyro survey by Halliburton corrected to NAD83
BG10-72	120		114.86	113.9	-46.3		Gyro Survey	Used Gyro survey by Halliburton corrected to NAD83
BG10-72	150		114.94	114.0	-46.27		Gyro Survey	Used Gyro survey by Halliburton corrected to NAD83
BG10-72	160		116.01	115.1	-46.17		Gyro Survey	Used Gyro survey by Halliburton corrected to NAD83
BG10-73	*24*	*113.7*	*102.2*	*101.3*	*-46.8*	*55450*	*Reflex EZ-Shot*	*Gyro survey by Halliburton could not be used*
BG10-73	*51*	*111.7*	*100.2*	*99.3*	*-46.6*	*54480*	*Reflex EZ-Shot*	*Gyro survey by Halliburton could not be used*
BG10-73	*102*	*128.5*	*117*	*116.1*	*-46.6*	*57180*		*Gyro survey by Halliburton could not be used*
BG10-73	*150*	*124.6*	*113.1*	*112.2*	*-46.3*	*58160*		*Gyro survey by Halliburton could not be used*
BG10-73	*195*	*123.5*	*112*	*111.1*	*-46*	*55450*		*Gyro survey by Halliburton could not be used*
BG10-76	*30*	*335.3*	*323.8*	*322.9*	*-48.3*	*79390*		*Gyro survey by Halliburton could not be used*
BG10-76	*51*	*131.8*	*120.3*	*119.4*	*-48.4*	*56770*		*Gyro survey by Halliburton could not be used*
BG10-76	102	138.7	127.2	126.3	-48.2	56810		Gyro survey by Halliburton could not be used
BG10-76	180	141.6	130.1	129.2	-48.1	54540		Gyro survey by Halliburton could not be used
BG10-77	32	146.6	135.1	134.2	-48.3	55220	Peewee	
BG10-77	*83*	*142.1*	*130.6*	*129.7*	*-48.1*	*54870*	*Peewee*	*suspect magnetic; use dip only*
BG10-77	134	148.5	137	136.1	-46.8	55587	Peewee	
BG10-77	200	147.1	135.6	134.7	-48.2	56010	Peewee	
BG10-78	30		108.22	107.3	-46.8		Gyro Survey	Used Gyro survey by Halliburton corrected to NAD83
BG10-78	60		107.56	106.6	-46.89		Gyro Survey	Used Gyro survey by Halliburton corrected to NAD83
BG10-78	73		107.32	106.4	-46.8		Gyro Survey	Used Gyro survey by Halliburton corrected to NAD83
BG10-79	30		125.85	124.9	-57.82		Gyro Survey	Used Gyro survey by Halliburton corrected to NAD83
BG10-79	60		126.49	125.6	-57.25		Gyro Survey	Used Gyro survey by Halliburton corrected to NAD83
BG10-79	90		127.44	126.5	-58.08		Gyro Survey	Used Gyro survey by Halliburton corrected to NAD83
BG10-79	120		128.62	127.7	-57.98		Gyro Survey	Used Gyro survey by Halliburton corrected to NAD83
BG10-79	150		128.87	127.9	-57.93		Gyro Survey	Used Gyro survey by Halliburton corrected to NAD83
BG10-79	180		129.13	128.2	-57.91		Gyro Survey	Used Gyro survey by Halliburton corrected to NAD83
BG10-79	187		129.18	128.2	-57.9		Gyro Survey	Used Gyro survey by Halliburton corrected to NAD83

Hole_ID	Depth	Raw_Azimuth	True_Azimuth	NAD83_N	Dip	Magnetic_Field	Type	Comments
BG10-80	*30*	*108*	*96.5*	*95.6*	*-48*	*56860*		*suspect magnetic; use dip only*
BG10-86	30		105.38	104.4	-62.33		Gyro Survey	Used Gyro survey by Halliburton corrected to NAD83
BG10-86	50		105.95	105.0	-62.23		Gyro Survey	Used Gyro survey by Halliburton corrected to NAD83
BG10-90	*33*	*115.6*	*104.1*	*103.2*	*-49.9*	*55840*		*Gyro survey by Halliburton could not be used*
BG10-92	32	144.5	133	132.1	-57.1	56220	Peewee	
BG10-92	*86*	*149.5*	*138*	*137.1*	*-55.9*	*56330*	*Peewee*	*suspect magnetic; use dip only*
BG10-92	137	142.6	131.1	130.2	-56.6	55020	Peewee	
BG10-92	188	139.6	128.1	127.2	-54.1	56020	Peewee	
BG10-92	*251*	*156.4*	*144.9*	*144.0*	*-54.7*	*55710*	*Peewee*	*suspect magnetic; use dip only*
BF10-93	36	155.4	143.9	143.0	-56.3	55860	Peewee	
BG10-93	*87*	*153.2*	*141.7*	*140.8*	*-55*	*54440*	*Peewee*	*suspect magnetic; use dip only*
BG10-93	138	158.5	147	146.1	-55.2	55431	Peewee	
BG10-93	249	158.7	147.2	146.3	-56.1	54320	Peewee	
BG10-94	*35*	*128.9*	*117.4*	*116.5*	*-49.8*	*56360*	*Peewee*	*suspect magnetic; use dip only*
BG10-94	*86*	*131.9*	*120.4*	*119.5*	*-49.2*	*55376*	*Peewee*	*suspect magnetic; use dip only*
BG10-94	137	149.1	137.6	136.7	-48.6	55525	Peewee	
BG10-94	188	146	134.5	133.6	-49.4	55502	Peewee	
BG10-94	239	142.9	131.4	130.5	-49.7	55652	Peewee	
BG10-101	30	114.2	102.7	101.8	-65.2	55644	Peewee	
BG10-101	*81*	*112.3*	*100.8*	*99.9*	*-64.9*	*55120*	*Peewee*	*suspect magnetic; use dip only*
BG10-101	*132*	*118.7*	*107.2*	*106.3*	*-65*	*56190*	*Peewee*	*suspect magnetic; use dip only*
BG10-101	*184*	*118.2*	*106.7*	*105.8*	*-63*	*55930*	*Peewee*	*suspect magnetic; use dip only*
BG10-101	235	116.2	104.7	103.8	-63.2	55730	Peewee	

PolyMet Labs
A Division of Polymet Resources Ltd.

1 Presley St, P.O. Box 699, Cobalt, Ontario, Canada P0J 1C0
Tel: (705) 679-5500 • Fax: (705) 679-5519
Email: info@polymetinc.com Website: www.polymetinc.com

Certificate of Analysis

Queenston Mining Inc.
Lebel Project

We certify that the assay results in the following Certificates are factual and true.

Certificate #'s 11559, 11560, 11561, 11562, 11563, 11564, 11565, 11566, 11567, 11568, 11569, 11570, 11571, 11572, 11573, & 11574

Certified by: _____
Assayer

Certified by: _____
President/Manager

Date: October 24, 2011

Disclaimer: The results included on this report relate only to the items tested. The Certificate of Analysis should not be reproduced except in full, without the written approval of the laboratory.

PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **11559**

Job No. 0-155

Date:
Oct. 21, 2011

Splits

Sample #	**Au Oz/ton**	**g/tonne**
07547	0.002	0.069
07548	<.001	<.03
07549	<.001	<.03
07550	<.001	<.03
07551	<.001	<.03
07552	<.001	<.03
07553	<.001	<.03
07554	0.028	0.960
07555	0.024	0.823

9 **Splits**

Std OxL78	0.174	5.966
Blank	<.001	<.03

Certified Assayer: Linda Johnson

PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **11560**

Job No. 0-155

Date:
Oct. 21, 2011

Splits

Sample #	**Au Oz/ton**	**g/tonne**
07556	<.001	<.03
07557	0.006	0.206
07558	0.010	0.343
07559	0.054	1.851
07560	<.001	<.03
07561	0.002	0.069
07562	<.001	<.03
07563	<.001	<.03
07564	0.008	0.274
07565	<.001	<.03
07566	<.001	<.03
07567	<.001	<.03
07568	<.001	<.03
07569	<.001	<.03
07570	<.001	<.03
07571	<.001	<.03
07572	<.001	<.03
07573	0.002	0.069
07574	<.001	<.03
07575	0.010	0.343
07576	0.014	0.480
07577	0.024	0.823

22 **Splits**

Std OxL78	0.174	5.966
Blank	<.001	<.03

Certified Assayer: Linda Johnson

PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **11561**

Job No. 0-155

Date:
Oct. 21, 2011

Splits

Sample #	**Au Oz/ton**	**g/tonne**
07578	<.001	<.03
07579	0.020	0.686
07580	<.001	<.03
07581	<.001	<.03
07582	<.001	<.03
07583	<.001	<.03
07584	0.170	5.829
07585	<.001	<.03
07586	<.001	<.03
07587	<.001	<.03
07588	<.001	<.03
07589	<.001	<.03
07590	<.001	<.03
07591	<.001	<.03
07592	0.006	0.206
07593	<.001	<.03
07594	<.001	<.03
07595	<.001	<.03
07596	<.001	<.03
07597	<.001	<.03
07598	<.001	<.03

21 **Splits**

Std OxL78	0.174	5.966
Blank	<.001	<.03

Certified Assayer: Linda Johnson

PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **11562**

Job No. 0-155

Date:
Oct. 21, 2011

Splits

Sample #	**Au Oz/ton**	**g/tonne**
07599	<.001	<.03
07600	<.001	<.03
07601	<.001	<.03
07602	<.001	<.03
07603	<.001	<.03
07604	<.001	<.03
07605	<.001	<.03
07606	<.001	<.03
07607	<.001	<.03
07608	0.052	1.783
07609	0.018	0.617
07610	<.001	<.03
07611	0.006	0.206
07612	<.001	<.03
07613	<.001	<.03
07614	<.001	<.03
07615	<.001	<.03
07616	0.028	0.960
07617	Pend	
07618	<.001	<.03
07619	0.002	0.069
07620	0.006	0.206

21 **Splits**
1 **Pend**

Std OxL78	0.176	6.034
Blank	<.001	<.03

Certified Assayer: Linda Johnson

PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **11563**

Job No. 0-155

Date:
Oct. 21, 2011

Splits

Sample #	**Au Oz/ton**	**g/tonne**
07621	<.001	<.03
07622	<.001	<.03
07623	<.001	<.03
07624	<.001	<.03
07625	<.001	<.03
07626	0.018	0.617
07627	<.001	<.03
07628	0.008	0.274
07629	0.002	0.069
07630	0.020	0.686
07631	<.001	<.03
07632	<.001	<.03
07633	0.164	5.623
07634	<.001	<.03
07635	<.001	<.03
07636	Pend	
07637	<.001	<.03
07638	<.001	<.03
07639	<.001	<.03
07640	<.001	<.03
07641	0.006	0.206

20 **Splits**
1 **Pend**

Std OxL78	0.176	6.034
Blank	<.001	<.03

Certified Assayer: Linda Johnson

PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **11564**

Job No. 0-155

Date:
Oct. 21, 2011

Splits

Sample #	**Au Oz/ton**	**g/tonne**
07642	0.006	0.206
07643	<.001	<.03
07644	<.001	<.03
07645	<.001	<.03
07646	<.001	<.03
07647	0.016	0.549
07648	<.001	<.03
07649	<.001	<.03
07650	0.002	0.069
07651	<.001	<.03
07925	Pend	
07926	Pend	
07927	0.024	0.823
07928	<.001	<.03
07929	<.001	<.03
07930	<.001	<.03
07931	<.001	<.03
07932	<.001	<.03
07933	<.001	<.03
07934	<.001	<.03
07935	<.001	<.03
07936	<.001	<.03

20 **Splits**
2 **Pend**

Std OxL78	0.176	6.034
Blank	<.001	<.03

Certified Assayer: Karla Johnson

PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **11565**

Job No. 0-155

Date:
Oct. 21, 2011

Splits

Sample #	**Au Oz/ton**	**g/tonne**
07937	<.001	<.03
07938	<.001	<.03
07939	0.006	0.206
07940	<.001	<.03
07941	<.001	<.03
07942	<.001	<.03
07943	<.001	<.03
07944	<.001	<.03
07945	<.001	<.03
07946	<.001	<.03
07947	<.001	<.03
07948	<.001	<.03
07949	<.001	<.03
07950	<.001	<.03
07951	<.001	<.03
07952	<.001	<.03
07652	<.001	<.03
07653	<.001	<.03
07654	0.018	0.617
07655	<.001	<.03
07656	0.004	0.137
07657	0.002	0.069

22 **Splits**

Std OxL78	0.176	6.034
Blank	<.001	<.03

Certified Assayer: Carla Johnson

PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **11566**

Job No. 0-155

Date:
Oct. 21, 2011

Splits

Sample #	**Au Oz/ton**	**g/tonne**
07658	0.050	1.714
07659	<.001	<.03
07660	<.001	<.03
07661	<.001	<.03
07662	<.001	<.03
07663	<.001	<.03
07664	<.001	<.03
07665	<.001	<.03
07666	<.001	<.03
07667	<.001	<.03
07668	<.001	<.03
07669	<.001	<.03
07670	<.001	<.03
07671	<.001	<.03
07672	<.001	<.03
07673	0.018	0.617
07674	<.001	<.03
07675	<.001	<.03
07676	<.001	<.03
07677	<.001	<.03
07678	<.001	<.03

21 **Splits**

Std OxL78	0.168	5.760
Blank	<.001	<.03

Certified Assayer: Carla Johnson

PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **11567**

Job No. 0-155

Date:
Oct. 21, 2011

Splits

Sample #	**Au Oz/ton**	**g/tonne**
07679	<.001	<.03
2522	Pend	
2523	0.008	0.274
2524	Pend	
2525	Pend	
2526	0.022	0.754
2527	Pend	
2528	Pend	
2529	Pend	
2530	Pend	
2531	Pend	
2532	Pend	
2533	Pend	
07680	<.001	<.03
07681	<.001	<.03
07682	<.001	<.03
07683	<.001	<.03
07684	0.010	0.343
07685	<.001	<.03
07686	<.001	<.03
07687	<.001	<.03
07688	0.002	0.069

12 **Splits**
10 **Pend**

Std OxL78	0.168	5.760
Blank	<.001	<.03

Certified Assayer: Linda Johnson

PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **11568**

Job No. 0-155

Date:
Oct. 24, 2011

Splits

Sample #	**Au Oz/ton**	**g/tonne**
07689	0.016	0.549
07690	Pend	
07691	Pend	
07692	<.001	<.03
07693	<.001	<.03
07694	<.001	<.03
07695	<.001	<.03
07696	<.001	<.03
07697	<.001	<.03
07698	<.001	<.03
07699	<.001	<.03
07700	0.164	5.623
07701	<.001	<.03
07702	<.001	<.03
07703	<.001	<.03
07704	<.001	<.03
07705	<.001	<.03
07706	<.001	<.03
07707	<.001	<.03
07708	<.001	<.03
07709	<.001	<.03

19 **Splits**
2 **Pend**

Std OxL78	0.176	6.034
Blank	<.001	<.03

Certified Assayer: Carla Johnson

PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **11569**

Job No. 0-155

Date:
Oct. 24, 2011

Splits

Sample #	**Au Oz/ton**	**g/tonne**
07710	<.001	<.03
07711	<.001	<.03
07712	<.001	<.03
07713	<.001	<.03
07714	0.002	0.069
07715	<.001	<.03
07716	<.001	<.03
07717	<.001	<.03
07718	<.001	<.03
07719	<.001	<.03
07720	<.001	<.03
07721	<.001	<.03
07722	<.001	<.03
07723	<.001	<.03
07724	<.001	<.03
07725	<.001	<.03
07726	<.001	<.03
07727	<.001	<.03
07728	<.001	<.03
07729	<.001	<.03
07730	<.001	<.03
07731	<.001	<.03

22 **Splits**

Std OxL78	0.168	5.760
Blank	<.001	<.03

Certified Assayer: Carla Johnson

PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **11570**

Job No. 0-155

Date:
Oct. 24, 2011

Splits

Sample #	**Au Oz/ton**	**g/tonne**
07732	<.001	<.03
07733	<.001	<.03
07734	0.050	1.714
07735	<.001	<.03
07736	<.001	<.03
07737	<.001	<.03
07738	<.001	<.03
07739	<.001	<.03
07740	<.001	<.03
07741	<.001	<.03
07742	Pend	
07743	<.001	<.03
07744	<.001	<.03
07745	<.001	<.03
07746	<.001	<.03
07747	<.001	<.03
07748	<.001	<.03
07749	<.001	<.03
07750	<.001	<.03
07751	<.001	<.03
07752	<.001	<.03
07753	<.001	<.03

21 **Splits**
1 **Pend**

Std OxL78	0.170	5.829
Blank	<.001	<.03

Certified Assayer: Carla Johnston

PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **11571**

Job No. 0-155

Date:
Oct. 24, 2011

Splits

Sample #	**Au Oz/ton**	**g/tonne**
07754	<.001	<.03
07755	<.001	<.03
07756	<.001	<.03
07757	0.168	5.760
07758	<.001	<.03
07759	<.001	<.03
07760	<.001	<.03
07761	0.006	0.206
07762	<.001	<.03
07763	0.052	1.783
07764	<.001	<.03
07765	<.001	<.03
07766	<.001	<.03
07767	<.001	<.03
07768	<.001	<.03
07769	<.001	<.03
07770	<.001	<.03
07771	<.001	<.03
07772	<.001	<.03
07773	<.001	<.03
07774	<.001	<.03

21 **Splits**

Std OxL78	0.170	5.829
Blank	<.001	<.03

Certified Assayer: Carla Johnson

PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **11572**

Job No. 0-155

Date:
Oct. 24, 2011

Splits

Sample #	**Au Oz/ton**	**g/tonne**
07775	<.001	<.03
07776	<.001	<.03
07777	<.001	<.03
07778	<.001	<.03
07779	<.001	<.03
07780	<.001	<.03
07781	<.001	<.03
07782	<.001	<.03
07783	<.001	<.03
07784	<.001	<.03
07785	0.012	0.411
07786	<.001	<.03
07787	<.001	<.03
07788	0.164	5.623
07789	<.001	<.03
07790	<.001	<.03
07953	<.001	<.03
07954	<.001	<.03
07955	<.001	<.03
07956	<.001	<.03
07957	<.001	<.03
07958	<.001	<.03

22 **Splits**

Std OxL78	0.178	6.103
Blank	<.001	<.03

Certified Assayer: Paula Johnson

PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **11573**

Job No. 0-155

Date:
Oct. 24, 2011

Splits

Sample #	**Au Oz/ton**	**g/tonne**
07959	0.174	5.966
07960	<.001	<.03
07961	<.001	<.03
07962	<.001	<.03
07963	<.001	<.03
07964	<.001	<.03
07965	<.001	<.03
07966	<.001	<.03
07967	<.001	<.03
07968	<.001	<.03
07969	<.001	<.03
07970	<.001	<.03
07971	<.001	<.03
07972	<.001	<.03
07973	<.001	<.03
07974	<.001	<.03
07975	<.001	<.03
07976	<.001	<.03
07977	<.001	<.03
07978	<.001	<.03
07979	<.001	<.03
07980	<.001	<.03
07981	<.001	<.03
07982	<.001	<.03
07983	<.001	<.03
07984	0.052	1.783
07985	<.001	<.03
07986	<.001	<.03

28 **Splits**

Std OxL78	0.178	6.103
Blank	<.001	<.03

Certified Assayer: Linda Johnson

PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **11574** Job No. 0-155

Date: Oct. 24, 2011

	Original		Check		3rd Cut	
Sample #	**Au Oz/ton**	**Au g/tonne**	**Au Oz/ton**	**Au g/tonne**	**Au Oz/ton**	**Au g/tonne**
07617	0.072	2.469	0.084	2.880		
07636	0.066	2.263	0.060	2.057		
07925	0.054	1.851	0.044	1.509		
07926	0.036	1.234	0.018	0.617		
2522	0.094	3.223	0.088	3.017		
2524	0.124	4.251	0.106	3.634		
2525	0.098	3.360	0.082	2.811		
2527	0.046	1.577	0.044	1.509		
2528	0.108	3.703	0.094	3.223		
2529	0.142	4.869	0.128	4.389		
2530	0.154	5.280	0.220	7.543		
2531	0.036	1.234	0.040	1.371		
2532	0.076	2.606	0.076	2.606		
2533	0.120	4.114	0.170	5.829		
07690	0.132	4.526	0.132	4.526		
07691	0.034	1.166	0.030	1.029		
07742	0.334	11.452	0.032	1.097	0.084	2.880

17 + 34
1 + 1

Certified Assayer: Linda Johnson

PolyMet Labs
A Division of Polymet Resources Ltd.

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Tel: (705) 679-5500 • Fax: (705) 679-5519
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Certificate of Analysis

Queenston Mining Inc.
(Lebel Project)

We certify that the assay results in the following Certificates are factual and true.

Certificate #'s 12555, 12556, 12557, 12558, 12559, 12560, 12561, 12562, 12563, 12564, 12565, 12566, & 12567

Certified by: _____
Chief Assayer

Certified by: _____
President/Manager

Date: January 25, 2012

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PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **12555**

Job No. 0-155

Date:
Jan. 25, 2012

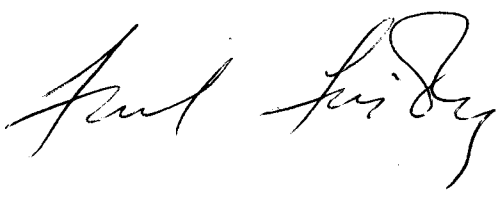
Splits

Sample #	**Au Oz/ton**	**Au g/tonne**
11690	<.001	<.03
11691	<.001	<.03
11692	0.170	5.829
11693	<.001	<.03
11694	<.001	<.03
11695	<.001	<.03
11696	<.001	<.03
11697	<.001	<.03
11698	<.001	<.03
11699	<.001	<.03
11700	<.001	<.03
11701	<.001	<.03
11702	<.001	<.03
11703	<.001	<.03

14 **Splits**

Std OxL 93	0.172	5.897
Blank	<.001	<.03

Certified Assayer:



PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **12556**

Job No. 0-155

Date:
Jan. 25, 2012

Splits

Sample #	**Au Oz/ton**	**Au g/tonne**
11704	<.001	<.03
11705	<.001	<.03
11706	<.001	<.03
11707	<.001	<.03
11708	Pend	
11709	<.001	<.03
11710	<.001	<.03
11711	<.001	<.03
11712	<.001	<.03
11713	<.001	<.03
11714	<.001	<.03
11715	<.001	<.03
11716	<.001	<.03
11717	0.170	5.829
11718	<.001	<.03
11719	<.001	<.03
11720	<.001	<.03
11721	<.001	<.03
11722	<.001	<.03
11723	<.001	<.03
11724	<.001	<.03
11725	<.001	<.03

21 **Splits**
1 **Pend**

Std OxL 93	0.172	5.897
Blank	<.001	<.03

Certified Assayer:

PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **12557**

Job No. 0-155

Date:
Jan. 25, 2012

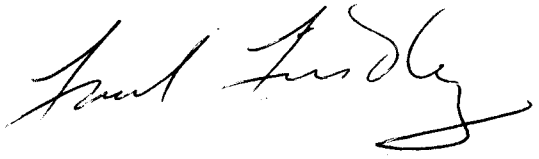
Splits

Sample #	**Au Oz/ton**	**Au g/tonne**
11726	<.001	<.03
11727	<.001	<.03
11728	<.001	<.03
11729	<.001	<.03
11730	<.001	<.03
11471	<.001	<.03
11472	<.001	<.03
11473	0.026	0.891
11474	<.001	<.03
11475	<.001	<.03
11476	Pend	
11477	0.018	0.617
11478	0.010	0.343
11479	Pend	
11480	0.026	0.891
11481	Pend	
11482	0.006	0.206
11483	<.001	<.03
11484	<.001	<.03
11485	0.010	0.343
11486	<.001	<.03
11487	0.006	0.206

19 **Splits**
3 **Pend**

Std OxL 93	0.172	5.897
Blank	<.001	<.03

Certified Assayer:



PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **12558**

Job No. 0-155

Date:
Jan. 25, 2012

Splits

Sample #	**Au Oz/ton**	**Au g/tonne**
11488	0.028	0.960
11489	<.001	<.03
11490	0.004	0.137
12486	<.001	<.03
12487	0.002	0.069
12488	<.001	<.03
12489	<.001	<.03
12490	<.001	<.03
12491	<.001	<.03
12492	<.001	<.03
12493	<.001	<.03
12494	<.001	<.03
12495	<.001	<.03
12496	<.001	<.03
12497	<.001	<.03
12498	<.001	<.03
11491	0.010	0.343
11492	0.022	0.754
11493	0.008	0.274
11494	0.164	5.623
11495	0.018	0.617
11496	0.006	0.206

22 **Splits**

Std OxL 93	0.170	5.829
Blank	<.001	<.03

Certified Assayer:

PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **12559**

Job No. 0-155

Date:
Jan. 25, 2012

Splits

Sample #	**Au Oz/ton**	**Au g/tonne**
11497	0.002	0.069
11498	0.022	0.754
11499	Pend	
11500	<.001	<.03
11001	0.014	0.480
11002	0.004	0.137
11003	0.006	0.206
11004	0.004	0.137
11005	0.004	0.137
11006	0.006	0.206
11007	0.008	0.274
11008	Pend	
11009	0.012	0.411
11010	Pend	
11011	<.001	<.03
11012	0.012	0.411
11013	0.006	0.206
11014	0.014	0.480
11015	<.001	<.03
11016	0.010	0.343
11017	0.004	0.137
11018	<.001	<.03

19 **Splits**
3 **Pend**

Std OxL 93	0.170	5.829
Blank	<.001	<.03

Certified Assayer:

PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **12560**

Job No. 0-155

Date:
Jan. 25, 2012

Splits

Sample #	**Au Oz/ton**	**Au g/tonne**
11019	0.052	1.783
11020	0.002	0.069
11021	<.001	<.03
11022	0.004	0.137
11023	<.001	<.03
11024	<.001	<.03
11025	<.001	<.03
11026	0.008	0.274
11027	0.008	0.274
11028	0.028	0.960
11029	0.012	0.411
11030	0.006	0.206
11031	<.001	<.03
11032	<.001	<.03
11033	<.001	<.03
11034	0.028	0.960
11035	Pend	
11036	Pend	
11037	0.002	0.069
11038	0.004	0.137
11039	0.002	0.069

19 **Splits**
2 **Pend**

Std OxL 93	0.174	5.966
Blank	<.001	<.03

Certified Assayer:

PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **12561**

Job No. 0-155

Date:
Jan. 25, 2012

Splits

Sample #	**Au Oz/ton**	**Au g/tonne**
11040	0.002	0.069
11041	0.002	0.069
11042	0.008	0.274
11043	0.002	0.069
11044	0.168	5.760
11045	<.001	<.03
11046	<.001	<.03
11047	0.004	0.137
11048	<.001	<.03
11049	<.001	<.03
11050	0.004	0.137
11051	0.010	0.343
11052	0.004	0.137
11053	<.001	<.03
11054	0.002	0.069
11055	0.002	0.069
11056	0.004	0.137
11057	<.001	<.03
11058	<.001	<.03
11059	0.006	0.206
11060	Pend	
11061	<.001	<.03

21 **Splits**
1 **Pend**

Std OxL 93	0.174	5.966
Blank	<.001	<.03

Certified Assayer:



PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **12562**

Job No. 0-155

Date:
Jan. 25, 2012

Splits

Sample #	**Au Oz/ton**	**Au g/tonne**
11062	<.001	<.03
13313	<.001	<.03
13314	<.001	<.03
13315	<.001	<.03
13316	0.020	0.686
13317	0.008	0.274
13318	0.010	0.343
13319	0.022	0.754
13320	<.001	<.03
13321	<.001	<.03
13322	<.001	<.03
13323	<.001	<.03
13324	0.008	0.274
13325	Pend	
13326	0.170	5.829
13327	<.001	<.03
13328	<.001	<.03
13329	0.004	0.137
13330	0.012	0.411
13331	<.001	<.03
13332	Pend	
13333	<.001	<.03

20 **Splits**
2 **Pend**

Std OxL 93	0.172	5.897
Blank	<.001	<.03

Certified Assayer:

PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **12563**

Job No. 0-155

Date:
Jan. 25, 2012

Splits

Sample #	**Au Oz/ton**	**Au g/tonne**
13334	Pend	
13335	<.001	<.03
13336	<.001	<.03
13337	<.001	<.03
13338	Pend	
13339	0.002	0.069
13340	<.001	<.03
13341	<.001	<.03
13342	<.001	<.03
13343	<.001	<.03
13344	0.002	0.069
13345	0.004	0.137
13346	<.001	<.03
13347	<.001	<.03
13348	0.008	0.274
13349	<.001	<.03
13350	0.054	1.851
13351	<.001	<.03
13352	<.001	<.03
13353	<.001	<.03
13354	0.022	0.754
13355	<.001	<.03

20 **Splits**
2 **Pend**

Std OxL 93	0.172	5.897
Blank	<.001	<.03

Certified Assayer:

PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **12564**

Job No. 0-155

Date:
Jan. 25, 2012

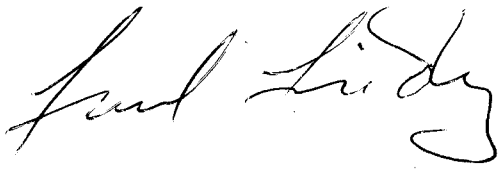
Splits

Sample #	**Au Oz/ton**	**Au g/tonne**
13356	0.006	0.206
13357	<.001	<.03
13358	<.001	<.03
13359	<.001	<.03
13360	<.001	<.03
13361	<.001	<.03
13362	<.001	<.03
13363	<.001	<.03
13364	<.001	<.03
13365	<.001	<.03
13366	<.001	<.03
13367	<.001	<.03
13368	<.001	<.03
13369	<.001	<.03
13370	<.001	<.03
13371	<.001	<.03
13372	<.001	<.03
13373	<.001	<.03
13374	<.001	<.03
13375	0.174	5.966
13376	<.001	<.03
13377	<.001	<.03

22 **Splits**

Std OxL 93	0.176	6.034
Blank	<.001	<.03

Certified Assayer:



PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **12565**

Job No. 0-155

Date:
Jan. 25, 2012

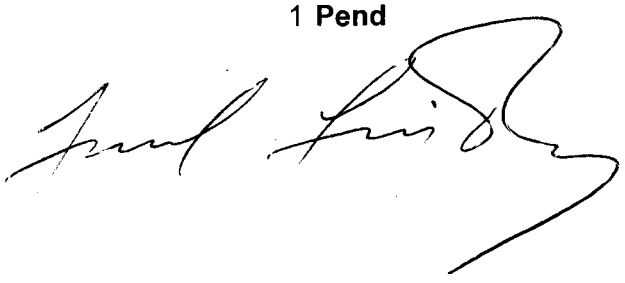
Splits

Sample #	**Au Oz/ton**	**Au g/tonne**
13378	<.001	<.03
13379	<.001	<.03
13380	<.001	<.03
13381	<.001	<.03
13382	<.001	<.03
13383	<.001	<.03
13384	<.001	<.03
13385	0.014	0.480
13386	<.001	<.03
13387	<.001	<.03
13388	0.018	0.617
13389	<.001	<.03
13390	0.020	0.686
13391	Pend	
13392	0.008	0.274
13393	<.001	<.03
13394	0.002	0.069
13395	<.001	<.03
13396	<.001	<.03
13397	0.002	0.069
13398	0.002	0.069
13399	0.018	0.617

21 **Splits**
1 **Pend**

Std OxL 93	0.176	6.034
Blank	<.001	<.03

Certified Assayer:



PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **12566**

Job No. 0-155

Date:
Jan. 25, 2012

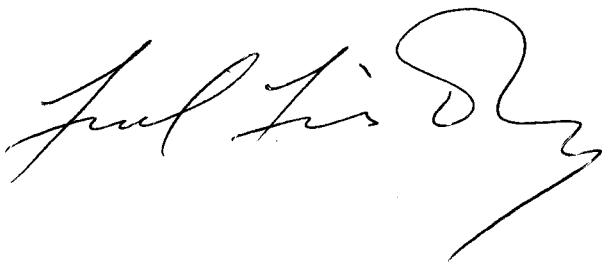
Splits

Sample #	**Au Oz/ton**	**Au g/tonne**
13400	0.050	1.714
13401	<.001	<.03
13402	<.001	<.03
13403	<.001	<.03
13404	<.001	<.03
13405	<.001	<.03
13406	<.001	<.03
13407	<.001	<.03
13408	<.001	<.03
13409	<.001	<.03
13410	<.001	<.03
13411	0.002	0.069
13412	<.001	<.03
13413	<.001	<.03
13414	<.001	<.03
13415	<.001	<.03
13416	<.001	<.03
13417	0.026	0.891
13418	<.001	<.03
13419	<.001	<.03
13420	<.001	<.03
13421	<.001	<.03
13422	<.001	<.03
13423	<.001	<.03
13424	<.001	<.03
13425	0.166	5.691
13426	<.001	<.03

27 **Splits**

Std OxL 93	0.172	5.897
Blank	<.001	<.03

Certified Assayer:



PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **12567**

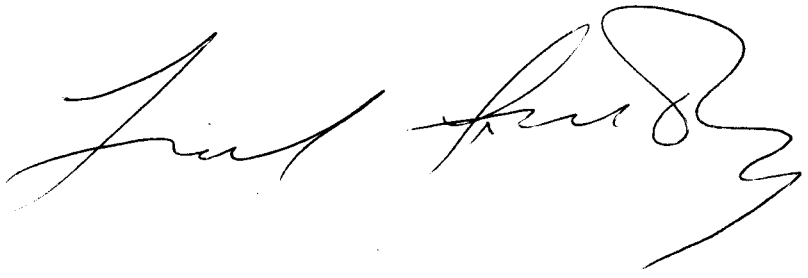
Job No. 0-155

Date:
Jan. 25, 2012

	Original		Check	
Sample #	**Au Oz/ton**	**Au g/tonne**	**Au Oz/ton**	**Au g/tonne**
11708	0.044	1.509	0.076	2.606
11476	0.076	2.606	0.064	2.194
11479	0.156	5.349	0.148	5.074
11481	0.250	8.572	0.248	8.503
11499	0.106	3.634	0.094	3.223
11008	0.054	1.851	0.046	1.577
11010	0.046	1.577	0.038	1.303
11035	0.310	10.629	0.300	10.286
11036	0.302	10.354	0.392	13.440
11060	0.070	2.400	0.056	1.920
13325	0.130	4.457	0.134	4.594
13332	0.124	4.251	0.114	3.909
13334	0.050	1.714	0.048	1.646
13338	0.060	2.057	0.060	2.057
13391	0.056	1.920	0.054	1.851

15 + 30

Certified Assayer:



PolyMet Labs
A Division of Polymet Resources Inc.

1 Presley St. P.O. Box 699. Cobalt. Ontario. Canada P0J 1C0
Tel: (705) 679-5500 • Fax: (705) 679-5519
Email: info@polymetinc.com Website: www.polymetinc.com

Certificate of Analysis

Queenston Mining Inc.
(Lebel Project)

We certify that the assay results in the following Certificates are factual and true.

Certificate #'s 10331, 10332, 10333, 10334, & 10335

Certified by: _____
Chief Assayer

Certified by: _____
President/Manager

Date: June 7, 2011

Disclaimer: The results included on this report relate only to the items tested. The Certificate of Analysis should not be reproduced except in full, without the written approval of the laboratory.

PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **10331**

Job No. 0-155

Date:
June 7, 2011

Splits

Sample #	**Au Oz/ton**	**g/tonne**
3769	Pend	
3770	Pend	
3771	<.001	<.03
3772	0.014	0.480
3773	<.001	<.03
3774	<.001	<.03
3775	0.002	0.069
3776	<.001	<.03
3777	<.001	<.03
3778	0.006	0.206
3779	<.001	<.03
3780	0.002	0.069
3781	<.001	<.03
3782	<.001	<.03
3783	0.002	0.069
3784	0.006	0.206
3785	<.001	<.03
3786	<.001	<.03
3787	<.001	<.03
3788	<.001	<.03
3789	<.001	<.03
3790	0.002	0.069

20 **Splits**
2 **Pend**

Std OxL78	0.178	6.103
Blank	<.001	<.03

Certified Assayer: Earla Johnson

PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **10332**

Job No. 0-155

Date:
June 7, 2011

Splits

Sample #	**Au Oz/ton**	**g/tonne**
3791	<.001	<.03
3792	0.014	0.480
3793	0.006	0.206
3794	<.001	<.03
3795	<.001	<.03
3796	<.001	<.03
3797	<.001	<.03
3798	0.160	5.486
3799	<.001	<.03
3800	0.002	0.069
3801	0.002	0.069
3802	<.001	<.03
3803	<.001	<.03
3804	0.002	0.069
3805	0.004	0.137
3806	0.006	0.206
3807	0.008	0.274
3808	<.001	<.03
3809	<.001	<.03
3810	0.002	0.069
3811	0.010	0.343

21 **Splits**

Std OxL78	0.178	6.103
Blank	<.001	<.03

Certified Assayer: Carla Johnson

PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **10333**

Job No. 0-155

Date:
June 7, 2011

Splits

Sample #	**Au Oz/ton**	**g/tonne**
3812	0.012	0.411
3813	0.004	0.137
3814	0.010	0.343
3815	0.002	0.069
3816	<.001	<.03
3817	0.028	0.960
3818	0.004	0.137
3819	<.001	<.03
3820	<.001	<.03
3821	<.001	<.03
3822	<.001	<.03
3823	0.008	0.274
3824	0.022	0.754
3825	0.010	0.343
3826	0.004	0.137
3827	<.001	<.03
3828	0.006	0.206
3829	0.004	0.137
3830	0.004	0.137
3831	0.008	0.274
3832	0.008	0.274
3833	0.016	0.549

22 **Splits**

Std OxL78	0.172	5.897
Blank	<.001	<.03

Certified Assayer: Carla Johnson

PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **10334**

Job No. 0-155

Date:
June 7, 2011

Splits

Sample #	**Au Oz/ton**	**g/tonne**
3834	<.001	<.03
3835	0.046	1.577
3836	<.001	<.03
3837	<.001	<.03
3838	<.001	<.03
3839	<.001	<.03
3840	<.001	<.03
3841	<.001	<.03
3842	<.001	<.03
3843	0.004	0.137
3844	0.012	0.411

11 **Splits**

Std OxL78	0.172	5.897
Blank	<.001	<.03

Certified Assayer: Carla Johnson

PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **10335** Job No. 0-155

Date: June 7, 2011

	Original		Check	
Sample #	**Au Oz/ton**	**g/tonne**	**Au Oz/ton**	**g/tonne**
3769	0.228	7.817	0.222	7.611
3770	0.044	1.509	0.044	1.509

2 + 4

Certified Assayer: Carla Johnson

PolyMet Labs
A Division of Polymet Resources Ltd.

1 Presley St, P.O. Box 699, Cobalt, Ontario, Canada P0J 1C0
Tel: (705) 679-5500 • Fax: (705) 679-5519
Email: info@polymetinc.com Website: www.polymetinc.com

Certificate of Analysis

Queenston Mining Inc.
(Lebel Project)

We certify that the assay results in the following Certificates are factual and true.

Certificate #'s 11767, 11768, 11770, 11771, 11772, 11773, 11774, & 11775

Certified by: _____
Assayer

Certified by: _____
President/Manager

Date: November 11, 2011

Disclaimer: The results included on this report relate only to the items tested. The Certificate of Analysis should not be reproduced except in full, without the written approval of the laboratory.

PolyMet Laboratories

Client: Queenston (Lebel Project)
Job No. 0-155

CERTIFICATE **11767**

Date:
Nov. 11, 2011

Splits

Sample #	**Au Oz/ton**	**g/tonne**
08728	0.008	0.274
08729	0.004	0.137
08730	<.001	<.03
08731	0.006	0.206
08732	<.001	<.03
08733	<.001	<.03
08734	<.001	<.03
08735	<.001	<.03
08736	<.001	<.03
08737	<.001	<.03
08738	<.001	<.03
08739	<.001	<.03
08740	<.001	<.03
08741	<.001	<.03
08742	<.001	<.03
08743	<.001	<.03
08744	<.001	<.03
08745	<.001	<.03
08746	<.001	<.03
08747	<.001	<.03

20 **Splits**

Std OxL 93	0.176	6.034
Blank	<.001	<.03

Certified Assayer: Carla Johnson

PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **11768**

Job No. 0-155

Date:
Nov. 11, 2011

Splits

Sample #	**Au Oz/ton**	**g/tonne**
08748	<.001	<.03
08749	0.165	5.657
08750	<.001	<.03
08751	<.001	<.03
08752	<.001	<.03
08753	<.001	<.03
08754	<.001	<.03
08755	<.001	<.03
08756	<.001	<.03
08757	<.001	<.03
08758	<.001	<.03
08759	<.001	<.03
08760	<.001	<.03
08761	<.001	<.03
08762	0.018	0.617
08763	<.001	<.03
08764	<.001	<.03
08765	<.001	<.03
08766	<.001	<.03
08767	<.001	<.03
08768	<.001	<.03
08769	<.001	<.03

22 **Splits**

Std OxL 93	0.176	6.034
Blank	<.001	<.03

Certified Assayer: Paula Johnson

PolyMet Laboratories

Client: Queenston (Lebel Project)
Job No. 0-155

CERTIFICATE **11770**

Date:
Nov. 11, 2011

Splits

Sample #	Au Oz/ton	g/tonne
08770	<.001	<.03
08771	<.001	<.03
08772	<.001	<.03
08773	<.001	<.03
08774	<.001	<.03
08775	0.050	1.714
08776	<.001	<.03
08777	<.001	<.03
08778	<.001	<.03
08779	<.001	<.03
08780	<.001	<.03
08781	<.001	<.03
08782	<.001	<.03
08783	<.001	<.03
08784	<.001	<.03
08785	<.001	<.03
08786	<.001	<.03
08787	<.001	<.03
08788	<.001	<.03
08789	<.001	<.03
08790	<.001	<.03

21 **Splits**

Std OxL 93	0.174	5.966
Blank	<.001	<.03

Certified Assayer: Carla Johnson

PolyMet Laboratories

Client: Queenston (Lebel Project)
Job No. 0-155

CERTIFICATE **11771**

Date:
Nov. 11, 2011

Splits

Sample #	Au Oz/ton	g/tonne
08791	<.001	<.03
08792	<.001	<.03
08793	<.001	<.03
08794	<.001	<.03
08795	<.001	<.03
08796	<.001	<.03
08797	<.001	<.03
08798	<.001	<.03
08799	<.001	<.03
08800	<.001	<.03
08801	0.166	5.691
08802	<.001	<.03
08803	<.001	<.03
08804	<.001	<.03
08805	<.001	<.03
08806	<.001	<.03
08807	<.001	<.03
08808	<.001	<.03
08809	<.001	<.03
08810	<.001	<.03
08811	<.001	<.03
08812	0.002	0.069

22 **Splits**

Std OxL 93	0.174	5.966
Blank	<.001	<.03

Certified Assayer: Paula Johnson

PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **11772**

Job No. 0-155

Date:
Nov. 11, 2011

Splits

Sample #	**Au Oz/ton**	**g/tonne**
08813	0.024	0.823
08814	0.022	0.754
08815	<.001	<.03
08816	0.002	0.069
08817	0.052	1.783
08818	<.001	<.03
08819	<.001	<.03
08820	0.002	0.069
08821	<.001	<.03
08822	<.001	<.03
08823	<.001	<.03
08824	<.001	<.03
08825	<.001	<.03
08826	<.001	<.03
08827	<.001	<.03
08828	<.001	<.03
08829	0.008	0.274
08830	0.002	0.069
08831	<.001	<.03
08832	<.001	<.03
08833	0.164	5.623
08834	<.001	<.03

22 **Splits**

Std OxL 93	0.176	6.034
Blank	<.001	<.03

Certified Assayer: Carla Johnson

PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **11773**

Job No. 0-155

Date:
Nov. 11, 2011

Splits

Sample #	**Au Oz/ton**	**g/tonne**
08835	<.001	<.03
08836	<.001	<.03
08837	<.001	<.03
08838	0.026	0.891
08839	<.001	<.03
08840	0.002	0.069
08841	<.001	<.03
08842	<.001	<.03
08843	<.001	<.03
08844	<.001	<.03
08845	<.001	<.03
08846	<.001	<.03
08847	<.001	<.03
08848	<.001	<.03
08849	<.001	<.03
08850	<.001	<.03
08851	<.001	<.03
08852	<.001	<.03
08853	<.001	<.03
08854	<.001	<.03
08855	<.001	<.03

21 **Splits**

Std OxL 93	0.176	6.034
Blank	<.001	<.03

Certified Assayer: Carla Johnson

PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **11774**

Job No. 0-155

Date:
Nov. 11, 2011

Splits

Sample #	**Au Oz/ton**	**g/tonne**
08856	<.001	<.03
08857	<.001	<.03
08858	0.052	1.783
08859	<.001	<.03
08860	<.001	<.03
08861	<.001	<.03
08862	<.001	<.03
08863	<.001	<.03
08864	<.001	<.03
08865	<.001	<.03
08866	<.001	<.03
08867	<.001	<.03
08868	<.001	<.03
08869	<.001	<.03
09115	0.014	0.480
09116	<.001	<.03
09117	<.001	<.03
09118	0.002	0.069
09119	<.001	<.03
09120	<.001	<.03
09121	<.001	<.03
09122	0.166	5.691

22 **Splits**

Std OxL 93	0.174	5.966
Blank	<.001	<.03

Certified Assayer: Carla Johnson

PolyMet Laboratories

Client: Queenston (Lebel Project)
Job No. 0-155

CERTIFICATE **11775**

Date:
Nov. 11, 2011

Splits

Sample #	Au Oz/ton	g/tonne
09123	<.001	<.03
09124	0.002	0.069
09125	<.001	<.03
09126	<.001	<.03
09127	<.001	<.03
09128	<.001	<.03
09129	<.001	<.03
09130	<.001	<.03
09131	<.001	<.03
09132	<.001	<.03
09133	0.004	0.137
09134	0.004	0.137
09135	<.001	<.03
09136	<.001	<.03
09137	<.001	<.03
09138	<.001	<.03
09139	<.001	<.03
09140	<.001	<.03
09141	<.001	<.03
09142	<.001	<.03
09143	<.001	<.03

21 **Splits**

Std OxL 93	0.176	6.034
Blank	<.001	<.03

Certified Assayer: Carla Johnson

PolyMet Labs
A Division of Polymet Resources Ltd.

1 Presley St, P.O. Box 699, Cobalt, Ontario, Canada P0J 1C0
Tel: (705) 679-5500 • Fax: (705) 679-5519
Email: info@polymetinc.com Website: www.polymetinc.com

Certificate of Analysis

Queenston Mining Inc.
(Lebel Project)

We certify that the assay results in the following Certificates are factual and true.

Certificate #'s 10037, 10038, 10039, 10040, 10041, 10042, 10043, 10044, & 10045

Certified by: _____
Chief Assayer

Certified by: _____
President/Manager

Date: May 5, 2011

Disclaimer: The results included on this report relate only to the items tested. The Certificate of Analysis should not be reproduced except in full, without the written approval of the laboratory.

PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **10040**

Job No. 0-155

Date:
May 5, 2011

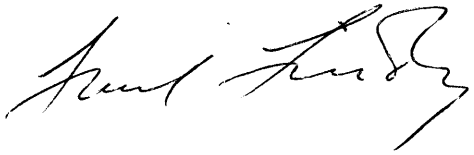
Splits

Sample #	**Au Oz/ton**	**g/tonne**
2321	<.001	<.03
2322	<.001	<.03
2323	<.001	<.03
2324	<.001	<.03
2325	<.001	<.03
2326	<.001	<.03
2327	<.001	<.03
2328	<.001	<.03
2329	<.001	<.03
2330	<.001	<.03
2331	<.001	<.03
2332	<.001	<.03
2333	<.001	<.03
2334	0.051	1.749
2335	0.002	0.069
2336	0.002	0.069
30323	0.006	0.206
30324	0.008	0.274
30325	0.050	1.714
30326	0.008	0.274
30327	Pend	

20 **Splits**
1 **Pend**

Std OxL78	0.178	6.103
Blank	<.001	<.03

Certified Assayer:



PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **10041**

Job No. 0-155

Date:
May 5, 2011

Splits

Sample #	**Au Oz/ton**	**g/tonne**
30328	0.012	0.411
30329	Pend	
30330	Pend	
30331	<.001	<.03
30332	0.024	0.823
30333	Pend	
30334	Pend	
30335	Pend	
30336	0.016	0.549
30337	<.001	<.03
30338	0.004	0.137
30339	<.001	<.03
30340	0.006	0.206
30341	0.004	0.137
30342	0.004	0.137
54865	0.016	0.549
54866	0.012	0.411
54867	0.006	0.206
54868	0.008	0.274
54869	<.001	<.03
54870	<.001	<.03
30343	0.012	0.411

17 **Splits**
5 **Pend**

Std OxL78	0.178	6.103
Blank	<.001	<.03

Certified Assayer:

PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **10042**

Job No. 0-155

Date:
May 5, 2011

Splits

Sample #	**Au Oz/ton**	**g/tonne**
30344	0.006	0.206
30345	<.001	<.03
30346	<.001	<.03
30347	0.002	0.069
30348	<.001	<.03
30349	<.001	<.03
30350	0.002	0.069
0101	<.001	<.03
0102	<.001	<.03
0103	0.002	0.069
0104	0.166	5.691
0105	Pend	
0106	<.001	<.03
0107	Pend	
0108	<.001	<.03
0109	<.001	<.03
0110	<.001	<.03
0111	<.001	<.03
0112	<.001	<.03
0113	Pend	
0114	<.001	<.03

18 **Splits**
3 **Pend**

Std OxL78	0.178	6.103
Blank	<.001	<.03

Certified Assayer: Carla Johnson

PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **10043**

Job No. 0-155

Date:
May 5, 2011

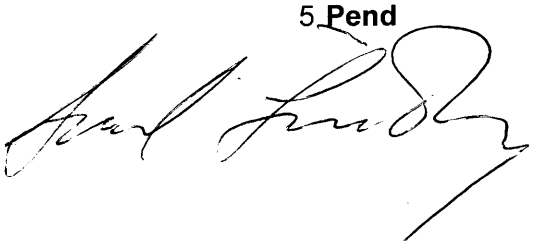
Splits

Sample #	**Au Oz/ton**	**g/tonne**
0115	Pend	
0116	<.001	<.03
0117	0.026	0.891
0118	<.001	<.03
0119	0.014	0.480
0120	0.026	0.891
0121	Pend	
0122	<.001	<.03
0123	0.050	1.714
0124	0.002	0.069
0125	0.006	0.206
0126	0.006	0.206
0127	Pend	
0128	0.004	0.137
0129	0.004	0.137
0130	Pend	
0131	0.010	0.343
0132	Pend	
0133	<.001	<.03
0134	0.016	0.549
0135	<.001	<.03
0136	<.001	<.03

17 **Splits**
5 **Pend**

Std OxL78	0.176	6.034
Blank	<.001	<.03

Certified Assayer:



PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **10044**

Job No. 0-155

Date:
May 5, 2011

Splits

Sample #	**Au Oz/ton**	**g/tonne**
0137	0.002	0.069
0138	Pend	
0139	<.001	<.03
0140	<.001	<.03

Std OxL78	0.174	5.966
Blank	<.001	<.03

3 **Splits**
1 **Pend**

Certified Assayer:

PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **10045** Job No. 0-155

Date: May 5, 2011

	Original		Check	
Sample #	**Au Oz/ton**	**g/tonne**	**Au Oz/ton**	**g/tonne**
30327	0.060	2.057	0.042	1.440
30329	0.086	2.949	0.098	3.360
30330	0.048	1.646	0.046	1.577
30333	0.074	2.537	0.068	2.331
30334	0.070	2.400	0.064	2.194
30335	0.048	1.646	0.048	1.646
0105	0.064	2.194	0.070	2.400
0107	0.110	3.771	0.130	4.457
0113	0.064	2.194	0.082	2.811
0115	0.046	1.577	0.036	1.234
0121	0.048	1.646	0.070	2.400
0127	0.048	1.646	0.052	1.783
0130	0.032	1.097	0.044	1.509
0132	0.124	4.251	0.122	4.183
0138	0.166	5.691	0.164	5.623

15 + 30

Certified Assayer:

PolyMet Labs
A Division of Polymet Resources Ltd.

1 Presley St, P.O. Box 699, Cobalt, Ontario, Canada P0J 1C0
Tel: (705) 679-5500 • Fax: (705) 679-5519
Email: info@polymetinc.com Website: www.polymetinc.com

Certificate of Analysis

Queenston Mining Inc.
(Vault Division)

We certify that the assay results in the following Certificates are factual and true.

Certificate #'s 9505, 9506, 9507, 9508, 9509, 9510, 9511, & 9512

Certified by: _____
Chief Assayer

Certified by: _____
President/Manager

Date: Feb. 4, 2011

Disclaimer: The results included on this report relate only to the items tested. The Certificate of Analysis should not be reproduced except in full, without the written approval of the laboratory.

PolyMet Laboratories

Client: Queenston (Vault Div.)

CERTIFICATE 9511

Job No. 0-155

Date:
Feb. 4, 2011

Splits

Sample #	**Au Oz/ton**	**g/tonne**
34687	Pend	
34688	Pend	
34689	0.014	0.480
34690	<.001	<.03
34691	<.001	<.03
52921	<.001	<.03
52922	<.001	<.03
52923	<.001	<.03
52924	<.001	<.03
52925	0.167	5.726
52926	<.001	<.03
52927	<.001	<.03

10 **Splits**
2 **Pend**

Std OxN 77	0.236	8.091
Blank	<.001	<.03

Certified Assayer: Brenda Johnson

Swastika Laboratories Ltd

Established 1928

Assaying - Consulting - Representation

Assay Certificate

Certificate Number: 11-2361

Company: **Queenston Mining Inc.**

Project: Lebel

Report Date: 07-Jul-11

Attn: Dan McCormack

We hereby certify the following Assay of 25 pulp samples submitted 14-Jun-11 by Dan McCormack

Sample Number	Au FA-AAS ppb	Au Chk FA-AAS ppb	Au FA-AAS g/Mt	Au Chk FA-AAS g/Mt	Au FA-GRAV ppb	Au FA-GRAV g/Mt	Au Chk FA-GRAV ppb	Au Chk FA-GRAV g/Mt
0199	3651		3.65					3.57
0177	3547		3.55					3.56
0256					12491	12.49		12.69
0308	3872		3.87					3.77
0312	1391		1.39					1.13
0322	2943		2.94					2.77
0327					7534	7.53		7.14
0329					5417	5.42		5.20
2355					2057	2.06		2.06
0201	1549	1604	1.55	1.60				
Blank Value	5		< 0.01					
SH41	1350		1.35					
0553	106	88	0.11	0.09				
2003					4595	4.60		4.66
0138					5213	5.21		5.62
2373	642		0.64					
2450	2511		2.51					2.33
2458	227		0.23					
2498	894		0.89				858	0.86
0592	39		0.04					
2427	2677		2.68					2.61
0571	91	95	0.09	0.10				
0580	78		0.08					
0594	92		0.09					
0262	4666		4.67					4.56
0559	58		0.06					
0107					4318	4.32		4.42

Certified by Jing Lin

Jing Lin, M Sc.

1 Cameron Ave., P.O. Box 10, Swastika, Ontario P0K 1T0
Telephone (705) 642-3244 Fax (705) 642-3300

PolyMet Labs
A Division of Polymet Resources Inc.

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Tel: (705) 679-5500 • Fax: (705) 679-5519
Email: info@polymetinc.com Website: www.polymetinc.com

Certificate of Analysis

Queenston Mining Inc.
(Lebel Project)

We certify that the assay results in the following Certificates are factual and true.

Certificate #'s 10313, 10314, 10315, 10316, 10317, 10318, & 10319

Certified by: _____
Chief Assayer

Certified by: _____
President/Manager

Date: June 6, 2011

Disclaimer: The results included on this report relate only to the items tested. The Certificate of Analysis should not be reproduced except in full, without the written approval of the laboratory.

PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **10313**

Job No. 0-155

Date:
June 6, 2011

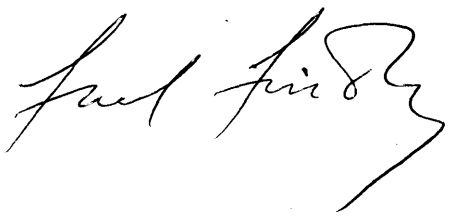
Splits

Sample #	**Au Oz/ton**	**g/tonne**
0612	0.016	0.549
0613	0.004	0.137
0614	0.049	1.680
0615	0.010	0.343
0616	<.001	<.03
0617	<.001	<.03
0618	0.002	0.069
0619	0.022	0.754
0620	0.002	0.069
0621	0.008	0.274
0622	0.028	0.960
0623	<.001	<.03
0624	0.018	0.617
0625	0.012	0.411
0626	0.008	0.274
0627	0.012	0.411
0628	0.010	0.343
0629	0.024	0.823
0630	0.008	0.274
0631	<.001	<.03
0632	0.010	0.343

21 **Splits**

Std OxL78	0.170	5.829
Blank	<.001	<.03

Certified Assayer:



PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **10314**

Job No. 0-155

Date:
June 6, 2011

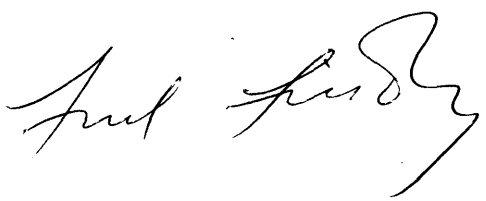
Splits

Sample #	**Au Oz/ton**	**g/tonne**
0633	<.001	<.03
0634	<.001	<.03
0635	Pend	
0636	<.001	<.03
0637	Pend	
0638	Pend	
0639	Pend	
0640	<.001	<.03
0641	0.020	0.686
0642	0.012	0.411
0643	0.140	4.800
0644	<.001	<.03
0645	Pend	
0646	<.001	<.03
0647	<.001	<.03
0648	0.002	0.069
0649	<.001	<.03
0650	<.001	<.03
0651	<.001	<.03
0652	<.001	<.03
0653	<.001	<.03
0654	<.001	<.03

17 **Splits**
5 **Pend**

Std OxL78	0.170	5.829
Blank	<.001	<.03

Certified Assayer:



PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **10315**

Job No. 0-155

Date:
June 6, 2011

Splits

Sample #	**Au Oz/ton**	**g/tonne**
0655	<.001	<.03
0656	0.004	0.137
0657	<.001	<.03
0658	<.001	<.03
0659	<.001	<.03
0660	0.008	0.274
0661	<.001	<.03
0662	<.001	<.03
0663	<.001	<.03
0664	<.001	<.03
0665	0.018	0.617
0666	Pend	
0667	0.155	5.314
0668	0.024	0.823
0669	Pend	
0670	<.001	<.03
0671	0.026	0.891
0672	0.028	0.960
0673	Pend	
0674	0.006	0.206
0675	0.008	0.274

18 **Splits**
3 **Pend**

Std OxL78	0.176	6.034
Blank	<.001	<.03

Certified Assayer:

PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **10316**

Job No. 0-155

Date:
June 6, 2011

Splits

Sample #	**Au Oz/ton**	**g/tonne**
0676	<.001	<.03
0677	0.008	0.274
0678	0.014	0.480
0679	Pend	
0680	0.022	0.754
0681	<.001	<.03
0682	Pend	
0683	Pend	
0684	<.001	<.03
0685	Pend	
0686	Pend	
0687	Pend	
0688	0.022	0.754
0689	0.026	0.891
0690	<.001	<.03
0691	0.053	1.817
0692	<.001	<.03
0693	<.001	<.03
0694	<.001	<.03
0695	<.001	<.03
0696	<.001	<.03
0697	0.004	0.137

16 **Splits**
6 **Pend**

Std OxL78	0.176	6.034
Blank	<.001	<.03

Certified Assayer:



PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **10317**

Job No. 0-155

Date:
June 6, 2011

Splits

Sample #	**Au Oz/ton**	**g/tonne**
0698	<.001	<.03
0699	0.004	0.137
0700	<.001	<.03
0701	0.028	0.960
0702	<.001	<.03
0703	<.001	<.03
0704	<.001	<.03
0705	Pend	
0706	<.001	<.03
0707	<.001	<.03
0708	<.001	<.03
0709	<.001	<.03
3613	0.008	0.274
3614	<.001	<.03
3615	<.001	<.03
3616	<.001	<.03
3617	<.001	<.03
3618	<.001	<.03
3619	<.001	<.03
3620	<.001	<.03
3621	<.001	<.03
3622	<.001	<.03

21 **Splits**
1 **Pend**

Std OxL78	0.172	5.897
Blank	<.001	<.03

Certified Assayer:



PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **10318**

Job No. 0-155

Date:
June 6, 2011

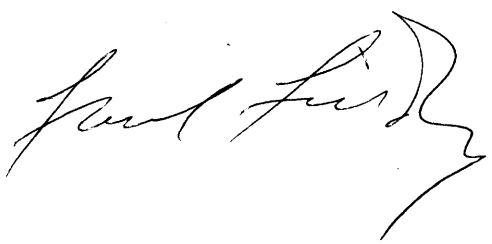
Splits

Sample #	**Au Oz/ton**	**g/tonne**
3623	0.012	0.411
3624	<.001	<.03
3625	<.001	<.03
3626	<.001	<.03
3627	<.001	<.03
3628	<.001	<.03
3629	<.001	<.03
3630	<.001	<.03
3631	0.002	0.069
3632	<.001	<.03
3633	<.001	<.03
3634	<.001	<.03
3635	<.001	<.03
3636	<.001	<.03
3637	<.001	<.03
3638	<.001	<.03
3639	<.001	<.03
3640	0.155	5.314
3641	<.001	<.03
3642	<.001	<.03
3643	<.001	<.03

21 **Splits**

Std OxL78	0.172	5.897
Blank	<.001	<.03

Certified Assayer:



PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **10319** Job No. 0-155

Date: June 6, 2011

	Original		Check	
Sample #	**Au Oz/ton**	**g/tonne**	**Au Oz/ton**	**g/tonne**
0635	0.090	3.086	0.088	3.017
0637	0.030	1.029	0.028	0.960
0638	0.036	1.234	0.038	1.303
0639	0.054	1.851	0.050	1.714
0645	0.050	1.714	0.054	1.851
0666	0.032	1.097	0.036	1.234
0669	0.090	3.086	0.070	2.400
0673	0.282	9.669	0.244	8.366
0679	0.054	1.851	0.050	1.714
0682	0.100	3.429	0.118	4.046
0683	0.080	2.743	0.076	2.606
0685	0.196	6.720	0.134	4.594
0686	0.188	6.446	0.182	6.240
0687	0.070	2.400	0.060	2.057
0705	0.078	2.674	0.072	2.469

15 + 30

Certified Assayer:

PolyMet Labs
A Division of Polymet Resources Ltd.

1 Presley St, P.O. Box 699, Cobalt, Ontario, Canada P0J 1C0
Tel: (705) 679-5500 • Fax: (705) 679-5519
Email: info@polymetinc.com Website: www.polymetinc.com

Certificate of Analysis

Queenston Mining Inc.
(Lebel Project)

We certify that the assay results in the following Certificates are factual and true.

Certificate #'s 10679, 10680, 10681, 10682, 10683, 10684, 10685, 10686, & 10687

Certified by: _____
Chief Assayer

Certified by: _____
President/Manager

Date: July 25, 2011

Disclaimer: The results included on this report relate only to the items tested. The Certificate of Analysis should not be reproduced except in full, without the written approval of the laboratory.

PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **10679**

Job No. 0-155

Date:
July 25, 2011

Splits

Sample #	**Au Oz/ton**	**g/tonne**
3199	<.001	<.03
3200	<.001	<.03
3201	<.001	<.03
3202	<.001	<.03
3203	<.001	<.03
3204	<.001	<.03
3205	<.001	<.03
3206	<.001	<.03
3207	<.001	<.03
3208	<.001	<.03
3209	<.001	<.03

11 **Splits**

Std OxL78	0.176	6.034
Blank	<.001	<.03

Certified Assayer:



PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **10680**

Job No. 0-155

Date:
July 25, 2011

Splits

Sample #	**Au Oz/ton**	**g/tonne**
3210	<.001	<.03
3211	0.008	0.274
3212	<.001	<.03
3213	<.001	<.03
3214	<.001	<.03
3215	<.001	<.03
3216	0.164	5.623
3217	<.001	<.03
3218	<.001	<.03
3219	<.001	<.03
3220	<.001	<.03
3221	<.001	<.03
3222	<.001	<.03
3223	<.001	<.03
3224	<.001	<.03
3225	0.049	1.680
3226	0.004	0.137
3227	<.001	<.03
3228	0.010	0.343
3229	<.001	<.03
3230	<.001	<.03

21 **Splits**

Std OxL78	0.178	6.103
Blank	<.001	<.03

Certified Assayer:

PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **10681**

Job No. 0-155

Date:
July 25, 2011

Splits

Sample #	**Au Oz/ton**	**g/tonne**
3231	<.001	<.03
3232	0.002	0.069
3233	<.001	<.03
3234	<.001	<.03
3235	<.001	<.03
3236	<.001	<.03
3237	<.001	<.03
3238	<.001	<.03
3239	0.004	0.137
3240	0.002	0.069
3241	<.001	<.03
3242	<.001	<.03
3243	<.001	<.03
3244	<.001	<.03
3245	<.001	<.03
3246	0.159	5.451
3247	<.001	<.03
3248	<.001	<.03
3249	<.001	<.03
3250	0.026	0.891
3251	<.001	<.03
3252	<.001	<.03

22 **Splits**

Std OxL78	0.178	6.103
Blank	<.001	<.03

Certified Assayer:

PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **10682**

Job No. 0-155

Date:
July 25, 2011

Splits

Sample #	**Au Oz/ton**	**g/tonne**
3253	<.001	<.03
3254	<.001	<.03
3255	<.001	<.03
3256	<.001	<.03
3257	<.001	<.03
3258	<.001	<.03
3259	<.001	<.03
3260	<.001	<.03
3261	<.001	<.03
3262	<.001	<.03
3263	<.001	<.03
3264	<.001	<.03
3265	0.018	0.617
3266	<.001	<.03
3267	<.001	<.03
3268	<.001	<.03
3269	<.001	<.03
3270	0.002	0.069
3271	0.047	1.611
3272	<.001	<.03
3273	<.001	<.03
3274	<.001	<.03

22 **Splits**

Std OxL78	0.178	6.103
Blank	<.001	<.03

Certified Assayer:

PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **10683**

Job No. 0-155

Date:
July 25, 2011

Splits

Sample #	**Au Oz/ton**	**g/tonne**
3275	<.001	<.03
3276	<.001	<.03
3277	<.001	<.03
3278	0.008	0.274
3279	<.001	<.03
3280	<.001	<.03
3281	<.001	<.03
3282	<.001	<.03
3283	<.001	<.03
3284	<.001	<.03
3285	<.001	<.03
3286	<.001	<.03
3287	Pend	
3288	<.001	<.03
3289	<.001	<.03
3290	0.002	0.069
3291	<.001	<.03
3292	<.001	<.03
3293	<.001	<.03
3294	<.001	<.03
3295	<.001	<.03

Std OxL78	0.178	6.103
Blank	<.001	<.03

20 **Splits**
1 **Pend**

Certified Assayer:

PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **10684**

Job No. 0-155

Date:
July 25, 2011

Splits

Sample #	**Au Oz/ton**	**g/tonne**
3296	Pend	
3297	0.008	0.274
3298	0.004	0.137
3299	0.012	0.411
3300	0.002	0.069
4601	0.006	0.206
4602	0.004	0.137
4603	<.001	<.03
4604	<.001	<.03
4605	0.004	0.137
4606	0.004	0.137
4607	0.002	0.069
4608	0.002	0.069
4609	0.002	0.069
4610	0.006	0.206
4611	0.002	0.069
4612	0.016	0.549
4613	<.001	<.03
4614	0.157	5.383
4615	0.006	0.206
4616	<.001	<.03
4617	Pend	

20 **Splits**
2 **Pend**

Std OxL78	0.172	5.897
Blank	<.001	<.03

Certified Assayer:

PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **10685**

Job No. 0-155

Date:
July 25, 2011

Splits

Sample #	**Au Oz/ton**	**g/tonne**
4618	0.002	0.069
4619	<.001	<.03
4620	<.001	<.03
4621	<.001	<.03
4622	<.001	<.03
4623	<.001	<.03
4624	<.001	<.03
4625	<.001	<.03
4626	<.001	<.03
4627	<.001	<.03
4628	<.001	<.03
4629	<.001	<.03
4630	<.001	<.03
4631	<.001	<.03
4632	<.001	<.03
3363	<.001	<.03
3364	<.001	<.03
3365	<.001	<.03
3366	<.001	<.03
3367	<.001	<.03
3368	<.001	<.03

21 **Splits**

Std OxL78	0.172	5.897
Blank	<.001	<.03

Certified Assayer:



PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **10686**

Job No. 0-155

Date:
July 25, 2011

Splits

Sample #	**Au Oz/ton**	**g/tonne**
3369	0.002	0.069
3370	<.001	<.03
3371	0.006	0.206
3372	0.002	0.069
3373	0.002	0.069
3374	<.001	<.03
3375	<.001	<.03
3376	0.006	0.206
3377	0.046	1.577
3378	0.010	0.343
3379	0.002	0.069
3380	0.002	0.069
3381	<.001	<.03
3382	<.001	<.03
3383	<.001	<.03
3384	0.004	0.137
3385	<.001	<.03
3386	<.001	<.03
3387	0.004	0.137
3388	0.004	0.137
3389	0.002	0.069
3390	0.010	0.343

22 **Splits**

Std OxL78	0.176	6.034
Blank	<.001	<.03

Certified Assayer:

PolyMet Laboratories

		Client:	Queenston (Lebel Project)
CERTIFICATE	**10687**	Job No.	0-155

Date:
July 25, 2011

	Original		**Check**	
Sample #	**Au Oz/ton**	**g/tonne**	**Au Oz/ton**	**g/tonne**
3287	0.070	2.400	0.098	3.360
3296	0.084	2.880	0.090	3.086
4617	0.114	3.909	0.130	4.457

3 + 6

Certified Assayer:

PolyMet Labs
A Division of Polymet Resources Ltd.

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Email: info@polymetinc.com Website: www.polymetinc.com

Certificate of Analysis

Queenston Mining Inc.
(Lebel Project)

We certify that the assay results in the following Certificates are factual and true.

Certificate #'s 10755, 10756, 10757, 10758, 10759, 10760, & 10761

Certified by: _____
Chief Assayer

Certified by: _____
President/Manager

Date: August 4, 2011

Disclaimer: The results included on this report relate only to the items tested. The Certificate of Analysis should not be reproduced except in full, without the written approval of the laboratory.

PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **10755**

Job No. 0-155

Date:
Aug. 4, 2011

Splits

Sample #	**Au Oz/ton**	**g/tonne**
4026	<.001	<.03
4027	0.002	0.069
4028	<.001	<.03
4029	0.020	0.686
4030	<.001	<.03
4031	Pend	
4032	0.012	0.411
4033	0.158	5.417
4034	0.014	0.480

8 **Splits**
1 **Pend**

Std OxL78	0.178	6.103
Blank	<.001	<.03

Certified Assayer: Carla Johnson

PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **10756**

Job No. 0-155

Date:
Aug. 4, 2011

Splits

Sample #	**Au Oz/ton**	**g/tonne**
4035	Pend	
4036	<.001	<.03
4037	<.001	<.03
4038	<.001	<.03
4039	0.002	0.069
4040	<.001	<.03
4041	0.028	0.960
4042	Pend	
4043	<.001	<.03
4044	0.008	0.274
4045	<.001	<.03
4046	0.006	0.206
4047	<.001	<.03
4048	<.001	<.03
4049	0.004	0.137
4050	0.002	0.069
4051	0.004	0.137
4052	<.001	<.03
4053	0.050	1.714
4054	<.001	<.03
4055	Pend	
4056	<.001	<.03

19 **Splits**
3 **Pend**

Std OxL78	0.178	6.103
Blank	<.001	<.03

Certified Assayer: Earle Johnson

PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **10757**

Job No. 0-155

Date:
Aug. 4, 2011

Splits

Sample #	**Au Oz/ton**	**g/tonne**
4057	0.006	0.206
4633	0.006	0.206
4634	<.001	<.03
4635	<.001	<.03
4636	0.004	0.137
4637	<.001	<.03
4638	0.010	0.343
4639	0.006	0.206
4640	<.001	<.03
4641	<.001	<.03
4642	<.001	<.03
4643	0.010	0.343
4644	0.050	1.714
4645	<.001	<.03
4646	0.026	0.891
4647	<.001	<.03
4648	<.001	<.03
4649	Pend	
4650	Pend	
4651	<.001	<.03
4652	<.001	<.03

19 **Splits**
2 **Pend**

Std OxL78	0.174	5.966
Blank	<.001	<.03

Certified Assayer:

PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **10758**

Job No. 0-155

Date:
Aug. 4, 2011

Splits

Sample #	**Au Oz/ton**	**g/tonne**
4653	<.001	<.03
4654	0.012	0.411
4655	<.001	<.03
4656	<.001	<.03
4657	<.001	<.03
4658	<.001	<.03
4659	0.004	0.137
4660	0.008	0.274
4661	<.001	<.03
4662	<.001	<.03
4663	0.004	0.137
4664	<.001	<.03
4665	Pend	
4666	Pend	
4667	0.028	0.960
4668	0.022	0.754
4669	Pend	
4670	0.161	5.520
4671	0.028	0.960
4672	0.010	0.343
4673	0.016	0.549
4674	<.001	<.03

19 **Splits**
3 **Pend**

Std OxL78	0.174	5.966
Blank	<.001	<.03

Certified Assayer: Laula Johnson

PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **10759**

Job No. 0-155

Date:
Aug. 4, 2011

Splits

Sample #	**Au Oz/ton**	**g/tonne**
4675	0.022	0.754
4676	<.001	<.03
4677	0.012	0.411
4678	0.010	0.343
4679	0.008	0.274
4680	0.014	0.480
4681	0.026	0.891
4682	0.004	0.137
4683	0.006	0.206
4684	<.001	<.03
4685	<.001	<.03
4686	<.001	<.03
4687	0.002	0.069
4688	<.001	<.03
4689	<.001	<.03
4690	<.001	<.03
4691	<.001	<.03
4692	0.006	0.206
4693	0.002	0.069
4694	<.001	<.03
4695	0.049	1.680

21 **Splits**

Std OxL78	0.180	6.171
Blank	<.001	<.03

Certified Assayer: Carla Johnson

PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **10760**

Job No. 0-155

Date:
Aug. 4, 2011

Splits

Sample #	**Au Oz/ton**	**g/tonne**
4696	0.004	0.137
4697	<.001	<.03
4698	<.001	<.03
4699	<.001	<.03
4700	<.001	<.03
4701	<.001	<.03
4702	<.001	<.03
4703	<.001	<.03

8 **Splits**

Std OxL78	0.180	6.171
Blank	<.001	<.03

Certified Assayer: Carla Johnson

PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **10761**

Job No. 0-155

Date:
August 4, 2011

	Original		**Check**	
Sample #	**Au Oz/ton**	**g/tonne**	**Au Oz/ton**	**g/tonne**
4031	0.044	1.509	0.060	2.057
4035	0.032	1.097	0.040	1.371
4042	0.250	8.572	0.216	7.406
4055	0.066	2.263	0.072	2.469
4649	0.096	3.291	0.096	3.291
4650	0.038	1.303	0.044	1.509
4665	0.062	2.126	0.064	2.194
4666	0.090	3.086	0.082	2.811
4669	0.054	1.851	0.058	1.989

9 + 18

Certified Assayer: Carla Johnson

PolyMet Labs
A Division of Polymet Resources Ltd.

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Certificate of Analysis

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(Lebel Project)

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Certified by: _____
Chief Assayer

Certified by: _____
President/Manager

Date: August 9, 2011

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PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **10777**

Job No. 0-155

Date:
Aug. 8, 2011

Splits

Sample #	**Au Oz/ton**	**g/tonne**
4058	<.001	<.03
4059	<.001	<.03
4060	<.001	<.03
4061	<.001	<.03
4062	<.001	<.03
4063	<.001	<.03
4064	Pend	
4065	<.001	<.03
4066	0.008	0.274
3492	0.159	5.451
3493	<.001	<.03
3494	<.001	<.03
3495	<.001	<.03
3496	<.001	<.03
3497	<.001	<.03
3498	<.001	<.03
3499	<.001	<.03
3500	<.001	<.03
3501	0.016	0.549
3502	0.022	0.754
3503	<.001	<.03

20 **Splits**
1 **Pend**

Std OxL78	0.176	6.034
Blank	<.001	<.03

Certified Assayer:

PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **10778**

Job No. 0-155

Date:
Aug. 8, 2011

Splits

Sample #	**Au Oz/ton**	**g/tonne**
3504	0.008	0.274
3505	<.001	<.03
3506	<.001	<.03
3507	<.001	<.03
3508	<.001	<.03
3509	0.004	0.137
3510	<.001	<.03
3511	0.012	0.411
3512	0.049	1.680
3513	<.001	<.03
3514	<.001	<.03
3515	<.001	<.03
3516	<.001	<.03
3517	<.001	<.03
3518	<.001	<.03
3519	<.001	<.03
3520	0.022	0.754
3521	Pend	
3522	<.001	<.03
3523	0.006	0.206
3524	<.001	<.03
3525	<.001	<.03

21 **Splits**
1 **Pend**

Std OxL78	0.176	6.034
Blank	<.001	<.03

Certified Assayer:



PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **10779**

Job No. 0-155

Date:
Aug. 8, 2011

Splits

Sample #	**Au Oz/ton**	**g/tonne**
3526	<.001	<.03
3527	<.001	<.03
3528	<.001	<.03
3529	0.002	0.069
3530	<.001	<.03
3531	<.001	<.03
3532	0.150	5.143
3533	<.001	<.03
3534	<.001	<.03
3535	<.001	<.03
3536	<.001	<.03
3537	<.001	<.03
3538	<.001	<.03
3539	<.001	<.03
3540	<.001	<.03
3541	<.001	<.03
3542	<.001	<.03
3543	<.001	<.03
3564	<.001	<.03
3544	<.001	<.03
3545	0.020	0.686

21 **Splits**

Std OxL78	0.178	6.103
Blank	<.001	<.03

Certified Assayer:

PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **10780**

Job No. 0-155

Date:
Aug. 8, 2011

Splits

Sample #	**Au Oz/ton**	**g/tonne**
3546	0.010	0.343
3547	0.002	0.069
3548	0.014	0.480
3549	0.012	0.411
3550	0.028	0.960
3551	0.049	1.680
3552	0.010	0.343
3553	0.024	0.823
3554	<.001	<.03
3555	0.014	0.480
3556	0.026	0.891
3557	0.006	0.206
3558	0.022	0.754
3559	Pend	
3560	<.001	<.03
3561	<.001	<.03
3562	<.001	<.03
3563	<.001	<.03
3565	<.001	<.03
3566	<.001	<.03
3567	0.004	0.137
3568	<.001	<.03

21 **Splits**
1 **Pend**

Std OxL78	0.174	5.966
Blank	<.001	<.03

Certified Assayer:

PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **10781**

Job No. 0-155

Date:
Aug. 8, 2011

Splits

Sample #	**Au Oz/ton**	**g/tonne**
3569	<.001	<.03
3570	<.001	<.03
3571	<.001	<.03
3572	<.001	<.03
3573	0.151	5.177
3574	<.001	<.03
3575	<.001	<.03
4067	<.001	<.03
4068	<.001	<.03
4069	<.001	<.03
4070	<.001	<.03
4071	0.004	0.137
4072	<.001	<.03
4073	0.047	1.611
4074	0.028	0.960
4075	Pend	
4076	<.001	<.03
4077	<.001	<.03
4078	<.001	<.03
4079	<.001	<.03
4080	<.001	<.03
4081	<.001	<.03

21 **Splits**
1 **Pend**

Std OxL78	0.174	5.966
Blank	<.001	<.03

Certified Assayer:

PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **10782**

Job No. 0-155

Date:
Aug. 8, 2011

Splits

Sample #	**Au Oz/ton**	**g/tonne**
4082	<.001	<.03
4083	<.001	<.03
25786	<.001	<.03
25787	<.001	<.03
25788	<.001	<.03
25789	<.001	<.03
25790	<.001	<.03
25791	<.001	<.03
25792	<.001	<.03
25793	<.001	<.03
25794	<.001	<.03
25795	<.001	<.03
25796	<.001	<.03
25797	<.001	<.03
25798	<.001	<.03
25799	<.001	<.03
25800	<.001	<.03
4795	<.001	<.03
4796	<.001	<.03
4797	<.001	<.03
4798	<.001	<.03

21 **Splits**

Std OxL78	0.176	6.034
Blank	<.001	<.03

Certified Assayer:



PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **10783**

Job No. 0-155

Date:
Aug. 8, 2011

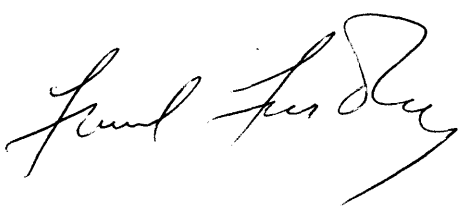
Splits

Sample #	**Au Oz/ton**	**g/tonne**
4799	<.001	<.03
4800	<.001	<.03
4801	0.002	0.069
4802	0.152	5.211
4803	<.001	<.03
4804	0.002	0.069
4805	<.001	<.03
4806	0.002	0.069
4807	0.002	0.069
4808	<.001	<.03
4809	0.008	0.274
4810	<.001	<.03
4811	Pend	
4704	<.001	<.03
4705	<.001	<.03
4706	0.012	0.411
4707	<.001	<.03
4708	<.001	<.03
4709	<.001	<.03
4710	0.002	0.069
4711	<.001	<.03
4712	<.001	<.03

21 **Splits**
1 **Pend**

Std OxL78	0.176	6.034
Blank	<.001	<.03

Certified Assayer:



PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **10784**

Job No. 0-155

Date:
Aug. 8, 2011

Splits

Sample #	**Au Oz/ton**	**g/tonne**
4713	<.001	<.03
4714	<.001	<.03
4715	<.001	<.03
4716	<.001	<.03
4717	<.001	<.03
4718	<.001	<.03
4719	<.001	<.03
4720	<.001	<.03
4721	0.157	5.383
4722	<.001	<.03
4723	<.001	<.03
4724	0.002	0.069
4725	<.001	<.03
4726	0.014	0.480
4727	<.001	<.03
4728	<.001	<.03
4729	<.001	<.03
4730	<.001	<.03
4731	<.001	<.03
4732	<.001	<.03
4733	<.001	<.03

21 **Splits**

Std OxL78	0.176	6.034
Blank	<.001	<.03

Certified Assayer:

PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **10785**

Job No. 0-155

Date:
Aug. 8, 2011

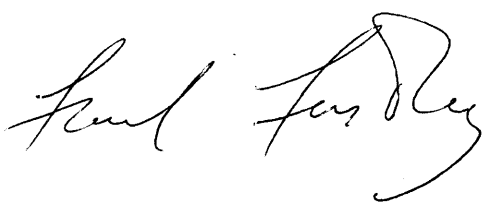
Splits

Sample #	**Au Oz/ton**	**g/tonne**
4734	<.001	<.03
4735	<.001	<.03
4736	<.001	<.03
4737	<.001	<.03
4738	<.001	<.03
4739	<.001	<.03
4740	<.001	<.03
4741	<.001	<.03
4742	<.001	<.03
4743	<.001	<.03
4744	<.001	<.03
4745	<.001	<.03
4746	<.001	<.03
4747	0.008	0.274
4748	0.050	1.714
4749	0.028	0.960
4750	0.006	0.206
4751	<.001	<.03
4752	<.001	<.03
4753	<.001	<.03
4754	0.022	0.754
4755	<.001	<.03

22 **Splits**

Std OxL78	0.176	6.034
Blank	<.001	<.03

Certified Assayer:



PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **10786**

Job No. 0-155

Date:
Aug. 8, 2011

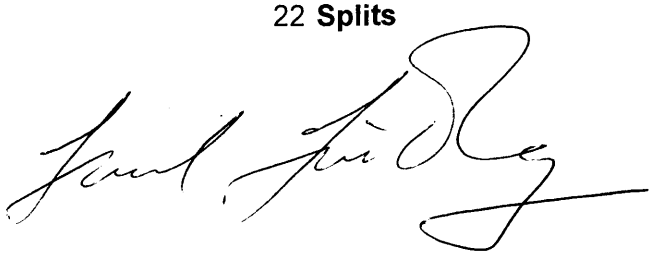
Splits

Sample #	**Au Oz/ton**	**g/tonne**
4756	<.001	<.03
4757	0.004	0.137
4758	0.002	0.069
4759	0.014	0.480
4760	0.004	0.137
4761	<.001	<.03
4762	<.001	<.03
4763	<.001	<.03
4764	<.001	<.03
4765	<.001	<.03
4766	<.001	<.03
4767	<.001	<.03
4768	<.001	<.03
4769	<.001	<.03
4770	<.001	<.03
4771	<.001	<.03
4772	<.001	<.03
4773	<.001	<.03
4774	0.167	5.726
4775	<.001	<.03
4776	<.001	<.03
4777	<.001	<.03

22 **Splits**

Std OxL78	0.178	6.103
Blank	<.001	<.03

Certified Assayer:



PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **10787**

Job No. 0-155

Date:
Aug. 9, 2011

Splits

Sample #	**Au Oz/ton**	**g/tonne**
4778	<.001	<.03
4779	<.001	<.03
4780	<.001	<.03
4781	<.001	<.03
4782	<.001	<.03
4783	<.001	<.03
4784	<.001	<.03
4785	<.001	<.03
4786	<.001	<.03
4787	<.001	<.03
4788	<.001	<.03
4789	<.001	<.03
4790	<.001	<.03
4791	<.001	<.03
4792	<.001	<.03
4793	<.001	<.03
4794	<.001	<.03

17 **Splits**

Std OxL78	0.178	6.103
Blank	<.001	<.03

Certified Assayer:



PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **10788** Job No. 0-155

Date: Aug. 9, 2011

	Original		Check	
Sample #	**Au Oz/ton**	**g/tonne**	**Au Oz/ton**	**g/tonne**
4064	0.042	1.440	0.036	1.234
3521	0.052	1.783	0.056	1.920
3559	0.156	5.349	0.164	5.623
4075	0.034	1.166	0.032	1.097
4811	0.110	3.771	0.122	4.183

5 + 10

Certified Assayer:

PolyMet Labs
A Division of Polymet Resources Ltd.

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Tel: (705) 679-5500 • Fax: (705) 679-5519
Email: info@polymetinc.com Website: www.polymetinc.com

Certificate of Analysis

Queenston Mining Inc.
(Lebel Project)

We certify that the assay results in the following Certificates are factual and true.

Certificate #'s 10823, 10824, 10825, 10826, & 10827

Certified by: _____
Certified Assayer

Certified by: _____
President/Manager

Date: August 8, 2011

Disclaimer: The results included on this report relate only to the items tested. The Certificate of Analysis should not be reproduced except in full, without the written approval of the laboratory.

PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **10823**

Job No. 0-155

Date:
Aug. 11, 2011

Splits

Sample #	**Au Oz/ton**	**g/tonne**
4229	0.022	0.754
4230	0.002	0.069
4231	<.001	<.03
4232	<.001	<.03
4233	0.002	0.069
4234	Pend	
4235	Pend	
4236	Pend	
4812	<.001	<.03
4813	<.001	<.03
4814	0.002	0.069
4815	<.001	<.03
4816	<.001	<.03
4817	0.002	0.069
4818	<.001	<.03
4819	<.001	<.03
4820	0.022	0.754
4821	<.001	<.03
4822	<.001	<.03
4823	<.001	<.03
4824	<.001	<.03
4825	<.001	<.03

19 **Splits**
3 **Pend**

Std OxL78	0.176	6.034
Blank	<.001	<.03

Certified Assayer: Carla Johnson

PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **10824**

Job No. 0-155

Date:
Aug. 11, 2011

Splits

Sample #	**Au Oz/ton**	**g/tonne**
4826	<.001	<.03
4827	<.001	<.03
4828	0.016	0.549
4829	<.001	<.03
4830	<.001	<.03
4831	<.001	<.03
4832	Pend	
4833	0.052	1.783
4834	0.028	0.960
4835	0.002	0.069
4836	<.001	<.03
4837	<.001	<.03
4838	<.001	<.03
4839	0.014	0.480
4115	0.164	5.623
4116	<.001	<.03
4117	<.001	<.03
4118	0.006	0.206
4119	<.001	<.03
4120	<.001	<.03
4121	<.001	<.03

20 **Splits**
1 **Pend**

Std OxL78	0.176	6.034
Blank	<.001	<.03

Certified Assayer: Emilie Johnson

PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **10825**

Job No. 0-155

Date:
Aug. 11, 2011

Splits

Sample #	**Au Oz/ton**	**g/tonne**
4122	<.001	<.03
4123	<.001	<.03
4124	<.001	<.03
4840	<.001	<.03
4841	0.002	0.069
4842	0.016	0.549
4843	<.001	<.03
4844	<.001	<.03
4845	<.001	<.03
4846	<.001	<.03
4847	<.001	<.03
4848	<.001	<.03
4849	<.001	<.03
4850	<.001	<.03
4851	<.001	<.03
4852	Pend	
4853	<.001	<.03
4854	Pend	
4855	0.048	1.646
4856	<.001	<.03
4857	<.001	<.03
4858	<.001	<.03

20 **Splits**
2 **Pend**

Std OxL78	0.172	5.897
Blank	<.001	<.03

Certified Assayer: Carla Johnson

PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **10826**

Job No. 0-155

Date:
Aug. 11, 2011

Splits

Sample #	**Au Oz/ton**	**g/tonne**
4859	0.016	0.549
4860	Pend	
4861	<.001	<.03
4862	0.008	0.274
4863	<.001	<.03
4864	<.001	<.03
4865	<.001	<.03
4866	<.001	<.03
4867	<.001	<.03
4868	Pend	
4869	0.026	0.891
4870	0.016	0.549
4871	0.028	0.960
4872	Pend	
4873	Pend	
4874	Pend	
4875	Pend	
4876	<.001	<.03
4877	Pend	
4878	0.020	0.686
4879	0.014	0.480

14 **Splits**
7 **Pend**

Std OxL78	0.172	5.897
Blank	<.001	<.03

Certified Assayer: Erika Johnson

PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **10827**

Job No. 0-155

Date:
Aug. 11, 2011

Splits

Sample #	**Au Oz/ton**	**g/tonne**
4880	0.010	0.343
4881	0.006	0.206
4882	0.010	0.343
4883	0.006	0.206
4884	<.001	<.03
4885	0.170	5.829
4886	<.001	<.03
4887	0.008	0.274
4888	0.014	0.480
4889	0.022	0.754
4890	0.012	0.411
4891	0.002	0.069
4892	0.004	0.137
4893	0.016	0.549
4894	0.016	0.549
4895	0.014	0.480
4896	0.010	0.343
4897	0.022	0.754
4898	0.008	0.274
4899	0.014	0.480
4900	0.028	0.960
4901	0.028	0.960

22 **Splits**

Std OxL78	0.172	5.897
Blank	<.001	<.03

Certified Assayer: Erika Johnson

PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **10828**

Job No. 0-155

Date:
Aug. 9, 2011

	Original		**Check**	
Sample #	**Au Oz/ton**	**g/tonne**	**Au Oz/ton**	**g/tonne**
4234	0.060	2.057	0.088	3.017
4235	0.090	3.086	0.092	3.154
4236	0.156	5.349	0.158	5.417
4832	0.068	2.331	0.066	2.263
4852	0.034	1.166	0.036	1.234
4854	0.040	1.371	0.046	1.577
4860	0.046	1.577	0.054	1.851
4868	0.160	5.486	0.164	5.623
4872	0.116	3.977	0.112	3.840
4873	0.170	5.829	0.166	5.691
4874	0.106	3.634	0.106	3.634
4875	0.960	32.915	1.080	37.029
4877	0.068	2.331	0.082	2.811

13+26

Certified Assayer: Carla Johnson

PolyMet Labs
A Division of Polymet Resources Ltd.

1 Presley St, P.O. Box 699, Cobalt, Ontario, Canada P0J 1C0
Tel: (705) 679-5500 • Fax: (705) 679-5519
Email: info@polymetinc.com Website: www.polymetinc.com

Certificate of Analysis

Queenston Mining Inc.
(Lebel Project)

We certify that the assay results in the following Certificates are factual and true.

Certificate #'s 10864, 10865, 10866, 10867, 10868, 10869, 10870, & 10871

Certified by: _____
Chief Assayer

Certified by: _____
President/Manager

Date: August 16, 2011

Disclaimer: The results included on this report relate only to the items tested. The Certificate of Analysis should not be reproduced except in full, without the written approval of the laboratory.

PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **10864**

Job No. 0-155

Date:
Aug. 16, 2011

Splits

Sample #	**Au Oz/ton**	**g/tonne**
4237	0.168	5.760
4238	0.028	0.960
4239	<.001	<.03
4240	<.001	<.03
4241	<.001	<.03
4242	<.001	<.03
4243	<.001	<.03
4244	<.001	<.03
4245	<.001	<.03
1351	<.001	<.03
1352	Pend	

10 **Splits**
1 **Pend**

Std OxL78	0.172	5.897
Blank	<.001	<.03

Certified Assayer:

PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **10865**

Job No. 0-155

Date:
Aug. 16, 2011

Splits

Sample #	**Au Oz/ton**	**g/tonne**
1353	<.001	<.03
1354	<.001	<.03
1355	<.001	<.03
1356	<.001	<.03
1357	<.001	<.03
4084	0.002	0.069
4085	Pend	
4086	Pend	
4087	Pend	
4088	Pend	
4089	<.001	<.03
4090	Pend	
4091	Pend	
4092	Pend	
4093	0.056	1.920
4094	0.022	0.754
4095	0.020	0.686
4096	0.008	0.274
4097	0.012	0.411
4098	Pend	
4099	0.028	0.960

13 **Splits**
8 **Pend**

Std OxL78	0.172	5.897
Blank	<.001	<.03

Certified Assayer:



PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **10866**

Job No. 0-155

Date:
Aug. 16, 2011

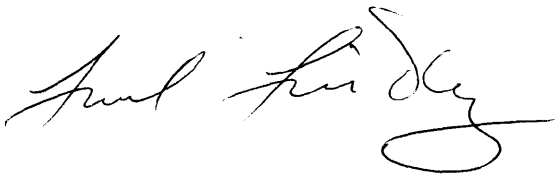
Splits

Sample #	**Au Oz/ton**	**g/tonne**
4100	0.010	0.343
4101	<.001	<.03
4102	0.010	0.343
4103	0.020	0.686
4104	0.002	0.069
4105	<.001	<.03
4106	0.016	0.549
4107	0.022	0.754
4108	Pend	
4109	Pend	
4110	Pend	
4111	<.001	<.03
4112	Pend	
4113	<.001	<.03
4114	<.001	<.03
05052	<.001	<.03
05053	<.001	<.03
05054	<.001	<.03
05055	<.001	<.03
05056	<.001	<.03
05057	0.014	0.480
05058	0.012	0.411

18 **Splits**
4 **Pend**

Std OxL78	0.176	6.034
Blank	<.001	<.03

Certified Assayer:



PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **10867**

Job No. 0-155

Date:
Aug. 16, 2011

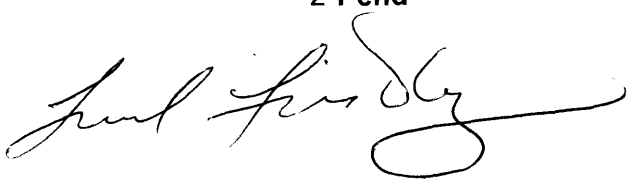
Splits

Sample #	**Au Oz/ton**	**g/tonne**
05059	<.001	<.03
05060	<.001	<.03
05061	<.001	<.03
05062	0.166	5.691
05063	<.001	<.03
05064	<.001	<.03
05065	<.001	<.03
05066	<.001	<.03
05067	<.001	<.03
05068	<.001	<.03
05069	<.001	<.03
05070	<.001	<.03
05071	<.001	<.03
05072	<.001	<.03
4902	<.001	<.03
4903	0.010	0.343
4904	0.012	0.411
4905	0.008	0.274
4906	0.004	0.137
4907	0.020	0.686
4908	Pend	
4909	Pend	

20 **Splits**
2 **Pend**

Std OxL78	0.176	6.034
Blank	<.001	<.03

Certified Assayer:



PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **10868**

Job No. 0-155

Date:
Aug. 16, 2011

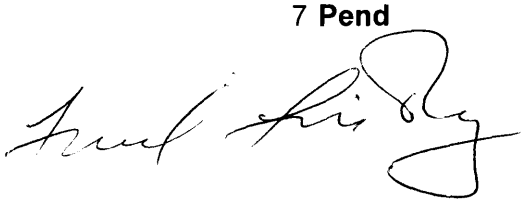
Splits

Sample #	**Au Oz/ton**	**g/tonne**
4910	Pend	
4911	Pend	
4912	Pend	
4913	<.001	<.03
4914	0.028	0.960
4915	0.052	1.783
4916	0.026	0.891
4917	<.001	<.03
4918	<.001	<.03
4919	0.012	0.411
4920	Pend	
4921	<.001	<.03
4922	0.004	0.137
4923	Pend	
4924	0.010	0.343
4925	0.006	0.206
4926	Pend	
4927	0.020	0.686
4928	0.022	0.754
4933	Pend	
4936	<.001	<.03

14 **Splits**
7 **Pend**

Std OxL78	0.178	6.103
Blank	<.001	<.03

Certified Assayer:



PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **10869**

Job No. 0-155

Date:
Aug. 16, 2011

Splits

Sample #	**Au Oz/ton**	**g/tonne**
4944	0.020	0.686
4929	0.016	0.549
4930	Pend	
4931	Pend	
4932	0.022	0.754
4934	0.012	0.411
4935	<.001	<.03
4937	Pend	
4938	<.001	<.03
4939	<.001	<.03
4940	<.001	<.03
4941	0.016	0.549
4942	0.006	0.206
4943	<.001	<.03
4945	<.001	<.03
4946	<.001	<.03
4947	0.002	0.069
4948	0.166	5.691
4949	0.008	0.274
4950	<.001	<.03
4951	0.002	0.069
4952	<.001	<.03

19 **Splits**
3 **Pend**

Std OxL78	0.178	6.103
Blank	<.001	<.03

Certified Assayer:

PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **10870**

Job No. 0-155

Date:
Aug. 16, 2011

Splits

Sample #	**Au Oz/ton**	**g/tonne**
4953	<.001	<.03
4954	<.001	<.03
4955	<.001	<.03
4956	<.001	<.03
4957	<.001	<.03
4958	<.001	<.03
4959	<.001	<.03
4960	<.001	<.03
4961	<.001	<.03
4962	<.001	<.03
4963	Pend	
4964	<.001	<.03
4965	0.018	0.617
4966	<.001	<.03
4967	<.001	<.03
4968	<.001	<.03
4969	<.001	<.03
4970	<.001	<.03
4971	<.001	<.03
4972	<.001	<.03
4973	<.001	<.03
4974	<.001	<.03
4975	<.001	<.03
4976	<.001	<.03
4977	0.050	1.714
4978	<.001	<.03

25 **Splits**
1 **Pend**

Std OxL78	0.174	5.966
Blank	<.001	<.03

Certified Assayer:



PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **10871**

Job No. 0-155

Date:
Aug. 16, 2011

	Original		Check	
Sample #	**Au Oz/ton**	**g/tonne**	**Au Oz/ton**	**g/tonne**
1352	0.060	2.057	0.050	1.714
4085	0.956	32.777	0.808	27.703
4086	2.346	80.435	1.650	56.572
4087	7.358	252.276	6.518	223.476
4088	23.812	816.418	25.450	872.579
4090	1.862	63.841	1.932	66.241
4091	3.946	135.293	5.062	173.556
4092	0.300	10.286	0.210	7.200
4098	0.044	1.509	0.040	1.371
4108	0.038	1.303	0.054	1.851
4109	2.042	70.012	1.990	68.229
4110	1.324	45.395	1.440	49.372
4112	0.036	1.234	0.034	1.166
4908	0.080	2.743	0.054	1.851
4909	0.094	3.223	0.076	2.606
4910	0.060	2.057	0.060	2.057
4911	0.044	1.509	0.044	1.509
4912	0.036	1.234	0.026	0.891
4920	0.056	1.920	0.080	2.743
4923	0.036	1.234	0.026	0.891
4926	0.054	1.851	0.064	2.194
4933	0.036	1.234	0.036	1.234
4930	0.034	1.166	0.044	1.509
4931	0.036	1.234	0.030	1.029
4937	0.072	2.469	0.128	4.389
4963	0.036	1.234	0.030	1.029

26 + 52

Certified Assayer:



PolyMet Labs
A Division of Polymet Resources Ltd.

1 Presley St, P.O. Box 699, Cobalt, Ontario, Canada P0J 1C0
Tel: (705) 679-5500 • Fax: (705) 679-5519
Email: info@polymetinc.com Website: www.polymetinc.com

Certificate of Analysis

Queenston Mining Inc.
(Lebel Project)

We certify that the assay results in the following Certificates are factual and true.

Certificate #'s 10892, 10893, 10894, 10895, 10896, 10897, 10898, 10899, 10900, 10901, 10902, 10903, 10904, 10905, 10906, 10907, & 10908

Certified by: _____
Chief Assayer

Certified by: _____
President/Manager

Date: August 18, 2011

Disclaimer: The results included on this report relate only to the items tested. The Certificate of Analysis should not be reproduced except in full, without the written approval of the laboratory.

PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **10900**

Job No. 0-155

Date:
Aug. 18, 2011

Splits

Sample #	**Au Oz/ton**	**g/tonne**
5106	<.001	<.03
5107	<.001	<.03
5108	<.001	<.03
5109	<.001	<.03
5110	<.001	<.03
5111	<.001	<.03
5112	<.001	<.03
5113	<.001	<.03
5114	<.001	<.03
5115	0.004	0.137
5116	<.001	<.03
5117	<.001	<.03
5118	<.001	<.03
5119	<.001	<.03
5120	0.004	0.137
5121	0.168	5.760
5122	0.002	0.069
5123	<.001	<.03
4246	<.001	<.03
4247	0.012	0.411
4248	Pend	
4249	<.001	<.03

21 **Splits**
1 **Pend**

Std OxL78	0.178	6.103
Blank	<.001	<.03

Certified Assayer:

PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **10901**

Job No. 0-155

Date:
Aug. 18, 2011

Splits

Sample #	**Au Oz/ton**	**g/tonne**
4250	0.008	0.274
4251	0.024	0.823
4252	<.001	<.03
4253	0.002	0.069
4254	<.001	<.03
4255	0.008	0.274
4256	0.028	0.960
4257	0.002	0.069
4258	<.001	<.03
4259	0.052	1.783
4260	<.001	<.03
4261	0.002	0.069
4262	<.001	<.03
4263	<.001	<.03
4264	Pend	
4265	<.001	<.03
4266	0.024	0.823
4267	0.028	0.960
4268	Pend	
4269	<.001	<.03
1358	<.001	<.03

19 **Splits**
2 **Pend**

Std OxL78	0.178	6.103
Blank	<.001	<.03

Certified Assayer:

PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **10902**

Job No. 0-155

Date:
Aug. 18, 2011

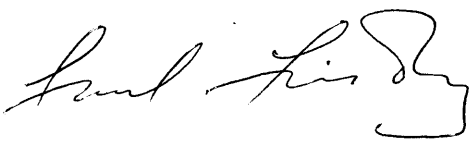
Splits

Sample #	**Au Oz/ton**	**g/tonne**
1359	<.001	<.03
1360	<.001	<.03
1361	<.001	<.03
1362	0.006	0.206
1363	<.001	<.03
1364	<.001	<.03
1365	<.001	<.03
1366	<.001	<.03
1367	<.001	<.03
1368	0.168	5.760
1369	<.001	<.03
1370	<.001	<.03
1371	<.001	<.03
1372	<.001	<.03
1373	<.001	<.03
4270	0.002	0.069
4271	0.002	0.069
4272	<.001	<.03
4273	<.001	<.03
4274	<.001	<.03
4275	0.012	0.411
4276	0.010	0.343

22 **Splits**

Std OxL78	0.178	6.103
Blank	<.001	<.03

Certified Assayer:



PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **10903**

Job No. 0-155

Date:
Aug. 18, 2011

Splits

Sample #	**Au Oz/ton**	**g/tonne**
4277	0.004	0.137
4278	<.001	<.03
4279	0.010	0.343
4280	0.028	0.960
4281	0.050	1.714
4282	0.026	0.891
4283	<.001	<.03
4284	<.001	<.03
4285	<.001	<.03
4286	<.001	<.03
4287	<.001	<.03
4288	<.001	<.03
4289	<.001	<.03
4290	<.001	<.03
4291	<.001	<.03
4292	<.001	<.03
4293	<.001	<.03
4294	<.001	<.03
4295	<.001	<.03
4296	<.001	<.03
4297	<.001	<.03

21 **Splits**

Std OxL78	0.178	6.103
Blank	<.001	<.03

Certified Assayer:



PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **10904**

Job No. 0-155

Date:
Aug. 18, 2011

Splits

Sample #	**Au Oz/ton**	**g/tonne**
4298	0.008	0.274
4299	0.002	0.069
4300	0.004	0.137
4301	0.170	5.829
4302	0.018	0.617
4303	0.002	0.069
4304	0.008	0.274
4305	0.004	0.137
4306	0.002	0.069
4307	<.001	<.03
4308	0.010	0.343
4309	<.001	<.03
4310	<.001	<.03
4311	<.001	<.03
4312	0.006	0.206
4313	<.001	<.03
4314	<.001	<.03
4315	<.001	<.03
4316	<.001	<.03
4317	0.014	0.480
4318	0.002	0.069
4319	0.002	0.069

22 **Splits**

Std OxL78	0.176	6.034
Blank	<.001	<.03

Certified Assayer:



PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **10905**

Job No. 0-155

Date:
Aug. 18, 2011

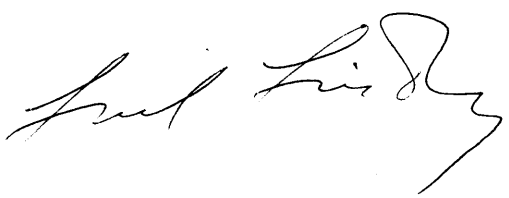
Splits

Sample #	**Au Oz/ton**	**g/tonne**
4320	<.001	<.03
4321	<.001	<.03
4322	<.001	<.03
4323	0.054	1.851
4324	<.001	<.03
4325	<.001	<.03
4326	<.001	<.03
4327	0.010	0.343
4328	0.008	0.274
4329	<.001	<.03
4330	<.001	<.03
4331	<.001	<.03
4332	<.001	<.03
4333	<.001	<.03
4334	<.001	<.03
4335	0.012	0.411
4336	<.001	<.03
4337	<.001	<.03
4338	<.001	<.03
4339	<.001	<.03
4340	0.004	0.137
4341	<.001	<.03

22 **Splits**

Std OxL78	0.176	6.034
Blank	<.001	<.03

Certified Assayer:



PolyMet Laboratories

		Client:	Queenston (Lebel Project)
CERTIFICATE	**10906**	Job No.	0-155

Date:
Aug. 18, 2011

	Original		**Check**	
Sample #	**Au Oz/ton**	**g/tonne**	**Au Oz/ton**	**g/tonne**
5022	0.052	1.783	0.042	1.440
5023	0.046	1.577	0.038	1.303
5024	0.066	2.263	0.058	1.989
5025	0.044	1.509	0.046	1.577
5026	0.034	1.166	0.040	1.371
4248	0.076	2.606	0.072	2.469
4264	0.090	3.086	0.080	2.743
4268	0.058	1.989	0.058	1.989

8 + 16

Certified Assayer:



PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **10907**

Job No. 0-155

Date:
Aug. 18, 2011

Splits

Sample #	**Au Oz/ton**	**g/tonne**
4342	<.001	<.03
4343	<.001	<.03
4344	<.001	<.03
4345	0.162	5.554
1374	<.001	<.03
1375	<.001	<.03
1376	0.002	0.069
1377	0.008	0.274
1378	<.001	<.03
1379	<.001	<.03
1380	<.001	<.03
1381	<.001	<.03
1382	<.001	<.03
1383	<.001	<.03
1384	<.001	<.03
1385	<.001	<.03
1386	<.001	<.03
1387	<.001	<.03
1388	<.001	<.03
1389	<.001	<.03
1390	<.001	<.03

21 **Splits**

Std OxL78	0.174	5.966
Blank	<.001	<.03

Certified Assayer:



Swastika Laboratories Ltd

Established 1928

Assaying - Consulting - Representation

Assay Certificate

Certificate Number: 11-1019

Company: **Queenston Mining Inc.**

Project: Lebel

Report Date: 08-Apr-11

Attn: Dan McCormack

We hereby certify the following Assay of 2 rejects samples submitted 21-Mar-11 by Dan McCormack

Sample Number	Au FA-AAS ppb	Au Chk FA-AAS ppb	Au FA-AAS g/Mt	Au Chk FA-AAS g/Mt	Au FA-GRAV ppb	Au FA-GRAV g/Mt	Au Chk FA-GRAV ppb	Au Chk FA-GRAV g/Mt
52905	453		0.45					
52902	566	546	0.57	0.55				

Certified by Jing Lin

Jing Lin, M Sc.

1 Cameron Ave., P.O. Box 10, Swastika, Ontario P0K 1T0
Telephone (705) 642-3244 Fax (705) 642-3300

Established 1928

Swastika Laboratories Ltd

Assaying - Consulting - Representation

Assay Certificate

Certificate Number: 11-1172

Company: **Queenston Mining Inc.**

Project: Lebel

Report Date: 04-May-11

Attn: Dan McCormack

We hereby certify the following Assay of 31 pulp samples submitted 29-Mar-11 by Dan McCormack

Sample Number	Au FA-AAS ppb	Au Chk FA-AAS ppb	Au FA-AAS g/Mt	Au Chk FA-AAS g/Mt	Au FA-GRAV ppb	Au FA-GRAV g/Mt	Au Chk FA-GRAV ppb	Au Chk FA-GRAV g/Mt
54358	744		0.74					
54370	568		0.57					
54379	347		0.35					
54380	201		0.20					
54314					4739	4.74		4.39
54325					2605	2.60		2.34
54219					2060	2.06		1.78
54239					824	0.82	892	0.89
54249					1509	1.51		1.37
54279					4041	4.04		3.91
53205	371		0.37					
53206	440		0.44					
53207					2402	2.40		1.92
53209					1098	1.10		1.03
53235	1041		1.04		959	0.96		
Blank Value	5		< 0.01					
53270	549		0.55					
SH41	1362		1.36					
53284	576		0.58					
53094	217		0.22					
53341	208		0.21					
53373	247	244	0.25	0.24				
53375					960	0.96		
53382	924		0.92					
54001	68		0.07					

Certified by Jing Lin

Jing Lin, M Sc.

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Established 1928

Swastika Laboratories Ltd

Assaying - Consulting - Representation

Assay Certificate

Certificate Number: 11-1172

Company: **Queenston Mining Inc.**

Project: Lebel

Report Date: 04-May-11

Attn: Dan McCormack

We hereby certify the following Assay of 31 pulp samples submitted 29-Mar-11 by Dan McCormack

Sample Number	Au FA-AAS ppb	Au Chk FA-AAS ppb	Au FA-AAS g/Mt	Au Chk FA-AAS g/Mt	Au FA-GRAV ppb	Au FA-GRAV g/Mt	Au Chk FA-GRAV ppb	Au Chk FA-GRAV g/Mt
54036	607		0.61					
54110	300	328	0.30	0.33				
54078					1371	1.37		1.27
54134	1407		1.41					1.44
Blank Value	3		< 0.01					
SH41	1388		1.39					
54038	1824		1.82					1.75
54055					1647	1.65		1.58
54047					6040	6.04		6.55
54054	716		0.72					

Certified by Jing Lin

Jing Lin, M Sc.

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Swastika Laboratories Ltd

Established 1928

Assaying - Consulting - Representation

Assay Certificate

Certificate Number: 11-1174

Company: **Queenston Mining Inc.**

Project: Lebel

Report Date: 08-Apr-11

Attn: Dan McCormack

We hereby certify the following Assay of 26 rejects samples submitted 29-Mar-11 by Dan McCormack

Sample Number	Au FA-AAS ppb	Au Chk FA-AAS ppb	Au FA-AAS g/Mt	Au Chk FA-AAS g/Mt	Au FA-GRAV ppb	Au Chk FA-GRAV ppb	Au FA-GRAV g/Mt	Au Chk FA-GRAV g/Mt
53154	16		< 0.01					
54054	700		0.70					
52813	1137		1.14					1.10
46433	142		0.14					
48248	150		0.15					
46416	< 2		< 0.01					
46362	1117		1.12					1.10
47070	897		0.90					
47074	369		0.37					
48436					5491		5.49	5.62
52024	486		0.49					
51657					1988		1.99	1.92
51663	1289		1.29					1.10
46937	111		0.11					
46939	121		0.12					
51920	752		0.75					
51928	1193		1.19					1.17
51931	117		0.12					
51933	398		0.40					
51939					1714		1.71	1.92
51940	262		0.26					
51941					4801		4.80	4.87
Blank Value	< 2		< 0.01					
51964	606		0.61					
51968	501		0.50					
46569					5418		5.42	5.56
SH41	1340		1.34					
46592	893		0.89					

Certified by Jing Lin

Jing Lin, M Sc.

1 Cameron Ave., P.O. Box 10, Swastika, Ontario P0K 1T0
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Established 1928

Swastika Laboratories Ltd

Assaying - Consulting - Representation

Assay Certificate

Certificate Number: 11-1578

Company: **Queenston Mining Inc.**

Project: Lebel

Report Date: 04-May-11

Attn: Dan McCormack

We hereby certify the following Assay of 2 rejects samples submitted 25-Apr-11 by Dan McCormack

Sample Number	Au FA-AAS ppb	Au Chk FA-AAS ppb	Au FA-AAS g/Mt	Au Chk FA-AAS g/Mt	Au Chk FA-GRAV ppb	Au Chk FA-GRAV g/Mt
54805	147		0.15			
54810	1194		1.19			1.23

Certified by Jing Lin

Jing Lin, M Sc.

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Swastika Laboratories Ltd

Established 1928

Assaying - Consulting - Representation

Assay Certificate

Certificate Number: 11-1879

Company: **Queenston Mining Inc.**

Project: Lebel

Report Date: 03-Jun-11

Attn: Dan McCormack

We hereby certify the following Assay of 23 rejects samples submitted 13-May-11 by Dan McCormack

Sample Number	Au FA-AAS ppb	Au Chk FA-AAS ppb	Au FA-AAS g/Mt	Au Chk FA-AAS g/Mt	Au FA-GRAV ppb	Au FA-GRAV g/Mt	Au Chk FA-GRAV ppb	Au Chk FA-GRAV g/Mt
30171					9547	9.55		10.11
30218					3836	3.84		3.81
29991					2329	2.33		2.34
2026	888		0.89					
2045	252		0.25					
2058	83		0.08					
2121	372		0.37					
2147	291		0.29					
2172	984		0.98					
30311	531	533	0.53	0.53				
Blank Value	3		< 0.01					
SH41	1331		1.33					
30313					3425	3.42		3.36
29920	929		0.93					1.10
29982	2236		2.24					1.92
29982	653		0.65					
30050	2328		2.33					2.06
30059					19204	19.20		18.66
30083					3425	3.42		3.43
30162	452		0.45					
30191	39		0.04					
30107	1362		1.36					1.37
30110					14051	14.05		13.94
30129					3495	3.49		3.29
1916	488		0.49					

Certified by Jing Lin

Jing Lin, M Sc.

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Swastika Laboratories Ltd

Established 1928

Assaying - Consulting - Representation

Assay Certificate

Certificate Number: 11-2362

Company: **Queenston Mining Inc.**

Project: Lebel

Report Date: 12-Jul-11

Attn: Dan McCormack

We hereby certify the following Assay of 21 rejects samples submitted 14-Jun-11 by Dan McCormack

Sample Number		Au FA-AAS ppb	Au Chk FA-AAS ppb	Au FA-AAS g/Mt	Au Chk FA-AAS g/Mt	Au FA-GRAV ppb	Au FA-GRAV g/Mt	Au Chk FA-GRAV ppb	Au Chk FA-GRAV g/Mt
0199						3772	3.77		3.60
0177						3633	3.63		3.57
0256						11446	11.45		12.01
0308						2814	2.81		3.01
0312		1591		1.59					1.58
0322						2812	2.81		2.95
0327						8162	8.16		8.98
0329						5830	5.83		5.61
2355	1					2329	2.33		2.30
1896		2245		2.25					2.23
Blank Value		3		< 0.01					
30329						4184	4.18		4.18
2373		628		0.63					
2450		2240		2.24					2.29
2458		246		0.25					
2498		997		1.00					1.03
0592		50		0.05					
2427						2397	2.40		2.57
SH41		1376		1.38					
0571		86		0.09					
0580		73		0.07					
0594		89	84	0.09	0.08				
2215						1680	1.68		1.65

1. No Reject

Certified by Denis Chartre

Denis Chartre

1 Cameron Ave., P.O. Box 10, Swastika, Ontario P0K 1T0
Telephone (705) 642-3244 Fax (705) 642-3300

Swastika Laboratories Ltd

Established 1928

Assaying - Consulting - Representation

Assay Certificate

Certificate Number: 11-2422

Company: **Queenston Mining Inc.**

Project: Lebel

Report Date: 12-Jul-11

Attn: Dan McCormack

We hereby certify the following Assay of 15 rejects samples submitted 21-Jun-11 by Dan McCormack

Sample Number		Au FA-AAS ppb	Au Chk FA-AAS ppb	Au FA-AAS g/Mt	Au Chk FA-AAS g/Mt	Au FA-GRAV ppb	Au FA-GRAV g/Mt	Au Chk FA-GRAV ppb	Au Chk FA-GRAV g/Mt
1441		666		0.67					
1442		937		0.94					0.96
1541						2329	2.33		2.67
0426						168197	168.20		170.44
0428						17923	17.92		18.10
0430						2912	2.91		2.85
1434		703		0.70					
1446		945		0.95					
1458	1					1714	1.71		1.75
1493		869	828	0.87	0.83				
Blank Value		2		< 0.01					
1516						3291	3.29		3.16
SH41		1388		1.39					
1522		642	660	0.64	0.66				
0380						4285	4.29		3.98
2300	2								
2003	3					3600	3.60		3.78

1. No Reject
2. listed not received
3. received not listed

Certified by Denis Chartre

Denis Chartre

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Assay Certificate

Certificate Number: 11-2423

Company: **Queenston Mining Inc.**

Project: Lebel

Report Date: 13-Jul-11

Attn: Dan McCormack

We hereby certify the following Assay of 14 pulp samples submitted 21-Jun-11 by Dan McCormack

Sample Number	Au FA-AAS ppb	Au Chk FA-AAS ppb	Au FA-AAS g/Mt	Au Chk FA-AAS g/Mt	Au FA-GRAV ppb	Au FA-GRAV g/Mt	Au Chk FA-GRAV ppb	Au Chk FA-GRAV g/Mt
1460	889		0.89					
1461	394		0.39					
1462	252		0.25					
0426					145956	145.96		144.78
0428					10528	10.53		11.12
0430	2315		2.32					2.30
1434	660		0.66					
1446	872		0.87					
1458	1569		1.57					1.61
1493	946	940	0.95	0.94				
Blank Value	4		< 0.01					
SH41	1363		1.36					
1516	3903		3.90					3.91
1522	635		0.64					
0380					4011	4.01		4.12
1896	2344		2.34					2.23

Certified by Denis Chartre

Denis Chartre

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Assay Certificate

Certificate Number: 11-2584

Company: **Queenston Mining Inc.**

Project: Lebel

Report Date: 21-Jul-11

Attn: Dan McCormack

We hereby certify the following Assay of 17 pulp samples submitted 06-Jul-11 by Mike Sutton

Sample Number		Au FA-AAS ppb	Au Chk FA-AAS ppb	Au FA-AAS g/Mt	Au Chk FA-AAS g/Mt	Au FA-GRAV ppb	Au FA-GRAV g/Mt	Au Chk FA-GRAV ppb	Au Chk FA-GRAV g/Mt
2215						1645	1.64		1.85
0464						1303	1.30		1.34
0495						4251	4.25		4.29
1615						1063	1.06		1.06
1644		779		0.78					0.86
1651						2777	2.78		3.01
1666		231		0.23					
1541						2503	2.50		2.54
1563		219		0.22					
1564		632		0.63					0.58
2398		842		0.84					
3613	1	261		0.26					
3615	1	148		0.15					
3616	1	118		0.12					
3617	1	130		0.13					
3618	1	137		0.14					
3619	1	204		0.20					
Blank Value		< 2		< 0.01					
SH41		1324		1.32					

1. received not listed

Certified by Denis Chartre

Denis Chartre

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Assay Certificate

Certificate Number: 11-2585

Company: **Queenston Mining Inc.**

Project: Lebel

Report Date: 30-Aug-11

Attn: Dan McCormack

We hereby certify the following Assay of 15 rejects samples submitted 06-Jul-11 by Mike Sutton

Sample Number		Au FA-AAS ppb	Au Chk FA-AAS ppb	Au FA-AAS g/Mt	Au Chk FA-AAS g/Mt	Au FA-GRAV ppb	Au FA-GRAV g/Mt	Au Chk FA-GRAV ppb	Au Chk FA-GRAV g/Mt
0495						4563	4.56		4.69
3609		132		0.13					
1615		1029		1.03					1.03
1644		813		0.81					
1651						3228	3.23		2.98
1666		269		0.27					
1617		1134		1.13					1.03
3613	1	419		0.42					
3615	1	156		0.16					
3616	1	103	104	0.10	0.10				
Blank Value		4		< 0.01					
SH41		1322		1.32					
3617	1	165		0.16					
3618	1	127		0.13					
3619	1	201		0.20					
3729	1	1532		1.53					1.68
3730	1					3221	3.22		3.12

1. received not listed

Certified by Jing Lin

Jing Lin, M Sc.

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Certificate Number: 11-2974

Company: **Queenston Mining Inc.**

Project: Lebel

Report Date: 29-Aug-11

Attn: Dan McCormack

We hereby certify the following Assay of 34 pulp samples submitted 15-Aug-11 by Dan McCormack

Sample Number	Au FA-AAS ppb	Au Chk FA-AAS ppb	Au FA-AAS g/Mt	Au Chk FA-AAS g/Mt	Au FA-GRAV ppb	Au FA-GRAV g/Mt	Au Chk FA-GRAV ppb	Au Chk FA-GRAV g/Mt
3711	1075		1.08					1.13
3769					6380	6.38		5.83
3770	1225		1.23					1.30
3864					8778	8.78		8.54
3887	383		0.38					
3956	296		0.30					
1001					3844	3.84		3.43
1025	893		0.89					
0519					7099	7.10		7.16
0608					3253	3.25		3.29
Blank Value	< 2		< 0.01					
SH41	1344		1.34					
0637	846		0.85					
0669	2696		2.70					2.71
0685					5927	5.93		6.62
0807	1173		1.17					1.16
0809					4010	4.01		4.39
0833					2366	2.37		2.36
0914					3701	3.70		3.88
0942	589		0.59					
1321	983		0.98					1.03
1326	593	645	0.59	0.65				
1337					2021	2.02		1.78
2834	585		0.59					
2900					1543	1.54		1.58

Certified by Jing Lin

Jing Lin, M Sc.

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Assay Certificate

Certificate Number: 11-2974

Company: **Queenston Mining Inc.**

Project: Lebel

Report Date: 29-Aug-11

Attn: Dan McCormack

We hereby certify the following Assay of 34 pulp samples submitted 15-Aug-11 by Dan McCormack

Sample Number	Au FA-AAS ppb	Au Chk FA-AAS ppb	Au FA-AAS g/Mt	Au Chk FA-AAS g/Mt	Au FA-GRAV ppb	Au FA-GRAV g/Mt	Au Chk FA-GRAV ppb	Au Chk FA-GRAV g/Mt
1617	760		0.76					
3729					2331	2.33		2.06
3730					3704	3.70		3.74
1249					1406	1.41		1.37
1250	345		0.35					
Blank Value	< 2		< 0.01					
SH41	1319		1.32					
1251	634		0.63					
1252	80	97	0.08	0.10				
1253	61		0.06					
2833	297		0.30					
0520	709		0.71					
1336	147		0.15					

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Certificate Number: 11-3174

Company: **Queenston Mining Inc.**

Project: Lebel

Report Date: 07-Oct-11

Attn: Dan McCormack

We hereby certify the following Assay of 37 pulp samples submitted 14-Sep-11 by Dan McCormack

Sample Number	Au FA-AAS ppb	Au Chk FA-AAS ppb	Au FA-AAS g/Mt	Au Chk FA-AAS g/Mt	Au FA-GRAV ppb	Au FA-GRAV g/Mt	Au Chk FA-GRAV ppb	Au Chk FA-GRAV g/Mt
3286	173		0.17					
4666	2694		2.69					2.71
4667	809		0.81					
4669	1982		1.98					2.05
3457	259		0.26					
3458					3396	3.40		3.43
3393	1004		1.00					0.96
3407	1950		1.95					1.78
4679	439		0.44					
4681	859	915	0.86	0.92				
Blank Value	3		< 0.01					
3428					12959	12.96		14.15
3147	738		0.74					
4617					3325	3.33		3.56
3391					7745	7.75		7.64
3392	131		0.13					
4646	610		0.61					
3265	679		0.68					
3250	1088		1.09					1.03
4042					7748	7.75		7.62
4010	1473		1.47					1.47
4012					9801	9.80		9.47
4014	851		0.85					
3157					1371	1.37		1.23
3177					2640	2.64		2.54

Certified by Jing Lin

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Assay Certificate

Certificate Number: 11-3174

Company: **Queenston Mining Inc.**

Project: Lebel

Report Date: 07-Oct-11

Attn: Dan McCormack

We hereby certify the following Assay of 37 pulp samples submitted 14-Sep-11 by Dan McCormack

Sample Number	Au FA-AAS ppb	Au Chk FA-AAS ppb	Au FA-AAS g/Mt	Au Chk FA-AAS g/Mt	Au FA-GRAV ppb	Au FA-GRAV g/Mt	Au Chk FA-GRAV ppb	Au Chk FA-GRAV g/Mt
3148	3		< 0.01					
3045					3838	3.84		4.18
3047	207		0.21					
1179	427		0.43					
Blank Value	5		< 0.01					
OxH82	1303		1.30					
1181	880		0.88					
1198	891	916	0.89	0.92				
1060	530		0.53					
1079	156		0.16					
2746	1092		1.09					1.03
2947	436		0.44					
2948	540		0.54					
2967					10494	10.49		10.36
OxH82	1261		1.26					
2974	2874		2.87					2.78

Certified by Jing Lin

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Certificate Number: 11-3175

Company: **Queenston Mining Inc.**

Project: Lebel

Report Date: 04-Oct-11

Attn: Dan McCormack

We hereby certify the following Assay of 31 rejects samples submitted 14-Sep-11 by Dan McCormack

Sample Number	Au FA-AAS ppb	Au Chk FA-AAS ppb	Au FA-AAS g/Mt	Au Chk FA-AAS g/Mt	Au FA-GRAV ppb	Au FA-GRAV g/Mt	Au Chk FA-GRAV ppb	Au Chk FA-GRAV g/Mt
3287					3258	3.26		3.29
3286	256		0.26					
4666					2570	2.57		2.60
4667	1145		1.15					1.13
4669					1748	1.75		1.85
3457	225		0.23					
3458					3257	3.26		3.22
3393	1119		1.12					1.06
3407					1851	1.85		1.99
4679	439	402	0.44	0.40				
Blank Value	2		< 0.01					
4681	683		0.68					
3428					12967	12.97		13.53
3147	480		0.48					
4617					3118	3.12		3.22
OxH82	1273		1.27					
3391					8714	8.71		8.35
4646	636		0.64					
3250	861		0.86					
4042					7055	7.05		6.93
3157					1268	1.27		1.37
3177					4288	4.29		4.32
3148	10		0.01					
3045					4248	4.25		4.29
3047	137		0.14					

Certified by J. Lin

Jing Lin, M Sc.

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Assay Certificate

Certificate Number: 11-3175

Company: **Queenston Mining Inc.**

Project: Lebel

Report Date: 04-Oct-11

Attn: Dan McCormack

We hereby certify the following Assay of 31 rejects samples submitted 14-Sep-11 by Dan McCormack

Sample Number	Au FA-AAS ppb	Au Chk FA-AAS ppb	Au FA-AAS g/Mt	Au Chk FA-AAS g/Mt	Au FA-GRAV ppb	Au FA-GRAV g/Mt	Au Chk FA-GRAV ppb	Au Chk FA-GRAV g/Mt
1179	439		0.44					
1181	759		0.76					
1198	1040		1.04					1.03
1060	403		0.40					
Blank Value	5		< 0.01					
OxH82	1259		1.26					
2946	1008		1.01					0.99
2947	475		0.48					
2967					9846	9.85		9.95
2974	768		0.77					

Certified by Jing Lin

Jing Lin, M Sc.

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Assay Certificate

Certificate Number: 11-3256

Company: **Queenston Mining Inc.**

Project: Lebel

Report Date: 03-Oct-11

Attn: Dan McCormack

We hereby certify the following Assay of 8 pulp samples submitted 22-Sep-11 by Dan McCormack

Sample Number	Au FA-AAS ppb	Au FA-AAS g/Mt	Au Chk FA-AAS ppb	Au Chk FA-AAS g/Mt	Au FA-GRAV ppb	Au FA-GRAV g/Mt	Au Chk FA-GRAV ppb	Au Chk FA-GRAV g/Mt
2827	118	0.12						
3553	736	0.74						
3521					1818	1.82		1.75
4811					5245	5.25		5.28
4075					1164	1.16		1.10
Blank Value	3	< 0.01						
OxH82	1250	1.25						
4749					1063	1.06		0.99
3520	790	0.79						
3555	469	0.47						

Certified by J. Lin

Jing Lin, M Sc.

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Assay Certificate

Certificate Number: 11-3257

Company: **Queenston Mining Inc.**

Project: Lebel

Report Date: 25-Nov-11

Attn: Dan McCormack

We hereby certify the following Assay of 7 rejects samples submitted 22-Sep-11 by Dan McCormack

Sample Number	Au FA-AAS ppb	Au Chk FA-AAS ppb	Au FA-AAS g/Mt	Au Chk FA-AAS g/Mt	Au Chk FA-GRAV ppb	Au Chk FA-GRAV g/Mt
4811	2765		2.76			2.71
4749	1065		1.06			1.04
3520	784		0.78			
3521	966		0.97		960	0.96
3553	759		0.76			
3555	477		0.48			
4075	1118		1.12			1.10
Blank Value	8		< 0.01			
OxH82	1262		1.26			

Certified by Jing Lin

Jing Lin, M Sc.

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Assay Certificate

Certificate Number: 11-3358

Company: **Queenston Mining Inc.**

Project: Lebel

Report Date: 28-Oct-11

Attn: Dan McCormack

We hereby certify the following Assay of 17 pulp samples submitted 04-Oct-11 by Dan McCormack

Sample Number	Au FA-AAS ppb	Au Chk FA-AAS ppb	Au FA-AAS g/Mt	Au Chk FA-AAS g/Mt	Au FA-GRAV ppb	Au FA-GRAV g/Mt	Au Chk FA-GRAV ppb	Au Chk FA-GRAV g/Mt
4090	72821		72.82					78.90
4108	2101		2.10					1.99
4129	890		0.89				858	0.86
4133	1027		1.03				960	0.96
4152	1446		1.45					1.37
4161	5020		5.02					4.56
4235					2847	2.85		2.60
4236					5005	5.01		5.11
4238	1014		1.01				959	0.96
4832	1932		1.93					2.16
Blank Value	7		< 0.01					
OxH82	1291		1.29					
4834	950		0.95				925	0.93
4907	710		0.71					
4908	1809		1.81					1.92
4933	1144		1.14					1.23
4871	915		0.92				959	0.96
4873	5190		5.19					5.10
4875					40171	40.17		40.87

Certified by Jing Lin

Jing Lin, M Sc.

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Assay Certificate

Certificate Number: 11-3359

Company: **Queenston Mining Inc.**

Project: Lebel

Report Date: 11-Nov-11

Attn: Dan McCormack

We hereby certify the following Assay of 18 rejects samples submitted 04-Oct-11 by Dan McCormack

Sample Number	Au FA-AAS ppb	Au Chk FA-AAS ppb	Au FA-AAS g/Mt	Au Chk FA-AAS g/Mt	Au FA-GRAV ppb	Au FA-GRAV g/Mt	Au Chk FA-GRAV ppb	Au Chk FA-GRAV g/Mt
4090					90538	90.54		90.53
4108					1475	1.48		1.34
4129	980		0.98				961	0.96
4133	1055		1.06					1.03
4152					1681	1.68		1.75
4161					5567	5.57		5.32
4235					2914	2.91		2.85
4236					5898	5.90		6.04
4238	1069		1.07					0.98
4832					2295	2.30		2.29
4834					1199	1.20		1.23
4907	672		0.67					
4908					2776	2.78		2.91
Blank Value	< 2		< 0.01					
4933					1062	1.06		1.11
OxH82	1271		1.27					
4871					1166	1.17		1.17
4873					6479	6.48		6.34
4875					35185	35.19		34.90
4912	986		0.99					1.17

Certified by Jing Lin

Jing Lin, M Sc.

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Assay Certificate

Certificate Number: 11-3523

Company: **Queenston Mining Inc.**

Project: Lebel

Report Date: 14-Nov-11

Attn: Dan McCormack

We hereby certify the following Assay of 29 pulp samples submitted 24-Oct-11 by Dan McCormack

Sample Number	Au FA-AAS ppb	Au Chk FA-AAS ppb	Au FA-AAS g/Mt	Au Chk FA-AAS g/Mt	Au FA-GRAV ppb	Au FA-GRAV g/Mt	Au Chk FA-GRAV ppb	Au Chk FA-GRAV g/Mt
4912	571	406	0.57	0.41				
4963	1100		1.10					1.03
5022	1204		1.20					1.23
5057	547		0.55					
5084	229		0.23					
5151	514		0.51					
5173	189		0.19					
4256	883		0.88					
4264					2951	2.95		2.88
4944	528	600	0.53	0.60				
Blank Value	< 2		< 0.01					
OxH82	1275		1.28					
5603	274		0.27					
5631	628		0.63					
4554	688		0.69					
4576	890		0.89					
4504	737		0.74					
4505	625		0.63					
4377					1611	1.61		1.58
4419	3076		3.08					3.36
5726	50		0.05					
5765	82	81	0.08	0.08				
5459	1197		1.20					1.27
7014	766		0.77					
5185	59		0.06					

Certified by Jing Lin

Jing Lin, M Sc.

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Certificate Number: 11-3523

Company: **Queenston Mining Inc.**

Project: Lebel

Report Date: 14-Nov-11

Attn: Dan McCormack

We hereby certify the following Assay of 29 pulp samples submitted 24-Oct-11 by Dan McCormack

Sample Number	Au FA-AAS ppb	Au Chk FA-AAS ppb	Au FA-AAS g/Mt	Au Chk FA-AAS g/Mt	Au FA-GRAV ppb	Au FA-GRAV g/Mt	Au Chk FA-GRAV ppb	Au Chk FA-GRAV g/Mt
5226	548		0.55					
5279	58		0.06					
5367	84		0.08					
5386					1474	1.47		1.44
5394	43		0.04					
Blank Value	< 2		< 0.01					
OxH82	1267		1.27					
5464	65		0.06					

Certified by Jing Lin

Jing Lin, M Sc.

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Assay Certificate

Certificate Number: 11-3524

Company: **Queenston Mining Inc.**

Project: Lebel

Report Date: 23-Nov-11

Attn: Dan McCormack

We hereby certify the following Assay of 30 rejects samples submitted 24-Oct-11 by Dan McCormack

Sample Number	Au FA-AAS ppb	Au Chk FA-AAS ppb	Au FA-AAS g/Mt	Au Chk FA-AAS g/Mt	Au FA-GRAV ppb	Au FA-GRAV g/Mt	Au Chk FA-GRAV ppb	Au Chk FA-GRAV g/Mt
5022	1325		1.33					1.34
5057	499		0.50					
5084	204		0.20					
5151	484		0.48					
5173	207		0.21					
4256	1078		1.08					1.06
4264	2961		2.96					2.81
5603	265		0.27					
5631	518		0.52					
5644	2776		2.78					2.50
Blank Value	< 2		< 0.01					
OxH82	1289		1.29					
4554	834		0.83					
4576	354		0.35					
4504	473		0.47					
4505	700		0.70					
4377	1477		1.48					1.58
4419	3552		3.55					3.84
5726	474		0.47					
5765	132		0.13					
5459	302		0.30					
5436	2722		2.72					2.98
5437	378		0.38					
5438					1028	1.03		1.06
5445	269		0.27					

Certified by Jing Lin

Jing Lin, M Sc.

1 Cameron Ave., P.O. Box 10, Swastika, Ontario P0K 1T0
Telephone (705) 642-3244 Fax (705) 642-3300

Established 1928

Swastika Laboratories Ltd

Assaying - Consulting - Representation

Assay Certificate

Certificate Number: 11-3524

Company: **Queenston Mining Inc.**

Project: Lebel

Report Date: 23-Nov-11

Attn: Dan McCormack

We hereby certify the following Assay of 30 rejects samples submitted 24-Oct-11 by Dan McCormack

Sample Number	Au FA-AAS ppb	Au Chk FA-AAS ppb	Au FA-AAS g/Mt	Au Chk FA-AAS g/Mt	Au FA-GRAV ppb	Au FA-GRAV g/Mt	Au Chk FA-GRAV ppb	Au Chk FA-GRAV g/Mt
7014	851		0.85					
5185	68		0.07					
5226	62		0.06					
5279	62		0.06					
5367	91		0.09					
Blank Value	5		< 0.01					
OxH82	1285		1.29					
5386	1543		1.54					1.51
5394	76	48	0.08	0.05				

Certified by Jing Lin

Jing Lin, M Sc.

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Swastika Laboratories Ltd

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Assaying - Consulting - Representation

Assay Certificate

Certificate Number: 11-3620

Company: **Queenston Mining Inc.**

Project: LEBEL

Report Date: 29-Nov-11

Attn: Dan McCormack

We hereby certify the following Assay of 29 rejects samples submitted 03-Nov-11 by Dan McCormack

Sample Number		Au FA-AAS ppb	Au Chk FA-AAS ppb	Au FA-AAS g/Mt	Au Chk FA-AAS g/Mt	Au FA-GRAV ppb	Au FA-GRAV g/Mt	Au Chk FA-GRAV ppb	Au Chk FA-GRAV g/Mt
05888		102		0.10					
05891		2233		2.23					2.18
05892		21		0.02					
05894		704		0.70					
05837		1755		1.76					1.82
05890	1	22		0.02					
07242		1336		1.34					1.27
08008		1720		1.72					1.75
06331		81		0.08					
07022		393	424	0.39	0.42				
Blank Value		< 2		< 0.01					
07133		339		0.34					
OxH82		1272		1.27					
07134		96		0.10					
07066		1293		1.29					1.17
07104		398		0.40					
07181		759		0.76					
07183		927		0.93					
07184		846		0.85					
07185		242		0.24					
07186		816		0.82					
07235		91		0.09					
07244		176		0.18					
07249		71		0.07					
07286		786		0.79					

1. No Reject

Certified by Jing Lin

Jing Lin, M Sc.

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Assaying - Consulting - Representation

Assay Certificate

Certificate Number: 11-3620

Company: **Queenston Mining Inc.**

Project: LEBEL

Report Date: 29-Nov-11

Attn: Dan McCormack

We hereby certify the following Assay of 29 rejects samples submitted 03-Nov-11 by Dan McCormack

Sample Number	Au FA-AAS ppb	Au Chk FA-AAS ppb	Au FA-AAS g/Mt	Au Chk FA-AAS g/Mt	Au FA-GRAV ppb	Au FA-GRAV g/Mt	Au Chk FA-GRAV ppb	Au Chk FA-GRAV g/Mt
07348	19660		19.66					19.50
07345	945		0.94					
07417	39		0.04					
07106	2320		2.32					2.26
07140	164		0.16					
07177	850		0.85					
Blank Value	< 2		< 0.01					
OxH82	1293		1.29					

1. No Reject

Certified by Jing Lin

Jing Lin, M Sc.

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Swastika Laboratories Ltd

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Assaying - Consulting - Representation

Assay Certificate

Certificate Number: 11-3895

Company: **Queenston Mining Inc.**

Project: Lebel

Report Date: 16-Dec-11

Attn: Dan McCormack

We hereby certify the following Assay of 32 pulp samples submitted 12-Dec-11 by Dan McCormack

Sample Number	Au FA-AAS ppb	Au Chk FA-AAS ppb	Au FA-AAS g/Mt	Au Chk FA-AAS g/Mt	Au Chk FA-GRAV ppb	Au Chk FA-GRAV g/Mt
7924	790		0.79			
7901	893		0.89			
7673	603		0.60			
7654	591		0.59			
7436	607		0.61			
8188	28		0.03			
6921	2226		2.23			2.26
7521	3842		3.84			3.84
8497	941		0.94			
7527	840	848	0.84	0.85		
Blank Value	< 2		< 0.01			
OxH82	1269		1.27			
7577	918		0.92			
7554	960		0.96			
6586	7077		7.08			6.86
8231	313		0.31			
8230	170		0.17			
7690	3683		3.68			4.43
7617	3015		3.02			2.78
7902	12992		12.99			12.24
7858	1489		1.49			1.37
7808	3593		3.59			3.86
6699	9133		9.13			9.50
6627	905		0.91			
6783	5731		5.73			

Certified by J. Lin

Jing Lin, M Sc.

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Established 1928

Swastika Laboratories Ltd

Assaying - Consulting - Representation

Assay Certificate

Certificate Number: 11-3895

Company: **Queenston Mining Inc.**

Project: Lebel

Report Date: 16-Dec-11

Attn: Dan McCormack

We hereby certify the following Assay of 32 pulp samples submitted 12-Dec-11 by Dan McCormack

Sample Number	Au FA-AAS ppb	Au Chk FA-AAS ppb	Au FA-AAS g/Mt	Au Chk FA-AAS g/Mt	Au Chk FA-GRAV ppb	Au Chk FA-GRAV g/Mt
6771	53		0.05			
6773	31		0.03			
6774	14		0.01			
6777	14		0.01			
6778	10		0.01			
6779	15		0.01			
Blank Value	6		< 0.01			
OxH82	1289		1.29			
6780	20	18	0.02	0.02		
6781	28		0.03			
6782	251		0.25			

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Assaying - Consulting - Representation

Assay Certificate

Certificate Number: 11-951

Company: **Queenston Mining Inc.**

Project: Lebel

Report Date: 12-Apr-11

Attn: Dan McCormack

We hereby certify the following Assay of 48 pulp samples submitted 15-Mar-11 by Dan McCormack

Sample Number	Au FA-AAS ppb	Au Chk FA-AAS ppb	Au FA-AAS g/Mt	Au Chk FA-AAS g/Mt	Au FA-GRAV ppb	Au FA-GRAV g/Mt	Au Chk FA-GRAV ppb	Au Chk FA-GRAV g/Mt
52119					5834	5.83		5.90
52121	1818		1.82					1.47
52724	479		0.48					
52727	1242		1.24					1.03
52743					1782	1.78		1.54
52755	556		0.56					
52759	1639		1.64					1.58
52768	403		0.40					
52769	558		0.56					
52779	371		0.37					
52780					2538	2.54		2.54
52787	3188		3.19					3.16
54153					2195	2.19		1.99
54175					4044	4.04		3.63
54192	235		0.23					
52930					2541	2.54		2.23
52931	804		0.80					
52941					5559	5.56		5.83
52953	1817		1.82					1.82
52954	379	370	0.38	0.37				
52956	690		0.69					
52970	582		0.58					
52986					5350	5.35		5.20
52581	565		0.56					
52594	337		0.34					

Certified by Jing Lin

Jing Lin, M Sc.

1. listed not received
2. received not listed

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Swastika Laboratories Ltd

Assaying - Consulting - Representation

Assay Certificate

Certificate Number: 11-951

Company: **Queenston Mining Inc.**

Project: Lebel

Report Date: 12-Apr-11

Attn: Dan McCormack

We hereby certify the following Assay of 48 pulp samples submitted 15-Mar-11 by Dan McCormack

Sample Number		Au FA-AAS ppb	Au Chk FA-AAS ppb	Au FA-AAS g/Mt	Au Chk FA-AAS g/Mt	Au FA-GRAV ppb	Au FA-GRAV g/Mt	Au Chk FA-GRAV ppb	Au Chk FA-GRAV g/Mt
52604		956		0.96					
52620		504		0.50					
52676		2497		2.50					2.43
Blank Value		6		< 0.01					
SH41		1399		1.40					
52678						3841	3.84		3.16
Blank Value		4		< 0.01					
52408		1267		1.27					1.27
52411		1256		1.26					1.34
52446						7951	7.95		7.54
SH41		1380		1.38					
52470		170		0.17					
52489		524		0.52					
52496		733		0.73					
52382		110		0.11					
52383		1601		1.60					1.44
52384		4895		4.90					5.49
52385						17970	17.97		19.60
52392		561		0.56					
48496		128		0.13					
48462		990		0.99					
48463		1107		1.11					1.13
52540						7547	7.55		7.71
52815		678		0.68					
52816		961		0.96					
52448	1								
52468	2	149		0.15					

Certified by Jing Lin

Jing Lin, M Sc.

1. listed not received
2. received not listed

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Assay Certificate

Certificate Number: 11-952

Company: **Queenston Mining Inc.**

Project: Lebel

Report Date: 12-Apr-11

Attn: Dan McCormack

We hereby certify the following Assay of 49 rejects samples submitted 15-Mar-11 by Dan McCormack

Sample Number	Au FA-AAS ppb	Au Chk FA-AAS ppb	Au FA-AAS g/Mt	Au Chk FA-AAS g/Mt	Au FA-GRAV ppb	Au FA-GRAV g/Mt	Au Chk FA-GRAV ppb	Au Chk FA-GRAV g/Mt
52119					6108	6.11		6.58
52121					1578	1.58		1.44
52724	558		0.56					
52727	1172		1.17					1.27
52743	1788		1.79					1.99
52755	582		0.58					
52759					1714	1.71		1.78
52768	438		0.44					
52769	482		0.48					
52779	289		0.29					
Blank Value	3		< 0.01					
52780					3432	3.43		3.44
52787	3702		3.70					3.36
54153	2655		2.65					2.40
54175					3635	3.64		3.98
54192	284		0.28					
52930	1925		1.92					1.99
52931	572		0.57					
52941					5701	5.70		5.76
52953	2335		2.34					2.30
52954	366	291	0.37	0.29				
52956	754		0.75					
52970	706		0.71					
52986	4031		4.03					4.04
52581	480		0.48					

Certified by Jing Lin

Jing Lin, M Sc.

1. listed not received
2. received not listed

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Assaying - Consulting - Representation

Assay Certificate

Certificate Number: 11-952

Company: **Queenston Mining Inc.**

Project: Lebel

Report Date: 12-Apr-11

Attn: Dan McCormack

We hereby certify the following Assay of 49 rejects samples submitted 15-Mar-11 by Dan McCormack

Sample Number		Au FA-AAS ppb	Au Chk FA-AAS ppb	Au FA-AAS g/Mt	Au Chk FA-AAS g/Mt	Au FA-GRAV ppb	Au FA-GRAV g/Mt	Au Chk FA-GRAV ppb	Au Chk FA-GRAV g/Mt
52594		268		0.27					
52604		843		0.84					
52620		590		0.59					
52676		2375		2.38					2.26
Blank Value		< 2		< 0.01					
SH41		1353		1.35					
52678						4595	4.60		4.39
52408		1390		1.39					1.41
52411						1235	1.23		1.20
52446						8162	8.16		8.56
52470		207		0.21					
52489		796		0.80					
52496		501		0.50					
52382		99		0.10					
52383						1510	1.51		1.61
52384						5559	5.56		5.36
SH41		1341		1.34					
52385						17982	17.98		18.68
52392		838		0.84					
48496		165		0.17					
48462		1001		1.00					0.99
48463		1628		1.63					1.68
52540						5144	5.14		4.87
52815		621		0.62					
52816		1155		1.15					1.13
52448	1								
52468	2	145	143	0.14	0.14				

Certified by Jing Lin

Jing Lin, M Sc.

1. listed not received
2. received not listed

1 Cameron Ave., P.O. Box 10, Swastika, Ontario P0K 1T0
Telephone (705) 642-3244 Fax (705) 642-3300

PolyMet Labs
A Division of Polymet Resources Ltd.

1 Presley St, P.O. Box 699, Cobalt, Ontario, Canada P0J 1C0
Tel: (705) 679-5500 • Fax: (705) 679-5519
Email: info@polymetinc.com Website: www.polymetinc.com

Certificate of Analysis

Queenston Mining Inc.
(Lebel Project)

We certify that the assay results in the following Certificates are factual and true.

Certificate #'s 11036, 11037, 11038, 11039, 11040, 11041, 11042, 11043, 11044, & 11045

Certified by: _____
Chief Assayer

Certified by: _____
President/Manager

Date: September 1, 2011

Disclaimer: The results included on this report relate only to the items tested. The Certificate of Analysis should not be reproduced except in full, without the written approval of the laboratory.

PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **11036**

Job No. 0-155

Date:
Sept. 1, 2011

Splits

Sample #	**Au Oz/ton**	**g/tonne**
4416	<.001	<.03
4417	<.001	<.03
4418	<.001	<.03
4419	Pend	
4420	<.001	<.03
4421	<.001	<.03
4422	<.001	<.03
4423	<.001	<.03
4424	<.001	<.03
4425	<.001	<.03
4426	<.001	<.03
4427	<.001	<.03
4428	0.014	0.480
4429	<.001	<.03
4430	<.001	<.03
4431	<.001	<.03
4432	<.001	<.03
4433	<.001	<.03
4434	0.052	1.783

18 **Splits**
1 **Pend**

Std OxL78	0.178	6.103
Blank	<.001	<.03

Certified Assayer:



PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **11037**

Job No. 0-155

Date:
Sept. 1, 2011

Splits

Sample #	**Au Oz/ton**	**g/tonne**
4435	0.002	0.069
4436	<.001	<.03
4437	<.001	<.03
4438	<.001	<.03
4439	0.016	0.549
4440	<.001	<.03
4441	<.001	<.03
4442	<.001	<.03
4443	<.001	<.03
4444	<.001	<.03
4445	<.001	<.03
4446	0.002	0.069
4447	Pend	
4448	<.001	<.03
4449	<.001	<.03
4450	<.001	<.03
4451	<.001	<.03
4452	<.001	<.03
4453	0.160	5.486
4454	<.001	<.03
4455	<.001	<.03
4456	<.001	<.03

21 **Splits**
1 **Pend**

Std OxL78	0.178	6.103
Blank	<.001	<.03

Certified Assayer:

PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **11038**

Job No. 0-155

Date:
Sept. 1, 2011

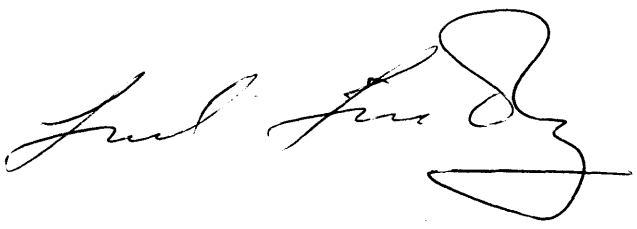
Splits

Sample #	**Au Oz/ton**	**g/tonne**
4457	<.001	<.03
4458	<.001	<.03
4459	<.001	<.03
4460	<.001	<.03
4461	<.001	<.03
4462	<.001	<.03
4463	<.001	<.03
4464	0.024	0.823
4465	<.001	<.03
4466	<.001	<.03
4467	<.001	<.03
4468	<.001	<.03
4469	<.001	<.03
4470	<.001	<.03
4471	<.001	<.03
4472	<.001	<.03
4473	0.048	1.646
4474	0.004	0.137
4475	<.001	<.03
4476	<.001	<.03
4477	<.001	<.03
4478	<.001	<.03

22 **Splits**

Std OxL78	0.176	6.034
Blank	<.001	<.03

Certified Assayer:



PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **11039**

Job No. 0-155

Date:
Sept. 1, 2011

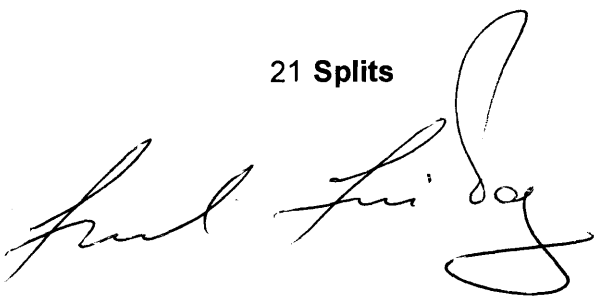
Splits

Sample #	**Au Oz/ton**	**g/tonne**
4479	<.001	<.03
4480	<.001	<.03
4481	<.001	<.03
4482	<.001	<.03
4483	<.001	<.03
4484	<.001	<.03
4485	<.001	<.03
4486	<.001	<.03
4487	<.001	<.03
4488	<.001	<.03
4489	<.001	<.03
4490	<.001	<.03
4491	<.001	<.03
4492	<.001	<.03
4493	0.164	5.623
4494	<.001	<.03
4495	<.001	<.03
4496	<.001	<.03
4497	<.001	<.03
4498	<.001	<.03
4499	<.001	<.03

21 **Splits**

Std OxL78	0.176	6.034
Blank	<.001	<.03

Certified Assayer:



PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **11040**

Job No. 0-155

Date:
Sept. 1, 2011

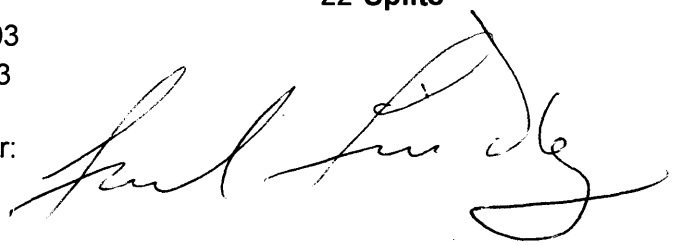
Splits

Sample #	**Au Oz/ton**	**g/tonne**
4500	<.001	<.03
4501	<.001	<.03
4502	<.001	<.03
4503	<.001	<.03
4504	0.024	0.823
4505	0.018	0.617
4506	<.001	<.03
4507	0.006	0.206
4508	0.002	0.069
4509	<.001	<.03
4510	<.001	<.03
4511	0.008	0.274
4512	<.001	<.03
4513	0.050	1.714
4514	0.006	0.206
4515	<.001	<.03
4516	0.014	0.480
4517	0.008	0.274
4518	0.006	0.206
4519	0.002	0.069
4520	<.001	<.03
4521	0.010	0.343

22 **Splits**

Std OxL78	0.178	6.103
Blank	<.001	<.03

Certified Assayer:



PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **11041**

Job No. 0-155

Date:
Sept. 1, 2011

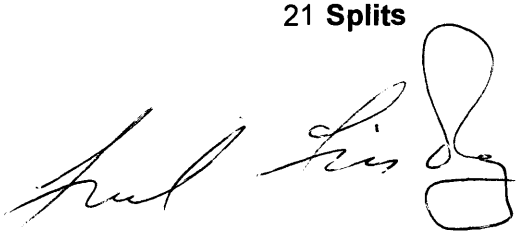
Splits

Sample #	**Au Oz/ton**	**g/tonne**
4522	<.001	<.03
4523	<.001	<.03
4524	<.001	<.03
4525	<.001	<.03
4526	<.001	<.03
4527	<.001	<.03
4528	<.001	<.03
4529	<.001	<.03
4530	<.001	<.03
4531	<.001	<.03
4532	<.001	<.03
4533	<.001	<.03
4534	<.001	<.03
4535	<.001	<.03
4536	0.162	5.554
05267	<.001	<.03
05268	0.002	0.069
05269	<.001	<.03
05270	<.001	<.03
05271	<.001	<.03
05272	<.001	<.03

21 **Splits**

Std OxL78	0.178	6.103
Blank	<.001	<.03

Certified Assayer:



PolyMet Laboratories

		Client:	Queenston (Lebel Project)
CERTIFICATE	**11042**	Job No.	0-155

Date:
Sept. 1, 2011

	Original		**Check**	
Sample #	**Au Oz/ton**	**g/tonne**	**Au Oz/ton**	**g/tonne**
4419	0.100	3.429	0.098	3.360
4447	0.082	2.811	0.102	3.497

2 + 4

Certified Assayer:

PolyMet Labs
A Division of Polymet Resources Ltd.

1 Presley St, P.O. Box 699, Cobalt, Ontario, Canada P0J 1C0
Tel: (705) 679-5500 • Fax: (705) 679-5519
Email: info@polymetinc.com Website: www.polymetinc.com

Certificate of Analysis

Queenston Mining Inc.
(Lebel Project)

We certify that the assay results in the following Certificates are factual and true.

Certificate #'s 11081, 11082, 11083, 11084, 11085, 11086, 11087, 11088, & 11089

Certified by: _____
Certified Assayer

Certified by: _____
President/Manager

Date: September 8, 2011

Disclaimer: The results included on this report relate only to the items tested. The Certificate of Analysis should not be reproduced except in full, without the written approval of the laboratory.

PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **11081**

Job No. 0-155

Date:
Sept. 8, 2011

Splits

Sample #	**Au Oz/ton**	**g/tonne**
4537	<.001	<.03
4538	<.001	<.03
4539	<.001	<.03
4540	<.001	<.03
4541	<.001	<.03
4542	<.001	<.03
4543	<.001	<.03
4544	<.001	<.03

8 **Splits**

Std OxL78	0.178	6.103
Blank	<.001	<.03

Certified Assayer: Carla Johnson

PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **11082**

Job No. 0-155

Date:
Sept. 8, 2011

Splits

Sample #	**Au Oz/ton**	**g/tonne**
4545	0.002	0.069
4546	<.001	<.03
4547	<.001	<.03
4548	<.001	<.03
4549	<.001	<.03
4550	0.004	0.137
4551	0.002	0.069
4552	<.001	<.03
4553	<.001	<.03
4554	0.024	0.823
4555	<.001	<.03
4556	<.001	<.03
4557	0.006	0.206
4558	0.002	0.069
4559	<.001	<.03
4560	0.002	0.069
4561	0.052	1.783
4562	0.002	0.069
4563	<.001	<.03
4564	<.001	<.03
4565	<.001	<.03
4566	<.001	<.03

22 **Splits**

Std OxL78	0.178	6.103
Blank	<.001	<.03

Certified Assayer: Carla Johnson

PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **11083**

Job No. 0-155

Date:
Sept. 8, 2011

Splits

Sample #	**Au Oz/ton**	**g/tonne**
4567	<.001	<.03
4568	<.001	<.03
4569	<.001	<.03
4570	0.016	0.549
4571	0.012	0.411
4572	0.002	0.069
4573	<.001	<.03
4574	<.001	<.03
4575	<.001	<.03
4576	Pend	
4577	<.001	<.03
4578	0.004	0.137
4579	<.001	<.03
4580	<.001	<.03
4581	<.001	<.03
4582	<.001	<.03
4583	<.001	<.03
4584	<.001	<.03
4585	0.170	5.829
4586	<.001	<.03
4587	<.001	<.03

20 **Splits**
1 **Pend**

Std OxL78	0.178	6.103
Blank	<.001	<.03

Certified Assayer: Carla Johnson

PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **11084**

Job No. 0-155

Date:
Sept. 8, 2011

Splits

Sample #	**Au Oz/ton**	**g/tonne**
4588	<.001	<.03
4589	<.001	<.03
4590	<.001	<.03
4591	0.002	0.069
4592	<.001	<.03
4593	<.001	<.03
4594	<.001	<.03
4595	<.001	<.03
4596	<.001	<.03
4597	<.001	<.03
4598	<.001	<.03
4599	<.001	<.03
4600	<.001	<.03
05501	<.001	<.03
05502	<.001	<.03
05503	<.001	<.03
05504	<.001	<.03
05505	<.001	<.03
05506	0.028	0.960
05507	0.006	0.206
05508	0.002	0.069
05509	0.050	1.714

22 **Splits**

Std OxL78	0.174	5.966
Blank	<.001	<.03

Certified Assayer: Linda Johnson

PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **11085**

Job No. 0-155

Date:
Sept. 8, 2011

Splits

Sample #	**Au Oz/ton**	**g/tonne**
05510	0.004	0.137
05511	<.001	<.03
05512	0.018	0.617
05513	Pend	
05514	0.002	0.069
05515	0.006	0.206
05516	0.002	0.069
05517	0.018	0.617
05518	<.001	<.03
05329	0.002	0.069
05330	<.001	<.03
05331	<.001	<.03
05332	0.002	0.069
05333	<.001	<.03
05334	<.001	<.03
05335	<.001	<.03
05336	<.001	<.03
05337	<.001	<.03
05338	<.001	<.03
05339	<.001	<.03
05340	<.001	<.03
05341	<.001	<.03

21 **Splits**
1 **Pend**

Std OxL78	0.174	5.966
Blank	<.001	<.03

Certified Assayer: Carla Johnson

PolyMet Laboratories

		Client:	Queenston (Lebel Project)
CERTIFICATE	**11089**	Job No.	0-155

Date:
Sept. 8, 2011

	Original		**Check**	
Sample #	**Au Oz/ton**	**g/tonne**	**Au Oz/ton**	**g/tonne**
4576	0.036	1.234	0.030	1.029
05513	0.032	1.097	0.028	0.960
05381	0.126	4.320	0.108	3.703
05386	0.056	1.920	0.048	1.646

4 + 8

Certified Assayer: Karla Johnson

PolyMet Labs
A Division of Polymet Resources Ltd.

1 Presley St, P.O. Box 699, Cobalt, Ontario, Canada P0J 1C0
Tel: (705) 679-5500 • Fax: (705) 679-5519
Email: info@polymetinc.com Website: www.polymetinc.com

Certificate of Analysis

Queenston Mining Inc.
(Lebel Project)

We certify that the assay results in the following Certificates are factual and true.

Certificate #'s 11132, 11133, 11134, 11135, 11136, 11137, 11138, 11139, 11140, 11141, 11142, 11143, & 11144

Certified by: _____
Chief Assayer

Certified by: _____
President/Manager

Date: September 13, 2011

Disclaimer: The results included on this report relate only to the items tested. The Certificate of Analysis should not be reproduced except in full, without the written approval of the laboratory.

PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **11133**

Job No. 0-155

Date:
Sept. 13, 2011

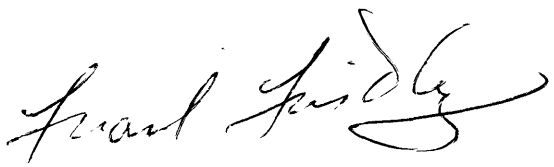
Splits

Sample #	**Au Oz/ton**	**g/tonne**
05399	<.001	<.03
05400	<.001	<.03
05401	<.001	<.03
05402	<.001	<.03
05403	<.001	<.03
05404	<.001	<.03
05405	<.001	<.03
05406	<.001	<.03
05407	<.001	<.03
05408	<.001	<.03
05409	<.001	<.03
05410	<.001	<.03
05411	<.001	<.03
05412	<.001	<.03
05413	<.001	<.03
05414	<.001	<.03
05415	0.054	1.851
05416	0.002	0.069
05417	<.001	<.03
05418	<.001	<.03
05419	<.001	<.03
05420	<.001	<.03

22 **Splits**

Std OxL78	0.174	5.966
Blank	<.001	<.03

Certified Assayer:



PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **11134**

Job No. 0-155

Date:
Sept. 13, 2011

Splits

Sample #	**Au Oz/ton**	**g/tonne**
05421	<.001	<.03
05422	<.001	<.03
05423	<.001	<.03
05424	<.001	<.03
05425	<.001	<.03
05426	<.001	<.03
05427	<.001	<.03
05428	<.001	<.03
05429	<.001	<.03
05430	<.001	<.03
05431	<.001	<.03
05432	0.002	0.069
05433	<.001	<.03
05434	<.001	<.03
05435	<.001	<.03
05436	Pend	
05437	0.002	0.069
05438	0.020	0.686
05439	<.001	<.03
05440	<.001	<.03
05441	<.001	<.03

20 **Splits**
1 **Pend**

Std OxL78	0.178	6.103
Blank	<.001	<.03

Certified Assayer:

PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **11135**

Job No. 0-155

Date:
Sept. 13, 2011

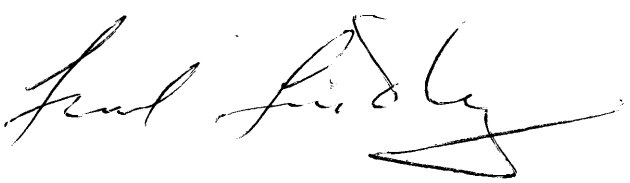
Splits

Sample #	**Au Oz/ton**	**g/tonne**
05442	<.001	<.03
05443	<.001	<.03
05444	<.001	<.03
05445	0.008	0.274
05446	0.168	5.760
05447	<.001	<.03
05448	0.002	0.069
05449	<.001	<.03
05450	0.004	0.137
05451	<.001	<.03
05452	<.001	<.03
05453	<.001	<.03
05454	<.001	<.03
05455	0.002	0.069
05456	<.001	<.03
05457	<.001	<.03
05458	<.001	<.03
05459	0.028	0.960
05460	<.001	<.03
05461	<.001	<.03
05519	Pend	
05520	0.002	0.069

21 **Splits**
1 **Pend**

Std OxL78	0.178	6.103
Blank	<.001	<.03

Certified Assayer:



PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **11136**

Job No. 0-155

Date:
Sept. 13, 2011

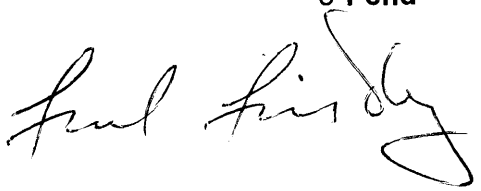
Splits

Sample #	**Au Oz/ton**	**g/tonne**
05521	Pend	
05522	<.001	<.03
05523	<.001	<.03
05524	<.001	<.03
05525	<.001	<.03
05526	<.001	<.03
05527	Pend	
05528	<.001	<.03
05529	0.008	0.274
05530	<.001	<.03
05531	0.006	0.206
05532	<.001	<.03
05533	Pend	
05534	<.001	<.03
05535	Pend	
05536	Pend	
05537	0.170	5.829
05538	0.012	0.411
05539	<.001	<.03
05540	<.001	<.03
05541	0.002	0.069

16 **Splits**
5 **Pend**

Std OxL78	0.176	6.034
Blank	<.001	<.03

Certified Assayer:



PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **11137**

Job No. 0-155

Date:
Sept. 13, 2011

Splits

Sample #	**Au Oz/ton**	**g/tonne**
05542	<.001	<.03
05543	<.001	<.03
05544	<.001	<.03
05545	<.001	<.03
05546	<.001	<.03
05547	<.001	<.03
05548	<.001	<.03
05549	<.001	<.03
05550	<.001	<.03
05551	0.012	0.411
05552	<.001	<.03
05553	<.001	<.03
05554	<.001	<.03
05555	<.001	<.03
05556	<.001	<.03
05557	<.001	<.03
05558	<.001	<.03
05559	<.001	<.03
05560	<.001	<.03
05561	<.001	<.03
05562	0.048	1.646
05563	<.001	<.03

22 **Splits**

Std OxL78	0.176	6.034
Blank	<.001	<.03

Certified Assayer:

PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **11138**

Job No. 0-155

Date:
Sept. 13, 2011

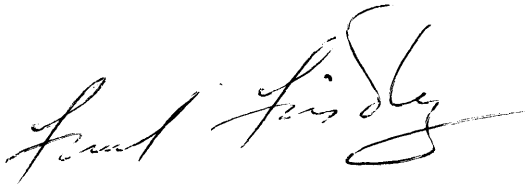
Splits

Sample #	**Au Oz/ton**	**g/tonne**
05564	<.001	<.03
05565	<.001	<.03
05566	0.002	0.069
05567	<.001	<.03
05568	<.001	<.03
05569	<.001	<.03
05570	<.001	<.03
05571	<.001	<.03
05572	<.001	<.03
05573	<.001	<.03
05574	0.002	0.069
05575	0.002	0.069
05576	<.001	<.03
05577	<.001	<.03
05578	<.001	<.03
05579	<.001	<.03
05580	<.001	<.03
05581	<.001	<.03
05582	<.001	<.03
05583	<.001	<.03
05584	<.001	<.03
05585	<.001	<.03

22 **Splits**

Std OxL78	0.172	5.897
Blank	<.001	<.03

Certified Assayer:



PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **11139**

Job No. 0-155

Date:
Sept. 13, 2011

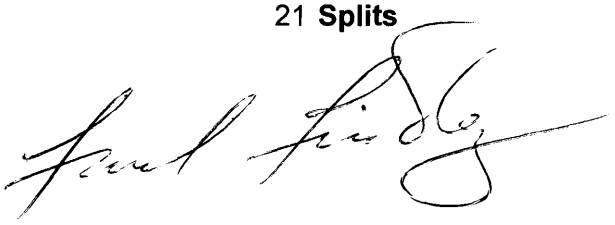
Splits

Sample #	**Au Oz/ton**	**g/tonne**
05586	<.001	<.03
05587	0.166	5.691
05588	<.001	<.03
05589	<.001	<.03
05590	<.001	<.03
05591	<.001	<.03
05592	<.001	<.03
05593	<.001	<.03
05594	<.001	<.03
05595	<.001	<.03
05596	<.001	<.03
05597	<.001	<.03
05598	<.001	<.03
05599	<.001	<.03
05600	<.001	<.03
05601	<.001	<.03
05602	<.001	<.03
05603	0.006	0.206
05604	<.001	<.03
05605	0.002	0.069
05606	0.002	0.069

21 **Splits**

Std OxL78	0.172	5.897
Blank	<.001	<.03

Certified Assayer:



PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **11140**

Job No. 0-155

Date:
Sept. 13, 2011

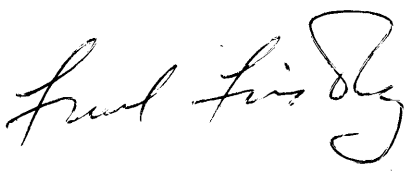
Splits

Sample #	**Au Oz/ton**	**g/tonne**
05607	<.001	<.03
05608	0.002	0.069
05609	0.004	0.137
05610	<.001	<.03
05611	0.008	0.274
05612	0.004	0.137
05613	0.052	1.783
05614	0.002	0.069
05615	0.006	0.206
05616	<.001	<.03
05617	<.001	<.03
05618	0.006	0.206
05619	0.006	0.206
05620	<.001	<.03
05621	0.002	0.069
05622	0.004	0.137
05623	0.002	0.069
05624	0.006	0.206
05625	Pend	
05626	<.001	<.03
05627	0.008	0.274
05628	0.004	0.137

21 **Splits**
1 **Pend**

Std OxL78	0.176	6.034
Blank	<.001	<.03

Certified Assayer:



PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **11141**

Job No. 0-155

Date:
Sept. 13, 2011

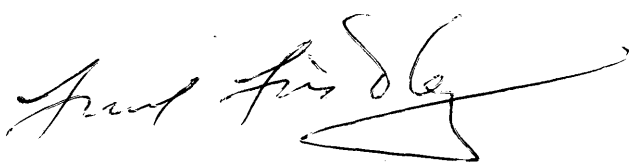
Splits

Sample #	**Au Oz/ton**	**g/tonne**
05629	<.001	<.03
05630	<.001	<.03
05631	0.004	0.137
05632	<.001	<.03
05633	<.001	<.03
05634	<.001	<.03
05635	<.001	<.03
05636	<.001	<.03
05637	<.001	<.03
05638	0.168	5.760
05639	0.002	0.069
05640	<.001	<.03
05641	<.001	<.03
05642	<.001	<.03
05643	<.001	<.03
05644	Pend	
05645	<.001	<.03
05646	<.001	<.03
05647	0.006	0.206
05648	<.001	<.03
05649	<.001	<.03
05650	<.001	<.03

21 **Splits**
1 **Pend**

Std OxL78	0.176	6.034
Blank	<.001	<.03

Certified Assayer:



PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **11142**

Job No. 0-155

Date:
Sept. 13, 2011

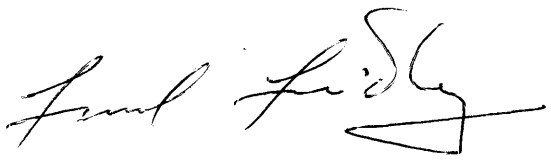
Splits

Sample #	**Au Oz/ton**	**g/tonne**
05651	<.001	<.03
05652	<.001	<.03
05653	<.001	<.03
05654	<.001	<.03
05655	<.001	<.03
05656	<.001	<.03
05657	<.001	<.03
05658	<.001	<.03
05659	<.001	<.03
05660	0.028	0.960
05661	0.004	0.137
05662	0.054	1.851
05663	<.001	<.03
05664	<.001	<.03
05665	0.006	0.206
05666	0.006	0.206
05667	0.002	0.069
05668	0.028	0.960
05669	Pend	
05670	<.001	<.03
05671	<.001	<.03

20 **Splits**
1 **Pend**

Std OxL78	0.176	6.034
Blank	<.001	<.03

Certified Assayer:



PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **11143**

Job No. 0-155

Date:
Sept. 13, 2011

Splits

Sample #	**Au Oz/ton**	**g/tonne**
05672	<.001	<.03
05673	<.001	<.03
05674	<.001	<.03
05675	<.001	<.03
05676	<.001	<.03
05677	<.001	<.03
05678	<.001	<.03
05679	<.001	<.03
05680	<.001	<.03
05681	<.001	<.03
05682	<.001	<.03

11 **Splits**

Std OxL78	0.176	6.034
Blank	<.001	<.03

Certified Assayer:

PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **11144**

Job No. 0-155

Date:
Sept. 13, 2011

	Original		Check	
Sample #	**Au Oz/ton**	**g/tonne**	**Au Oz/ton**	**g/tonne**
05396	0.064	2.194	0.080	2.743
05436	0.060	2.057	0.060	2.057
05519	0.080	2.743	0.088	3.017
05521	0.044	1.509	0.038	1.303
05527	0.150	5.143	0.262	8.983
05533	0.036	1.234	0.026	0.891
05535	0.100	3.429	0.098	3.360
05536	0.042	1.440	0.036	1.234
05625	0.112	3.840	0.114	3.909
05644	0.098	3.360	0.086	2.949
05669	0.060	2.057	0.084	2.880

11 + 22

Certified Assayer:

PolyMet Labs
A Division of Polymet Resources Ltd.

1 Presley St, P.O. Box 699, Cobalt, Ontario, Canada P0J 1C0
Tel: (705) 679-5500 • Fax: (705) 679-5519
Email: info@polymetinc.com Website: www.polymetinc.com

Certificate of Analysis

Queenston Mining Inc.
(Lebel Project)

We certify that the assay results in the following Certificates are factual and true.

Certificate #'s 11363, 11364, 11365, 11366, 11367, 11368, 11369, 11370, & 11371

Certified by: _____
Chief Assayer

Certified by: _____
President/Manager

Date: October 3, 2011

Disclaimer: The results included on this report relate only to the items tested. The Certificate of Analysis should not be reproduced except in full, without the written approval of the laboratory.

PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **11363**

Job No. 0-155

Date:
Oct. 3, 2011

Splits

Sample #	**Au Oz/ton**	**g/tonne**
06463	<.001	<.03
06464	<.001	<.03
06465	<.001	<.03
06466	0.026	0.891
06467	<.001	<.03
06468	<.001	<.03
06469	<.001	<.03
06470	<.001	<.03
06471	0.024	0.823
06472	0.012	0.411
06473	<.001	<.03
06474	<.001	<.03
06475	<.001	<.03
06476	<.001	<.03
06477	0.016	0.549
06478	<.001	<.03
06479	<.001	<.03
06480	0.028	0.960
06481	<.001	<.03
06482	<.001	<.03
06483	0.052	1.783
06484	<.001	<.03
06485	<.001	<.03
06486	<.001	<.03
06487	<.001	<.03
06488	<.001	<.03
06489	<.001	<.03
06490	<.001	<.03
06491	<.001	<.03

29 **Splits**

Std OxL78	0.176	6.034
Blank	<.001	<.03

Certified Assayer:

PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **11364**

Job No. 0-155

Date:
Oct. 3, 2011

Splits

Sample #	**Au Oz/ton**	**g/tonne**
06492	<.001	<.03
06493	<.001	<.03
06494	<.001	<.03
06495	<.001	<.03
06397	<.001	<.03
06398	0.004	0.137
06399	0.012	0.411
06400	<.001	<.03
06401	<.001	<.03
07496	<.001	<.03
07497	0.166	5.691
07498	<.001	<.03
07499	<.001	<.03
07500	<.001	<.03
08051	<.001	<.03
08052	<.001	<.03
08053	<.001	<.03
08054	<.001	<.03
08055	<.001	<.03
08056	<.001	<.03
08057	<.001	<.03

21 **Splits**

Std OxL78	0.176	6.034
Blank	<.001	<.03

Certified Assayer:



PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **11365**

Job No. 0-155

Date:
Oct. 3, 2011

Splits

Sample #	**Au Oz/ton**	**g/tonne**
08058	<.001	<.03
08071	<.001	<.03
08072	<.001	<.03
08073	<.001	<.03
08074	<.001	<.03
08075	<.001	<.03
08076	0.010	0.343
08077	<.001	<.03
08078	0.018	0.617
08079	0.004	0.137
08080	0.050	1.714
08081	<.001	<.03
08082	0.002	0.069
08083	<.001	<.03
08084	<.001	<.03
08085	<.001	<.03
08086	<.001	<.03
08087	<.001	<.03
08088	<.001	<.03
08089	0.002	0.069
08090	<.001	<.03
08091	<.001	<.03

22 **Splits**

Std OxL78	0.176	6.034
Blank	<.001	<.03

Certified Assayer:

PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **11366**

Job No. 0-155

Date:
Oct. 3, 2011

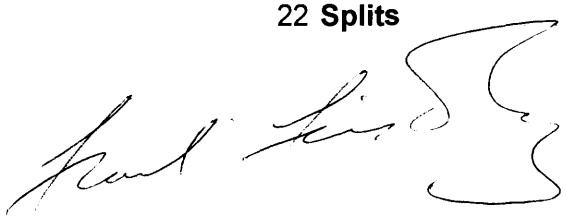
Splits

Sample #	**Au Oz/ton**	**g/tonne**
08092	<.001	<.03
08093	<.001	<.03
08094	<.001	<.03
08095	<.001	<.03
08096	<.001	<.03
08097	<.001	<.03
08098	<.001	<.03
08099	<.001	<.03
08100	<.001	<.03
08101	<.001	<.03
08102	<.001	<.03
08103	<.001	<.03
08104	<.001	<.03
08105	<.001	<.03
08106	<.001	<.03
08107	<.001	<.03
08108	<.001	<.03
08109	<.001	<.03
08110	0.166	5.691
08111	<.001	<.03
08112	<.001	<.03
08113	<.001	<.03

22 **Splits**

Std OxL78	0.176	6.034
Blank	<.001	<.03

Certified Assayer:



PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **11368**

Job No. 0-155

Date:
Oct. 4, 2011

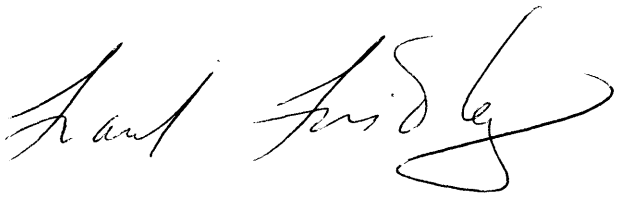
Splits

Sample #	**Au Oz/ton**	**g/tonne**
08114	0.004	0.137
08115	<.001	<.03
08116	0.008	0.274
08117	<.001	<.03
08118	<.001	<.03
08119	<.001	<.03
08120	0.008	0.274
08121	0.002	0.069
08122	0.008	0.274
08123	0.016	0.549
08124	0.002	0.069
08125	0.008	0.274
08126	0.006	0.206
08127	0.002	0.069
08128	0.004	0.137
08129	<.001	<.03
08130	<.001	<.03
08131	<.001	<.03
08132	<.001	<.03
08133	<.001	<.03
08134	<.001	<.03

21 **Splits**

Std OxL78	0.170	5.829
Blank	<.001	<.03

Certified Assayer:



PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **11369**

Job No. 0-155

Date:
Oct. 4, 2011

Splits

Sample #	**Au Oz/ton**	**g/tonne**
08135	<.001	<.03
08136	<.001	<.03
08137	<.001	<.03
08138	<.001	<.03
08139	0.016	0.549
08140	<.001	<.03
08141	0.002	0.069
08142	<.001	<.03
08143	<.001	<.03
08144	<.001	<.03
08145	<.001	<.03
08146	<.001	<.03
08147	0.050	1.714
08148	<.001	<.03
08149	0.012	0.411
08150	<.001	<.03
08151	<.001	<.03
08152	<.001	<.03
08153	<.001	<.03
08154	<.001	<.03
08155	0.010	0.343
08156	<.001	<.03

22 **Splits**

Std OxL78	0.170	5.829
Blank	<.001	<.03

Certified Assayer:



PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **11370**

Job No. 0-155

Date:
Oct. 4, 2011

Splits

Sample #	**Au Oz/ton**	**g/tonne**
08157	<.001	<.03
08158	0.014	0.480
08159	<.001	<.03
08160	<.001	<.03
08161	<.001	<.03
08162	<.001	<.03
08163	0.022	0.754
08164	0.014	0.480
08165	<.001	<.03
08166	<.001	<.03
08167	<.001	<.03
08168	0.010	0.343
08169	<.001	<.03
08170	<.001	<.03
08171	<.001	<.03
08172	<.001	<.03
08173	<.001	<.03
08174	<.001	<.03
08175	0.162	5.554
08176	<.001	<.03
08177	<.001	<.03

21 **Splits**

Std OxL78	0.172	5.897
Blank	<.001	<.03

Certified Assayer:

PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **11371**

Job No. 0-155

Date:
Oct. 4, 2011

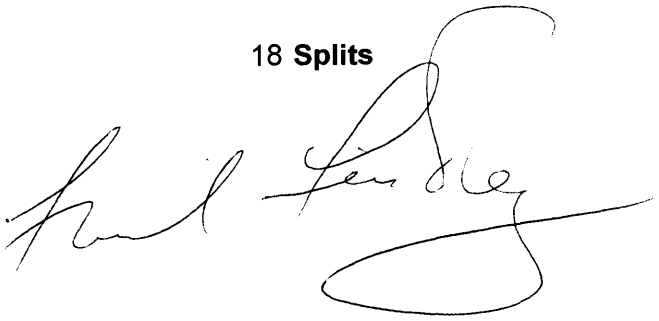
Splits

Sample #	**Au Oz/ton**	**g/tonne**
08178	<.001	<.03
08179	<.001	<.03
08180	<.001	<.03
08181	<.001	<.03
08182	<.001	<.03
08183	<.001	<.03
08184	<.001	<.03
08185	<.001	<.03
08186	<.001	<.03
08187	<.001	<.03
08188	<.001	<.03
08189	<.001	<.03
08190	<.001	<.03
08191	<.001	<.03
08192	<.001	<.03
08193	0.002	0.069
08194	<.001	<.03
08195	<.001	<.03

18 **Splits**

Std OxL78	0.172	5.897
Blank	<.001	<.03

Certified Assayer:



Swastika Laboratories Ltd

Established 1928

Assaying - Consulting - Representation

Assay Certificate

Certificate Number: 11-3867

Company: **Queenston Mining Inc.**

Project: LEBEL

Report Date: 14-Dec-11

Attn: Dan McCormack

We hereby certify the following Assay of 23 pulp samples submitted 05-Dec-11 by Dan McCormack

Sample Number		Au FA-AAS ppb	Au Chk FA-AAS ppb	Au FA-AAS g/Mt	Au Chk FA-AAS g/Mt	Au FA-GRAV ppb	Au FA-GRAV g/Mt	Au Chk FA-GRAV ppb	Au Chk FA-GRAV g/Mt
05644						2503	2.50		2.43
05436						2222	2.22		2.16
06422		43		0.04					
06441		926		0.93					
06471		205		0.20					
06577		334		0.33					
06579		1790		1.79					1.88
06540		791		0.79					
06703		8070		8.07					7.99
06727		497	562	0.50	0.56				
Blank Value		8		< 0.01					
OxH82		1256		1.26					
06812						2331	2.33		2.36
06818		251		0.25					
06827		31		0.03					
08111		121		0.12					
08139		589		0.59					
08260		121		0.12					
08262		97		0.10					
08341		458		0.46					
08485						5481	5.48		5.76
07242		1312		1.31					1.30
06772	1	1601		1.60					1.65
06788	1	510		0.51					
08189	1	19		0.02					

1. received not listed

Certified by Jing Lin

Jing Lin, M Sc.

1 Cameron Ave., P.O. Box 10, Swastika, Ontario P0K 1T0
Telephone (705) 642-3244 Fax (705) 642-3300

Swastika Laboratories Ltd

Established 1928

Assaying - Consulting - Representation

Assay Certificate

Certificate Number: 11-3868

Company: **Queenston Mining Inc.**

Project: LEBEL

Report Date: 16-Dec-11

Attn: Dan McCormack

We hereby certify the following Assay of 20 rejects samples submitted 05-Dec-11 by Dan McCormack

Sample Number		Au FA-AAS ppb	Au Chk FA-AAS ppb	Au FA-AAS g/Mt	Au Chk FA-AAS g/Mt	Au FA-GRAV ppb	Au FA-GRAV g/Mt	Au Chk FA-GRAV ppb	Au Chk FA-GRAV g/Mt
06422		56		0.06					
06441		825		0.83					
06471		226		0.23					
06577		314		0.31					
06579		1904		1.90					1.75
06540		895		0.90					
06703		9254		9.25					9.12
06727		799		0.80					
08485		7568		7.57					7.23
06812		2331		2.33					2.44
Blank Value		5		< 0.01					
OxH82		1256		1.26					
06818		258		0.26					
06827		39		0.04					
08111		107		0.11					
08139		560		0.56					
08260		121		0.12					
08262		98		0.10					
08341		818		0.82					
06772	1					1919	1.92		1.85
06788	1	440		0.44					
08189	1	35	40	0.03	0.04				

1. received not listed

Certified by J. Lin

Jing Lin, M Sc.

1 Cameron Ave., P.O. Box 10, Swastika, Ontario P0K 1T0
Telephone (705) 642-3244 Fax (705) 642-3300

Swastika Laboratories Ltd

Established 1928

Assaying - Consulting - Representation

Assay Certificate

Certificate Number: 11-3894

Company: **Queenston Mining Inc.**

Project: Lebel

Report Date: 20-Dec-11

Attn: Dan McCormack

We hereby certify the following Assay of 25 rejects samples submitted 12-Dec-11 by Dan McCormack

Sample Number	Au FA-AAS ppb	Au Chk FA-AAS ppb	Au FA-AAS g/Mt	Au Chk FA-AAS g/Mt	Au Chk FA-GRAV ppb	Au Chk FA-GRAV g/Mt
7521	3583		3.58			3.36
6921	1869		1.87			1.85
8231	227		0.23			
8230	175		0.18			
7447	777		0.78			
7449	374		0.37			
7527	598		0.60			
7908	5419		5.42			5.73
7690	4717		4.72			4.80
7902	12997		13.00			13.30
Blank Value	< 2		< 0.01			
OxH82	1278		1.28			
7654	474		0.47			
6586	7355		7.35			7.41
6627	1081		1.08			1.00
6699	9557		9.56			9.94
8497	609		0.61			
7554	918		0.92			
7857	3671		3.67			3.46
7924	1154		1.15			1.13
7858	1572		1.57			1.64
7901	914		0.91		960	0.96
7843	2590		2.59			2.67
7673	539		0.54			
7808	4699		4.70			4.69
7577	974		0.97		976	0.97
7617	2937		2.94			2.67

Certified by Jing Lin

Jing Lin, M Sc.

1 Cameron Ave., P.O. Box 10, Swastika, Ontario P0K 1T0
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Established 1928

Swastika Laboratories Ltd

Assaying - Consulting - Representation

Assay Certificate

Certificate Number: 11-3956

Company: **Queenston Mining Inc.**

Project: Lebel

Report Date: 29-Dec-11

Attn: Dan McCormack

We hereby certify the following Assay of 8 pulp samples submitted 15-Dec-11 by Dan McCormack

Sample Number	Au FA-AAS ppb	Au Chk FA-AAS ppb	Au FA-AAS g/Mt	Au Chk FA-AAS g/Mt	Au FA-GRAV ppb	Au FA-GRAV g/Mt	Au Chk FA-GRAV ppb	Au Chk FA-GRAV g/Mt
C12272	2356		2.36					2.33
C12289	890		0.89					
C12297	530		0.53					
C12300	421		0.42					
C12308	806		0.81					
C12309	1044		1.04					1.06
C12314	810		0.81					
C12318					2229	2.23		2.16
Blank Value	7		< 0.01					
OxH82	1268		1.27					

Certified by Denis Chartre

Denis Chartre

1 Cameron Ave., P.O. Box 10, Swastika, Ontario P0K 1T0
Telephone (705) 642-3244 Fax (705) 642-3300

Swastika Laboratories Ltd

Established 1928

Assaying - Consulting - Representation

Assay Certificate

Certificate Number: 11-3957

Company: **Queenston Mining Inc.**

Project: Lebel

Report Date: 22-Dec-11

Attn: Dan McCormack

We hereby certify the following Assay of 8 rejects samples submitted 15-Dec-11 by Dan McCormack

Sample Number	Au FA-AAS ppb	Au Chk FA-AAS ppb	Au FA-AAS g/Mt	Au Chk FA-AAS g/Mt	Au FA-GRAV ppb	Au FA-GRAV g/Mt	Au Chk FA-GRAV ppb	Au Chk FA-GRAV g/Mt
C12272					2691	2.69		2.47
C12289					1337	1.34		1.27
C12297	786		0.79					
C12300	478		0.48					
C12308	819		0.82					
C12309	1101		1.10					1.06
C12314	574		0.57					
C12318					2126	2.13		2.16
Blank Value	< 2		< 0.01					
OxH82	1256		1.26					

Certified by J. Lin

Jing Lin, M Sc.

1 Cameron Ave., P.O. Box 10, Swastika, Ontario P0K 1T0
Telephone (705) 642-3244 Fax (705) 642-3300

PolyMet Labs
A Division of Polymet Resources Ltd.

1 Presley St, P.O. Box 699, Cobalt, Ontario, Canada P0J 1C0
Tel: (705) 679-5500 • Fax: (705) 679-5519
Email: info@polymetinc.com Website: www.polymetinc.com

Certificate of Analysis

Queenston Mining Inc.
(Lebel Project)

We certify that the assay results in the following Certificates are factual and true.

Certificate #'s 11398, 11399, 11400, 11401, 11402, 11403, 11404, 11405, 11406, & 11407

Certified by: _____
Chief Assayer

Certified by: _____
President/Manager

Date: October 6, 2011

Disclaimer: The results included on this report relate only to the items tested. The Certificate of Analysis should not be reproduced except in full, without the written approval of the laboratory.

PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **11398**

Job No. 0-155

Date:
Oct. 6, 2011

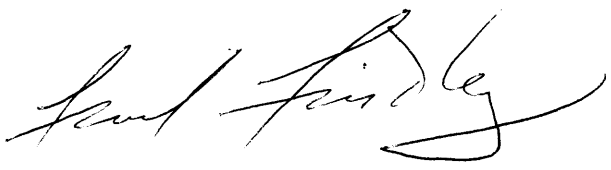
Splits

Sample #	**Au Oz/ton**	**g/tonne**
06496	0.002	0.069
06497	<.001	<.03
06498	<.001	<.03
06499	<.001	<.03
06500	<.001	<.03
06501	<.001	<.03
06502	<.001	<.03
06503	0.052	1.783
06504	<.001	<.03
06505	<.001	<.03
06506	<.001	<.03
06507	<.001	<.03
06508	<.001	<.03
06509	<.001	<.03
06510	<.001	<.03
06511	<.001	<.03
06512	<.001	<.03
06513	<.001	<.03
06514	<.001	<.03
06519	<.001	<.03

20 **Splits**

Std OxL78	0.172	5.897
Blank	<.001	<.03

Certified Assayer:



PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **11399**

Job No. 0-155

Date:
Oct. 6, 2011

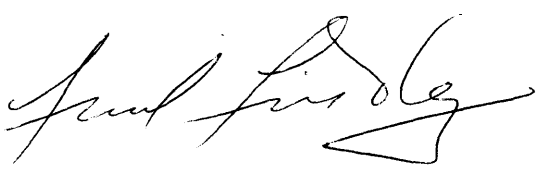
Splits

Sample #	**Au Oz/ton**	**g/tonne**
06520	<.001	<.03
06515	<.001	<.03
06516	<.001	<.03
06517	<.001	<.03
06518	0.002	0.069
06521	<.001	<.03
06522	0.004	0.137
06523	0.002	0.069
06524	<.001	<.03
06525	<.001	<.03
06526	<.001	<.03
06527	0.168	5.760
06528	<.001	<.03
06529	<.001	<.03
06530	<.001	<.03
06531	<.001	<.03
06532	<.001	<.03
06533	0.020	0.686
06534	<.001	<.03
06535	<.001	<.03
06536	<.001	<.03
06537	<.001	<.03

22 **Splits**

Std OxL78	0.178	6.103
Blank	<.001	<.03

Certified Assayer:



PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **11400**

Job No. 0-155

Date:
Oct. 6, 2011

Splits

Sample #	**Au Oz/ton**	**g/tonne**
06538	<.001	<.03
06539	<.001	<.03
06540	0.028	0.960
06541	<.001	<.03
06542	<.001	<.03
06543	<.001	<.03
06544	0.012	0.411
06545	<.001	<.03
06546	0.002	0.069
06547	<.001	<.03
06548	<.001	<.03
06549	<.001	<.03
06550	<.001	<.03
06551	<.001	<.03
06552	<.001	<.03
06553	0.052	1.783
06554	<.001	<.03
06555	<.001	<.03
06556	<.001	<.03
06557	<.001	<.03
06558	<.001	<.03

21 **Splits**

Std OxL78	0.178	6.103
Blank	<.001	<.03

Certified Assayer:

PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **11401**

Job No. 0-155

Date:
Oct. 6, 2011

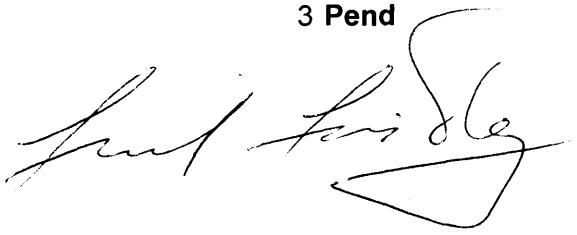
Splits

Sample #	**Au Oz/ton**	**g/tonne**
06559	<.001	<.03
06560	<.001	<.03
06561	<.001	<.03
06562	<.001	<.03
06563	<.001	<.03
06564	<.001	<.03
06565	<.001	<.03
06566	<.001	<.03
06567	0.002	0.069
06568	0.002	0.069
06569	0.018	0.617
06570	0.002	0.069
06571	0.006	0.206
06572	Pend	
06573	<.001	<.03
06574	Pend	
06575	0.002	0.069
06576	0.006	0.206
06577	0.008	0.274
06578	0.168	5.760
06579	Pend	
06580	0.020	0.686

19 **Splits**
3 **Pend**

Std OxL78	0.172	5.897
Blank	<.001	<.03

Certified Assayer:



PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **11402**

Job No. 0-155

Date:
Oct. 6, 2011

Splits

Sample #	**Au Oz/ton**	**g/tonne**
06581	0.014	0.480
06582	0.028	0.960
06583	Pend	
06584	Pend	
06585	<.001	<.03
06586	Pend	
06587	0.010	0.343
06588	<.001	<.03
06589	Pend	
06590	0.002	0.069
06591	0.012	0.411
06592	0.002	0.069
06593	<.001	<.03
06594	<.001	<.03
06595	<.001	<.03
06596	<.001	<.03
06597	<.001	<.03
06598	<.001	<.03
06599	0.002	0.069
06600	0.008	0.274
08196	0.004	0.137
08197	0.002	0.069

18 **Splits**
4 **Pend**

Std OxL78	0.172	5.897
Blank	<.001	<.03

Certified Assayer:

PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **11403**

Job No. 0-155

Date:
Oct. 6, 2011

Splits

Sample #	**Au Oz/ton**	**g/tonne**
08198	<.001	<.03
08199	0.002	0.069
08200	<.001	<.03
08201	<.001	<.03
08202	<.001	<.03
08203	<.001	<.03
08204	<.001	<.03
08205	0.006	0.206
08206	<.001	<.03
08207	<.001	<.03
08208	<.001	<.03
08209	<.001	<.03
08210	<.001	<.03
08211	0.052	1.783
08212	<.001	<.03
08213	<.001	<.03
08214	<.001	<.03
08215	0.004	0.137
08216	0.004	0.137
08217	0.002	0.069
08218	0.008	0.274

21 **Splits**

Std OxL78	0.178	6.103
Blank	<.001	<.03

Certified Assayer:



PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **11404**

Job No. 0-155

Date:
Oct. 6, 2011

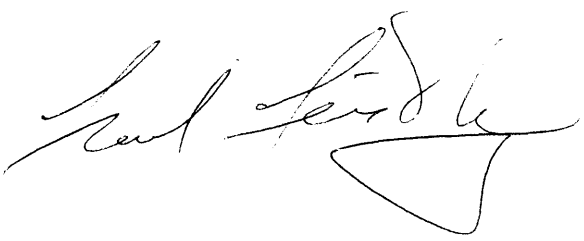
Splits

Sample #	**Au Oz/ton**	**g/tonne**
08219	0.012	0.411
08220	0.002	0.069
08221	0.002	0.069
08222	<.001	<.03
08223	<.001	<.03
08224	<.001	<.03
08225	<.001	<.03
08226	<.001	<.03
08227	<.001	<.03
08228	0.002	0.069
08229	<.001	<.03
08230	<.001	<.03
08231	0.002	0.069
08232	<.001	<.03
08233	<.001	<.03
08234	<.001	<.03
08235	<.001	<.03
08236	<.001	<.03
08237	<.001	<.03
08238	<.001	<.03
08239	<.001	<.03
08240	<.001	<.03

22 **Splits**

Std OxL78	0.178	6.103
Blank	<.001	<.03

Certified Assayer:



PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **11405**

Job No. 0-155

Date:
Oct. 6, 2011

Splits

Sample #	**Au Oz/ton**	**g/tonne**
08241	0.002	0.069
08242	<.001	<.03
08243	<.001	<.03
08244	<.001	<.03
08245	<.001	<.03
08246	0.014	0.480
08247	<.001	<.03
08248	0.002	0.069
08249	<.001	<.03
08250	<.001	<.03
08251	<.001	<.03
08252	<.001	<.03
08253	<.001	<.03
08254	0.164	5.623
08255	<.001	<.03
08256	<.001	<.03
08257	<.001	<.03
08258	<.001	<.03
08259	0.002	0.069
08260	<.001	<.03
08261	<.001	<.03

21 **Splits**

Std OxL78	0.170	5.829
Blank	<.001	<.03

Certified Assayer:

PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **11406**

Job No. 0-155

Date:
Oct. 6, 2011

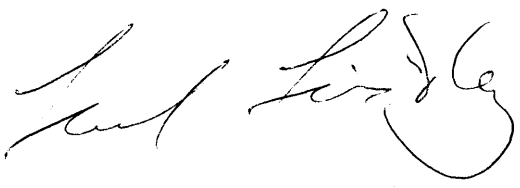
Splits

Sample #	**Au Oz/ton**	**g/tonne**
08262	0.002	0.069
08263	<.001	<.03
08264	0.006	0.206
08265	<.001	<.03
08266	<.001	<.03
08267	<.001	<.03
08268	0.002	0.069
08269	<.001	<.03
08270	<.001	<.03
08271	<.001	<.03
08272	<.001	<.03
08273	<.001	<.03
08274	<.001	<.03
08275	<.001	<.03
08276	<.001	<.03
08277	0.050	1.714

16 **Splits**

Std OxL78	0.170	5.829
Blank	<.001	<.03

Certified Assayer:



PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **11407**

Job No. 0-155

Date:
Oct. 6, 2011

	Original		**Check**	
Sample #	**Au Oz/ton**	**Au g/tonne**	**Au Oz/ton**	**Au g/tonne**
06572	0.060	2.057	0.058	1.989
06574	0.060	2.057	0.056	1.920
06579	0.052	1.783	0.062	2.126
06583	0.170	5.829	0.138	4.731
06584	0.170	5.829	0.152	5.211
06586	0.212	7.269	0.234	8.023
06589	0.036	1.234	0.036	1.234

7 + 14

Certified Assayer:

PolyMet Labs
A Division of Polymet Resources Ltd.

1 Presley St, P.O. Box 699, Cobalt, Ontario, Canada P0J 1C0
Tel: (705) 679-5500 • Fax: (705) 679-5519
Email: info@polymetinc.com Website: www.polymetinc.com

Certificate of Analysis

Queenston Mining Inc.
Lebel Project

We certify that the assay results in the following Certificates are factual and true.

Certificate #'s 11454, 11455, 11456, 11457, 11458, 11459, 11460, 11461, 11462, & 11463

Certified by: _____
Assayer

Certified by: _____
President/Manager

Date: October 13, 2011

Disclaimer: The results included on this report relate only to the items tested. The Certificate of Analysis should not be reproduced except in full, without the written approval of the laboratory.

PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **11454**

Job No. 0-155

Date:
Oct. 13, 2011

Splits

Sample #	**Au Oz/ton**	**g/tonne**
06601	<.001	<.03
06602	Pend	
06603	<.001	<.03
06604	<.001	<.03
06605	0.050	1.714
06606	<.001	<.03
06607	<.001	<.03
06608	<.001	<.03
06609	<.001	<.03
06610	<.001	<.03
06611	<.001	<.03
06612	<.001	<.03
06613	<.001	<.03
06614	<.001	<.03
06615	<.001	<.03
06616	<.001	<.03
06617	0.012	0.411
06618	0.002	0.069
06619	0.010	0.343
06620	<.001	<.03
06621	<.001	<.03
06622	0.018	0.617
06623	0.004	0.137
06624	0.010	0.343
06625	0.006	0.206

24 **Splits**
1 **Pend**

Std OxL78	0.174	5.966
Blank	<.001	<.03

Certified Assayer: Paula Johnson

PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **11455**

Job No. 0-155

Date:
Oct. 13, 2011

Splits

Sample #	**Au Oz/ton**	**g/tonne**
06626	<.001	<.03
06627	0.018	0.617
06628	<.001	<.03
06629	<.001	<.03
06630	0.172	5.897
06631	<.001	<.03
06632	<.001	<.03
06633	<.001	<.03
06634	<.001	<.03
06635	<.001	<.03
06636	<.001	<.03
06637	<.001	<.03
06638	<.001	<.03
06639	<.001	<.03
06640	<.001	<.03
06641	<.001	<.03
06642	<.001	<.03
06643	<.001	<.03
06644	<.001	<.03
06645	0.016	0.549
06646	0.002	0.069
06647	<.001	<.03

22 **Splits**

Std OxL78	0.172	5.897
Blank	<.001	<.03

Certified Assayer: Linda Johnson

PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **11456**

Job No. 0-155

Date:
Oct. 13, 2011

Splits

Sample #	**Au Oz/ton**	**g/tonne**
06648	<.001	<.03
06649	<.001	<.03
06650	<.001	<.03
06651	Pend	
06652	<.001	<.03
06653	Pend	
06654	0.042	1.440
06655	0.050	1.714
06656	Pend	
06657	0.022	0.754
06658	0.002	0.069
06659	0.008	0.274
06660	<.001	<.03
06661	<.001	<.03
06662	<.001	<.03
06663	0.006	0.206
06664	0.004	0.137
06665	<.001	<.03
06666	<.001	<.03
06667	<.001	<.03
06668	<.001	<.03

18 **Splits**
3 **Pend**

Std OxL78	0.172	5.897
Blank	<.001	<.03

Certified Assayer: Carla Johnson

PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **11457**

Job No. 0-155

Date:
Oct. 13, 2011

Splits

Sample #	**Au Oz/ton**	**g/tonne**
06669	<.001	<.03
06670	<.001	<.03
06671	<.001	<.03
06672	<.001	<.03
06673	<.001	<.03
06674	<.001	<.03
06675	<.001	<.03
06676	<.001	<.03
06677	<.001	<.03
06678	<.001	<.03
06679	<.001	<.03
06680	0.166	5.691
06681	<.001	<.03
06682	<.001	<.03
06683	<.001	<.03
06684	<.001	<.03
06685	<.001	<.03
06686	<.001	<.03
06687	<.001	<.03
06688	<.001	<.03
06689	<.001	<.03
06690	<.001	<.03

22 **Splits**

Std OxL78	0.178	6.103
Blank	<.001	<.03

Certified Assayer: Barb Johnston

PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **11458**

Job No. 0-155

Date:
Oct. 13, 2011

Splits

Sample #	**Au Oz/ton**	**g/tonne**
08278	<.001	<.03
08279	<.001	<.03
08280	<.001	<.03
08281	<.001	<.03
08282	<.001	<.03
08283	<.001	<.03
08284	<.001	<.03
08285	<.001	<.03
08286	0.012	0.411
08287	0.010	0.343
08288	0.004	0.137
08289	<.001	<.03
08290	<.001	<.03
08291	<.001	<.03
08292	<.001	<.03
08293	<.001	<.03
08294	<.001	<.03
08295	<.001	<.03
08296	<.001	<.03
08297	<.001	<.03
08298	<.001	<.03

21 **Splits**

Std OxL78	0.178	6.103
Blank	<.001	<.03

Certified Assayer: 

PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **11459**

Job No. 0-155

Date:
Oct. 13, 2011

Splits

Sample #	**Au Oz/ton**	**g/tonne**
08299	<.001	<.03
08300	<.001	<.03
08301	<.001	<.03
08302	0.172	5.897
08303	<.001	<.03
08304	<.001	<.03
08305	<.001	<.03
08306	<.001	<.03
08307	0.006	0.206
08308	0.002	0.069
08309	<.001	<.03
08310	<.001	<.03
08311	<.001	<.03
08312	<.001	<.03
08313	<.001	<.03
08314	<.001	<.03
08315	<.001	<.03
08316	<.001	<.03
08317	<.001	<.03
08318	0.002	0.069
08319	<.001	<.03
08320	0.002	0.069

22 **Splits**

Std OxL78	0.172	5.897
Blank	<.001	<.03

Certified Assayer: Linda Johnson

PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **11460**

Job No. 0-155

Date:
Oct. 13, 2011

Splits

Sample #	**Au Oz/ton**	**g/tonne**
08321	0.002	0.069
08322	<.001	<.03
08323	0.008	0.274
08324	<.001	<.03
08325	<.001	<.03
08326	0.006	0.206
08327	0.006	0.206
08328	0.004	0.137
08329	0.004	0.137
08330	0.004	0.137
08331	0.006	0.206
08332	<.001	<.03
08333	0.052	1.783
08334	0.002	0.069
08335	0.004	0.137
08336	<.001	<.03
08337	<.001	<.03
08338	0.002	0.069
08339	<.001	<.03
08340	<.001	<.03
08341	0.026	0.891
08342	<.001	<.03

22 **Splits**

Std OxL78	0.172	5.897
Blank	<.001	<.03

Certified Assayer: Linda Johnson

PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **11461**

Job No. 0-155

Date:
Oct. 13, 2011

Splits

Sample #	**Au Oz/ton**	**g/tonne**
08343	<.001	<.03
08344	<.001	<.03
08345	0.020	0.686
08346	0.010	0.343
08347	0.008	0.274
08348	<.001	<.03
08349	<.001	<.03
08350	<.001	<.03
08351	<.001	<.03
08352	<.001	<.03
08353	<.001	<.03
08354	0.002	0.069
08355	<.001	<.03
08356	<.001	<.03
08357	<.001	<.03
08358	0.002	0.069
08359	<.001	<.03
08360	0.002	0.069
08361	<.001	<.03
08362	<.001	<.03
08363	0.166	5.691

21 **Splits**

Std OxL78	0.174	5.966
Blank	<.001	<.03

Certified Assayer: Carla Johnson

PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **11462**

Job No. 0-155

Date:
Oct. 13, 2011

Splits

Sample #	**Au Oz/ton**	**g/tonne**
08364	<.001	<.03
08365	<.001	<.03
08366	<.001	<.03
08367	<.001	<.03
08368	<.001	<.03
08369	<.001	<.03
08370	<.001	<.03
08371	<.001	<.03
08372	0.004	0.137
08373	<.001	<.03
08374	<.001	<.03
08375	<.001	<.03
08376	<.001	<.03
08377	<.001	<.03
08378	<.001	<.03
08379	0.004	0.137
08380	<.001	<.03
08381	<.001	<.03
08382	<.001	<.03
08383	0.052	1.783
08384	0.010	0.343
08385	<.001	<.03

22 **Splits**

Std OxL78	0.174	5.966
Blank	<.001	<.03

Certified Assayer: Erika Johnson

PolyMet Laboratories

		Client:	Queenston (Lebel Project)
CERTIFICATE	**11463**	Job No.	0-155

Date:
Oct. 13, 2011

	Original		Check	
Sample #	**Au Oz/ton**	**Au g/tonne**	**Au Oz/ton**	**Au g/tonne**
06602	0.080	2.743	0.068	2.331
06651	0.050	1.714	0.056	1.920
06653	0.080	2.743	0.066	2.263
06656	0.044	1.509	0.038	1.303

4 + 8

Certified Assayer: Paula Johnson

PolyMet Labs
A Division of Polymet Resources Ltd.

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Tel: (705) 679-5500 • Fax: (705) 679-5519
Email: info@polymetinc.com Website: www.polymetinc.com

Certificate of Analysis

Queenston Mining Inc.
(Lebel Project)

We certify that the assay results in the following Certificates are factual and true.

Certificate #'s 11465, 11466, 11467, 11468, 11469, 11470, 11471, 11472, 11473, 11474, 11475, 11476, 11477, 11478, & 11479

Certified by: _____
Chief Assayer

Certified by: _____
President/Manager

Date: October 14, 2011

Disclaimer: The results included on this report relate only to the items tested. The Certificate of Analysis should not be reproduced except in full, without the written approval of the laboratory.

PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **11465**

Job No. 0-155

Date:
Oct. 13, 2011

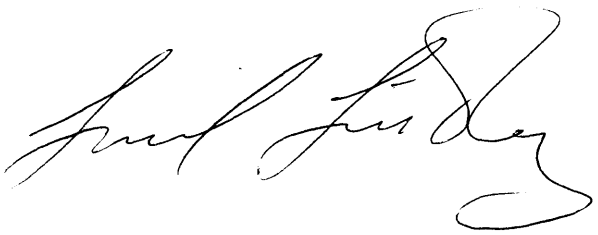
Splits

Sample #	**Au Oz/ton**	**g/tonne**
08386	0.004	0.137
08387	0.002	0.069
08388	0.004	0.137
08389	0.006	0.206
08390	<.001	<.03
08391	<.001	<.03
08392	<.001	<.03
08393	<.001	<.03
08394	<.001	<.03
08395	<.001	<.03
08396	<.001	<.03
08397	<.001	<.03
08398	<.001	<.03
08399	<.001	<.03
08400	<.001	<.03
08401	<.001	<.03
06691	<.001	<.03
06692	<.001	<.03
06693	<.001	<.03
06694	<.001	<.03
06695	<.001	<.03
06696	0.028	0.960

22 **Splits**

Std OxL78	0.172	5.897
Blank	<.001	<.03

Certified Assayer:



PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **11466**

Job No. 0-155

Date:
Oct. 14, 2011

Splits

Sample #	**Au Oz/ton**	**g/tonne**
06697	<.001	<.03
06698	0.008	0.274
06699	Pend	
06700	0.006	0.206
06701	Pend	
06702	Pend	
06703	Pend	
06704	<.001	<.03
06705	0.008	0.274
06706	0.052	1.783
06707	Pend	
06722	<.001	<.03
06708	<.001	<.03
06709	<.001	<.03
06710	<.001	<.03
06711	<.001	<.03
06712	0.002	0.069
06713	Pend	
06714	<.001	<.03
06715	0.006	0.206
06716	<.001	<.03
06717	<.001	<.03

16 **Splits**
6 **Pend**

Std OxL78	0.172	5.897
Blank	<.001	<.03

Certified Assayer:

PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **11467**

Job No. 0-155

Date:
Oct. 14, 2011

Splits

Sample #	**Au Oz/ton**	**g/tonne**
06718	<.001	<.03
06719	<.001	<.03
06720	<.001	<.03
06721	<.001	<.03
06723	<.001	<.03
06724	<.001	<.03
06725	<.001	<.03
06726	<.001	<.03
06727	0.020	0.686
06728	<.001	<.03
06729	0.010	0.343
06730	0.010	0.343
06731	0.172	5.897
06732	<.001	<.03
06733	<.001	<.03
06734	<.001	<.03
06735	0.004	0.137
06736	<.001	<.03
06737	<.001	<.03
06738	<.001	<.03
06739	<.001	<.03

21 **Splits**

Std OxL78	0.176	6.034
Blank	<.001	<.03

Certified Assayer:

PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **11468**

Job No. 0-155

Date:
Oct. 14, 2011

Splits

Sample #	**Au Oz/ton**	**g/tonne**
06740	<.001	<.03
06741	<.001	<.03
06742	<.001	<.03
06743	<.001	<.03
06744	<.001	<.03
06745	<.001	<.03
06746	<.001	<.03
06747	<.001	<.03
06748	<.001	<.03
06749	<.001	<.03
06750	0.002	0.069
06751	<.001	<.03
06752	<.001	<.03
06753	<.001	<.03
06754	<.001	<.03
06755	<.001	<.03
06756	<.001	<.03
06757	0.050	1.714
06758	<.001	<.03
06759	<.001	<.03
06760	<.001	<.03
06775	<.001	<.03

22 **Splits**

Std OxL78	0.176	6.034
Blank	<.001	<.03

Certified Assayer:



PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **11469**

Job No. 0-155

Date:
Oct. 14, 2011

Splits

Sample #	**Au Oz/ton**	**g/tonne**
06776	<.001	<.03
06761	<.001	<.03
06762	<.001	<.03
06763	<.001	<.03
06764	<.001	<.03
06765	<.001	<.03
06766	<.001	<.03
06767	<.001	<.03
06768	<.001	<.03
06769	<.001	<.03
06770	<.001	<.03
06771	<.001	<.03
06772	Pend	
06773	<.001	<.03
06774	<.001	<.03
06777	<.001	<.03
06778	<.001	<.03
06779	<.001	<.03
06780	<.001	<.03
06781	<.001	<.03
06782	0.004	0.137
06783	0.002	0.069

21 **Splits**
1 **Pend**

Std OxL78	0.176	6.034
Blank	<.001	<.03

Certified Assayer:

PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **11470**

Job No. 0-155

Date:
Oct. 14, 2011

Splits

Sample #	**Au Oz/ton**	**g/tonne**
06784	<.001	<.03
06785	0.004	0.137
06786	<.001	<.03
06787	<.001	<.03
06788	0.012	0.411
06789	<.001	<.03
06790	<.001	<.03
06791	<.001	<.03
06792	<.001	<.03
06793	Pend	
06794	0.028	0.960
06795	<.001	<.03
06796	<.001	<.03
06797	0.004	0.137
06798	0.002	0.069
06799	<.001	<.03
06800	<.001	<.03
06801	<.001	<.03
06802	<.001	<.03
06803	<.001	<.03
06804	<.001	<.03

20 **Splits**
1 **Pend**

Std OxL78	0.174	5.966
Blank	<.001	<.03

Certified Assayer:

PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **11471**

Job No. 0-155

Date:
Oct. 14, 2011

Splits

Sample #	**Au Oz/ton**	**g/tonne**
06805	<.001	<.03
06806	<.001	<.03
06807	<.001	<.03
54899	<.001	<.03
54900	<.001	<.03
06951	<.001	<.03
06952	<.001	<.03
06953	0.002	0.069
06954	<.001	<.03
06955	0.016	0.549
06956	0.004	0.137
06808	0.052	1.783
06809	0.012	0.411
06810	Pend	
06811	0.028	0.960
06812	Pend	
06813	0.020	0.686
06814	0.002	0.069
06815	<.001	<.03
06816	<.001	<.03
06817	<.001	<.03
06818	<.001	<.03

20 **Splits**
2 **Pend**

Std OxL78	0.176	6.034
Blank	<.001	<.03

Certified Assayer:

PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **11472**

Job No. 0-155

Date:
Oct. 14, 2011

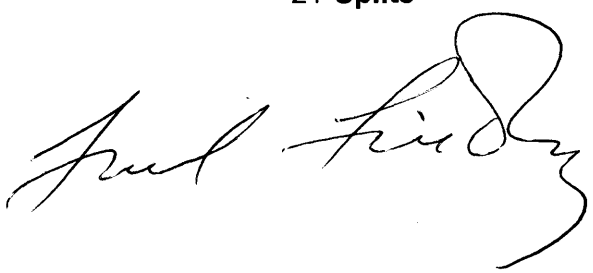
Splits

Sample #	**Au Oz/ton**	**g/tonne**
06819	<.001	<.03
06820	<.001	<.03
06821	<.001	<.03
06822	0.014	0.480
06823	<.001	<.03
06824	<.001	<.03
06825	0.012	0.411
06826	<.001	<.03
06827	<.001	<.03
06828	<.001	<.03
06829	<.001	<.03
06830	<.001	<.03
06831	<.001	<.03
06832	<.001	<.03
06834	<.001	<.03
06835	<.001	<.03
06836	<.001	<.03
06837	<.001	<.03
06838	<.001	<.03
06839	<.001	<.03
06840	<.001	<.03

21 **Splits**

Std OxL78	0.176	6.034
Blank	<.001	<.03

Certified Assayer:



PolyMet Laboratories

CERTIFICATE **11473**

Client: Queenston (Lebel Project)
Job No. 0-155

Date:
Oct. 14, 2011

Sample #	Original Au Oz/ton	Original Au g/tonne	Check Au Oz/ton	Check Au g/tonne
06699	0.266	9.120	0.264	9.052
06701	0.030	1.029	0.024	0.823
06702	0.096	3.291	0.074	2.537
06703	0.206	7.063	0.176	6.034
06707	0.156	5.349	0.160	5.486
06713	0.044	1.509	0.040	1.371
06772	0.052	1.783	0.052	1.783
06793	0.044	1.509	0.046	1.577
06810	0.050	1.714	0.050	1.714
06812	0.080	2.743	0.072	2.469

10 + 20

Certified Assayer:

PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **11474**

Job No. 0-155

Date:
Oct. 14, 2011

Splits

Sample #	**Au Oz/ton**	**g/tonne**
06841	0.004	0.137
06842	<.001	<.03
06843	<.001	<.03
06844	0.008	0.274
06845	<.001	<.03
06846	<.001	<.03
06847	<.001	<.03
06848	<.001	<.03
06849	<.001	<.03
06850	<.001	<.03
06851	0.004	0.137
06852	<.001	<.03
06853	<.001	<.03
06854	<.001	<.03
06855	<.001	<.03
06856	<.001	<.03
06857	<.001	<.03
06858	0.162	5.554
06859	<.001	<.03
06860	<.001	<.03
06861	<.001	<.03

21 **Splits**

Std OxL78	0.178	6.103
Blank	<.001	<.03

Certified Assayer:

PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **11475**

Job No. 0-155

Date:
Oct. 14, 2011

Splits

Sample #	**Au Oz/ton**	**g/tonne**
06862	<.001	<.03
06863	<.001	<.03
06864	<.001	<.03
06865	<.001	<.03
06866	<.001	<.03
06867	<.001	<.03
06868	<.001	<.03
06833	0.048	1.646
08402	<.001	<.03
08403	<.001	<.03
08404	<.001	<.03
08405	<.001	<.03
08406	<.001	<.03
08407	<.001	<.03
08408	<.001	<.03
08409	<.001	<.03
08410	<.001	<.03
08411	0.164	5.623
08412	<.001	<.03
08413	<.001	<.03
08414	<.001	<.03
08415	<.001	<.03

22 **Splits**

Std OxL78	0.178	6.103
Blank	<.001	<.03

Certified Assayer:

PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **11476**

Job No. 0-155

Date:
Oct. 14, 2011

Splits

Sample #	**Au Oz/ton**	**g/tonne**
08416	Pend	
08417	<.001	<.03
08418	0.016	0.549
08419	<.001	<.03
08420	0.004	0.137
08421	0.028	0.960
08422	0.012	0.411
08423	<.001	<.03
08424	<.001	<.03
08425	<.001	<.03
08426	0.004	0.137
08427	0.004	0.137
08428	0.002	0.069
08429	0.012	0.411
08430	0.022	0.754
08431	0.016	0.549
08432	0.020	0.686
08433	0.028	0.960
08434	0.054	1.851
08435	0.002	0.069
08436	0.020	0.686

20 **Splits**
1 **Pend**

Std OxL78	0.176	6.034
Blank	<.001	<.03

Certified Assayer: Linda Johnson

PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **11477**

Job No. 0-155

Date:
Oct. 14, 2011

Splits

Sample #	**Au Oz/ton**	**g/tonne**
08437	Pend	
08438	<.001	<.03
08439	0.014	0.480
08440	<.001	<.03
08441	0.008	0.274
08442	<.001	<.03
08443	<.001	<.03
08444	0.002	0.069
08445	<.001	<.03
08446	0.012	0.411
08447	0.012	0.411
08448	0.004	0.137
08449	0.006	0.206
08450	0.008	0.274
08451	0.006	0.206
08452	<.001	<.03
08453	0.008	0.274
08454	<.001	<.03
08455	0.002	0.069
08456	<.001	<.03
08457	<.001	<.03
08458	<.001	<.03

21 **Splits**
1 **Pend**

Std OxL78	0.176	6.034
Blank	<.001	<.03

Certified Assayer: Earla Johnson

PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **11478**

Job No. 0-155

Date:
Oct. 14, 2011

Splits

Sample #	**Au Oz/ton**	**g/tonne**
08459	<.001	<.03
08460	0.004	0.137
08461	0.166	5.691
08462	<.001	<.03
08463	<.001	<.03
08464	<.001	<.03
08465	<.001	<.03
08466	<.001	<.03
08467	<.001	<.03
08468	<.001	<.03
08469	<.001	<.03
08470	<.001	<.03
08471	<.001	<.03
08472	0.018	0.617
08473	0.008	0.274
08474	<.001	<.03
08475	<.001	<.03
08476	0.018	0.617
08477	<.001	<.03
08478	<.001	<.03
08479	0.014	0.480
08480	0.006	0.206
08481	0.018	0.617
08482	0.002	0.069
08483	0.006	0.206
08484	0.010	0.343
08485	Pend	

26 **Splits**
1 **Pend**

Std OxL78	0.170	5.829
Blank	<.001	<.03

Certified Assayer:

PolyMet Laboratories

		Client:	Queenston (Lebel Project)
CERTIFICATE	**11479**	Job No.	0-155

Date:
Oct. 14, 2011

	Original		**Check**	
Sample #	**Au Oz/ton**	**Au g/tonne**	**Au Oz/ton**	**Au g/tonne**
08416	0.076	2.606	0.088	3.017
08437	0.066	2.263	0.070	2.400
08485	0.160	5.486	0.188	6.446

3 + 6

Certified Assayer: Carla Johnson

PolyMet Labs
A Division of Polymet Resources Ltd.

1 Presley St, P.O. Box 699, Cobalt, Ontario, Canada P0J 1C0
Tel: (705) 679-5500 • Fax: (705) 679-5519
Email: info@polymetinc.com Website: www.polymetinc.com

Certificate of Analysis

Queenston Mining Inc.
(Lebel Project)

We certify that the assay results in the following Certificates are factual and true.

Certificate #'s 11518, 11519, 11520, 11521, 11522, 11523, 11524, 11525, 11526, 11527, 11528, 11529, 11530, & 11531

Certified by: _____
Assayer

Certified by: _____
President/Manager

Date: October 19, 2011

Disclaimer: The results included on this report relate only to the items tested. The Certificate of Analysis should not be reproduced except in full, without the written approval of the laboratory.

PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **11518**

Job No. 0-155

Date:
Oct. 19, 2011

Splits

Sample #	**Au Oz/ton**	**g/tonne**
06870	<.001	<.03
06871	<.001	<.03
06872	<.001	<.03
06873	<.001	<.03
06874	<.001	<.03
06875	<.001	<.03
06876	<.001	<.03
06877	<.001	<.03
06878	<.001	<.03
06879	<.001	<.03
06880	Pend	
06881	<.001	<.03
06882	<.001	<.03
06883	0.166	5.691
06884	<.001	<.03
06885	<.001	<.03

15 **Splits**
1 **Pend**

Std OxL78	0.176	6.034
Blank	<.001	<.03

Certified Assayer: Linda Johnson

PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **11519**

Job No. 0-155

Date:
Oct. 19, 2011

Splits

Sample #	**Au Oz/ton**	**g/tonne**
06886	<.001	<.03
06887	<.001	<.03
06888	<.001	<.03
06889	0.008	0.274
06890	0.028	0.960
06891	0.010	0.343
06892	<.001	<.03
06893	<.001	<.03
06894	0.010	0.343
06895	<.001	<.03
06896	0.024	0.823
06897	0.028	0.960
06898	<.001	<.03
06899	0.004	0.137
06900	0.004	0.137
06901	<.001	<.03
06902	<.001	<.03
06903	<.001	<.03
06904	<.001	<.03
06905	<.001	<.03
06906	<.001	<.03
06907	<.001	<.03

22 **Splits**

Std OxL78	0.176	6.034
Blank	<.001	<.03

Certified Assayer: Erika Johnson

PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **11520**

Job No. 0-155

Date:
Oct. 19, 2011

Splits

Sample #	**Au Oz/ton**	**g/tonne**
06908	<.001	<.03
06909	0.048	1.646
06910	<.001	<.03
06911	0.004	0.137
06931	<.001	<.03
06912	<.001	<.03
06913	<.001	<.03
06914	<.001	<.03
06915	<.001	<.03
06916	<.001	<.03
06917	Pend	
06918	<.001	<.03
06919	Pend	
06920	0.004	0.137
06921	Pend	
06922	0.016	0.549
06923	<.001	<.03
06924	<.001	<.03
06925	<.001	<.03
06926	<.001	<.03
06927	<.001	<.03
06928	<.001	<.03

19 **Splits**
3 **Pend**

Std OxL78	0.176	6.034
Blank	<.001	<.03

Certified Assayer: Carla Johnson

PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **11521**

Job No. 0-155

Date:
Oct. 19, 2011

Splits

Sample #	**Au Oz/ton**	**g/tonne**
06929	<.001	<.03
06930	<.001	<.03
06932	<.001	<.03
06933	0.168	5.760
06934	<.001	<.03
06935	<.001	<.03
06936	<.001	<.03
06937	<.001	<.03
06938	<.001	<.03
06939	<.001	<.03
06940	<.001	<.03
06941	<.001	<.03
06942	<.001	<.03
06943	<.001	<.03
06944	<.001	<.03
06945	<.001	<.03
06946	<.001	<.03
06947	<.001	<.03
06948	<.001	<.03
06949	<.001	<.03
06950	<.001	<.03

21 **Splits**

Std OxL78	0.176	6.034
Blank	<.001	<.03

Certified Assayer: Carla Johnson

PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **11522**

Job No. 0-155

Date:
Oct. 19, 2011

Splits

Sample #	**Au Oz/ton**	**g/tonne**
07501	<.001	<.03
07502	<.001	<.03
07503	<.001	<.03
07504	0.002	0.069
07505	<.001	<.03
07506	<.001	<.03
07507	<.001	<.03
07508	0.048	1.646
07509	<.001	<.03
07510	<.001	<.03
07511	0.004	0.137
07512	<.001	<.03
07513	0.004	0.137
07514	0.008	0.274
07515	<.001	<.03
07516	<.001	<.03
07517	<.001	<.03
07518	<.001	<.03
07519	0.008	0.274
07520	0.008	0.274
07521	Pend	
07522	<.001	<.03

21 **Splits**
1 **Pend**

Std OxL78	0.176	6.034
Blank	<.001	<.03

Certified Assayer: Paula Johnson

PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **11523**

Job No. 0-155

Date:
Oct. 19, 2011

Splits

Sample #	**Au Oz/ton**	**g/tonne**
07523	0.018	0.617
07524	<.001	<.03
07525	<.001	<.03
07526	0.014	0.480
07527	0.026	0.891
07528	Pend	
07529	0.022	0.754
07530	<.001	<.03
07531	0.012	0.411
07532	<.001	<.03
07533	0.176	6.034
07534	<.001	<.03
07535	<.001	<.03
07536	<.001	<.03
07537	0.010	0.343
07538	<.001	<.03
07539	0.012	0.411
07540	<.001	<.03
07541	<.001	<.03
07542	0.004	0.137
07543	0.002	0.069
07544	<.001	<.03

21 **Splits**
1 **Pend**

Std OxL78	0.176	6.034
Blank	<.001	<.03

Certified Assayer: Linda Johnson

PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **11524**

Job No. 0-155

Date:
Oct. 19, 2011

Splits

Sample #	**Au Oz/ton**	**g/tonne**
07545	<.001	<.03
07546	<.001	<.03
08486	<.001	<.03
08487	0.016	0.549
08488	Pend	
08489	0.026	0.891
08490	<.001	<.03
08491	0.052	1.783
08492	<.001	<.03
08493	<.001	<.03
08494	0.008	0.274
08495	<.001	<.03
08496	<.001	<.03
08497	0.028	0.960
08498	Pend	
08499	0.018	0.617
08500	0.018	0.617
07801	0.020	0.686
07802	0.020	0.686
07803	Pend	
07804	Pend	

17 **Splits**
4 **Pend**

Std OxL78	0.176	6.034
Blank	<.001	<.03

Certified Assayer: Carla Johnson

PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **11525**

Job No. 0-155

Date:
Oct. 19, 2011

Splits

Sample #	**Au Oz/ton**	**g/tonne**
07805	<.001	<.03
07806	<.001	<.03
07807	Pend	
07808	Pend	
07809	<.001	<.03
07810	0.004	0.137
07811	<.001	<.03
07812	<.001	<.03
07813	<.001	<.03
07814	<.001	<.03
07815	0.160	5.486
07816	Pend	
07817	<.001	<.03
07818	<.001	<.03
07819	<.001	<.03
07820	<.001	<.03
07821	<.001	<.03
07822	<.001	<.03
07823	<.001	<.03
07824	<.001	<.03
07825	0.006	0.206
07826	<.001	<.03

19 **Splits**
3 **Pend**

Std OxL78	0.172	5.897
Blank	<.001	<.03

Certified Assayer: Carla Johnson

PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **11526**

Job No. 0-155

Date:
Oct. 19, 2011

Splits

Sample #	**Au Oz/ton**	**g/tonne**
07827	0.002	0.069
07828	<.001	<.03
07829	0.002	0.069
07830	0.010	0.343
07831	0.010	0.343
07832	0.028	0.960
07833	0.008	0.274
07834	0.004	0.137
07835	<.001	<.03
07836	0.006	0.206
07837	0.008	0.274
07838	Pend	
07839	0.016	0.549
07840	<.001	<.03
07841	Pend	
07842	<.001	<.03
07843	Pend	
07844	Pend	
07845	0.004	0.137
07846	<.001	<.03
07847	<.001	<.03

17 **Splits**
4 **Pend**

Std OxL78	0.172	5.897
Blank	<.001	<.03

Certified Assayer: Carla Johnson

PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **11527**

Job No. 0-155

Date:
Oct. 19, 2011

Splits

Sample #	**Au Oz/ton**	**g/tonne**
07848	0.002	0.069
07849	0.052	1.783
07850	<.001	<.03
07851	<.001	<.03
07852	<.001	<.03
07853	<.001	<.03
07854	0.002	0.069
07855	0.004	0.137
07856	Pend	
07857	Pend	
07858	Pend	
07859	0.014	0.480
07860	0.006	0.206
07861	0.012	0.411
07862	0.008	0.274
07863	0.006	0.206
07864	0.024	0.823
07865	0.016	0.549
07866	<.001	<.03
07867	0.018	0.617
07868	0.028	0.960
07869	0.002	0.069

19 **Splits**
3 **Pend**

Std OxL78	0.172	5.897
Blank	<.001	<.03

Certified Assayer: Carla Johnson

PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **11528**

Job No. 0-155

Date:
Oct. 19, 2011

Splits

Sample #	**Au Oz/ton**	**g/tonne**
07870	<.001	<.03
07871	0.008	0.274
07872	<.001	<.03
07873	<.001	<.03
07874	0.004	0.137
07875	<.001	<.03
07876	<.001	<.03
07877	<.001	<.03
07878	0.004	0.137
07879	0.008	0.274
07880	0.004	0.137
07881	0.006	0.206
07882	<.001	<.03
07883	<.001	<.03
07884	Pend	
07885	<.001	<.03
07886	0.002	0.069
07887	<.001	<.03
07888	<.001	<.03
07889	<.001	<.03
07890	0.168	5.760
07891	<.001	<.03

21 **Splits**
1 **Pend**

Std OxL78	0.172	5.897
Blank	<.001	<.03

Certified Assayer: Karla Johnson

PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **11529**

Job No. 0-155

Date:
Oct. 19, 2011

Splits

Sample #	**Au Oz/ton**	**g/tonne**
07892	0.004	0.137
07893	<.001	<.03
07894	<.001	<.03
07895	0.002	0.069
07896	0.002	0.069
07897	0.026	0.891
07898	<.001	<.03
07899	0.014	0.480
07900	0.024	0.823
07901	0.026	0.891
07902	Pend	
07903	0.008	0.274
07904	Pend	
07905	Pend	
07906	0.016	0.549
07907	0.014	0.480
07908	Pend	
07909	Pend	
07910	0.024	0.823
07911	0.012	0.411
07912	0.020	0.686

16 **Splits**
5 **Pend**

Std OxL78	0.178	6.103
Blank	<.001	<.03

Certified Assayer: Carla Johnson

PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **11530**

Job No. 0-155

Date:
Oct. 19, 2011

Splits

Sample #	**Au Oz/ton**	**g/tonne**
07913	<.001	<.03
07914	0.008	0.274
07915	0.002	0.069
07916	0.016	0.549
07917	0.006	0.206
07918	0.014	0.480
07919	Pend	
07920	Pend	
07921	0.006	0.206
07922	Pend	
07923	Pend	
07924	0.020	0.686

8 **Splits**
4 **Pend**

Std OxL78	0.178	6.103
Blank	<.001	<.03

Certified Assayer: Linda Johnson

PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **11531**

Job No. 0-155

Date:
Oct. 19, 2011

	Original		Check	
Sample #	**Au Oz/ton**	**Au g/tonne**	**Au Oz/ton**	**Au g/tonne**
06880	0.032	1.097	0.024	0.823
06917	0.094	3.223	0.104	3.566
06919	0.092	3.154	0.110	3.771
06921	0.064	2.194	0.054	1.851
07521	0.140	4.800	0.120	4.114
07528	0.032	1.097	0.024	0.823
08488	0.040	1.371	0.036	1.234
08498	0.044	1.509	0.040	1.371
07803	0.064	2.194	0.052	1.783
07804	0.060	2.057	0.064	2.194
07807	0.056	1.920	0.052	1.783
07808	0.096	3.291	0.108	3.703
07816	0.042	1.440	0.038	1.303
07838	0.034	1.166	0.026	0.891
07841	0.064	2.194	0.058	1.989
07843	0.070	2.400	0.062	2.126
07844	0.040	1.371	0.048	1.646
07856	0.060	2.057	0.054	1.851
07857	0.094	3.223	0.114	3.909
07858	0.046	1.577	0.050	1.714
07884	0.142	4.869	0.110	3.771
07902	0.360	12.343	0.336	11.520
07904	0.036	1.234	0.032	1.097
07905	0.042	1.440	0.042	1.440
07908	0.118	4.046	0.132	4.526
07909	0.052	1.783	0.052	1.783
07919	0.046	1.577	0.062	2.126
07920	0.040	1.371	0.046	1.577
07922	0.044	1.509	0.044	1.509
07923	0.042	1.440	0.040	1.371

30 + 60

Certified Assayer:

PolyMet Labs
A Division of Polymet Resources Ltd.

1 Presley St, P.O. Box 699, Cobalt, Ontario, Canada P0J 1C0
Tel: (705) 679-5500 • Fax: (705) 679-5519
Email: info@polymetinc.com Website: www.polymetinc.com

Certificate of Analysis

Queenston Mining Inc.
(Lebel Project)

We certify that the assay results in the following Certificates are factual and true.

Certificate #'s 11629, 11630, 11631, 11632, 11634, 11635, 11636, & 11637

Certified by: _____
Chief Assayer

Certified by: _____
President/Manager

Date: November 1, 2011

Disclaimer: The results included on this report relate only to the items tested. The Certificate of Analysis should not be reproduced except in full, without the written approval of the laboratory.

PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **11629**

Job No. 0-155

Date:
Oct. 31, 2011

Splits

Sample #	**Au Oz/ton**	**g/tonne**
07987	<.001	<.03
07988	<.001	<.03
07989	<.001	<.03
07990	<.001	<.03
07991	<.001	<.03
07992	<.001	<.03
07993	<.001	<.03
07994	<.001	<.03
07995	<.001	<.03
07996	<.001	<.03
07997	<.001	<.03

11 **Splits**

Std OxL78	0.176	6.034
Blank	<.001	<.03

Certified Assayer:

PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **11630**

Job No. 0-155

Date:
Oct. 31, 2011

Splits

Sample #	**Au Oz/ton**	**g/tonne**
07998	<.001	<.03
07999	<.001	<.03
08000	<.001	<.03
09001	<.001	<.03
09002	<.001	<.03
09003	<.001	<.03
09004	<.001	<.03
09005	<.001	<.03
09006	<.001	<.03
09007	<.001	<.03
09008	<.001	<.03
09009	<.001	<.03
09011	<.001	<.03
09012	<.001	<.03
09013	<.001	<.03
09014	<.001	<.03
09015	<.001	<.03
09016	<.001	<.03
09017	<.001	<.03
09018	<.001	<.03
09019	<.001	<.03

21 **Splits**

Std OxL78	0.176	6.034
Blank	<.001	<.03

Certified Assayer:



PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **11631**

Job No. 0-155

Date:
Oct. 31, 2011

Splits

Sample #	**Au Oz/ton**	**g/tonne**
09020	<.001	<.03
09021	<.001	<.03
09022	<.001	<.03
09023	<.001	<.03
09024	<.001	<.03
09025	<.001	<.03
09026	<.001	<.03
09027	<.001	<.03
09028	<.001	<.03
09029	<.001	<.03
09030	<.001	<.03
09031	<.001	<.03
09032	<.001	<.03
09033	<.001	<.03
09034	<.001	<.03
09035	<.001	<.03
09036	<.001	<.03
09037	<.001	<.03
07791	<.001	<.03
07792	<.001	<.03
07793	<.001	<.03
07794	0.016	0.549

22 **Splits**

Std OxL78	0.178	6.103
Blank	<.001	<.03

Certified Assayer:

PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **11632**

Job No. 0-155

Date:
Oct. 31, 2011

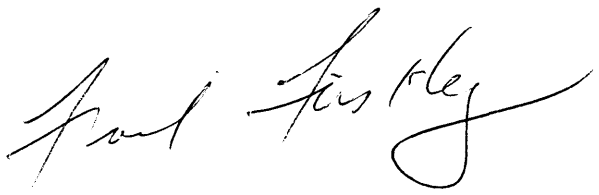
Splits

Sample #	**Au Oz/ton**	**g/tonne**
07795	<.001	<.03
07796	<.001	<.03
07797	<.001	<.03
07798	<.001	<.03
07799	<.001	<.03
07800	<.001	<.03
08501	<.001	<.03
08502	<.001	<.03
08503	<.001	<.03
08504	0.052	1.783
08505	<.001	<.03
08506	<.001	<.03
08507	<.001	<.03
08508	<.001	<.03
08509	<.001	<.03
08510	<.001	<.03
08511	<.001	<.03
08512	<.001	<.03
08513	<.001	<.03
08514	0.006	0.206
08515	<.001	<.03
08516	<.001	<.03

22 **Splits**

Std OxL78	0.178	6.103
Blank	<.001	<.03

Certified Assayer:



PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **11634**

Job No. 0-155

Date:
Oct. 31, 2011

Splits

Sample #	**Au Oz/ton**	**g/tonne**
08517	<.001	<.03
08518	0.002	0.069
08519	<.001	<.03
08520	0.008	0.274
08521	<.001	<.03
08522	0.028	0.960
08523	<.001	<.03
08524	<.001	<.03
08525	0.022	0.754
08526	0.004	0.137
08527	0.002	0.069
08528	<.001	<.03
08529	<.001	<.03
08530	<.001	<.03
08531	<.001	<.03
08532	<.001	<.03
08533	0.004	0.137
08534	0.172	5.897
08535	<.001	<.03
08536	0.002	0.069
08537	0.002	0.069

21 **Splits**

Std OxL78	0.178	6.103
Blank	<.001	<.03

Certified Assayer:

PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **11635**

Job No. 0-155

Date:
Nov. 1, 2011

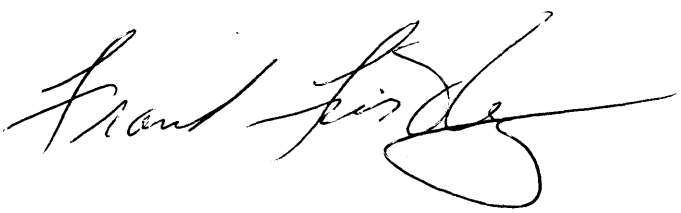
Splits

Sample #	**Au Oz/ton**	**g/tonne**
08538	<.001	<.03
08539	0.022	0.754
08540	<.001	<.03
08541	<.001	<.03
08542	<.001	<.03
08543	0.024	0.823
08544	0.018	0.617
08545	0.006	0.206
08546	<.001	<.03
08547	<.001	<.03
08548	0.002	0.069
08549	<.001	<.03
08550	0.016	0.549
08551	<.001	<.03
08552	<.001	<.03
08553	Pend	
08554	<.001	<.03
08555	<.001	<.03
08556	<.001	<.03
08557	<.001	<.03
08558	<.001	<.03
08559	0.004	0.137

21 **Splits**
1 **Pend**

Std OxL78	0.178	6.103
Blank	<.001	<.03

Certified Assayer:



PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **11636**

Job No. 0-155

Date:
Nov. 1, 2011

Splits

Sample #	**Au Oz/ton**	**g/tonne**
08560	0.006	0.206
08561	0.010	0.343
08562	0.006	0.206
08563	0.004	0.137
08564	<.001	<.03
08565	<.001	<.03
08566	0.002	0.069
08567	<.001	<.03
08568	<.001	<.03
08569	0.052	1.783
08570	<.001	<.03
08571	<.001	<.03
08572	<.001	<.03
08573	Pend	
08574	<.001	<.03
08575	0.004	0.137

15 **Splits**
1 **Pend**

Std OxL78	0.174	5.966
Blank	<.001	<.03

Certified Assayer:



PolyMet Laboratories

		Client:	Queenston (Lebel Project)
CERTIFICATE	**11637**	Job No.	0-155

Date:
Nov. 1, 2011

	Original		**Check**	
Sample #	**Au Oz/ton**	**Au g/tonne**	**Au Oz/ton**	**Au g/tonne**
08553	0.056	1.920	0.060	2.057
08573	0.040	1.371	0.030	1.029

2 + 4

Certified Assayer:

PolyMet Labs
A Division of Polymet Resources Ltd.

1 Presley St, P.O. Box 699, Cobalt, Ontario, Canada P0J 1C0
Tel: (705) 679-5500 • Fax: (705) 679-5519
Email: info@polymetinc.com Website: www.polymetinc.com

Certificate of Analysis

Queenston Mining Inc.
(Lebel Project)

We certify that the assay results in the following Certificates are factual and true.

Certificate #'s 11777, 11778, 11779, 11780, 11781, 11782, & 11783 + 11784

Certified by: _____
Chief Assayer

Certified by: _____
President/Manager

Date: November 14, 2011

Disclaimer: The results included on this report relate only to the items tested. The Certificate of Analysis should not be reproduced except in full, without the written approval of the laboratory.

PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **11777**

Job No. 0-155

Date:
Nov. 14, 2011

Splits

Sample #	**Au Oz/ton**	**g/tonne**
09144	<.001	<.03
09145	<.001	<.03
09146	<.001	<.03
09147	<.001	<.03
09148	<.001	<.03
09149	0.048	1.646
09150	<.001	<.03
09151	<.001	<.03
09152	<.001	<.03
09153	<.001	<.03
09154	0.008	0.274
09155	<.001	<.03
09156	0.020	0.686
09157	<.001	<.03
09158	<.001	<.03
09159	<.001	<.03
09160	<.001	<.03
09161	<.001	<.03
09162	<.001	<.03
09163	0.012	0.411
09164	<.001	<.03
09165	0.010	0.343

22 **Splits**

Std OxL 93	0.168	5.760
Blank	<.001	<.03

Certified Assayer:

PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **11778**

Job No. 0-155

Date:
Nov. 14, 2011

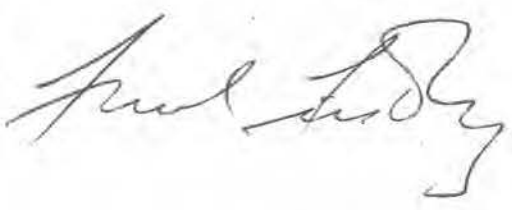
Splits

Sample #	**Au Oz/ton**	**g/tonne**
09166	0.016	0.549
09167	Pend	
09168	<.001	<.03
09169	<.001	<.03
09170	<.001	<.03
08870	<.001	<.03
08871	<.001	<.03
08872	<.001	<.03
08873	<.001	<.03
08874	<.001	<.03
08875	<.001	<.03
08876	<.001	<.03
08877	<.001	<.03
08878	<.001	<.03
08879	<.001	<.03
08880	<.001	<.03
08881	<.001	<.03
08882	<.001	<.03
08883	<.001	<.03
08884	0.164	5.623
08885	<.001	<.03
08886	<.001	<.03

21 **Splits**
1 **Pend**

Std OxL 93	0.168	5.760
Blank	<.001	<.03

Certified Assayer:



PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **11779**

Job No. 0-155

Date:
Nov. 14, 2011

Splits

Sample #	**Au Oz/ton**	**g/tonne**
08887	<.001	<.03
08888	<.001	<.03
08889	<.001	<.03
08890	0.002	0.069
08891	<.001	<.03
08892	<.001	<.03
08893	<.001	<.03
08894	<.001	<.03
08895	<.001	<.03
08896	<.001	<.03
08897	<.001	<.03
08898	<.001	<.03
08899	<.001	<.03
08900	<.001	<.03
08901	<.001	<.03
08902	<.001	<.03
08903	<.001	<.03
08904	<.001	<.03
08905	<.001	<.03
08906	Pend	
08907	<.001	<.03

20 **Splits**
1 **Pend**

Std OxL 93	0.176	6.034
Blank	<.001	<.03

Certified Assayer:



PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **11780**

Job No. 0-155

Date:
Nov. 14, 2011

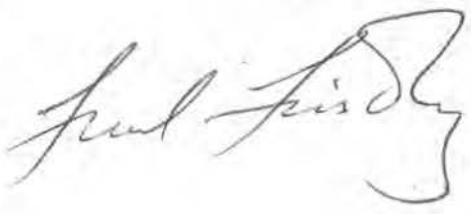
Splits

Sample #	**Au Oz/ton**	**g/tonne**
08908	<.001	<.03
08909	0.052	1.783
08910	<.001	<.03
08911	<.001	<.03
08912	<.001	<.03
08913	<.001	<.03
08914	<.001	<.03
08915	<.001	<.03
08916	<.001	<.03
08917	<.001	<.03
08918	<.001	<.03
08919	<.001	<.03
08920	<.001	<.03
08921	<.001	<.03
08922	<.001	<.03
08923	<.001	<.03
08924	<.001	<.03
09171	0.008	0.274
09172	<.001	<.03
09173	<.001	<.03
09174	<.001	<.03
09175	<.001	<.03

22 **Splits**

Std OxL 93	0.176	6.034
Blank	<.001	<.03

Certified Assayer:



PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **11781**

Job No. 0-155

Date:
Nov. 14, 2011

Splits

Sample #	**Au Oz/ton**	**g/tonne**
09176	<.001	<.03
09177	<.001	<.03
09178	0.166	5.691
09179	<.001	<.03
09180	0.014	0.480
09181	<.001	<.03
09182	<.001	<.03
09183	Pend	
09184	<.001	<.03
09185	<.001	<.03
09186	<.001	<.03
09187	0.008	0.274
09188	0.006	0.206
09189	<.001	<.03
09190	<.001	<.03
09191	<.001	<.03
09192	<.001	<.03
09193	<.001	<.03
09194	<.001	<.03
09195	<.001	<.03
09196	<.001	<.03
09197	0.052	1.783

21 **Splits**
1 **Pend**

Std OxL 93	0.174	5.966
Blank	<.001	<.03

Certified Assayer:

PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **11782**

Job No. 0-155

Date:
Nov. 14, 2011

Splits

Sample #	**Au Oz/ton**	**g/tonne**
09198	<.001	<.03
09199	<.001	<.03
09200	<.001	<.03
09201	<.001	<.03
09202	<.001	<.03
09203	<.001	<.03
09204	<.001	<.03
09205	<.001	<.03
09206	<.001	<.03
09207	<.001	<.03
09208	<.001	<.03
09209	<.001	<.03
09210	<.001	<.03
09211	<.001	<.03
09212	<.001	<.03
09213	<.001	<.03
09214	<.001	<.03
09215	<.001	<.03
09216	<.001	<.03
09217	<.001	<.03
09218	<.001	<.03

21 **Splits**

Std OxL 93	0.174	5.966
Blank	<.001	<.03

Certified Assayer:



PolyMet Laboratories

Client: Queenston (Lebel Project)
Job No. 0-155

CERTIFICATE **11783**

Date:
Nov. 14, 2011

Splits

Sample #	**Au Oz/ton**	**g/tonne**
09219	<.001	<.03
09220	<.001	<.03
09221	<.001	<.03
09222	<.001	<.03
09223	0.002	0.069
09224	<.001	<.03
09225	0.172	5.897
09226	<.001	<.03

8 **Splits**

Std OxL 93	0.172	5.897
Blank	<.001	<.03

Certified Assayer:

PolyMet Laboratories

CERTIFICATE **11784**

Client: Queenston (Lebel Project)
Job No. 0-155

Date:
Nov. 14, 2011

Sample #	Original Au Oz/ton	Original Au g/tonne	Check Au Oz/ton	Check Au g/tonne
09167	0.076	2.606	0.050	1.714
08906	0.038	1.303	0.032	1.097
09183	0.032	1.097	0.032	1.097

3 + 6

Certified Assayer:

PolyMet Labs
A Division of Polymet Resources Ltd.

1 Presley St, P.O. Box 699, Cobalt, Ontario, Canada P0J 1C0
Tel: (705) 679-5500 • Fax: (705) 679-5519
Email: info@polymetinc.com Website: www.polymetinc.com

Certificate of Analysis

Queenston Mining Inc.
(Lebel Project)

We certify that the assay results in the following Certificates are factual and true.

Certificate #'s 11927, 11928, 11929, & 11930

Certified by: _____
Chief Assayer

Certified by: _____
President/Manager

Date: November 24, 2011

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PolyMet Laboratories

Client: Queenston (Lebel Project)
Job No. 0-155

CERTIFICATE **11927**
RUSH

Date:
Nov. 24, 2011

Splits

Sample #	**Au Oz/ton**	**g/tonne**
12242	<.001	<.03
12280	<.001	<.03
12281	<.001	<.03
12282	<.001	<.03
12283	0.022	0.754
12284	<.001	<.03
12285	<.001	<.03
12286	0.018	0.617
12287	0.054	1.851
12288	0.004	0.137
12289	0.028	0.960
12290	0.008	0.274

12 **Splits**

Std OxL 93	0.176	6.034
Blank	<.001	<.03

Certified Assayer:

PolyMet Laboratories

Client: Queenston (Lebel Project)
Job No. 0-155

CERTIFICATE **11928**
RUSH

Date:
Nov. 24, 2011

Splits

Sample #	**Au Oz/ton**	**g/tonne**
12291	0.022	0.754
12292	0.012	0.411
12293	0.012	0.411
12294	0.018	0.617
12295	0.006	0.206
12296	0.018	0.617
12297	0.020	0.686
12298	0.006	0.206
12299	0.004	0.137
12300	0.016	0.549
12301	0.022	0.754
12302	0.006	0.206
12303	0.008	0.274
12304	0.170	5.829
12305	0.014	0.480
12306	0.028	0.960
12307	0.014	0.480
12308	0.028	0.960
12309	Pend	
12310	<.001	<.03
12311	Pend	

Std OxL 93	0.174	5.966
Blank	<.001	<.03

19 **Splits**
2 **Pend**

Certified Assayer:

PolyMet Laboratories

Client: Queenston (Lebel Project)
Job No. 0-155

CERTIFICATE **11929**
RUSH

Date:
Nov. 24, 2011

Splits

Sample #	**Au Oz/ton**	**g/tonne**
12312	Pend	
12313	0.008	0.274
12314	0.028	0.960
12315	0.002	0.069
12316	0.018	0.617
12317	Pend	
12318	Pend	
12319	Pend	
12320	0.008	0.274
12243	<.001	<.03
12244	<.001	<.03
12245	<.001	<.03
12246	<.001	<.03
12247	<.001	<.03
12270	<.001	<.03
12271	<.001	<.03
12272	Pend	
12273	Pend	
12274	<.001	<.03
12275	0.008	0.274
12277	<.001	<.03
12278	<.001	<.03
12279	0.002	0.069

17 **Splits**
6 **Pend**

Std OxL 93	0.174	5.966
Blank	<.001	<.03

Certified Assayer:



PolyMet Laboratories

CERTIFICATE **11930**

Client: Queenston (Lebel Project)
Job No. 0-155

Date:
Nov. 24, 2011

Sample #	Original Au Oz/ton	Original Au g/tonne	Check Au Oz/ton	Check Au g/tonne
12309	0.036	1.234	0.034	1.166
12311	0.032	1.097	0.030	1.029
12312	0.038	1.303	0.038	1.303
12317	0.056	1.920	0.048	1.646
12318	0.072	2.469	0.066	2.263
12319	0.056	1.920	0.076	2.606
12272	0.080	2.743	0.070	2.400
12273	0.062	2.126	0.060	2.057

8 + 16

Certified Assayer:

PolyMet Labs
A Division of Polymet Resources Ltd.

1 Presley St, P.O. Box 699, Cobalt, Ontario, Canada P0J 1C0
Tel: (705) 679-5500 • Fax: (705) 679-5519
Email: info@polymetinc.com Website: www.polymetinc.com

Certificate of Analysis

Queenston Mining Inc.
(Lebel Project)

We certify that the assay results in the following Certificates are factual and true.

Certificate #'s 11938, 11939, 11940, 11941, 11942, 11943, 11944, & 11945

Certified by: _____
Chief Assayer

Certified by: _____
President/Manager

Date: November 25, 2011

Disclaimer: The results included on this report relate only to the items tested. The Certificate of Analysis should not be reproduced except in full, without the written approval of the laboratory.

PolyMet Laboratories

Client: Queenston (Lebel Project)
Job No. 0-155

CERTIFICATE **11938**

Date:
Nov. 25, 2011

Splits

Sample #	**Au Oz/ton**	**g/tonne**
09288	0.006	0.206
09289	<.001	<.03
09290	<.001	<.03
09291	<.001	<.03
09292	<.001	<.03
09293	<.001	<.03
09294	<.001	<.03
09295	<.001	<.03
09296	<.001	<.03
09297	<.001	<.03
09298	<.001	<.03
09299	<.001	<.03
09300	<.001	<.03
09301	<.001	<.03
09302	<.001	<.03
09303	<.001	<.03
09304	0.008	0.274
09305	Pend	
09306	Pend	
09307	<.001	<.03
09308	0.014	0.480
09309	0.014	0.480

20 **Splits**
2 **Pend**

Std OxL 93	0.176	6.034
Blank	<.001	<.03

Certified Assayer:



PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **11939**

Job No. 0-155

Date:
Nov. 25, 2011

Splits

Sample #	**Au Oz/ton**	**g/tonne**
09310	0.028	0.960
09311	0.024	0.823
09312	0.004	0.137
09313	0.006	0.206
09314	<.001	<.03
09315	0.010	0.343
09316	<.001	<.03
09317	<.001	<.03
09318	0.020	0.686
09319	0.024	0.823
09320	0.016	0.549
09321	0.022	0.754
09322	0.020	0.686
09323	Pend	
09324	0.028	0.960
09325	Pend	
09326	Pend	
09327	Pend	
09328	0.010	0.343
09329	0.024	0.823
09330	Pend	
09331	Pend	

16 **Splits**
6 **Pend**

Std OxL 93	0.176	6.034
Blank	<.001	<.03

Certified Assayer:

PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **11940**

Job No. 0-155

Date:
Nov. 25, 2011

Splits

Sample #	**Au Oz/ton**	**g/tonne**
09332	Pend	
09333	0.028	0.960
09334	0.002	0.069
09335	0.004	0.137
09336	0.022	0.754
09337	0.002	0.069
09338	<.001	<.03
09339	<.001	<.03
09340	0.170	5.829
09341	Pend	
09342	<.001	<.03
09343	0.012	0.411
09344	0.018	0.617
09345	<.001	<.03
09346	0.020	0.686
09347	0.018	0.617
09348	0.018	0.617
09349	<.001	<.03
09350	<.001	<.03
09351	<.001	<.03
09352	<.001	<.03

19 **Splits**
2 **Pend**

Std OxL 93	0.174	5.966
Blank	<.001	<.03

Certified Assayer:

PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **11941**

Job No. 0-155

Date:
Nov. 25, 2011

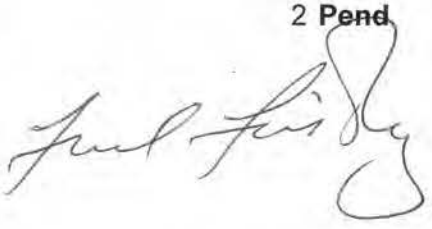
Splits

Sample #	**Au Oz/ton**	**g/tonne**
09353	0.016	0.549
09354	0.010	0.343
09355	<.001	<.03
3311	0.002	0.069
09356	<.001	<.03
09357	<.001	<.03
09358	<.001	<.03
09359	<.001	<.03
09360	Pend	
09361	<.001	<.03
09362	0.024	0.823
09363	Pend	
09364	<.001	<.03
09365	<.001	<.03
09366	0.006	0.206
09367	<.001	<.03
09368	0.008	0.274
09369	<.001	<.03
09370	<.001	<.03
09371	0.008	0.274
09372	0.004	0.137
09373	0.012	0.411

20 **Splits**
2 **Pend**

Std OxL 93	0.174	5.966
Blank	<.001	<.03

Certified Assayer:



PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **11942**

Job No. 0-155

Date:
Nov. 25, 2011

Splits

Sample #	**Au Oz/ton**	**g/tonne**
3310	Pend	
09374	0.008	0.274
09375	0.008	0.274
09376	Pend	
09377	0.008	0.274
09378	0.010	0.343
09379	<.001	<.03
09380	<.001	<.03
09381	<.001	<.03
09382	0.054	1.851
09383	<.001	<.03
09384	<.001	<.03
09385	<.001	<.03
09386	<.001	<.03
09387	<.001	<.03
09388	<.001	<.03
09389	<.001	<.03
09390	<.001	<.03
09391	<.001	<.03
09392	<.001	<.03
09393	<.001	<.03

19 **Splits**
2 **Pend**

Std OxL 93	0.176	6.034
Blank	<.001	<.03

Certified Assayer:



PolyMet Laboratories

Client: Queenston (Lebel Project)
Job No. 0-155

CERTIFICATE **11943**

Date:
Nov. 25, 2011

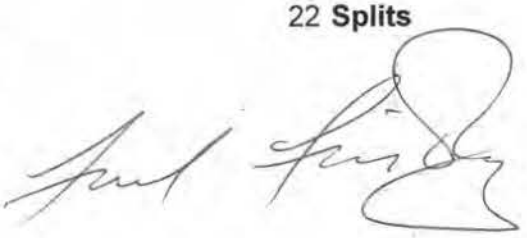
Splits

Sample #	**Au Oz/ton**	**g/tonne**
09394	<.001	<.03
09395	<.001	<.03
09396	<.001	<.03
09397	<.001	<.03
09398	<.001	<.03
09399	<.001	<.03
09400	<.001	<.03
12151	<.001	<.03
12152	<.001	<.03
12153	0.172	5.897
12154	<.001	<.03
12155	<.001	<.03
12156	<.001	<.03
12157	<.001	<.03
12158	<.001	<.03
12159	<.001	<.03
09432	<.001	<.03
09433	<.001	<.03
09434	<.001	<.03
09435	<.001	<.03
09436	<.001	<.03
09437	<.001	<.03

22 **Splits**

Std OxL 93	0.176	6.034
Blank	<.001	<.03

Certified Assayer:



PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **11944**

Job No. 0-155

Date:
Nov. 25, 2011

Splits

Sample #	**Au Oz/ton**	**g/tonne**
09438	<.001	<.03
09439	<.001	<.03
09440	0.002	0.069
09441	<.001	<.03
09442	<.001	<.03
09443	0.008	0.274
09444	0.006	0.206
09445	<.001	<.03
09446	<.001	<.03
09447	<.001	<.03
09448	0.170	5.829
09449	<.001	<.03
09450	<.001	<.03
09451	<.001	<.03
09452	<.001	<.03
09453	<.001	<.03
09454	0.012	0.411
09455	0.008	0.274
09456	0.002	0.069
09457	<.001	<.03
09458	<.001	<.03
09459	<.001	<.03

22 **Splits**

Std OxL 93	0.176	6.034
Blank	<.001	<.03

Certified Assayer:

PolyMet Laboratories

CERTIFICATE **11945**

Client: Queenston (Lebel Project)
Job No. 0-155

Date:
Nov. 25, 2011

	Original		Check	
Sample #	**Au Oz/ton**	**Au g/tonne**	**Au Oz/ton**	**Au g/tonne**
09305	0.052	1.783	0.048	1.646
09306	0.040	1.371	0.038	1.303
09323	0.062	2.126	0.076	2.606
09325	0.058	1.989	0.060	2.057
09326	0.034	1.166	0.040	1.371
09327	0.070	2.400	0.074	2.537
09330	0.060	2.057	0.054	1.851
09331	0.038	1.303	0.036	1.234
09332	0.048	1.646	0.062	2.126
09341	0.038	1.303	0.038	1.303
09360	0.042	1.440	0.050	1.714
09363	0.142	4.869	0.172	5.897
3310	0.046	1.577	0.040	1.371
09376	0.030	1.029	0.020	0.686

Certified Assayer: 14 + 28

PolyMet Labs
A Division of Polymet Resources Ltd.

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Tel: (705) 679-5500 • Fax: (705) 679-5519
Email: info@polymetinc.com Website: www.polymetinc.com

Certificate of Analysis

Queenston Mining Inc.
(Lebel Project)

We certify that the assay results in the following Certificates are factual and true.

Certificate #'s 11946, 11947, 11948, 11949, & 11950

Certified by: _____
Chief Assayer

Certified by: _____
President/Manager

Date: November 25, 2011

Disclaimer: The results included on this report relate only to the items tested. The Certificate of Analysis should not be reproduced except in full, without the written approval of the laboratory.

PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **11946**

Job No. 0-155

Date:
Nov. 25, 2011

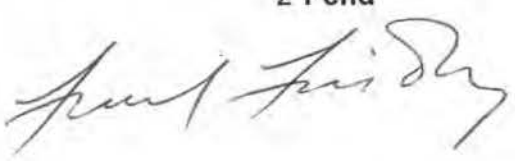
Splits

Sample #	**Au Oz/ton**	**g/tonne**
09460	<.001	<.03
09461	<.001	<.03
09462	<.001	<.03
09463	<.001	<.03
09464	0.006	0.206
09465	<.001	<.03
09466	<.001	<.03
09467	0.012	0.411
09468	<.001	<.03
09469	0.028	0.960
09470	<.001	<.03
09471	<.001	<.03
09472	0.002	0.069
09473	0.052	1.783
09474	Pend	
09475	Pend	
09476	<.001	<.03
09477	0.002	0.069
09478	<.001	<.03
09479	<.001	<.03
09480	<.001	<.03

19 **Splits**
2 **Pend**

Std OxL 93	0.176	6.034
Blank	<.001	<.03

Certified Assayer:



PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **11947**

Job No. 0-155

Date:
Nov. 26, 2011

Splits

Sample #	**Au Oz/ton**	**g/tonne**
09481	<.001	<.03
09482	0.002	0.069
09483	<.001	<.03
09484	<.001	<.03
09485	<.001	<.03
09486	<.001	<.03
09487	<.001	<.03
09488	0.004	0.137
09489	0.020	0.686
09490	0.006	0.206
09491	<.001	<.03
09492	0.006	0.206
09493	<.001	<.03
09494	<.001	<.03
09495	<.001	<.03
09496	<.001	<.03
09497	<.001	<.03
09498	0.165	5.657
09499	<.001	<.03
09500	<.001	<.03
09501	<.001	<.03
09502	<.001	<.03

22 **Splits**

Std OxL 93	0.172	5.897
Blank	<.001	<.03

Certified Assayer:

PolyMet Laboratories

Client: Queenston (Lebel Project)
Job No. 0-155

CERTIFICATE **11948**

Date:
Nov. 26, 2011

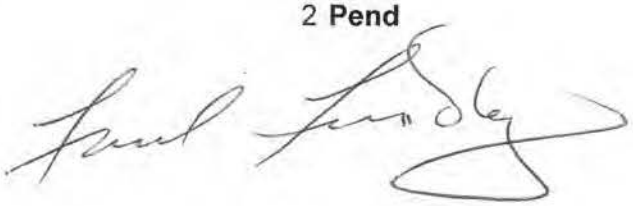
Splits

Sample #	**Au Oz/ton**	**g/tonne**
09503	<.001	<.03
09504	<.001	<.03
09505	<.001	<.03
09506	<.001	<.03
09507	<.001	<.03
09508	<.001	<.03
09509	<.001	<.03
09510	<.001	<.03
09511	<.001	<.03
09512	<.001	<.03
09513	<.001	<.03
09514	<.001	<.03
09515	<.001	<.03
09516	<.001	<.03
09517	<.001	<.03
3312	<.001	<.03
3313	<.001	<.03
3314	Pend	
3315	Pend	
09518	<.001	<.03
09519	<.001	<.03
09520	<.001	<.03

20 **Splits**
2 **Pend**

Std OxL 93	0.172	5.897
Blank	<.001	<.03

Certified Assayer:



PolyMet Laboratories

CERTIFICATE **11949**

Client: Queenston (Lebel Project)
Job No. 0-155

Date:
Nov. 26, 2011

Splits

Sample #	**Au Oz/ton**	**g/tonne**
09521	<.001	<.03
09522	<.001	<.03
09523	<.001	<.03
09524	Pend	
09525	0.052	1.783
09526	0.016	0.549
09527	0.004	0.137
09528	<.001	<.03
09529	0.018	0.617
09530	<.001	<.03
09531	<.001	<.03
09532	<.001	<.03
09533	<.001	<.03
09534	<.001	<.03

Std OxL 93	0.174	5.966
Blank	<.001	<.03

13 **Splits**
1 **Pend**

Certified Assayer:



PolyMet Laboratories

CERTIFICATE **11950**

Client: Queenston (Lebel Project)
Job No. 0-155

Date:
Nov. 26, 2011

Sample #	Original Au Oz/ton	Original Au g/tonne	Check Au Oz/ton	Check Au g/tonne
09474	0.044	1.509	0.052	1.783
09475	0.052	1.783	0.054	1.851
3314	0.052	1.783	0.050	1.714
3315	0.192	6.583	0.134	4.594
09524	0.042	1.440	0.034	1.166

5 + 10

Certified Assayer:

PolyMet Labs
A Division of Polymet Resources Ltd.

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Tel: (705) 679-5500 • Fax: (705) 679-5519
Email: info@polymetinc.com Website: www.polymetinc.com

Certificate of Analysis

Queenston Mining Inc.
(Lebel Project)

We certify that the assay results in the following Certificates are factual and true.

Certificate #'s 11970, 11971, & 11972

Certified by: _____
Chief Assayer

Certified by: _____
President/Manager

Date: November 29, 2011

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PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **11970**

Job No. 0-155

Date:
Nov. 29, 2011

Splits

Sample #	**Au Oz/ton**	**g/tonne**
09535	<.001	<.03
09536	<.001	<.03
09537	<.001	<.03
09538	<.001	<.03
09539	<.001	<.03
09540	<.001	<.03
09541	<.001	<.03
09542	<.001	<.03
09543	<.001	<.03
09544	<.001	<.03
09545	0.164	5.623
09546	<.001	<.03
09547	<.001	<.03
09548	<.001	<.03
09549	<.001	<.03
09550	<.001	<.03
09551	<.001	<.03
09552	<.001	<.03
09553	<.001	<.03
09554	<.001	<.03
09555	<.001	<.03
09556	<.001	<.03
09557	<.001	<.03
09558	<.001	<.03
09559	<.001	<.03
09560	<.001	<.03
09561	<.001	<.03
09562	<.001	<.03
09563	<.001	<.03
09564	<.001	<.03

30 **Splits**

Std OxL 93	0.174	5.966
Blank	<.001	<.03

Certified Assayer:

PolyMet Laboratories

Client: Queenston (Lebel Project)
Job No. 0-155

CERTIFICATE **11971**

Date:
Nov. 29, 2011

Splits

Sample #	**Au Oz/ton**	**g/tonne**
09565	<.001	<.03
09566	<.001	<.03
09567	0.050	1.714
09568	<.001	<.03
09569	<.001	<.03
09570	<.001	<.03
09571	<.001	<.03
09572	<.001	<.03
09573	<.001	<.03
09574	<.001	<.03
09575	<.001	<.03
09576	<.001	<.03
09577	<.001	<.03
09578	<.001	<.03
09579	<.001	<.03
09580	<.001	<.03
09581	<.001	<.03
09582	<.001	<.03
09583	<.001	<.03
09584	<.001	<.03
09585	<.001	<.03

21 **Splits**

Std OxL 93	0.172	5.897
Blank	<.001	<.03

Certified Assayer:



PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **11972**

Job No. 0-155

Date:
Nov. 29, 2011

Splits

Sample #	**Au Oz/ton**	**g/tonne**
09586	<.001	<.03
09587	<.001	<.03
09588	<.001	<.03
09589	0.166	5.691
09590	<.001	<.03
09591	<.001	<.03
09592	<.001	<.03
09593	<.001	<.03
09594	0.016	0.549
09595	<.001	<.03
09596	<.001	<.03
09597	<.001	<.03
09598	<.001	<.03
09599	<.001	<.03
06959	<.001	<.03
09600	<.001	<.03
09601	<.001	<.03
09602	<.001	<.03
09603	0.010	0.343
09604	0.002	0.069
09605	<.001	<.03
09606	<.001	<.03
09607	<.001	<.03

23 **Splits**

Std OxL 93	0.172	5.897
Blank	<.001	<.03

Certified Assayer:



Established 1928

Swastika Laboratories Ltd

Assaying - Consulting - Representation

Assay Certificate

Certificate Number: 12-437

Company: **Queenston Mining Inc.**

Project: Lebel

Report Date: 10-Feb-12

Attn: Dan McCormack

We hereby certify the following Assay of 33 pulp samples submitted 01-Feb-12 by Dan McCormack

Sample Number	Au FA-AAS ppb	Au Chk FA-AAS ppb	Au FA-AAS g/Mt	Au Chk FA-AAS g/Mt	Au FA-GRAV ppb	Au FA-GRAV g/Mt	Au Chk FA-GRAV ppb	Au Chk FA-GRAV g/Mt
11956	1039		1.04					1.06
12443	1338		1.34					1.34
12447	2800		2.80					2.92
12436					2641	2.64		2.54
10468	1115		1.12					1.20
10369	5096		5.10					5.15
10372	1734		1.73					1.61
10553	1475		1.47					1.44
10579	4432		4.43					4.25
10598	1286		1.29					1.17
Blank Value	< 2		< 0.01					
OxH82	1269		1.27					
12383	1281		1.28					1.17
10423	1207		1.21					1.23
10424	8492		8.49					9.06
11914	89		0.09					
11911	46		0.05					
11910	247		0.25					
09788	507		0.51					
10345	471		0.47					
12365	562		0.56					
12363	1034		1.03				993	0.99
12364	15354		15.35					15.16
10356	1384		1.38					1.44
10295	3010		3.01					3.02

Certified by Jing Lin

Jing Lin, M Sc.

1 Cameron Ave., P.O. Box 10, Swastika, Ontario P0K 1T0
Telephone (705) 642-3244 Fax (705) 642-3300

Established 1928

Swastika Laboratories Ltd

Assaying - Consulting - Representation

Assay Certificate

Certificate Number: 12-437

Company: **Queenston Mining Inc.**

Project: Lebel

Report Date: 10-Feb-12

Attn: Dan McCormack

We hereby certify the following Assay of 33 pulp samples submitted 01-Feb-12 by Dan McCormack

Sample Number	Au FA-AAS ppb	Au Chk FA-AAS ppb	Au FA-AAS g/Mt	Au Chk FA-AAS g/Mt	Au FA-GRAV ppb	Au FA-GRAV g/Mt	Au Chk FA-GRAV ppb	Au Chk FA-GRAV g/Mt
10280	1472		1.47					1.51
10239	2403		2.40					2.20
10213	1703		1.70					1.68
09775	1117		1.12					1.10
09762	1638		1.64					1.47
Blank Value	4		< 0.01					
OxH82	1275		1.27					
12169	11		0.01					
10077	2144		2.14					2.30
10123	2722		2.72					2.81
10129	1610		1.61					1.54
08762	452		0.45					

Certified by Jing Lin

Jing Lin, M Sc.

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Telephone (705) 642-3244 Fax (705) 642-3300

Swastika Laboratories Ltd

Established 1928

Assaying - Consulting - Representation

Assay Certificate

Certificate Number: 12-438

Company: **Queenston Mining Inc.**

Project: Lebel

Report Date: 15-Feb-12

Attn: Dan McCormack

We hereby certify the following Assay of 31 rejects samples submitted 01-Feb-12 by Dan McCormack

Sample Number		Au FA-AAS ppb	Au Chk FA-AAS ppb	Au FA-AAS g/Mt	Au Chk FA-AAS g/Mt	Au FA-GRAV ppb	Au FA-GRAV g/Mt	Au Chk FA-GRAV ppb	Au Chk FA-GRAV g/Mt
11956		1014		1.01					1.03
10598		840		0.84					
10579		4817		4.82					4.87
12383		1296		1.30					1.23
10553		1390		1.39					1.37
11914		129		0.13					
11911		75		0.07					
12436						3016	3.02		2.81
10423		1438		1.44					1.27
10372		1437		1.44					1.58
Blank Value		5		< 0.01					
OxH82		1274		1.27					
10356		1291		1.29					1.27
09775		980		0.98					0.99
10468		1085		1.08					1.03
12443		1106		1.11					1.06
10424		9397		9.40					9.87
12364						17712	17.71		17.46
09762		1490		1.49					1.48
10295	1	3397		3.40					3.15
10369		4660		4.66					4.73
10280		1214		1.21					
12328		715		0.71					
09788		487		0.49					
10593		728		0.73					

1. No Reject

Certified by Jing Lin

Jing Lin, M Sc.

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Assay Certificate

Certificate Number: 12-438

Company: **Queenston Mining Inc.**

Project: Lebel

Report Date: 15-Feb-12

Attn: Dan McCormack

We hereby certify the following Assay of 31 rejects samples submitted 01-Feb-12 by Dan McCormack

Sample Number		Au FA-AAS ppb	Au Chk FA-AAS ppb	Au FA-AAS g/Mt	Au Chk FA-AAS g/Mt	Au FA-GRAV ppb	Au FA-GRAV g/Mt	Au Chk FA-GRAV ppb	Au Chk FA-GRAV g/Mt
11956		1014		1.01					1.03
10598		840		0.84					
10579		4817		4.82					4.87
12383		1296		1.30					1.23
10553		1390		1.39					1.37
11914		129		0.13					
11911		75		0.07					
12436						3016	3.02		2.81
10423		1438		1.44					1.27
10372		1437		1.44					1.58
Blank Value		5		< 0.01					
OxH82		1274		1.27					
10356		1291		1.29					1.27
09775		980		0.98					0.99
10468		1085		1.08					1.03
12443		1106		1.11					1.06
10424		9397		9.40					9.87
12364						17712	17.71		17.46
09762		1490		1.49					1.48
10295	1	3397		3.40					3.15
10369		4660		4.66					4.73
10280		1214		1.21					
12328		715		0.71					
09788		487		0.49					
10593		728		0.73					

1. No Reject

Certified by Jing Lin

Jing Lin, M Sc.

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Established 1928

Swastika Laboratories Ltd

Assaying - Consulting - Representation

Assay Certificate

Certificate Number: 12-703

Company: **Queenston Mining Inc.**

Project: LEBEL

Report Date: 09-Mar-12

Attn: Dan McCormack

We hereby certify the following Assay of 49 pulp samples submitted 27-Feb-12 by Mike Sutton

Sample Number	Au FA-AAS ppb	Au Chk FA-AAS ppb	Au FA-AAS g/Mt	Au Chk FA-AAS g/Mt	Au Chk FA-GRAV ppb	Au Chk FA-GRAV g/Mt
13354	492		0.49			
10814	550		0.55			
10778	924		0.92			
10647	1105		1.11			1.17
11371	2086		2.09			2.09
11617	227		0.23			
11844	679		0.68			
11759	606		0.61			
11587	771		0.77			
11800	150	144	0.15	0.14		
Blank Value	< 2		< 0.01			
OxH82	1263		1.26			
12328	814		0.81			
8709	883		0.88			
9154	406		0.41			
8845	68		0.07			
8838	911		0.91			
8813	841		0.84			
11197	4301		4.30			4.21
12662	6989		6.99			6.72
13796	138		0.14			
13388	520	493	0.52	0.49		
12702	957		0.96			
11034	892		0.89			
11480	866		0.87			

Certified by Jing Lin

Jing Lin, M Sc.

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Established 1928

Swastika Laboratories Ltd

Assaying - Consulting - Representation

Assay Certificate

Certificate Number: 12-703

Company: **Queenston Mining Inc.**

Project: LEBEL

Report Date: 09-Mar-12

Attn: Dan McCormack

We hereby certify the following Assay of 49 pulp samples submitted 27-Feb-12 by Mike Sutton

Sample Number	Au FA-AAS ppb	Au Chk FA-AAS ppb	Au FA-AAS g/Mt	Au Chk FA-AAS g/Mt	Au Chk FA-GRAV ppb	Au Chk FA-GRAV g/Mt
13726	99		0.10			
11172	557		0.56			
11479	5357		5.36			5.35
11499	3301		3.30			3.19
11036	12487		12.49			12.09
Blank Value	3		< 0.01			
OxH82	1293		1.29			
13332	4401		4.40			4.42
11108	5052		5.05			5.07
11152	1943		1.94			1.99
12516	1340		1.34			1.30
12523	1742		1.74			1.68
12533	2223		2.22			2.30
13411	283		0.28			
12618	6066		6.07			6.03
12644	4589		4.59			4.49
11566	2489		2.49			2.40
11544	5552		5.55			5.52
11510	1077		1.08			1.03
10967	11202		11.20			11.60
11784	8030		8.03			7.99
10832	1308		1.31			1.27
10750	1391		1.39			1.41
10705	2174		2.17			2.06
10637	5021		5.02			4.87

Certified by Jing Lin

Jing Lin, M Sc.

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Established 1928

Swastika Laboratories Ltd

Assaying - Consulting - Representation

Assay Certificate

Certificate Number: 12-703

Company: **Queenston Mining Inc.**

Project: LEBEL

Report Date: 09-Mar-12

Attn: Dan McCormack

We hereby certify the following Assay of 49 pulp samples submitted 27-Feb-12 by Mike Sutton

Sample Number	Au FA-AAS ppb	Au Chk FA-AAS ppb	Au FA-AAS g/Mt	Au Chk FA-AAS g/Mt	Au Chk FA-GRAV ppb	Au Chk FA-GRAV g/Mt
10783	2484		2.48			2.50
10752	21798		21.80			21.36
Blank Value	8		< 0.01			
OxH82	1262		1.26			
10751	2231		2.23			2.23

Certified by Jing Lin

Jing Lin, M Sc.

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PolyMet Labs
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Email: info@polymetinc.com Website: www.polymetinc.com

Certificate of Analysis

Queenston Mining Inc.
(Lebel Project)

We certify that the assay results in the following Certificates are factual and true.

Certificate #'s 12027, 12028, 12029, 12030, 12031, 12032, & 12033

Certified by: _____
Assayer

Certified by: _____
President/Manager

Date: December 2, 2011

Disclaimer: The results included on this report relate only to the items tested. The Certificate of Analysis should not be reproduced except in full, without the written approval of the laboratory.

PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **12027**

Job No. 0-155

Date:
Dec. 2, 2011

Splits

Sample #	**Au Oz/ton**	**g/tonne**
09608	<.001	<.03
09609	<.001	<.03
09610	<.001	<.03
09611	<.001	<.03
09612	0.054	1.851
09613	<.001	<.03
09614	<.001	<.03
09615	Pend	
09616	0.012	0.411
09617	0.004	0.137
09618	<.001	<.03
09619	<.001	<.03
09620	<.001	<.03
09621	<.001	<.03
09622	<.001	<.03
09623	<.001	<.03
09624	<.001	<.03
09625	<.001	<.03
09626	<.001	<.03
09627	<.001	<.03
09628	0.010	0.343
09629	0.016	0.549
09630	0.028	0.960
09631	<.001	<.03
09632	<.001	<.03
09633	<.001	<.03
09634	<.001	<.03
09635	<.001	<.03
09636	0.162	5.554

28 **Splits**
1 **Pend**

Std OxL 93	0.174	5.966
Blank	<.001	<.03

Certified Assayer: Carla Johnston

PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **12028**

Job No. 0-155

Date:
Dec. 2, 2011

Splits

Sample #	**Au Oz/ton**	**g/tonne**
09637	0.002	0.069
09638	<.001	<.03
09639	<.001	<.03
09640	<.001	<.03
09641	<.001	<.03
09642	<.001	<.03
09643	<.001	<.03
09644	<.001	<.03
09645	<.001	<.03
09646	<.001	<.03
09647	<.001	<.03
09648	<.001	<.03
09649	<.001	<.03
09650	<.001	<.03
09651	<.001	<.03
09652	0.002	0.069
09653	0.008	0.274
09654	0.010	0.343
09655	<.001	<.03
09656	0.002	0.069
09657	<.001	<.03

21 **Splits**

Std OxL 93	0.174	5.966
Blank	<.001	<.03

Certified Assayer: Paula Johnson

PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **12029**

Job No. 0-155

Date:
Dec. 2, 2011

Splits

Sample #	**Au Oz/ton**	**g/tonne**
09658	<.001	<.03
09659	0.008	0.274
09660	<.001	<.03
09661	<.001	<.03
2535	0.006	0.206
12460	0.012	0.411
12461	<.001	<.03
12462	0.002	0.069
12463	<.001	<.03
12464	<.001	<.03
12465	<.001	<.03
12466	<.001	<.03
12467	<.001	<.03
09662	<.001	<.03
09663	0.052	1.783
09664	<.001	<.03
09665	0.022	0.754
09666	0.014	0.480
09667	0.016	0.549
09668	<.001	<.03
09669	Pend	
09670	<.001	<.03

21 **Splits**
1 **Pend**

Std OxL 93	0.174	5.966
Blank	<.001	<.03

Certified Assayer: Earle Johnson

PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **12030**

Job No. 0-155

Date:
Dec. 2, 2011

Splits

Sample #	**Au Oz/ton**	**g/tonne**
09671	<.001	<.03
09672	0.010	0.343
09673	<.001	<.03
09674	<.001	<.03
09675	0.004	0.137
12453	<.001	<.03
12454	<.001	<.03
12455	<.001	<.03
12456	<.001	<.03
12457	<.001	<.03
12458	Pend	
12459	0.022	0.754
09676	<.001	<.03
09677	<.001	<.03
09678	0.006	0.206
09679	0.008	0.274
09680	0.008	0.274
09681	<.001	<.03
09682	0.002	0.069
09683	0.006	0.206
09684	0.004	0.137

20 **Splits**
1 **Pend**

Std OxL 93	0.172	5.897
Blank	<.001	<.03

Certified Assayer: Carla Johnson

PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **12031**

Job No. 0-155

Date:
Dec. 2, 2011

Splits

Sample #	**Au Oz/ton**	**g/tonne**
09685	0.002	0.069
09686	0.004	0.137
09687	0.164	5.623
09688	0.006	0.206
09689	<.001	<.03
09690	0.024	0.823
09691	Pend	
09692	0.028	0.960
09693	0.008	0.274
09694	<.001	<.03
09695	0.006	0.206
09696	<.001	<.03
09697	0.002	0.069
09698	0.004	0.137
09699	0.002	0.069
09700	<.001	<.03
09701	<.001	<.03
09702	0.004	0.137
09703	<.001	<.03
09704	0.012	0.411
09705	0.006	0.206
09706	<.001	<.03

21 **Splits**
1 **Pend**

Std OxL 93	0.172	5.897
Blank	<.001	<.03

Certified Assayer: Carla Johnson

PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **12032**

Job No. 0-155

Date:
Dec. 2, 2011

Splits

Sample #	**Au Oz/ton**	**g/tonne**
09707	<.001	<.03
09708	<.001	<.03
09709	<.001	<.03
09710	<.001	<.03
09711	0.014	0.480
09712	0.050	1.714
09713	<.001	<.03
09714	<.001	<.03
09715	<.001	<.03
09716	0.002	0.069
09717	0.004	0.137
09718	<.001	<.03
09719	<.001	<.03
09720	<.001	<.03
09721	Pend	
09722	Pend	
09723	<.001	<.03
09724	0.028	0.960
09725	0.002	0.069
09726	0.016	0.549
09727	0.002	0.069
09728	0.006	0.206

20 **Splits**
2 **Pend**

Std OxL 93	0.172	5.897
Blank	<.001	<.03

Certified Assayer: Carla Johnson

PolyMet Laboratories

CERTIFICATE **12033**

Client: Queenston (Lebel Project)
Job No. 0-155

Date:
Dec. 2, 2011

Sample #	Original Au Oz/ton	Original Au g/tonne	Check Au Oz/ton	Check Au g/tonne
09615	0.062	2.126	0.064	2.194
09669	0.036	1.234	0.034	1.166
12458	0.052	1.783	0.072	2.469
09691	0.084	2.880	0.066	2.263
09721	0.050	1.714	0.042	1.440
09722	0.040	1.371	0.036	1.234

6 + 12

Certified Assayer: Paula Johnson

PolyMet Labs
A Division of Polymet Resources Ltd.

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Email: info@polymetinc.com Website: www.polymetinc.com

Certificate of Analysis

Queenston Mining Inc.
(Lebel Project)

We certify that the assay results in the following Certificates are factual and true.

Certificate #'s 12060, 12061, 12062, 12063, 12064, 12065, 12066, 12067, & 12068

Certified by: _____
Assayer

Certified by: _____
President/Manager

Date: December 6, 2011

Disclaimer: The results included on this report relate only to the items tested. The Certificate of Analysis should not be reproduced except in full, without the written approval of the laboratory.

PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **12060**

Job No. 0-155

Date:
Dec. 6, 2011

Splits

Sample #	**Au Oz/ton**	**g/tonne**
09729	<.001	<.03
09730	<.001	<.03
09731	0.006	0.206
09732	<.001	<.03
09733	0.008	0.274
09734	0.002	0.069
09735	<.001	<.03
09736	0.168	5.760
09737	<.001	<.03
09738	0.004	0.137
09739	<.001	<.03
09740	0.002	0.069
09741	0.008	0.274
09742	<.001	<.03
09743	0.004	0.137
09744	0.008	0.274
09745	0.002	0.069
09746	0.014	0.480
09747	0.002	0.069
09748	0.002	0.069
09749	<.001	<.03
09750	<.001	<.03

22 **Splits**

Std OxL 93	0.172	5.897
Blank	<.001	<.03

Certified Assayer: Tarla Johnson

PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **12061**

Job No. 0-155

Date:
Dec. 6, 2011

Splits

Sample #	**Au Oz/ton**	**g/tonne**
09751	0.004	0.137
09752	0.002	0.069
09753	<.001	<.03
09754	<.001	<.03
09755	<.001	<.03
09756	<.001	<.03
09757	<.001	<.03
09758	0.008	0.274
09759	Pend	
09760	Pend	
09761	Pend	
09762	Pend	
09763	Pend	
09764	<.001	<.03
09765	0.026	0.891
09766	<.001	<.03
09767	<.001	<.03
09768	<.001	<.03
09769	0.052	1.783
09770	0.010	0.343
09771	0.020	0.686
09772	<.001	<.03

17 **Splits**
5 **Pend**

Std OxL 93	0.170	5.829
Blank	<.001	<.03

Certified Assayer: Carla Johnson

PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **12062**

Job No. 0-155

Date:
Dec. 6, 2011

Splits

Sample #	**Au Oz/ton**	**g/tonne**
09773	<.001	<.03
09774	0.006	0.206
09775	Pend	
09776	<.001	<.03
09777	<.001	<.03
09778	<.001	<.03
09779	<.001	<.03
09780	<.001	<.03
09781	0.002	0.069
09782	<.001	<.03
09783	0.168	5.760
09784	0.002	0.069
09785	0.006	0.206
09786	<.001	<.03
09787	Pend	
09788	0.014	0.480
09789	Pend	
09790	0.012	0.411
09791	0.008	0.274
09792	0.052	1.783
09793	0.004	0.137

18 **Splits**
3 **Pend**

Std OxL 93	0.170	5.829
Blank	<.001	<.03

Certified Assayer: Carla Johnson

PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **12063**

Job No. 0-155

Date:
Dec. 6, 2011

Splits

Sample #	**Au Oz/ton**	**g/tonne**
09794	0.010	0.343
09795	<.001	<.03
09796	<.001	<.03
09797	<.001	<.03
09798	<.001	<.03
09799	0.012	0.411
09800	<.001	<.03
10001	Pend	
10002	<.001	<.03
10003	<.001	<.03
10004	<.001	<.03
10005	0.010	0.343
10006	<.001	<.03
10007	<.001	<.03
10008	0.008	0.274
10009	<.001	<.03
10010	Pend	
10011	<.001	<.03
10012	<.001	<.03
10013	<.001	<.03
10014	0.022	0.754
10015	0.010	0.343

20 **Splits**
2 **Pend**

Std OxL 93	0.170	5.829
Blank	<.001	<.03

Certified Assayer: Carla Johnson

PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **12064**

Job No. 0-155

Date:
Dec. 6, 2011

Splits

Sample #	**Au Oz/ton**	**g/tonne**
10016	0.028	0.960
10017	0.164	5.623
10018	0.008	0.274
10019	0.002	0.069
10020	0.004	0.137
10021	Pend	
10022	<.001	<.03
10023	<.001	<.03
10024	<.001	<.03
10025	<.001	<.03
10026	<.001	<.03
10027	<.001	<.03
10028	Pend	
10029	<.001	<.03
10030	0.004	0.137
10031	0.002	0.069
10032	<.001	<.03
10033	<.001	<.03
10034	<.001	<.03
10035	0.012	0.411
10036	0.002	0.069
10037	<.001	<.03

20 **Splits**
2 **Pend**

Std OxL 93	0.170	5.829
Blank	<.001	<.03

Certified Assayer: Carla Johnson

PolyMet Laboratories

Client: Queenston (Lebel Project)
Job No. 0-155

CERTIFICATE **12065**

Date:
Dec. 6, 2011

Splits

Sample #	**Au Oz/ton**	**g/tonne**
10038	<.001	<.03
10039	<.001	<.03
10040	<.001	<.03
10041	<.001	<.03
10042	0.002	0.069
10043	<.001	<.03
10044	0.050	1.714
10045	<.001	<.03
10046	<.001	<.03
10047	<.001	<.03
10048	<.001	<.03
10049	<.001	<.03
10050	<.001	<.03
10051	<.001	<.03
10052	Pend	
10053	<.001	<.03
10054	<.001	<.03
10055	<.001	<.03
10056	<.001	<.03
12160	<.001	<.03
12161	<.001	<.03

Std OxL 93	0.174	5.966
Blank	<.001	<.03

20 **Splits**
1 **Pend**

Certified Assayer: Carla Johnson

PolyMet Laboratories

Client: Queenston (Lebel Project)
Job No. 0-155

CERTIFICATE **12066**

Date:
Dec. 6, 2011

Splits

Sample #	**Au Oz/ton**	**g/tonne**
12162	<.001	<.03
12163	<.001	<.03
12164	<.001	<.03
12165	<.001	<.03
12166	<.001	<.03
12167	<.001	<.03
12168	<.001	<.03
12169	<.001	<.03
12170	<.001	<.03
12171	<.001	<.03
12172	<.001	<.03
12173	<.001	<.03
12174	<.001	<.03
12175	<.001	<.03
12176	<.001	<.03
12177	0.052	1.783
12178	<.001	<.03
12179	<.001	<.03
12180	<.001	<.03
12181	<.001	<.03
12182	<.001	<.03
12183	<.001	<.03

22 **Splits**

Std OxL 93	0.174	5.966
Blank	<.001	<.03

Certified Assayer: Carla Johnson

PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **12067**

Job No. 0-155

Date:
Dec. 6, 2011

Splits

Sample #	**Au Oz/ton**	**g/tonne**
12184	<.001	<.03
12185	<.001	<.03
12186	<.001	<.03
12187	<.001	<.03
12188	<.001	<.03
12189	<.001	<.03
12190	<.001	<.03
12191	<.001	<.03
12192	<.001	<.03
12193	<.001	<.03
12194	<.001	<.03
12195	<.001	<.03
12196	<.001	<.03
12197	<.001	<.03
12198	<.001	<.03
12199	<.001	<.03
12200	<.001	<.03
12201	<.001	<.03
12202	<.001	<.03
12203	0.168	5.760
12204	<.001	<.03
12205	<.001	<.03
12206	<.001	<.03
12207	<.001	<.03

24 **Splits**

Std OxL 93	0.170	5.829
Blank	<.001	<.03

Certified Assayer: Carla Johnson

PolyMet Laboratories

CERTIFICATE **12068**

Client: Queenston (Lebel Project)
Job No. 0-155

Date:
Dec. 6, 2011

Sample #	Original Au Oz/ton	Original Au g/tonne	Check Au Oz/ton	Check Au g/tonne
09759	0.134	4.594	0.146	5.006
09760	0.092	3.154	0.094	3.223
09761	0.066	2.263	0.064	2.194
09762	0.044	1.509	0.060	2.057
09763	0.092	3.154	0.080	2.743
09775	0.034	1.166	0.032	1.097
09787	0.056	1.920	0.040	1.371
09789	0.044	1.509	0.046	1.577
10001	0.042	1.440	0.034	1.166
10010	0.052	1.783	0.046	1.577
10021	0.164	5.623	0.160	5.486
10028	0.304	10.423	0.212	7.269
10052	0.038	1.303	0.036	1.234

13 + 26

Certified Assayer:

PolyMet Labs
A Division of Polymet Resources Ltd.

1 Presley St, P.O. Box 699, Cobalt, Ontario, Canada P0J 1C0
Tel: (705) 679-5500 • Fax: (705) 679-5519
Email: info@polymetinc.com Website: www.polymetinc.com

Certificate of Analysis

Queenston Mining Inc.
(Lebel Project)

We certify that the assay results in the following Certificates are factual and true.

Certificate #'s 12093, 12094, 12095, 12096, 12097, & 12098

Certified by: Karla Johnson
Assayer

Certified by:
President/Manager

Date: December 8, 2011

Disclaimer: The results included on this report relate only to the items tested. The Certificate of Analysis should not be reproduced except in full, without the written approval of the laboratory.

PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **12093**

Job No. 0-155

Date:
Dec. 8, 2011

Splits

Sample #	**Au Oz/ton**	**g/tonne**
10057	<.001	<.03
10058	<.001	<.03
10059	0.012	0.411
10060	<.001	<.03
10061	0.002	0.069
10062	<.001	<.03
10063	<.001	<.03
10064	<.001	<.03
10065	<.001	<.03
10066	<.001	<.03
10067	<.001	<.03
10068	0.004	0.137
10069	0.164	5.623
10070	<.001	<.03
10071	0.008	0.274
10072	<.001	<.03
10073	<.001	<.03
10074	0.008	0.274
10075	0.004	0.137
10076	0.010	0.343
10077	Pend	
10078	<.001	<.03
10079	0.004	0.137
10080	0.002	0.069
10081	<.001	<.03

24 **Splits**
1 **Pend**

Std OxL 93	0.172	5.897
Blank	<.001	<.03

Certified Assayer: Carla Johnson

PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **12094**

Job No. 0-155

Date:
Dec. 8, 2011

Splits

Sample #	**Au Oz/ton**	**g/tonne**
10082	<.001	<.03
10083	<.001	<.03
10084	<.001	<.03
10085	<.001	<.03
10086	<.001	<.03
10087	0.002	0.069
10088	0.002	0.069
10089	Pend	
10090	<.001	<.03
10091	Pend	
10092	<.001	<.03
10093	0.002	0.069
10094	0.052	1.783
10095	<.001	<.03
10096	<.001	<.03
10097	<.001	<.03
10098	0.002	0.069
10099	<.001	<.03
10100	<.001	<.03
10101	<.001	<.03
10102	<.001	<.03

19 **Splits**
2 **Pend**

Std OxL 93	0.176	6.034
Blank	<.001	<.03

Certified Assayer: Carla Johnson

PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **12095**

Job No. 0-155

Date:
Dec. 8, 2011

Splits

Sample #	**Au Oz/ton**	**g/tonne**
10103	<.001	<.03
10104	<.001	<.03
10105	<.001	<.03
10106	<.001	<.03
10107	<.001	<.03
10108	<.001	<.03
10109	<.001	<.03
10110	<.001	<.03
10111	<.001	<.03
10112	<.001	<.03
10113	<.001	<.03
10114	<.001	<.03
10115	<.001	<.03
10116	<.001	<.03
10117	<.001	<.03
10118	0.172	5.897
10119	<.001	<.03
10120	<.001	<.03
10121	<.001	<.03
10122	<.001	<.03
10123	Pend	
10124	0.004	0.137

21 **Splits**
1 **Pend**

Std OxL 93	0.176	6.034
Blank	<.001	<.03

Certified Assayer: Carla Johnson

PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **12096**

Job No. 0-155

Date:
Dec. 8, 2011

Splits

Sample #	Au Oz/ton	Au g/tonne
10125	0.002	0.069
10126	0.010	0.343
10127	0.004	0.137
12452	<.001	<.03
10128	0.002	0.069
10129	Pend	
10130	0.014	0.480
10131	0.008	0.274
10132	<.001	<.03
10133	<.001	<.03
10134	<.001	<.03
10135	0.026	0.891
10136	<.001	<.03
10137	0.006	0.206
10138	0.018	0.617
10139	<.001	<.03
10140	<.001	<.03
10141	0.054	1.851
10142	<.001	<.03
10143	<.001	<.03
10144	<.001	<.03
10145	<.001	<.03

21 **Splits**
1 **Pend**

Std OxL 93	0.174	5.966
Blank	<.001	<.03

Certified Assayer: Carla Johnson

PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **12097**

Job No. 0-155

Date:
Dec. 8, 2011

Splits

Sample #	**Au Oz/ton**	**Au g/tonne**
10146	<.001	<.03
10147	<.001	<.03
10148	Pend	
10149	0.004	0.137
10150	<.001	<.03
10151	<.001	<.03
10152	<.001	<.03
10153	<.001	<.03
12208	<.001	<.03
12209	<.001	<.03
12210	<.001	<.03
12211	<.001	<.03
12212	<.001	<.03
12213	<.001	<.03
12214	<.001	<.03
12215	<.001	<.03
12216	<.001	<.03
12217	<.001	<.03
12218	<.001	<.03
12219	<.001	<.03
12220	<.001	<.03
12221	<.001	<.03
12222	<.001	<.03
12223	<.001	<.03
12224	<.001	<.03
12225	<.001	<.03

25 **Splits**
1 **Pend**

Std OxL 93	0.174	5.966
Blank	<.001	<.03

Certified Assayer: Eula Johnson

PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **12098**

Job No. 0-155

Date:
Dec. 8, 2011

	Original		Check	
Sample #	**Au Oz/ton**	**Au g/tonne**	**Au Oz/ton**	**Au g/tonne**
10077	0.064	2.194	0.064	2.194
10089	0.064	2.194	0.064	2.194
10091	0.048	1.646	0.060	2.057
10123	0.082	2.811	0.084	2.880
10129	0.056	1.920	0.048	1.646
10148	0.038	1.303	0.040	1.371

6 + 12

Certified Assayer:

PolyMet Labs
A Division of Polymet Resources Ltd.

1 Presley St, P.O. Box 699, Cobalt, Ontario, Canada P0J 1C0
Tel: (705) 679-5500 • Fax: (705) 679-5519
Email: info@polymetinc.com Website: www.polymetinc.com

Certificate of Analysis

Queenston Mining Inc.
(Lebel Project)

We certify that the assay results in the following Certificates are factual and true.

Certificate #'s 12250, 12251, 12252, 12253, 12254, 12255, 12256, 12257, 12258, 12259, 12260, 12261, 12262, 12263, 12264, 12265, 12266, 12267, 12268, & 12269

Certified by: _____
Chief Assayer

Certified by: _____
President/Manager

Date: December 22, 2011

Disclaimer: The results included on this report relate only to the items tested. The Certificate of Analysis should not be reproduced except in full, without the written approval of the laboratory.

PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **12250**

Job No. 0-155

Date:
Dec. 21, 2011

Splits

Sample #	**Au Oz/ton**	**Au g/tonne**
10365	<.001	<.03
10366	0.006	0.206
10367	0.004	0.137
10368	0.012	0.411
10369	Pend	
10370	Pend	
10371	<.001	<.03
10372	Pend	
10373	0.010	0.343
10374	<.001	<.03
10375	<.001	<.03
10376	<.001	<.03
10377	0.008	0.274
10378	<.001	<.03
10379	0.026	0.891
10380	0.008	0.274
10381	0.022	0.754
10382	0.024	0.823
10383	<.001	<.03
10384	0.010	0.343

17 **Splits**
3 **Pend**

Std OxL 93	0.174	5.966
Blank	<.001	<.03

Certified Assayer: Karla Johnson

PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **12251**

Job No. 0-155

Date:
Dec. 21, 2011

Splits

Sample #	**Au Oz/ton**	**Au g/tonne**
10385	0.008	0.274
10386	0.054	1.851
10387	<.001	<.03
10388	<.001	<.03
10389	<.001	<.03
10390	0.014	0.480
10391	0.016	0.549
10392	0.024	0.823
10393	<.001	<.03
10394	0.016	0.549
10395	<.001	<.03
10396	0.026	0.891
10397	0.020	0.686
10398	0.028	0.960
10399	0.020	0.686
10400	<.001	<.03
10401	<.001	<.03
10402	<.001	<.03
10403	<.001	<.03
10404	<.001	<.03
10405	0.018	0.617

21 **Splits**

Std OxL 93	0.174	5.966
Blank	<.001	<.03

Certified Assayer: Carla Johnson

PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **12252**

Job No. 0-155

Date:
Dec. 21, 2011

Splits

Sample #	**Au Oz/ton**	**Au g/tonne**
10406	0.022	0.754
10407	<.001	<.03
10408	Pend	
10409	<.001	<.03
10410	<.001	<.03
10411	0.166	5.691
10412	<.001	<.03
10413	<.001	<.03
10414	<.001	<.03
10415	<.001	<.03
10416	<.001	<.03
10417	<.001	<.03
10418	<.001	<.03
10419	<.001	<.03
10420	<.001	<.03
10421	<.001	<.03
10422	Pend	
10423	Pend	
10424	Pend	
10425	<.001	<.03
10426	Pend	
10427	0.018	0.617

17 **Splits**
5 **Pend**

Std OxL 93	0.170	5.829
Blank	<.001	<.03

Certified Assayer: Carla Johnson

PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **12253**

Job No. 0-155

Date:
Dec. 21, 2011

Splits

Sample #	**Au Oz/ton**	**Au g/tonne**
10428	<.001	<.03
10429	<.001	<.03
10430	Pend	
10431	Pend	
10432	0.012	0.411
10433	0.028	0.960
10434	0.016	0.549
10435	<.001	<.03
10436	0.054	1.851
10437	0.028	0.960
10438	<.001	<.03
10439	<.001	<.03
10440	<.001	<.03
10441	<.001	<.03
10442	0.004	0.137
10443	<.001	<.03
10444	Pend	
10445	<.001	<.03
10446	<.001	<.03
10447	<.001	<.03
10448	<.001	<.03
10449	<.001	<.03

19 **Splits**
3 **Pend**

Std OxL 93	0.170	5.829
Blank	<.001	<.03

Certified Assayer: Carla Johnson

PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **12254**

Job No. 0-155

Date:
Dec. 21, 2011

Splits

Sample #	**Au Oz/ton**	**Au g/tonne**
10450	<.001	<.03
10451	<.001	<.03
10452	<.001	<.03
10453	<.001	<.03
10454	<.001	<.03
10455	<.001	<.03
10456	<.001	<.03
10457	<.001	<.03
10458	<.001	<.03
10459	<.001	<.03
10460	<.001	<.03
10461	0.160	5.486
10462	<.001	<.03
10463	0.004	0.137
10464	0.004	0.137
10465	<.001	<.03
10466	<.001	<.03
10467	<.001	<.03
10468	0.028	0.960
10469	<.001	<.03
10470	<.001	<.03
10471	<.001	<.03

22 **Splits**

Std OxL 93	0.170	5.829
Blank	<.001	<.03

Certified Assayer: Karla Johnson

PolyMet Laboratories

Client: Queenston (Lebel Project)
Job No. 0-155

CERTIFICATE **12255**

Date:
Dec. 21, 2011

Splits

Sample #	Au Oz/ton	Au g/tonne
10472	0.006	0.206
10473	<.001	<.03
10474	<.001	<.03
10475	0.008	0.274
10476	0.016	0.549
10477	0.006	0.206
10478	<.001	<.03
10479	<.001	<.03
12469	0.026	0.891
12470	0.022	0.754
12471	0.016	0.549
12472	0.012	0.411
12473	0.004	0.137
12474	0.024	0.823
12475	0.026	0.891
12476	<.001	<.03
2536	Pend	
2537	Pend	
2538	0.028	0.960
2539	Pend	
2540	0.008	0.274
2541	Pend	

18 **Splits**
4 **Pend**

Std OxL 93	0.170	5.829
Blank	<.001	<.03

Certified Assayer: Carla Johnson

PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **12256**

Job No. 0-155

Date:
Dec. 22, 2011

Splits

Sample #	**Au Oz/ton**	**Au g/tonne**
2542	0.028	0.960
2543	Pend	
2544	0.026	0.891
10480	Pend	
10481	<.001	<.03
10482	0.010	0.343
10483	<.001	<.03
10484	<.001	<.03
10485	<.001	<.03
10486	0.048	1.646
10487	<.001	<.03
10488	<.001	<.03
10489	<.001	<.03
10490	<.001	<.03
10491	<.001	<.03
10492	<.001	<.03
10493	<.001	<.03
10494	0.004	0.137
10495	Pend	
10496	<.001	<.03
10497	0.016	0.549
10498	0.002	0.069

19 **Splits**
3 **Pend**

Std OxL 93	0.170	5.829
Blank	<.001	<.03

Certified Assayer:

PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **12257**

Job No. 0-155

Date:
Dec. 22, 2011

Splits

Sample #	**Au Oz/ton**	**Au g/tonne**
10499	0.008	0.274
10500	0.008	0.274
10501	0.006	0.206
10502	0.016	0.549
10503	0.002	0.069
10504	<.001	<.03
10505	<.001	<.03
10506	<.001	<.03
10507	<.001	<.03
10508	<.001	<.03
10509	<.001	<.03
10510	<.001	<.03
10511	0.164	5.623
10512	<.001	<.03
10513	<.001	<.03
10514	<.001	<.03
10515	<.001	<.03
10516	<.001	<.03
10517	<.001	<.03
10518	<.001	<.03
10519	<.001	<.03
10520	<.001	<.03

22 **Splits**

Std OxL 93	0.170	5.829
Blank	<.001	<.03

Certified Assayer:

PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **12258**

Job No. 0-155

Date:
Dec. 22, 2011

Splits

Sample #	**Au Oz/ton**	**Au g/tonne**
10521	<.001	<.03
10522	<.001	<.03
10523	0.002	0.069
10524	<.001	<.03
10525	<.001	<.03
10526	<.001	<.03
10527	<.001	<.03
10528	<.001	<.03
10529	<.001	<.03
10530	<.001	<.03
10531	<.001	<.03
10532	<.001	<.03
10533	<.001	<.03
10534	0.002	0.069
10535	<.001	<.03
10536	<.001	<.03
10537	0.046	1.577
10538	<.001	<.03
10539	<.001	<.03
10540	<.001	<.03
10541	<.001	<.03
10542	<.001	<.03

22 **Splits**

Std OxL 93	0.170	5.829
Blank	<.001	<.03

Certified Assayer: Carla Johnson

PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **12259**

Job No. 0-155

Date:
Dec. 22, 2011

Splits

Sample #	**Au Oz/ton**	**Au g/tonne**
10543	<.001	<.03
10544	0.002	0.069
10545	<.001	<.03
10546	0.008	0.274
10547	0.002	0.069
10548	0.012	0.411
10549	<.001	<.03
10550	<.001	<.03
10551	<.001	<.03
10552	0.002	0.069
10553	Pend	
10554	<.001	<.03
10555	0.004	0.137
10556	<.001	<.03
10557	<.001	<.03
10558	<.001	<.03
10559	0.002	0.069
10560	Pend	
10561	<.001	<.03
10562	<.001	<.03
10563	<.001	<.03
10564	<.001	<.03

20 **Splits**
2 **Pend**

Std OxL 93	0.170	5.829
Blank	<.001	<.03

Certified Assayer: Carla Johnson

PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **12260**

Job No. 0-155

Date:
Dec. 22, 2011

Splits

Sample #	**Au Oz/ton**	**Au g/tonne**
10565	<.001	<.03
10566	0.004	0.137
10567	<.001	<.03
10568	<.001	<.03
10569	0.052	1.783
10570	0.002	0.069
10571	0.008	0.274
10572	0.002	0.069
10573	<.001	<.03
10574	<.001	<.03
10575	<.001	<.03
10576	<.001	<.03
10577	<.001	<.03
10578	<.001	<.03
10579	Pend	
10580	0.018	0.617
10581	0.002	0.069
10582	0.006	0.206
10583	<.001	<.03
10584	<.001	<.03
10585	<.001	<.03
10586	0.014	0.480

21 **Splits**
1 **Pend**

Std OxL 93	0.174	5.966
Blank	<.001	<.03

Certified Assayer: Carla Johnson

PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **12261**

Job No. 0-155

Date:
Dec. 22, 2011

Splits

Sample #	**Au Oz/ton**	**Au g/tonne**
10587	0.002	0.069
10588	0.052	1.783
10589	<.001	<.03
10590	<.001	<.03
10591	0.010	0.343
10592	0.014	0.480
10593	0.024	0.823
10594	0.014	0.480
10595	Pend	
10596	Pend	
10597	<.001	<.03
10598	Pend	
10599	Pend	
10600	0.004	0.137
10601	0.002	0.069
10602	<.001	<.03
10603	0.002	0.069
10604	0.002	0.069
12369	0.006	0.206
12370	0.020	0.686
12371	<.001	<.03
12372	0.006	0.206

18 **Splits**
4 **Pend**

Std OxL 93	0.174	5.966
Blank	<.001	<.03

Certified Assayer: Carla Johnson

PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **12262**

Job No. 0-155

Date:
Dec. 22, 2011

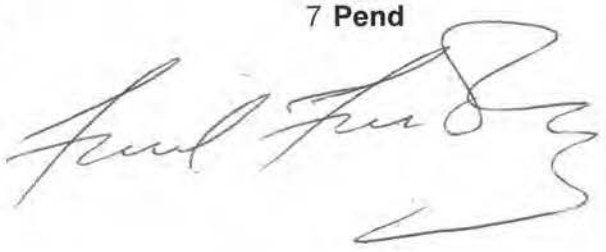
Splits

Sample #	**Au Oz/ton**	**Au g/tonne**
12373	0.024	0.823
12374	0.018	0.617
12375	0.008	0.274
12376	0.024	0.823
12377	0.020	0.686
12378	0.024	0.823
12379	0.024	0.823
12380	Pend	
12381	0.010	0.343
12382	Pend	
12383	Pend	
12384	<.001	<.03
12385	Pend	
12386	0.024	0.823
12387	Pend	
12388	0.024	0.823
12389	Pend	
12390	Pend	
12391	0.166	5.691
12392	0.028	0.960
12393	<.001	<.03
12394	0.004	0.137

15 **Splits**
7 **Pend**

Std OxL 93	0.170	5.829
Blank	<.001	<.03

Certified Assayer:



PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **12263**

Job No. 0-155

Date:
Dec. 22, 2011

Splits

Sample #	**Au Oz/ton**	**Au g/tonne**
12395	0.028	0.960
12396	<.001	<.03
12397	<.001	<.03
12398	0.008	0.274
12399	0.004	0.137
12400	0.006	0.206
12401	<.001	<.03
12402	<.001	<.03
12403	<.001	<.03
12404	<.001	<.03
12405	<.001	<.03
12406	<.001	<.03
12407	0.004	0.137
12408	Pend	
12409	<.001	<.03
12410	<.001	<.03
12411	0.054	1.851
12412	0.006	0.206
12413	<.001	<.03
12414	0.008	0.274
12415	<.001	<.03
12416	0.018	0.617

21 **Splits**
1 **Pend**

Std OxL 93	0.170	5.829
Blank	<.001	<.03

Certified Assayer: Karla Johnson

PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **12264**

Job No. 0-155

Date:
Dec. 22, 2011

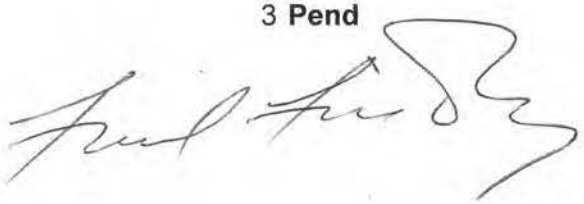
Splits

Sample #	**Au Oz/ton**	**Au g/tonne**
12417	<.001	<.03
12418	<.001	<.03
12419	0.014	0.480
12420	0.004	0.137
12421	<.001	<.03
12422	<.001	<.03
12423	<.001	<.03
12424	<.001	<.03
3316	Pend	
12425	<.001	<.03
12426	<.001	<.03
12427	<.001	<.03
12428	<.001	<.03
12429	<.001	<.03
12430	<.001	<.03
12431	0.014	0.480
12432	0.014	0.480
12433	Pend	
12434	0.006	0.206
12435	<.001	<.03
12436	Pend	
12437	<.001	<.03

19 **Splits**
3 **Pend**

Std OxL 93	0.172	5.897
Blank	<.001	<.03

Certified Assayer:



PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **12265**

Job No. 0-155

Date:
Dec. 22, 2011

Splits

Sample #	**Au Oz/ton**	**Au g/tonne**
12438	0.010	0.343
12439	Pend	
12440	Pend	
12441	0.018	0.617
12442	Pend	
12443	Pend	
12444	0.010	0.343
12445	0.002	0.069
12446	0.020	0.686
12447	Pend	
12448	0.002	0.069
12449	0.172	5.897
12450	0.012	0.411
11901	0.018	0.617
11902	0.020	0.686
11903	<.001	<.03
11904	0.018	0.617
11905	0.010	0.343
11906	0.002	0.069
11907	<.001	<.03
11908	<.001	<.03
11909	<.001	<.03

17 **Splits**
5 **Pend**

Std OxL 93	0.172	5.897
Blank	<.001	<.03

Certified Assayer: Earla Johnson

PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **12266**

Job No. 0-155

Date:
Dec. 22, 2011

Splits

Sample #	**Au Oz/ton**	**Au g/tonne**
11910	<.001	<.03
11911	<.001	<.03
11912	Pend	
11913	Pend	
11914	<.001	<.03
11915	<.001	<.03
11916	<.001	<.03
11917	<.001	<.03
11918	<.001	<.03
11919	0.050	1.714
11920	<.001	<.03
11921	<.001	<.03
11922	<.001	<.03
11923	<.001	<.03
11924	<.001	<.03
11925	<.001	<.03
11926	<.001	<.03
11927	<.001	<.03
11928	<.001	<.03
11929	<.001	<.03
11930	<.001	<.03
11931	<.001	<.03

20 **Splits**
2 **Pend**

Std OxL 93	0.170	5.829
Blank	<.001	<.03

Certified Assayer:



PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **12267**

Job No. 0-155

Date:
Dec. 22, 2011

Splits

Sample #	**Au Oz/ton**	**Au g/tonne**
11932	<.001	<.03
11933	<.001	<.03
11934	<.001	<.03
11935	<.001	<.03
11936	<.001	<.03
11937	<.001	<.03
11938	<.001	<.03
11939	<.001	<.03
11940	<.001	<.03
11941	<.001	<.03
11942	<.001	<.03
11943	<.001	<.03
11944	0.002	0.069
11945	0.168	5.760
11946	<.001	<.03
11947	<.001	<.03
11948	<.001	<.03
11949	<.001	<.03
11950	<.001	<.03
11951	<.001	<.03
11952	<.001	<.03
11953	<.001	<.03
11954	<.001	<.03
11955	<.001	<.03
11956	Pend	
11957	<.001	<.03

25 **Splits**
1 **Pend**

Std OxL 93	0.176	6.034
Blank	<.001	<.03

Certified Assayer:



PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **12268**

Job No. 0-155

Date:
Dec. 22, 2011

	Original		Check	
Sample #	**Au Oz/ton**	**Au g/tonne**	**Au Oz/ton**	**Au g/tonne**
10369	0.156	5.349	0.156	5.349
10370	0.290	9.943	0.200	6.857
10372	0.052	1.783	0.046	1.577
10408	0.032	1.097	0.032	1.097
10422	0.066	2.263	0.066	2.263
10423	0.036	1.234	0.038	1.303
10424	0.244	8.366	0.254	8.709
10426	0.270	9.257	0.166	5.691
10430	0.074	2.537	0.088	3.017
10431	0.050	1.714	0.060	2.057
10444	0.132	4.526	0.122	4.183
2536	0.072	2.469	0.070	2.400
2537	0.048	1.646	0.042	1.440
2539	0.048	1.646	0.048	1.646
2541	0.034	1.166	0.042	1.440
2543	0.074	2.537	0.066	2.263
10480	0.046	1.577	0.042	1.440
10495	0.100	3.429	0.106	3.634
10553	0.038	1.303	0.042	1.440
10560	0.084	2.880	0.140	4.800

20 + 40

Certified Assayer:

PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **12269**

Job No. 0-155

Date:
Dec. 22, 2011

	Original		Check	
Sample #	**Au Oz/ton**	**Au g/tonne**	**Au Oz/ton**	**Au g/tonne**
10579	0.128	4.389	0.146	5.006
10595	0.038	1.303	0.048	1.646
10596	0.132	4.526	0.156	5.349
10598	0.034	1.166	0.048	1.646
10599	0.038	1.303	0.040	1.371
12380	0.038	1.303	0.036	1.234
12382	0.032	1.097	0.036	1.234
12383	0.034	1.166	0.040	1.371
12385	0.032	1.097	0.032	1.097
12387	0.032	1.097	0.030	1.029
12389	0.176	6.034	0.134	4.594
12390	0.034	1.166	0.046	1.577
12408	0.040	1.371	0.036	1.234
3316	0.036	1.234	0.044	1.509
12433	0.062	2.126	0.048	1.646
12436	0.052	1.783	0.042	1.440
12439	0.066	2.263	0.072	2.469
12440	0.088	3.017	0.076	2.606
12442	0.038	1.303	0.040	1.371
12443	0.042	1.440	0.040	1.371
12447	0.090	3.086	0.076	2.606
11912	0.040	1.371	0.076	2.606
11913	0.060	2.057	0.080	2.743
11956	0.034	1.166	0.030	1.029

24 + 48

Certified Assayer:

PolyMet Labs
A Division of Polymet Resources Ltd.

1 Presley St, P.O. Box 699, Cobalt, Ontario, Canada P0J 1C0
Tel: (705) 679-5500 • Fax: (705) 679-5519
Email: info@polymetinc.com Website: www.polymetinc.com

Certificate of Analysis

Queenston Mining Inc.
(Lebel Project)

We certify that the assay results in the following Certificates are factual and true.

Certificate #'s 12347, 12348, 12349, 12350, 12351, 12352, 12353, 12354, 12355, 12356, 12357, 12358, & 12359

Certified by: _____
Chief Assayer

Certified by: _____
President/Manager

Date: January 5, 2012

Disclaimer: The results included on this report relate only to the items tested. The Certificate of Analysis should not be reproduced except in full, without the written approval of the laboratory.

PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **12347**

Job No. 0-155

Date:
Jan 4, 2012

Splits

Sample #	**Au Oz/ton**	**Au g/tonne**
10605	<.001	<.03
10606	<.001	<.03
10607	<.001	<.03
10608	<.001	<.03
10609	<.001	<.03
10610	<.001	<.03
10611	<.001	<.03
10612	<.001	<.03
10613	<.001	<.03
10614	0.162	5.554

10 **Splits**

Std OxL 93	0.176	6.034
Blank	<.001	<.03

Certified Assayer:

PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **12348**

Job No. 0-155

Date:
Jan 4, 2012

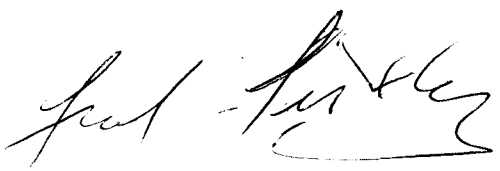
Splits

Sample #	**Au Oz/ton**	**Au g/tonne**
10615	<.001	<.03
10616	<.001	<.03
10617	<.001	<.03
10618	0.014	0.480
10619	0.002	0.069
10620	<.001	<.03
10621	0.014	0.480
10622	<.001	<.03
10623	<.001	<.03
10624	<.001	<.03
10625	<.001	<.03
10626	<.001	<.03
10627	<.001	<.03
10628	<.001	<.03
10629	<.001	<.03
10630	0.008	0.274
10631	<.001	<.03
10632	<.001	<.03
10633	<.001	<.03
10634	<.001	<.03
10635	<.001	<.03
10636	<.001	<.03

22 **Splits**

Std OxL 93	0.176	6.034
Blank	<.001	<.03

Certified Assayer:



PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **12349**

Job No. 0-155

Date:
Jan 4, 2012

Splits

Sample #	**Au Oz/ton**	**Au g/tonne**
10637	Pend	
10638	<.001	<.03
10639	<.001	<.03
10640	0.052	1.783
10641	0.012	0.411
10642	0.002	0.069
10643	<.001	<.03
10644	0.008	0.274
10645	0.002	0.069
10646	<.001	<.03
10647	0.028	0.960
10648	0.004	0.137
10649	0.004	0.137
10650	0.002	0.069
10651	0.004	0.137
10652	0.006	0.206
10653	<.001	<.03
10654	<.001	<.03
10655	0.006	0.206
10656	<.001	<.03
10657	<.001	<.03
10658	<.001	<.03

21 **Splits**
1 **Pend**

Std OxL 93	0.172	5.897
Blank	<.001	<.03

Certified Assayer:



PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **12350**

Job No. 0-155

Date:
Jan 4, 2012

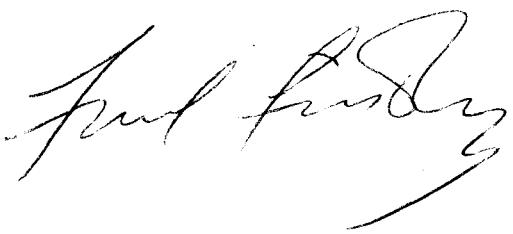
Splits

Sample #	**Au Oz/ton**	**Au g/tonne**
10659	<.001	<.03
10660	<.001	<.03
10661	<.001	<.03
10662	<.001	<.03
10663	<.001	<.03
10664	<.001	<.03
10665	0.162	5.554
10666	<.001	<.03
10667	<.001	<.03
10668	<.001	<.03
10669	<.001	<.03
10670	<.001	<.03
10671	<.001	<.03
10672	<.001	<.03
10673	<.001	<.03
10674	<.001	<.03
10675	0.004	0.137
10676	Pend	
10677	0.012	0.411
10678	Pend	
10679	Pend	
10680	<.001	<.03

19 **Splits**
3 **Pend**

Std OxL 93	0.172	5.897
Blank	<.001	<.03

Certified Assayer:



PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **12351**

Job No. 0-155

Date:
Jan 4, 2012

Splits

Sample #	**Au Oz/ton**	**Au g/tonne**
10681	0.002	0.069
10682	<.001	<.03
10683	<.001	<.03
10684	<.001	<.03
10685	0.004	0.137
10686	<.001	<.03
10687	<.001	<.03
10688	<.001	<.03
10689	<.001	<.03
10690	0.048	1.646
10691	<.001	<.03
10692	<.001	<.03
10693	<.001	<.03
10694	<.001	<.03
10695	<.001	<.03
10696	0.018	0.617
10697	<.001	<.03
10698	0.008	0.274
10699	<.001	<.03
10700	<.001	<.03
10701	<.001	<.03
10702	<.001	<.03

22 **Splits**

Std OxL 93	0.178	6.103
Blank	<.001	<.03

Certified Assayer:

PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **12352**

Job No. 0-155

Date:
Jan 4, 2012

Splits

Sample #	**Au Oz/ton**	**Au g/tonne**
10703	<.001	<.03
10704	0.008	0.274
10705	Pend	
10706	<.001	<.03
10707	<.001	<.03
10708	<.001	<.03
10709	<.001	<.03
10710	<.001	<.03
10711	<.001	<.03
10712	<.001	<.03
10713	0.002	0.069
10714	0.008	0.274
10715	0.164	5.623
10716	0.002	0.069
10717	<.001	<.03
10718	<.001	<.03
10719	<.001	<.03
10720	0.002	0.069
10721	0.004	0.137
10722	0.004	0.137
10723	0.014	0.480
10724	<.001	<.03

21 **Splits**
1 **Pend**

Std OxL 93	0.175	6.000
Blank	<.001	<.03

Certified Assayer:

PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **12353**

Job No. 0-155

Date:
Jan. 5, 2012

Splits

Sample #	**Au Oz/ton**	**Au g/tonne**
10725	<.001	<.03
10726	<.001	<.03
10727	<.001	<.03
10728	<.001	<.03
10729	0.024	0.823
10730	0.008	0.274
10731	0.014	0.480
10732	0.014	0.480
10733	0.012	0.411
10734	0.006	0.206
10735	0.008	0.274
10736	0.016	0.549
10737	0.012	0.411
10738	Pend	
10739	<.001	<.03
10740	0.050	1.714
10741	<.001	<.03
10742	<.001	<.03
10743	<.001	<.03
10744	<.001	<.03
10745	0.004	0.137
10746	0.006	0.206

21 **Splits**
1 **Pend**

Std OxL 93	0.172	5.897
Blank	<.001	<.03

Certified Assayer:

PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **12354**

Job No. 0-155

Date:
Jan. 5, 2012

Splits

Sample #	**Au Oz/ton**	**Au g/tonne**
10747	<.001	<.03
10748	<.001	<.03
10749	0.008	0.274
10750	Pend	
10751	Pend	
10752	Pend	
12468	<.001	<.03
10753	0.028	0.960
10754	<.001	<.03
10755	Pend	
10756	0.020	0.686
10757	0.008	0.274
10758	0.020	0.686
10759	Pend	
10760	0.004	0.137
10761	0.004	0.137
10762	0.002	0.069
10763	0.014	0.480
10764	<.001	<.03
10765	0.164	5.623
10766	0.010	0.343
10767	0.010	0.343

17 **Splits**
5 **Pend**

Std OxL 93	0.172	5.897
Blank	<.001	<.03

Certified Assayer:

PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **12355**

Job No. 0-155

Date:
Jan. 5, 2012

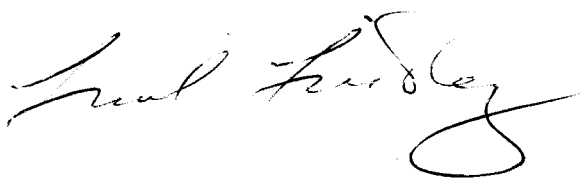
Splits

Sample #	**Au Oz/ton**	**Au g/tonne**
10768	0.014	0.480
10769	0.008	0.274
10770	<.001	<.03
10771	0.006	0.206
10772	0.014	0.480
10773	0.022	0.754
10774	0.008	0.274
10775	0.016	0.549
10776	0.016	0.549
10777	0.008	0.274
10778	0.028	0.960
10779	0.006	0.206
10780	0.008	0.274
10781	0.022	0.754
10782	0.006	0.206
10783	Pend	
10784	<.001	<.03
10785	0.010	0.343
10786	0.006	0.206
10787	<.001	<.03
10788	0.002	0.069
10789	0.008	0.274

21 **Splits**
1 **Pend**

Std OxL 93	0.174	5.966
Blank	<.001	<.03

Certified Assayer:



PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **12356**

Job No. 0-155

Date:
Jan. 5, 2012

Splits

Sample #	**Au Oz/ton**	**Au g/tonne**
10790	0.052	1.783
10791	0.010	0.343
10792	0.002	0.069
10793	<.001	<.03
10794	<.001	<.03
10795	0.004	0.137
10796	0.012	0.411
10797	0.002	0.069
10798	<.001	<.03
10799	<.001	<.03
10800	<.001	<.03
10801	<.001	<.03
10802	<.001	<.03
10803	0.002	0.069
10804	<.001	<.03
10805	<.001	<.03
10806	<.001	<.03
10807	<.001	<.03
10808	<.001	<.03
10809	<.001	<.03
10810	<.001	<.03

21 **Splits**

Std OxL 93	0.174	5.966
Blank	<.001	<.03

Certified Assayer:



PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **12357**

Job No. 0-155

Date:
Jan. 5, 2012

Splits

Sample #	**Au Oz/ton**	**Au g/tonne**
10811	<.001	<.03
10812	<.001	<.03
10813	0.006	0.206
10814	0.018	0.617
10815	0.170	5.829
10816	<.001	<.03
10817	<.001	<.03
10818	<.001	<.03
10819	<.001	<.03
10820	0.006	0.206
10821	0.008	0.274
10822	<.001	<.03
10823	<.001	<.03
10824	0.012	0.411
10825	0.004	0.137
10826	0.002	0.069
10827	0.004	0.137
10828	<.001	<.03
10829	<.001	<.03
10830	0.006	0.206
10831	0.022	0.754
10832	Pend	

21 **Splits**
1 **Pend**

Std OxL 93	0.178	6.103
Blank	<.001	<.03

Certified Assayer:

PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **12358**

Job No. 0-155

Date:
Jan. 5, 2012

Splits

Sample #	**Au Oz/ton**	**Au g/tonne**
10833	<.001	<.03
10834	<.001	<.03
10835	<.001	<.03
10836	<.001	<.03
10837	<.001	<.03
10838	<.001	<.03
10839	<.001	<.03
10840	0.054	1.851
10841	<.001	<.03
10842	<.001	<.03
10843	<.001	<.03
10844	0.006	0.206
10845	<.001	<.03

13 **Splits**

Std OxL 93	0.178	6.103
Blank	<.001	<.03

Certified Assayer:



PolyMet Laboratories

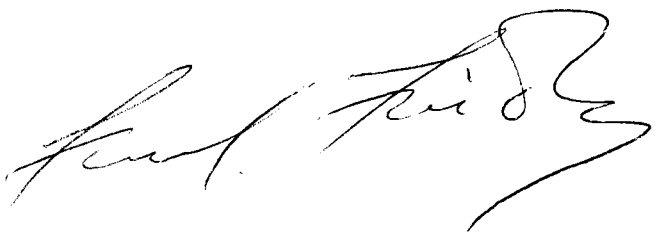
Client: Queenston (Lebel Project)

CERTIFICATE **12359** Job No. 0-155

Date: Jan. 5, 2012

	Original		Check	
Sample #	**Au Oz/ton**	**Au g/tonne**	**Au Oz/ton**	**Au g/tonne**
10637	0.134	4.594	0.148	5.074
10676	0.032	1.097	0.038	1.303
10678	0.042	1.440	0.044	1.509
10679	0.128	4.389	0.130	4.457
10705	0.056	1.920	0.062	2.126
10738	0.100	3.429	0.086	2.949
10750	0.040	1.371	0.046	1.577
10751	0.064	2.194	0.068	2.331
10752	0.580	19.886	0.632	21.669
10755	2.032	69.669	2.342	80.298
10759	0.068	2.331	0.064	2.194
10783	0.076	2.606	0.072	2.469
10832	0.040	1.371	0.038	1.303

13 + 26

Certified Assayer: 

PolyMet Labs
A Division of Polymet Resources Ltd.

1 Presley St, P.O. Box 699, Cobalt, Ontario, Canada P0J 1C0
Tel: (705) 679-5500 • Fax: (705) 679-5519
Email: info@polymetinc.com Website: www.polymetinc.com

Certificate of Analysis

Queenston Mining Inc.
(Lebel Project)

We certify that the assay results in the following Certificates are factual and true.

Certificate #'s 12388, 12389, 12390, 12391, 12392, 12393, 12394, 12395, 12396, 12397, 12398, 12399, 12400, & 12401

Certified by: _____
Chief Assayer

Certified by: _____
President/Manager

Date: January 9, 2012

Disclaimer: The results included on this report relate only to the items tested. The Certificate of Analysis should not be reproduced except in full, without the written approval of the laboratory.

PolyMet Laboratories

Client: Queenston (Lebel Project)
Job No. 0-155

CERTIFICATE **12388**

Date:
Jan. 9, 2012

Splits

Sample #	Au Oz/ton	Au g/tonne
10846	<.001	<.03
10847	<.001	<.03
10848	<.001	<.03
10849	<.001	<.03
10850	<.001	<.03
10851	<.001	<.03
10852	<.001	<.03
10853	<.001	<.03
10854	<.001	<.03
10855	<.001	<.03
10856	<.001	<.03
10857	<.001	<.03
10858	0.002	0.069
10859	0.010	0.343

14 **Splits**

Std OxL 93	0.176	6.034
Blank	<.001	<.03

Certified Assayer:

PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **12389**

Job No. 0-155

Date:
Jan. 9, 2012

Splits

Sample #	**Au Oz/ton**	**Au g/tonne**
10860	<.001	<.03
10861	0.002	0.069
10862	<.001	<.03
11958	<.001	<.03
11959	0.006	0.206
11960	<.001	<.03
11961	0.004	0.137
11962	0.012	0.411
11963	<.001	<.03
11964	<.001	<.03
11965	<.001	<.03
11966	<.001	<.03
11967	<.001	<.03
11968	0.004	0.137
11969	0.018	0.617
11970	<.001	<.03
11971	0.054	1.851
11972	<.001	<.03
11973	0.008	0.274
11974	Pend	
11975	0.018	0.617
11976	0.022	0.754

21 **Splits**
1 **Pend**

Std OxL 93	0.174	5.966
Blank	<.001	<.03

Certified Assayer:

PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **12390**

Job No. 0-155

Date:
Jan. 9, 2012

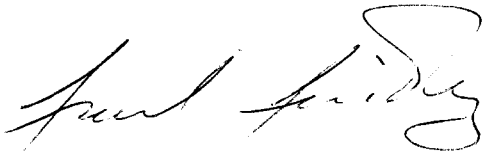
Splits

Sample #	**Au Oz/ton**	**Au g/tonne**
11977	<.001	<.03
11978	<.001	<.03
11979	<.001	<.03
11980	<.001	<.03
11981	<.001	<.03
11982	0.012	0.411
11983	<.001	<.03
11984	<.001	<.03
11985	<.001	<.03
11986	<.001	<.03
11987	<.001	<.03
11988	<.001	<.03
11989	<.001	<.03
11990	<.001	<.03
11991	<.001	<.03
11992	<.001	<.03
11993	0.004	0.137
11994	<.001	<.03
11995	<.001	<.03
11996	<.001	<.03
11997	<.001	<.03
11998	<.001	<.03

22 **Splits**

Std OxL 93	0.174	5.966
Blank	<.001	<.03

Certified Assayer:



PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **12391**

Job No. 0-155

Date:
Jan. 9, 2012

Splits

Sample #	**Au Oz/ton**	**Au g/tonne**
11999	<.001	<.03
12000	<.001	<.03
12001	0.004	0.137
12002	<.001	<.03
12003	<.001	<.03
12004	<.001	<.03
12005	<.001	<.03
12006	<.001	<.03
12007	0.164	5.623
12008	0.008	0.274
12009	0.016	0.549
12010	<.001	<.03
12011	<.001	<.03
12012	<.001	<.03
12013	<.001	<.03
12014	<.001	<.03
12015	<.001	<.03
12016	0.004	0.137
12017	<.001	<.03
12018	<.001	<.03
12019	<.001	<.03
12020	<.001	<.03

22 **Splits**

Std OxL 93	0.174	5.966
Blank	<.001	<.03

Certified Assayer:

PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **12392**

Job No. 0-155

Date:
Jan. 9, 2012

Splits

Sample #	**Au Oz/ton**	**Au g/tonne**
12021	<.001	<.03
12022	<.001	<.03
12023	<.001	<.03
12024	<.001	<.03
12025	0.014	0.480
12026	0.016	0.549
12027	0.010	0.343
12028	Pend	
12029	Pend	
12030	0.028	0.960
12031	0.018	0.617
12032	Pend	
12033	0.052	1.783
12034	<.001	<.03
12035	<.001	<.03
12036	Pend	
12037	<.001	<.03
12038	Pend	
12039	0.004	0.137
12040	Pend	
12041	<.001	<.03
12042	<.001	<.03

16 **Splits**
6 **Pend**

Std OxL 93	0.176	6.034
Blank	<.001	<.03

Certified Assayer:



PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **12393**

Job No. 0-155

Date:
Jan. 9, 2012

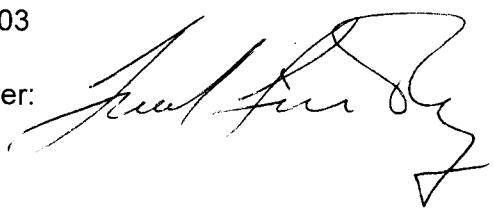
Splits

Sample #	**Au Oz/ton**	**Au g/tonne**
12043	Pend	
12044	0.016	0.549
12045	<.001	<.03
12046	<.001	<.03
12047	<.001	<.03
12048	0.008	0.274
12049	Pend	
12050	0.018	0.617
12051	0.026	0.891
12052	Pend	
12053	<.001	<.03
12054	0.026	0.891
12055	Pend	
12056	0.028	0.960
12057	<.001	<.03
12058	<.001	<.03
12059	0.012	0.411
12060	Pend	
12061	Pend	
12062	Pend	
12063	Pend	

13 **Splits**
8 **Pend**

Std OxL 93	0.176	6.034
Blank	<.001	<.03

Certified Assayer:



PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **12394**

Job No. 0-155

Date:
Jan. 9, 2012

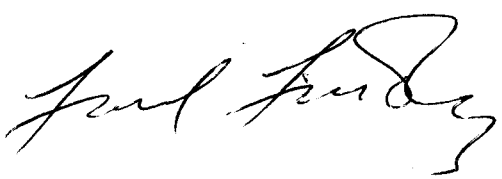
Splits

Sample #	**Au Oz/ton**	**Au g/tonne**
11439	<.001	<.03
11440	<.001	<.03
11441	<.001	<.03
11442	<.001	<.03
11443	0.172	5.897
11444	<.001	<.03
11445	<.001	<.03
11446	0.002	0.069
11447	<.001	<.03
11448	<.001	<.03
11449	<.001	<.03
11450	<.001	<.03
11451	<.001	<.03
11452	<.001	<.03
11453	<.001	<.03
11454	<.001	<.03
11455	<.001	<.03
11456	<.001	<.03
11457	0.028	0.960
11458	<.001	<.03
11459	<.001	<.03
11460	<.001	<.03

22 **Splits**

Std OxL 93	0.174	5.966
Blank	<.001	<.03

Certified Assayer:



PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **12395**

Job No. 0-155

Date:
Jan. 9, 2012

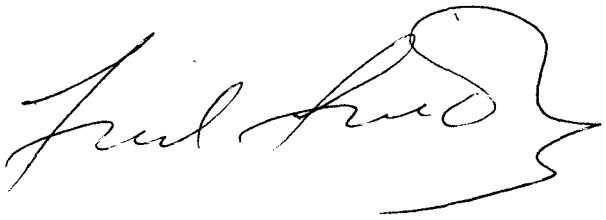
Splits

Sample #	**Au Oz/ton**	**Au g/tonne**
11461	<.001	<.03
11462	<.001	<.03
11463	<.001	<.03
11464	<.001	<.03
11465	<.001	<.03
11466	<.001	<.03
11467	0.002	0.069
11468	0.020	0.686
11469	0.052	1.783
11470	0.002	0.069
11731	<.001	<.03
11732	<.001	<.03
11733	<.001	<.03
11734	0.002	0.069
11735	<.001	<.03
10863	0.008	0.274
10864	0.002	0.069
10865	0.168	5.760
10866	0.008	0.274
10867	0.004	0.137
10868	0.006	0.206
10869	<.001	<.03

22 **Splits**

Std OxL 93	0.174	5.966
Blank	<.001	<.03

Certified Assayer:



PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **12396**

Job No. 0-155

Date:
Jan. 9, 2012

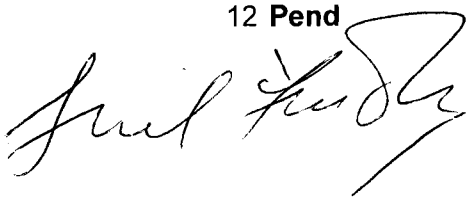
Splits

Sample #	**Au Oz/ton**	**Au g/tonne**
10870	<.001	<.03
10871	Pend	
10872	Pend	
10873	Pend	
10874	Pend	
10875	<.001	<.03
10876	Pend	
10877	<.001	<.03
10878	Pend	
10879	0.028	0.960
10880	Pend	
10881	Pend	
10882	Pend	
10883	0.028	0.960
10884	0.008	0.274
10885	Pend	
10886	Pend	
10887	<.001	<.03
10888	Pend	
10889	0.026	0.891
10890	0.052	1.783
10891	0.010	0.343

10 **Splits**
12 **Pend**

Std OxL 93	0.170	5.829
Blank	<.001	<.03

Certified Assayer:



PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **12397**

Job No. 0-155

Date:
Jan. 9, 2012

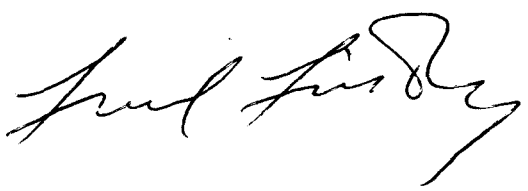
Splits

Sample #	**Au Oz/ton**	**Au g/tonne**
10892	Pend	
10893	<.001	<.03
10894	<.001	<.03
10895	<.001	<.03
10896	<.001	<.03
10897	<.001	<.03
10898	<.001	<.03
10899	<.001	<.03
10900	<.001	<.03
10901	<.001	<.03
10902	0.006	0.206
10903	0.020	0.686
10904	Pend	
10905	Pend	
10906	0.024	0.823
10907	0.008	0.274
10908	0.002	0.069
10909	<.001	<.03
10910	0.004	0.137
10911	0.002	0.069
10912	<.001	<.03
10913	0.002	0.069

19 **Splits**
3 **Pend**

Std OxL 93	0.170	5.829
Blank	<.001	<.03

Certified Assayer:



PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **12398**

Job No. 0-155

Date:
Jan. 9, 2012

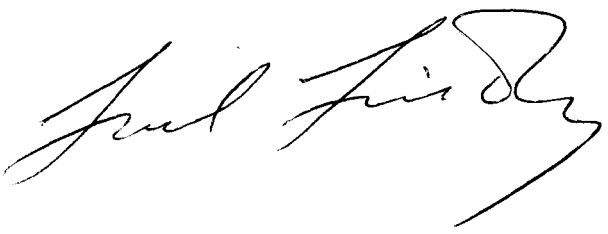
Splits

Sample #	**Au Oz/ton**	**Au g/tonne**
10914	<.001	<.03
10915	0.170	5.829
10916	<.001	<.03
10917	<.001	<.03
10918	<.001	<.03
10919	0.002	0.069
10920	<.001	<.03
10921	0.008	0.274
10922	0.006	0.206
10923	0.008	0.274
10924	0.006	0.206
10925	0.004	0.137
10926	<.001	<.03
10927	<.001	<.03
10928	<.001	<.03
10929	<.001	<.03
10930	<.001	<.03
10931	<.001	<.03
10932	0.002	0.069
10933	0.016	0.549
10934	0.024	0.823
10935	0.004	0.137

22 **Splits**

Std OxL 93	0.176	6.034
Blank	<.001	<.03

Certified Assayer:



PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **12399**

Job No. 0-155

Date:
Jan. 9, 2012

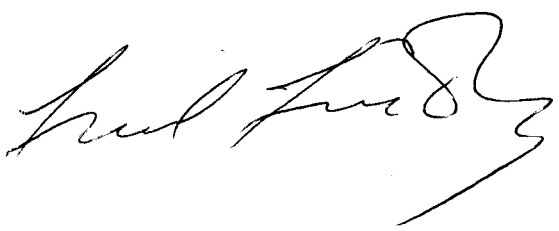
Splits

Sample #	**Au Oz/ton**	**Au g/tonne**
10936	0.010	0.343
10937	0.002	0.069
10938	0.010	0.343
10939	<.001	<.03
10940	0.164	5.623
10941	0.012	0.411
10942	<.001	<.03
10943	0.004	0.137
10944	<.001	<.03
10945	<.001	<.03
10946	0.006	0.206
10947	0.004	0.137
10948	<.001	<.03
10949	0.028	0.960
10950	0.008	0.274
10951	<.001	<.03
10952	0.026	0.891
10953	Pend	
10954	<.001	<.03
10955	<.001	<.03
10956	<.001	<.03
10957	<.001	<.03
10958	<.001	<.03
10959	<.001	<.03
10960	<.001	<.03
10961	<.001	<.03
10962	<.001	<.03

26 **Splits**
1 **Pend**

Std OxL 93	0.176	6.034
Blank	<.001	<.03

Certified Assayer:



PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **12400**

Job No. 0-155

Date:
Jan. 9, 2012

	Original		**Check**	
Sample #	**Au Oz/ton**	**Au g/tonne**	**Au Oz/ton**	**Au g/tonne**
11974	0.038	1.303	0.036	1.234
12028	0.062	2.126	0.048	1.646
12029	0.044	1.509	0.046	1.577
12032	0.038	1.303	0.036	1.234
12036	0.144	4.937	0.168	5.760
12038	0.102	3.497	0.110	3.771
12040	0.260	8.914	0.306	10.492
12043	0.054	1.851	0.052	1.783
12049	0.104	3.566	0.096	3.291
12052	0.170	5.829	0.138	4.731
12055	0.032	1.097	0.038	1.303
12060	0.232	7.954	0.282	9.669
12061	0.100	3.429	0.106	3.634
12062	0.038	1.303	0.056	1.920
12063	0.042	1.440	0.060	2.057

15 + 30

Certified Assayer:



PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **12401**

Job No. 0-155

Date:
Jan. 9, 2012

	Original		Check	
Sample #	**Au Oz/ton**	**Au g/tonne**	**Au Oz/ton**	**Au g/tonne**
10871	0.064	2.194	0.058	1.989
10872	0.036	1.234	0.024	0.823
10873	0.078	2.674	0.066	2.263
10874	0.052	1.783	0.042	1.440
10876	0.056	1.920	0.054	1.851
10878	0.090	3.086	0.090	3.086
10880	0.038	1.303	0.032	1.097
10881	0.036	1.234	0.034	1.166
10882	0.030	1.029	0.042	1.440
10885	0.038	1.303	0.034	1.166
10886	0.866	29.692	0.888	30.446
10888	0.052	1.783	0.052	1.783
10892	0.058	1.989	0.038	1.303
10904	0.040	1.371	0.032	1.097
10905	0.036	1.234	0.036	1.234
10953	0.034	1.166	0.034	1.166

16 + 32

Certified Assayer:



PolyMet Labs
A Division of Polymet Resources Ltd.

1 Presley St, P.O. Box 699, Cobalt. Ontario, Canada P0J 1C0
Tel: (705) 679-5500 • Fax: (705) 679-5519
Email: info@polymetinc.com Website: www.polymetinc.com

Certificate of Analysis

Queenston Mining Inc.
(Lebel Project)

We certify that the assay results in the following Certificates are factual and true.

Certificate #'s 12425, 12426, 12427, 12428, 12429, 12430, 12431, 12432, 12433, 12434, 12435, 12436, & 12437

Certified by: _____
Chief Assayer

Certified by: _____
President/Manager

Date: January 11, 2012

Disclaimer: The results included on this report relate only to the items tested. The Certificate of Analysis should not be reproduced except in full, without the written approval of the laboratory.

PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **12425**

Job No. 0-155

Date:
Jan.11, 2012

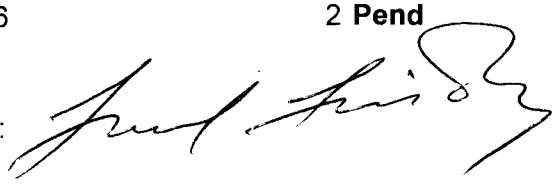
Splits

Sample #	**Au Oz/ton**	**Au g/tonne**
10963	<.001	<.03
10964	<.001	<.03
10965	<.001	<.03
10966	0.052	1.783
10967	Pend	
10968	<.001	<.03
10969	0.014	0.480
10970	<.001	<.03
10971	<.001	<.03
10972	<.001	<.03
10973	0.020	0.686
10974	0.006	0.206
10975	Pend	
10976	0.008	0.274
10977	<.001	<.03
10978	<.001	<.03
10979	0.014	0.480
10980	0.002	0.069
10981	<.001	<.03
10982	<.001	<.03
10983	<.001	<.03
10984	<.001	<.03
10985	<.001	<.03
10986	<.001	<.03
10987	<.001	<.03
10988	<.001	<.03
10989	<.001	<.03

25 **Splits**
2 **Pend**

Std OxL 93	0.174	5.966
Blank	<.001	<.03

Certified Assayer:



PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **12426**

Job No. 0-155

Date:
Jan.11, 2012

Splits

Sample #	**Au Oz/ton**	**Au g/tonne**
10990	<.001	<.03
10991	0.166	5.691
10992	<.001	<.03
10993	<.001	<.03
10994	<.001	<.03
10996	<.001	<.03
10997	<.001	<.03
10998	<.001	<.03
10999	<.001	<.03
11000	<.001	<.03
11501	<.001	<.03
11502	<.001	<.03
11503	0.010	0.343
11504	0.010	0.343
11505	0.020	0.686
11506	0.020	0.686
11507	Pend	
11508	<.001	<.03
11509	0.004	0.137
11510	Pend	
11511	<.001	<.03
11512	<.001	<.03

20 **Splits**
2 **Pend**

Std OxL 93	0.174	5.966
Blank	<.001	<.03

Certified Assayer:

PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **12427**

Job No. 0-155

Date:
Jan.11, 2012

Splits

Sample #	**Au Oz/ton**	**Au g/tonne**
11513	<.001	<.03
11514	<.001	<.03
11515	0.052	1.783
10995	Pend	
11516	<.001	<.03
11517	0.022	0.754
11518	<.001	<.03
11519	<.001	<.03
11520	<.001	<.03
11521	0.002	0.069
11522	0.026	0.891
11523	<.001	<.03
11524	<.001	<.03
11525	<.001	<.03
11526	<.001	<.03
11527	<.001	<.03
11528	<.001	<.03
11529	<.001	<.03
11530	<.001	<.03
11531	<.001	<.03
11532	<.001	<.03
11533	<.001	<.03

21 **Splits**
1 **Pend**

Std OxL 93	0.178	6.103
Blank	<.001	<.03

Certified Assayer:



PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **12428**

Job No. 0-155

Date:
Jan.11, 2012

Splits

Sample #	**Au Oz/ton**	**Au g/tonne**
11534	<.001	<.03
11535	<.001	<.03
11536	<.001	<.03
11537	<.001	<.03
11538	<.001	<.03
11539	<.001	<.03
11540	0.162	5.554
11541	<.001	<.03
11542	<.001	<.03
11543	0.004	0.137
11544	Pend	
11545	<.001	<.03
11546	0.006	0.206
11547	0.018	0.617
11548	<.001	<.03
11549	<.001	<.03
11550	<.001	<.03
11551	<.001	<.03
11552	<.001	<.03
11553	<.001	<.03
11554	<.001	<.03
11555	<.001	<.03

21 **Splits**
1 **Pend**

Std OxL 93	0.178	6.103
Blank	<.001	<.03

Certified Assayer:



PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **12429**

Job No. 0-155

Date:
Jan.11, 2012

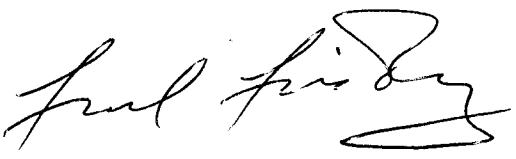
Splits

Sample #	**Au Oz/ton**	**Au g/tonne**
11556	<.001	<.03
11557	<.001	<.03
11558	<.001	<.03
11559	<.001	<.03
11560	<.001	<.03
11561	<.001	<.03
11562	0.002	0.069
11563	<.001	<.03
11564	<.001	<.03
11565	0.052	1.783
11566	Pend	
11567	<.001	<.03
11568	<.001	<.03
11569	<.001	<.03
11570	<.001	<.03
11571	0.010	0.343
11572	<.001	<.03
11573	<.001	<.03
11574	<.001	<.03
11575	<.001	<.03
11576	0.014	0.480
11577	<.001	<.03

21 **Splits**
1 **Pend**

Std OxL 93	0.170	5.829
Blank	<.001	<.03

Certified Assayer:



PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **12430**

Job No. 0-155

Date:
Jan.11, 2012

Splits

Sample #	**Au Oz/ton**	**Au g/tonne**
11578	<.001	<.03
11579	<.001	<.03
11580	0.010	0.343
11581	<.001	<.03
11582	0.002	0.069
11583	0.002	0.069
11584	<.001	<.03
11585	<.001	<.03
11586	<.001	<.03
11587	0.026	0.891
11588	<.001	<.03
11589	0.004	0.137
11590	0.168	5.760
11591	0.014	0.480
11592	<.001	<.03
11593	<.001	<.03
11736	Pend	
11737	<.001	<.03
11738	<.001	<.03
11739	<.001	<.03
11740	<.001	<.03
11741	0.002	0.069

21 **Splits**
1 **Pend**

Std OxL 93	0.170	5.829
Blank	<.001	<.03

Certified Assayer:



PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **12431**

Job No. 0-155

Date:
Jan.11, 2012

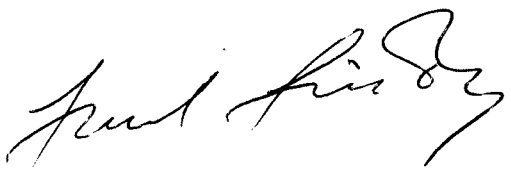
Splits

Sample #	**Au Oz/ton**	**Au g/tonne**
11742	0.164	5.623
11743	0.012	0.411
11744	<.001	<.03
11745	<.001	<.03
11746	0.012	0.411
11747	<.001	<.03
11748	<.001	<.03
11749	0.004	0.137
11750	<.001	<.03
11751	<.001	<.03
11752	<.001	<.03
11753	0.004	0.137
11754	<.001	<.03
11755	<.001	<.03
11756	<.001	<.03
11757	0.004	0.137
11758	0.002	0.069
11759	0.016	0.549
11760	0.008	0.274
11761	Pend	
11762	0.002	0.069
11763	<.001	<.03

21 **Splits**
1 **Pend**

Std OxL 93	0.176	6.034
Blank	<.001	<.03

Certified Assayer:



PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **12432**

Job No. 0-155

Date:
Jan.11, 2012

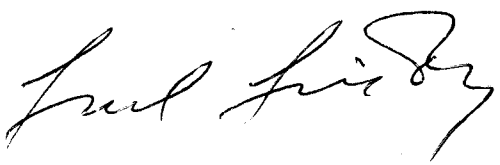
Splits

Sample #	**Au Oz/ton**	**Au g/tonne**
11764	<.001	<.03
11765	<.001	<.03
11766	<.001	<.03
11767	0.052	1.783
11768	0.002	0.069
11769	<.001	<.03
11770	<.001	<.03
11771	<.001	<.03
11772	0.002	0.069
11773	0.002	0.069
11774	<.001	<.03
11775	0.002	0.069
11776	<.001	<.03
11777	0.002	0.069
11778	<.001	<.03
11779	0.002	0.069
11780	<.001	<.03
11781	0.002	0.069
11782	0.008	0.274
11783	<.001	<.03
11784	Pend	
11785	<.001	<.03

21 **Splits**
1 **Pend**

Std OxL 93	0.176	6.034
Blank	<.001	<.03

Certified Assayer:



PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **12433**

Job No. 0-155

Date:
Jan.11, 2012

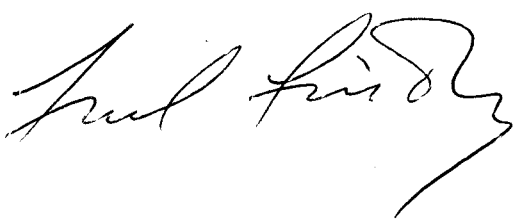
Splits

Sample #	**Au Oz/ton**	**Au g/tonne**
11786	0.002	0.069
11787	<.001	<.03
11788	<.001	<.03
11789	<.001	<.03
11790	<.001	<.03
11791	<.001	<.03
11792	0.168	5.760
11793	<.001	<.03
11794	<.001	<.03
11795	0.022	0.754
11796	<.001	<.03
11797	<.001	<.03
11798	<.001	<.03
11799	0.006	0.206
11800	<.001	<.03
11801	<.001	<.03
11802	<.001	<.03
11803	<.001	<.03
11804	<.001	<.03
11805	<.001	<.03
11806	<.001	<.03
11807	<.001	<.03

22 **Splits**

Std OxL 93	0.170	5.829
Blank	<.001	<.03

Certified Assayer:



PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **12434**

Job No. 0-155

Date:
Jan.11, 2012

Splits

Sample #	**Au Oz/ton**	**Au g/tonne**
11808	<.001	<.03
11809	<.001	<.03
11810	<.001	<.03
11811	<.001	<.03
11812	<.001	<.03
11813	0.002	0.069
11814	<.001	<.03
11815	<.001	<.03
11816	<.001	<.03
11817	0.048	1.646
11818	<.001	<.03
11819	<.001	<.03
11820	<.001	<.03
11821	<.001	<.03
11822	<.001	<.03
11823	<.001	<.03
11824	<.001	<.03
11825	<.001	<.03
11826	<.001	<.03
11827	<.001	<.03
11828	<.001	<.03
11829	<.001	<.03

22 **Splits**

Std OxL 93	0.170	5.829
Blank	<.001	<.03

Certified Assayer:



PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **12435**

Job No. 0-155

Date:
Jan.11, 2012

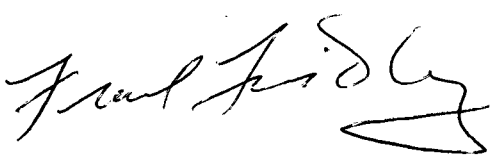
Splits

Sample #	**Au Oz/ton**	**Au g/tonne**
11830	<.001	<.03
11831	<.001	<.03
11832	<.001	<.03
11833	<.001	<.03
11834	<.001	<.03
11835	<.001	<.03
11836	<.001	<.03
11837	<.001	<.03
11838	<.001	<.03
11839	<.001	<.03
11840	<.001	<.03
11841	<.001	<.03
11842	0.168	5.760
11843	<.001	<.03
11844	0.022	0.754
11845	<.001	<.03
11846	<.001	<.03
11847	<.001	<.03
11848	<.001	<.03
11849	0.006	0.206
11850	<.001	<.03
11851	<.001	<.03

22 **Splits**

Std OxL 93	0.176	6.034
Blank	<.001	<.03

Certified Assayer:



PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **12436**

Job No. 0-155

Date:
Jan.11, 2012

Splits

Sample #	**Au Oz/ton**	**Au g/tonne**
11852	<.001	<.03
11853	<.001	<.03
11854	<.001	<.03
11855	<.001	<.03
11856	<.001	<.03
11857	<.001	<.03
11858	<.001	<.03
11859	<.001	<.03
11860	<.001	<.03
11861	<.001	<.03
11862	<.001	<.03
11863	<.001	<.03

12 **Splits**

Std OxL 93	0.176	6.034
Blank	<.001	<.03

Certified Assayer:



PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **12437**

Job No. 0-155

Date:
Jan. 11, 2012

	Original		Check	
Sample #	**Au Oz/ton**	**Au g/tonne**	**Au Oz/ton**	**Au g/tonne**
10967	0.332	11.383	0.346	11.863
10975	0.040	1.371	0.044	1.509
11507	0.034	1.166	0.028	0.960
11510	0.038	1.303	0.038	1.303
10995	0.294	10.080	0.300	10.286
11544	0.164	5.623	0.144	4.937
11566	0.072	2.469	0.072	2.469
11736	0.058	1.989	0.050	1.714
11761	0.054	1.851	0.048	1.646
11784	0.252	8.640	0.234	8.023

10 + 20

Certified Assayer:

PolyMet Labs
A Division of Polymet Resources Ltd.

1 Presley St, P.O. Box 699, Cobalt, Ontario, Canada P0J 1C0
Tel: (705) 679-5500 • Fax: (705) 679-5519
Email: info@polymetinc.com Website: www.polymetinc.com

Certificate of Analysis

Queenston Mining Inc.
(Lebel Project)

We certify that the assay results in the following Certificates are factual and true.

Certificate #'s 12610, 12611, 12612, 12613, 12614, 12615, 12516, 12617, 12618, 12619, 12620, 12621, & 12622

Certified by: _____
Chief Assayer

Certified by: _____
President/Manager

Date: January 27, 2012

Disclaimer: The results included on this report relate only to the items tested. The Certificate of Analysis should not be reproduced except in full, without the written approval of the laboratory.

PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **12610**

Job No. 0-155

Date:
Jan. 27, 2012

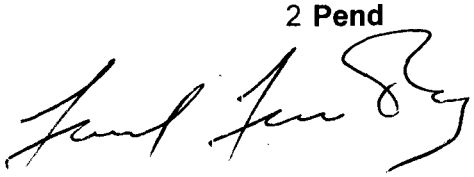
Splits

Sample #	**Au Oz/ton**	**Au g/tonne**
11063	<.001	<.03
11064	<.001	<.03
11065	<.001	<.03
11066	<.001	<.03
11067	0.012	0.411
11068	Pend	
11069	0.054	1.851
11070	0.014	0.480
11071	0.008	0.274
11072	0.028	0.960
11073	0.010	0.343
11074	0.004	0.137
11075	<.001	<.03
11076	Pend	
11077	0.016	0.549
11078	<.001	<.03
11079	<.001	<.03
11080	<.001	<.03
11081	<.001	<.03
11082	<.001	<.03
11083	0.010	0.343
11084	0.004	0.137
11085	<.001	<.03
11086	<.001	<.03
11087	<.001	<.03
11088	<.001	<.03
11089	0.004	0.137

25 **Splits**
2 **Pend**

Std OxL 93	0.172	5.897
Blank	<.001	<.03

Certified Assayer:



PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **12611**

Job No. 0-155

Date:
Jan. 27, 2012

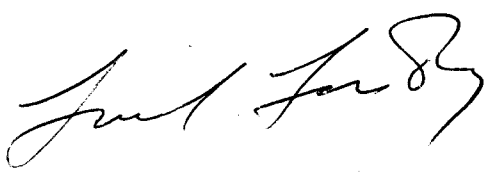
Splits

Sample #	**Au Oz/ton**	**Au g/tonne**
11090	<.001	<.03
11091	0.004	0.137
11092	0.012	0.411
11093	<.001	<.03
11094	0.052	1.783
11095	<.001	<.03
11096	<.001	<.03
11097	<.001	<.03
11098	<.001	<.03
11099	0.014	0.480
11100	<.001	<.03
11101	<.001	<.03
11102	<.001	<.03
11103	<.001	<.03
11104	<.001	<.03
11105	<.001	<.03
11106	<.001	<.03
11107	<.001	<.03
11108	Pend	
11109	<.001	<.03
11110	Pend	
11111	0.014	0.480

20 **Splits**
2 **Pend**

Std OxL 93	0.174	5.966
Blank	<.001	<.03

Certified Assayer:



PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **12612**

Job No. 0-155

Date:
Jan. 27, 2012

Splits

Sample #	**Au Oz/ton**	**Au g/tonne**
11112	0.028	0.960
11113	<.001	<.03
11114	0.012	0.411
11115	Pend	
11116	Pend	
11117	<.001	<.03
11118	Pend	
11119	0.052	1.783
11120	Pend	
11121	0.020	0.686
11122	<.001	<.03
11123	<.001	<.03
11124	<.001	<.03
11125	<.001	<.03
11126	<.001	<.03
11127	<.001	<.03
11128	<.001	<.03
11129	0.004	0.137
11130	<.001	<.03
11131	<.001	<.03
11132	<.001	<.03
11133	<.001	<.03

18 **Splits**
4 **Pend**

Std OxL 93	0.174	5.966
Blank	<.001	<.03

Certified Assayer:

PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **12613**

Job No. 0-155

Date:
Jan. 27, 2012

Splits

Sample #	Au Oz/ton	Au g/tonne
11134	0.002	0.069
11135	<.001	<.03
11136	Pend	
11137	<.001	<.03
11138	<.001	<.03
11139	<.001	<.03
11140	<.001	<.03
11141	Pend	
11142	Pend	
11143	<.001	<.03
11144	0.054	1.851
11145	0.014	0.480
11146	<.001	<.03
11147	<.001	<.03
11148	0.004	0.137
11149	<.001	<.03
11150	<.001	<.03
11151	<.001	<.03
11152	Pend	
11153	<.001	<.03
11154	0.014	0.480
11155	<.001	<.03

PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **12614**

Job No. 0-155

Date:
Jan. 27, 2012

Splits

Sample #	**Au Oz/ton**	**Au g/tonne**
11156	0.018	0.617
11157	0.022	0.754
11158	0.014	0.480
11159	0.014	0.480
11160	0.002	0.069
11161	0.004	0.137
11162	0.018	0.617
11163	Pend	
11164	Pend	
11165	0.004	0.137
11166	Pend	
11167	Pend	
11168	0.020	0.686
11169	0.170	5.829
11170	0.020	0.686
11171	0.018	0.617
11172	0.014	0.480
11173	Pend	
11174	0.026	0.891
11175	Pend	
11176	0.018	0.617
11177	0.014	0.480

16 **Splits**
6 **Pend**

Std OxL 93	0.176	6.034
Blank	<.001	<.03

Certified Assayer:



PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **12615**

Job No. 0-155

Date:
Jan. 27, 2012

Splits

Sample #	**Au Oz/ton**	**Au g/tonne**
11178	0.012	0.411
11179	Pend	
11180	0.010	0.343
11181	Pend	
11182	<.001	<.03
11183	0.008	0.274
11184	<.001	<.03
11185	<.001	<.03
11186	<.001	<.03
11187	<.001	<.03
11188	<.001	<.03
11189	<.001	<.03
11190	<.001	<.03
11191	<.001	<.03
11192	<.001	<.03
11193	0.050	1.714
11194	<.001	<.03
11195	<.001	<.03
11196	Pend	
13427	<.001	<.03
13428	0.002	0.069
13429	<.001	<.03

19 **Splits**
3 **Pend**

Std OxL 93	0.170	5.829
Blank	<.001	<.03

Certified Assayer:

PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **12616**

Job No. 0-155

Date:
Jan. 27, 2012

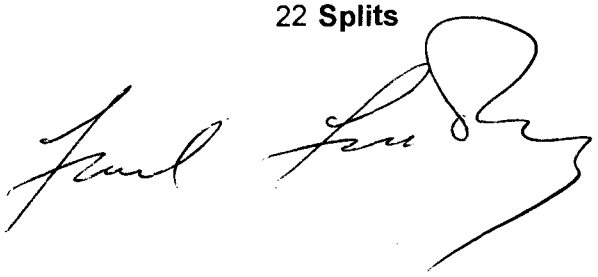
Splits

Sample #	**Au Oz/ton**	**Au g/tonne**
13430	<.001	<.03
13431	<.001	<.03
13432	<.001	<.03
13433	<.001	<.03
13434	<.001	<.03
13435	<.001	<.03
13436	<.001	<.03
13437	<.001	<.03
13438	0.008	0.274
13439	<.001	<.03
13440	<.001	<.03
13441	<.001	<.03
13442	<.001	<.03
13443	<.001	<.03
13444	<.001	<.03
13445	<.001	<.03
13446	<.001	<.03
13447	<.001	<.03
13448	<.001	<.03
13449	<.001	<.03
13450	<.001	<.03
12501	<.001	<.03

22 **Splits**

Std OxL 93	0.170	5.829
Blank	<.001	<.03

Certified Assayer:



PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **12617**

Job No. 0-155

Date:
Jan. 27, 2012

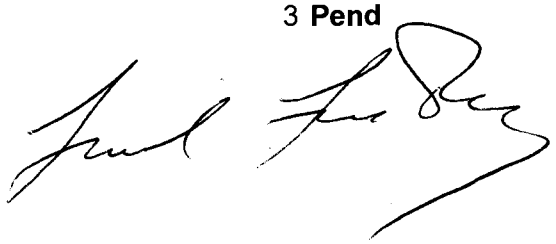
Splits

Sample #	**Au Oz/ton**	**Au g/tonne**
12502	0.002	0.069
12503	<.001	<.03
12504	<.001	<.03
12505	<.001	<.03
12506	0.004	0.137
12507	0.002	0.069
12508	0.002	0.069
12509	<.001	<.03
12510	<.001	<.03
12511	0.052	1.783
12512	<.001	<.03
12513	<.001	<.03
12514	<.001	<.03
12515	0.006	0.206
12516	Pend	
12517	0.020	0.686
12518	0.004	0.137
12519	0.028	0.960
12520	Pend	
12521	0.004	0.137
12522	0.022	0.754
12523	Pend	

19 **Splits**
3 **Pend**

Std OxL 93	0.174	5.966
Blank	<.001	<.03

Certified Assayer:



PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **12618**

Job No. 0-155

Date:
Jan. 27, 2012

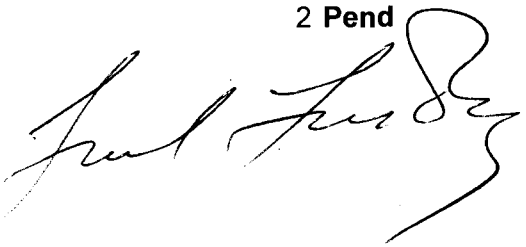
Splits

Sample #	**Au Oz/ton**	**Au g/tonne**
12524	<.001	<.03
12525	0.028	0.960
12526	0.014	0.480
12527	0.004	0.137
12528	0.008	0.274
12529	0.002	0.069
12530	0.010	0.343
12531	0.160	5.486
12532	0.014	0.480
12533	Pend	
12534	0.010	0.343
12535	Pend	
12536	0.008	0.274
12537	<.001	<.03
12538	0.004	0.137
12539	<.001	<.03
12540	<.001	<.03
12541	<.001	<.03
12542	<.001	<.03
12543	0.012	0.411
12544	<.001	<.03
12545	<.001	<.03

20 **Splits**
2 **Pend**

Std OxL 93	0.174	5.966
Blank	<.001	<.03

Certified Assayer:



PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **12619**

Job No. 0-155

Date:
Jan. 27, 2012

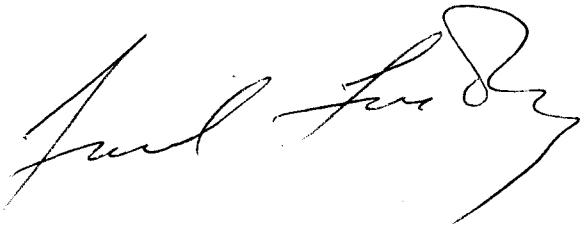
Splits

Sample #	**Au Oz/ton**	**Au g/tonne**
12546	<.001	<.03
12547	<.001	<.03
12548	<.001	<.03
12549	<.001	<.03
12550	<.001	<.03
12551	<.001	<.03
12552	<.001	<.03
12553	<.001	<.03
12554	<.001	<.03
12555	<.001	<.03
12556	0.166	5.691
12557	0.004	0.137
12558	<.001	<.03
12559	<.001	<.03
12560	<.001	<.03
12561	<.001	<.03
12562	<.001	<.03
12563	<.001	<.03
12564	<.001	<.03
12565	0.004	0.137
12566	<.001	<.03
12567	<.001	<.03

22 **Splits**

Std OxL 93	0.170	5.829
Blank	<.001	<.03

Certified Assayer:



PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **12620**

Job No. 0-155

Date:
Jan. 27, 2012

Splits

Sample #	**Au Oz/ton**	**Au g/tonne**
12568	0.004	0.137
12569	0.008	0.274
12570	0.028	0.960
12571	0.004	0.137
12572	<.001	<.03
12573	<.001	<.03
12574	<.001	<.03
12575	<.001	<.03
12576	0.052	1.783
12577	<.001	<.03
12578	0.006	0.206
12579	<.001	<.03
12580	<.001	<.03
12581	<.001	<.03
12582	<.001	<.03
12583	<.001	<.03
12584	0.014	0.480
12585	<.001	<.03
12586	<.001	<.03
12587	<.001	<.03
12588	0.006	0.206
12589	<.001	<.03

22 **Splits**

Std OxL 93	0.170	5.829
Blank	<.001	<.03

Certified Assayer:

PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **12621**

Job No. 0-155

Date:
Jan. 27, 2012

	Original		**Check**	
Sample #	**Au Oz/ton**	**Au g/tonne**	**Au Oz/ton**	**Au g/tonne**
11068	0.034	1.166	0.028	0.960
11076	0.056	1.920	0.062	2.126
11108	0.140	4.800	0.156	5.349
11110	0.138	4.731	0.142	4.869
11115	0.038	1.303	0.036	1.234
11116	0.052	1.783	0.052	1.783
11118	0.078	2.674	0.072	2.469
11120	0.064	2.194	0.050	1.714
11136	0.042	1.440	0.044	1.509
11141	0.032	1.097	0.028	0.960
11142	0.046	1.577	0.038	1.303
11152	0.058	1.989	0.062	2.126
11163	0.058	1.989	0.058	1.989
11164	0.062	2.126	0.064	2.194
11166	0.036	1.234	0.036	1.234
11167	0.034	1.166	0.036	1.234
11173	0.056	1.920	0.058	1.989
11175	0.032	1.097	0.028	0.960
11179	0.036	1.234	0.040	1.371
11181	0.070	2.400	0.068	2.331
11196	0.064	2.194	0.076	2.606
12516	0.040	1.371	0.042	1.440
12520	0.044	1.509	0.038	1.303
12523	0.050	1.714	0.058	1.989
12533	0.060	2.057	0.080	2.743
12535	0.056	1.920	0.054	1.851

26 + 52

Certified Assayer: Carla Johnson

PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **12622**

Job No. 0-155

Date:
Jan. 30, 2012

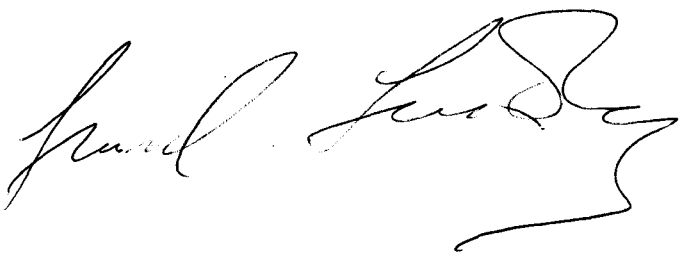
Splits

Sample #	**Au Oz/ton**	**Au g/tonne**
12590	<.001	<.03
12591	<.001	<.03
12592	<.001	<.03
12593	<.001	<.03
12594	0.026	0.891
12595	0.014	0.480
12596	0.010	0.343
12597	<.001	<.03
12598	<.001	<.03
12599	<.001	<.03
12600	<.001	<.03
12601	<.001	<.03
12602	0.054	1.851
12603	<.001	<.03
12604	<.001	<.03
12605	0.018	0.617
12606	0.166	5.691
12607	0.012	0.411

18 **Splits**

Std OxL 93	0.174	5.966
Blank	<.001	<.03

Certified Assayer:



PolyMet Labs
A Division of Polymet Resources Ltd.

1 Presley St, P.O. Box 699, Cobalt, Ontario, Canada P0J 1C0
Tel: (705) 679-5500 • Fax: (705) 679-5519
Email: info@polymetinc.com Website: www.polymetinc.com

Certificate of Analysis

Queenston Mining Inc.
(Lebel Project)

We certify that the assay results in the following Certificates are factual and true.

Certificate #'s 12667, 12668, 12669, 12670, 12671, 12672, 12673, 12674, 12675, 12676, 12677, 12678, & 12679

Certified by: _____
Chief Assayer

Certified by: _____
President/Manager

Date: February 2, 2012

Disclaimer: The results included on this report relate only to the items tested. The Certificate of Analysis should not be reproduced except in full, without the written approval of the laboratory.

PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **12667**

Job No. 0-155

Date:
Feb. 2, 2012

Splits

Sample #	**Au Oz/ton**	**Au g/tonne**
12608	Pend	
12609	0.004	0.137
12610	0.002	0.069
12611	0.022	0.754
12612	<.001	<.03
12613	Pend	
12614	0.020	0.686
12615	0.002	0.069
12616	0.010	0.343
12617	0.028	0.960
12618	Pend	
12619	<.001	<.03
12620	0.056	1.920
12621	0.018	0.617
12622	Pend	
12623	<.001	<.03
12624	<.001	<.03
12625	<.001	<.03
12626	0.006	0.206
12627	Pend	

15 **Splits**
5 **Pend**

Std OxL 93	0.172	5.897
Blank	<.001	<.03

Certified Assayer:



PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **12668**

Job No. 0-155

Date:
Feb. 2, 2012

Splits

Sample #	**Au Oz/ton**	**Au g/tonne**
12628	<.001	<.03
12629	<.001	<.03
12630	Pend	
12631	0.008	0.274
12632	<.001	<.03
12633	<.001	<.03
12634	<.001	<.03
12635	0.012	0.411
12636	<.001	<.03
12637	0.056	1.920
12638	<.001	<.03
12639	0.028	0.960
12640	0.022	0.754
12641	0.012	0.411
12642	<.001	<.03
12643	<.001	<.03
12644	Pend	
12645	<.001	<.03
12646	Pend	
12647	<.001	<.03
12648	0.020	0.686
12649	0.002	0.069

19 **Splits**
3 **Pend**

Std OxL 93	0.172	5.897
Blank	<.001	<.03

Certified Assayer:

PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **12669**

Job No. 0-155

Date:
Feb. 2, 2012

Splits

Sample #	**Au Oz/ton**	**Au g/tonne**
12650	0.014	0.480
12651	0.004	0.137
12652	0.018	0.617
12653	0.016	0.549
12654	0.002	0.069
12655	<.001	<.03
12656	<.001	<.03
12657	0.002	0.069
12658	<.001	<.03
12659	<.001	<.03
12660	<.001	<.03
12661	0.002	0.069
12662	Pend	
12663	<.001	<.03
12664	<.001	<.03
12665	<.001	<.03
12666	0.164	5.623
12667	<.001	<.03
12668	<.001	<.03
12669	<.001	<.03
12670	<.001	<.03
12671	<.001	<.03

21 **Splits**
1 **Pend**

Std OxL 93	0.172	5.897
Blank	<.001	<.03

Certified Assayer:

PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **12670**

Job No. 0-155

Date:
Feb. 2, 2012

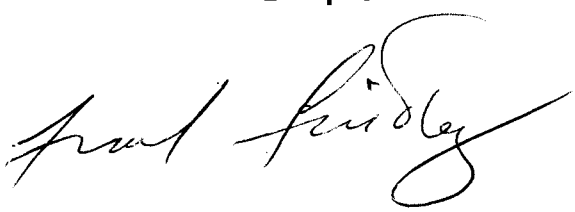
Splits

Sample #	**Au Oz/ton**	**Au g/tonne**
12672	<.001	<.03
12673	0.004	0.137
12674	<.001	<.03
12675	0.006	0.206
12676	<.001	<.03
12677	0.024	0.823
12678	<.001	<.03
12679	<.001	<.03
12680	0.004	0.137
12681	<.001	<.03
12682	0.004	0.137
12683	0.008	0.274
12684	0.018	0.617
12685	<.001	<.03
12686	0.002	0.069
12687	0.052	1.783
12688	0.016	0.549
12689	<.001	<.03
12690	0.002	0.069
12691	<.001	<.03
12692	<.001	<.03
12693	<.001	<.03

22 **Splits**

Std OxL 93	0.172	5.897
Blank	<.001	<.03

Certified Assayer:



PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **12671**

Job No. 0-155

Date:
Feb. 2, 2012

Splits

Sample #	**Au Oz/ton**	**Au g/tonne**
12694	0.002	0.069
12695	<.001	<.03
12696	0.008	0.274
12697	0.002	0.069
12698	<.001	<.03
12699	<.001	<.03
12700	<.001	<.03
12701	<.001	<.03
12702	0.028	0.960
12703	<.001	<.03
12704	0.004	0.137
12705	0.026	0.891
12706	0.008	0.274
12707	0.024	0.823
12708	Pend	
12709	0.008	0.274
12710	<.001	<.03
12711	0.010	0.343
12712	0.004	0.137
12713	0.008	0.274
12714	0.010	0.343
12715	0.014	0.480

21 **Splits**
1 **Pend**

Std OxL 93	0.176	6.034
Blank	<.001	<.03

Certified Assayer:

PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **12672**

Job No. 0-155

Date:
Feb. 2, 2012

Splits

Sample #	**Au Oz/ton**	**Au g/tonne**
11197	Pend	
11198	0.016	0.549
11199	0.004	0.137
11200	<.001	<.03
11201	<.001	<.03
11202	Pend	
11203	<.001	<.03
11204	<.001	<.03
11205	0.006	0.206
11206	<.001	<.03
11207	<.001	<.03
11208	<.001	<.03
11209	<.001	<.03
11210	<.001	<.03
11211	<.001	<.03
11212	<.001	<.03
11213	<.001	<.03
11214	<.001	<.03
11215	<.001	<.03
11216	<.001	<.03
11217	<.001	<.03
11218	0.168	5.760

20 **Splits**
2 **Pend**

Std OxL 93	0.176	6.034
Blank	<.001	<.03

Certified Assayer: Carla Johnson

PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **12673**

Job No. 0-155

Date:
Feb. 2, 2012

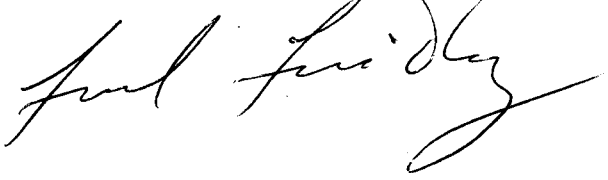
Splits

Sample #	**Au Oz/ton**	**Au g/tonne**
11219	<.001	<.03
11220	<.001	<.03
11221	0.024	0.823
11222	<.001	<.03
11223	<.001	<.03
11224	<.001	<.03
11225	<.001	<.03
11226	<.001	<.03
11227	Pend	
11228	<.001	<.03
11229	<.001	<.03
11230	<.001	<.03
11231	<.001	<.03
11232	<.001	<.03
11233	0.008	0.274
11234	<.001	<.03
11235	<.001	<.03
11236	<.001	<.03
11237	<.001	<.03
11238	<.001	<.03
11239	<.001	<.03
11240	<.001	<.03

21 **Splits**
1 **Pend**

Std OxL 93	0.172	5.897
Blank	<.001	<.03

Certified Assayer:



PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **12674**

Job No. 0-155

Date:
Feb. 2, 2012

Splits

Sample #	**Au Oz/ton**	**Au g/tonne**
11241	<.001	<.03
11242	<.001	<.03
11243	0.050	1.714
11244	<.001	<.03
11245	<.001	<.03
11246	<.001	<.03
11247	<.001	<.03
11248	<.001	<.03
11249	<.001	<.03
11250	0.014	0.480
11251	<.001	<.03
11252	<.001	<.03
11253	<.001	<.03
11254	Pend	
11255	<.001	<.03
11256	<.001	<.03
11257	<.001	<.03
11258	<.001	<.03
11259	0.004	0.137
11260	<.001	<.03
13719	<.001	<.03
13720	0.168	5.760

21 **Splits**
1 **Pend**

Std OxL 93	0.172	5.897
Blank	<.001	<.03

Certified Assayer:

PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **12675**

Job No. 0-155

Date:
Feb. 2, 2012

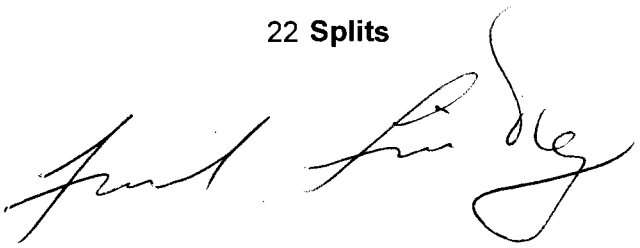
Splits

Sample #	**Au Oz/ton**	**Au g/tonne**
13721	<.001	<.03
13722	<.001	<.03
13723	0.002	0.069
13724	<.001	<.03
13725	<.001	<.03
13726	<.001	<.03
13727	0.016	0.549
13728	0.010	0.343
13729	<.001	<.03
13730	<.001	<.03
13731	<.001	<.03
13732	<.001	<.03
13733	<.001	<.03
13734	<.001	<.03
13735	<.001	<.03
13736	<.001	<.03
13737	<.001	<.03
13738	<.001	<.03
13739	<.001	<.03
13740	<.001	<.03
13741	<.001	<.03
13742	<.001	<.03

22 **Splits**

Std OxL 93	0.178	6.103
Blank	<.001	<.03

Certified Assayer:



PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **12676**

Job No. 0-155

Date:
Feb. 2, 2012

Splits

Sample #	**Au Oz/ton**	**Au g/tonne**
13743	<.001	<.03
13744	<.001	<.03
13745	0.054	1.851
13746	0.004	0.137
13747	0.006	0.206
13748	<.001	<.03
13749	0.008	0.274
13750	0.002	0.069
13751	<.001	<.03
13752	<.001	<.03
13753	<.001	<.03
13754	0.006	0.206
13755	0.018	0.617
13756	0.028	0.960
13757	<.001	<.03
13758	0.004	0.137
13759	<.001	<.03
13760	0.002	0.069
13761	0.002	0.069
13762	<.001	<.03
13763	<.001	<.03
13764	0.020	0.686

22 **Splits**

Std OxL 93	0.178	6.103
Blank	<.001	<.03

Certified Assayer:

PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **12677**

Job No. 0-155

Date:
Feb. 2, 2012

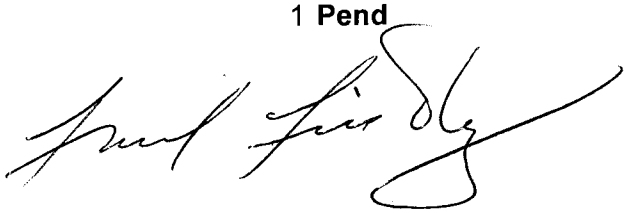
Splits

Sample #	**Au Oz/ton**	**Au g/tonne**
13765	Pend	
13766	0.012	0.411
13767	<.001	<.03
13768	<.001	<.03
13769	0.012	0.411
13770	0.166	5.691
13771	<.001	<.03
13772	0.012	0.411
13773	0.004	0.137
13774	<.001	<.03
13775	<.001	<.03
13776	<.001	<.03
13777	<.001	<.03
13778	<.001	<.03
13779	<.001	<.03
13780	0.002	0.069
13781	0.002	0.069
13782	<.001	<.03
13783	0.008	0.274
13784	<.001	<.03
13785	<.001	<.03
13786	<.001	<.03

21 **Splits**
1 **Pend**

Std OxL 93	0.176	6.034
Blank	<.001	<.03

Certified Assayer:



PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **12678**

Job No. 0-155

Date:
Feb. 2, 2012

Splits

Sample #	**Au Oz/ton**	**Au g/tonne**
13787	<.001	<.03
13788	0.002	0.069
13789	<.001	<.03
13790	<.001	<.03
13791	<.001	<.03
13792	0.008	0.274
13793	<.001	<.03
13794	<.001	<.03
13795	0.052	1.783
13796	0.002	0.069
13797	<.001	<.03
13798	<.001	<.03
13799	<.001	<.03
13800	<.001	<.03

14 **Splits**

Std OxL 93	0.176	6.034
Blank	<.001	<.03

Certified Assayer:

PolyMet Laboratories

CERTIFICATE **12679**

Client: Queenston (Lebel Project)
Job No. 0-155

Date:
Feb. 2, 2012

Sample #	Original Au Oz/ton	Original Au g/tonne	Check Au Oz/ton	Check Au g/tonne
12608	0.040	1.371	0.032	1.097
12613	0.088	3.017	0.138	4.731
12618	0.174	5.966	0.126	4.320
12622	0.038	1.303	0.032	1.097
12627	0.032	1.097	0.028	0.960
12630	0.088	3.017	0.096	3.291
12644	0.170	5.829	0.142	4.869
12646	0.034	1.166	0.048	1.646
12662	0.224	7.680	0.176	6.034
12708	0.048	1.646	0.036	1.234
11197	0.142	4.869	0.114	3.909
11202	0.052	1.783	0.060	2.057
11227	0.068	2.331	0.064	2.194
11254	0.114	3.909	0.114	3.909
13765	0.060	2.057	0.062	2.126

15 + 30

Certified Assayer:

PolyMet Labs
A Division of Polymet Resources Ltd.

1 Presley St, P.O. Box 699, Cobalt, Ontario, Canada P0J 1C0
Tel: (705) 679-5500 • Fax: (705) 679-5519
Email: info@polymetinc.com Website: www.polymetinc.com

Certificate of Analysis

Queenston Mining Inc.
(Lebel Project)

We certify that the assay results in the following Certificates are factual and true.

Certificate #'s 12945, 12946, 12947, 12948, 12949, 12950, 12951, 12952, 12953, 12954, 12955, 12956, 12957, 12958, 12959, 12960, 12961, 12962, & 12963

Certified by: _____
Chief Assayer

Certified by: _____
President/Manager

Date: February 29, 2012

Disclaimer: The results included on this report relate only to the items tested. The Certificate of Analysis should not be reproduced except in full, without the written approval of the laboratory.

PolyMet Laboratories

Client: Queenston (Lebel Project)
Job No. 0-155

CERTIFICATE **12945**

Date:
Feb. 29, 2012

Splits

Sample #	Au Oz/ton	Au g/tonne
11294	0.002	0.069
11295	0.006	0.206
11296	<.001	<.03
11297	0.008	0.274
11298	0.002	0.069
11299	0.010	0.343
11300	0.006	0.206
13001	0.004	0.137
13002	Pend	
13003	0.006	0.206
13004	0.002	0.069
13005	<.001	<.03
13006	<.001	<.03
13007	0.006	0.206

13 **Splits**
1 **Pend**

Std OxL 93	0.172	5.897
Blank	<.001	<.03

Certified Assayer:

PolyMet Laboratories

Client: Queenston (Lebel Project)
Job No. 0-155

CERTIFICATE **12946**

Date:
Feb. 29, 2012

Splits

Sample #	Au Oz/ton	Au g/tonne
13008	0.004	0.137
13009	<.001	<.03
13010	0.008	0.274
13011	0.008	0.274
13012	0.008	0.274
13013	<.001	<.03
13014	<.001	<.03
13015	0.002	0.069
13016	<.001	<.03
13017	<.001	<.03
13018	0.052	1.783
13019	<.001	<.03
13020	<.001	<.03
13021	<.001	<.03
13022	<.001	<.03
13023	<.001	<.03
13024	0.012	0.411
13025	<.001	<.03
13026	0.008	0.274
13027	0.012	0.411
13028	<.001	<.03
13029	<.001	<.03

22 **Splits**

Std OxL 93	0.176	6.034
Blank	<.001	<.03

Certified Assayer:

PolyMet Laboratories

Client: Queenston (Lebel Project)
Job No. 0-155

CERTIFICATE **12947**

Date:
Feb. 29, 2012

Splits

Sample #	Au Oz/ton	Au g/tonne
13030	<.001	<.03
13031	<.001	<.03
13032	<.001	<.03
13033	<.001	<.03
13034	<.001	<.03
13035	0.004	0.137
13036	0.004	0.137
13037	<.001	<.03
13038	<.001	<.03
13039	0.012	0.411
13040	<.001	<.03
13041	<.001	<.03
13042	<.001	<.03
13043	0.164	5.623
13044	0.010	0.343
13045	0.020	0.686
13046	0.022	0.754
13047	0.006	0.206
13048	<.001	<.03
13049	<.001	<.03
13050	<.001	<.03
13051	0.028	0.960

22 **Splits**

Std OxL 93	0.176	6.034
Blank	<.001	<.03

Certified Assayer:

PolyMet Laboratories

Client: Queenston (Lebel Project)
Job No. 0-155

CERTIFICATE **12948**

Date:
Feb. 29, 2012

Splits

Sample #	Au Oz/ton	Au g/tonne
13052	0.006	0.206
13053	0.010	0.343
13054	0.012	0.411
13055	<.001	<.03
13056	0.008	0.274
13057	0.024	0.823
13058	0.008	0.274
13059	<.001	<.03
13060	<.001	<.03
13061	<.001	<.03
13062	0.004	0.137
13063	0.006	0.206
13064	0.010	0.343
13065	<.001	<.03
13066	<.001	<.03
13067	<.001	<.03
13068	0.054	1.851
13069	0.002	0.069
13070	<.001	<.03
13071	<.001	<.03
13072	<.001	<.03
13073	<.001	<.03

22 **Splits**

Std OxL 93	0.174	5.966
Blank	<.001	<.03

Certified Assayer:

PolyMet Laboratories

Client: Queenston (Lebel Project)
Job No. 0-155

CERTIFICATE **12949**

Date:
Feb. 29, 2012

Splits

Sample #	Au Oz/ton	Au g/tonne
13074	<.001	<.03
13075	<.001	<.03
13076	<.001	<.03
13077	0.008	0.274
13078	<.001	<.03
13079	<.001	<.03
13080	<.001	<.03
13081	<.001	<.03
13082	<.001	<.03
13083	<.001	<.03
13084	<.001	<.03
13085	<.001	<.03
13086	<.001	<.03
13087	<.001	<.03
13088	<.001	<.03
13089	<.001	<.03
13090	<.001	<.03
13091	0.012	0.411
13092	0.010	0.343
13093	0.164	5.623
13094	Pend	

20 **Splits**
1 **Pend**

Std OxL 93	0.174	5.966
Blank	<.001	<.03

Certified Assayer:

PolyMet Laboratories

Client: Queenston (Lebel Project)
Job No. 0-155

CERTIFICATE **12950**

Date:
Feb. 29, 2012

Splits

Sample #	**Au Oz/ton**	**Au g/tonne**
13095	<.001	<.03
13096	<.001	<.03
13097	0.006	0.206
13098	0.010	0.343
13099	0.014	0.480
13100	<.001	<.03
13101	<.001	<.03
13102	<.001	<.03
13103	<.001	<.03
13104	0.006	0.206
13105	<.001	<.03
13106	<.001	<.03
13107	<.001	<.03
13108	0.012	0.411
13109	<.001	<.03
13110	<.001	<.03
13111	<.001	<.03
13112	<.001	<.03
14690	Pend	
14691	0.010	0.343
14692	<.001	<.03
14693	<.001	<.03

21 **Splits**
1 **Pend**

Std OxL 93	0.176	6.034
Blank	<.001	<.03

Certified Assayer:

PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **12953**

Job No. 0-155

Date:
Feb. 29, 2012

Splits

Sample #	**Au Oz/ton**	**Au g/tonne**
14738	<.001	<.03
14739	<.001	<.03
14740	<.001	<.03
14741	0.002	0.069
14742	<.001	<.03
14743	<.001	<.03
14744	<.001	<.03
14745	<.001	<.03
14746	0.028	0.960
13113	<.001	<.03
13114	<.001	<.03
13115	Pend	
13116	<.001	<.03
13117	<.001	<.03
13118	0.054	1.851
13119	<.001	<.03
13120	<.001	<.03
13121	<.001	<.03
13122	<.001	<.03
13123	<.001	<.03
13124	<.001	<.03
13125	<.001	<.03

21 **Splits**
1 **Pend**

Std OxL 93	0.174	5.966
Blank	<.001	<.03

Certified Assayer:

PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **12954**

Job No. 0-155

Date:
Feb. 29, 2012

Splits

Sample #	Au Oz/ton	Au g/tonne
13126	<.001	<.03
13127	<.001	<.03
13128	<.001	<.03
13129	0.004	0.137
13130	0.012	0.411
13131	Pend	
13132	Pend	
13133	Pend	
13134	Pend	
13135	Pend	
13136	<.001	<.03
13137	<.001	<.03
13138	Pend	
13139	<.001	<.03
13140	0.012	0.411
13141	Pend	
13142	0.002	0.069
13143	0.168	5.760
13144	<.001	<.03
13145	<.001	<.03
13146	0.020	0.686
13147	0.026	0.891

15 **Splits**
7 **Pend**

Std OxL 93	0.172	5.897
Blank	<.001	<.03

Certified Assayer:

PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **12955**

Job No. 0-155

Date:
Feb. 29, 2012

Splits

Sample #	**Au Oz/ton**	**Au g/tonne**
13148	Pend	
13149	0.020	0.686
13150	0.016	0.549
13151	<.001	<.03
13152	<.001	<.03
13153	0.022	0.754
13154	<.001	<.03
13155	<.001	<.03
13156	<.001	<.03
13157	<.001	<.03
13158	0.012	0.411
13159	Pend	
13160	<.001	<.03
13161	Pend	
13162	0.006	0.206
13163	<.001	<.03
13164	<.001	<.03
13165	<.001	<.03
13166	<.001	<.03
13167	<.001	<.03
13168	0.054	1.851
13169	0.016	0.549

19 **Splits**
3 **Pend**

Std OxL 93	0.172	5.897
Blank	<.001	<.03

Certified Assayer:

PolyMet Laboratories

Client: Queenston (Lebel Project)
Job No. 0-155

CERTIFICATE **12956**

Date:
Feb. 29, 2012

Splits

Sample #	Au Oz/ton	Au g/tonne
13182	<.001	<.03
13170	Pend	
13171	0.006	0.206
13172	<.001	<.03
13173	<.001	<.03
13174	<.001	<.03
13175	<.001	<.03
13176	<.001	<.03
13177	<.001	<.03
13178	<.001	<.03
13179	<.001	<.03
13180	<.001	<.03
13181	<.001	<.03
13183	<.001	<.03
13184	0.016	0.549
13185	0.002	0.069
13186	<.001	<.03
13187	<.001	<.03
13188	<.001	<.03
13189	<.001	<.03
13190	<.001	<.03
13191	0.008	0.274

21 **Splits**
1 **Pend**

Std OxL 93	0.172	5.897
Blank	<.001	<.03

Certified Assayer:

PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **12957**

Job No. 0-155

Date:
Feb. 29, 2012

Splits

Sample #	**Au Oz/ton**	**Au g/tonne**
13192	Pend	
13193	0.170	5.829
13194	0.028	0.960
13195	Pend	
13196	<.001	<.03
13197	<.001	<.03
13198	<.001	<.03
13199	<.001	<.03
13200	0.002	0.069
13201	<.001	<.03
13202	<.001	<.03
13203	<.001	<.03
13204	<.001	<.03
13205	<.001	<.03
13206	<.001	<.03
13207	<.001	<.03
13208	<.001	<.03
13209	<.001	<.03
13210	<.001	<.03
13211	<.001	<.03
13212	<.001	<.03
13213	<.001	<.03

20 **Splits**
2 **Pend**

Std OxL 93	0.172	5.897
Blank	<.001	<.03

Certified Assayer:

PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **12958**

Job No. 0-155

Date:
Feb. 29, 2012

Splits

Sample #	**Au Oz/ton**	**Au g/tonne**
13214	<.001	<.03
13215	<.001	<.03
13216	0.002	0.069
13217	0.018	0.617
13218	0.052	1.783
13219	<.001	<.03
13220	<.001	<.03
13221	<.001	<.03
13222	<.001	<.03
13223	<.001	<.03
13224	<.001	<.03
13225	<.001	<.03
13226	<.001	<.03
13227	<.001	<.03
13228	0.002	0.069
13229	0.026	0.891
13230	<.001	<.03
13231	<.001	<.03
13232	<.001	<.03
13233	<.001	<.03
13234	0.002	0.069
13235	Pend	

21 **Splits**
1 **Pend**

Std OxL 93	0.170	5.829
Blank	<.001	<.03

Certified Assayer:

PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **12959**

Job No. 0-155

Date:
Feb. 29, 2012

Splits

Sample #	**Au Oz/ton**	**Au g/tonne**
13236	0.022	0.754
13237	<.001	<.03
13238	<.001	<.03
13239	0.014	0.480
13240	0.002	0.069
13241	0.006	0.206
13242	<.001	<.03
13636	<.001	<.03
13637	<.001	<.03
13638	<.001	<.03
13639	0.014	0.480
13640	0.022	0.754
13641	<.001	<.03
13642	0.002	0.069
13643	<.001	<.03
13644	0.012	0.411
13645	0.170	5.829
13646	<.001	<.03
13647	0.012	0.411
13648	0.016	0.549
13649	0.026	0.891
13650	0.010	0.343

22 **Splits**

Std OxL 93	0.170	5.829
Blank	<.001	<.03

Certified Assayer:

PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **12960**

Job No. 0-155

Date:
Feb. 29, 2012

Splits

Sample #	**Au Oz/ton**	**Au g/tonne**
13651	Pend	
13652	0.016	0.549
14747	0.002	0.069
14748	<.001	<.03
14749	<.001	<.03
14750	0.004	0.137
14751	0.002	0.069
14752	0.002	0.069
14753	<.001	<.03
14754	<.001	<.03
14755	0.006	0.206
14756	<.001	<.03
14757	<.001	<.03
14758	<.001	<.03
14759	0.002	0.069
14760	<.001	<.03
14761	<.001	<.03
14762	0.172	5.897
14763	<.001	<.03
14764	<.001	<.03
14765	0.010	0.343
14766	<.001	<.03

21 **Splits**
1 **Pend**

Std OxL 93	0.172	5.897
Blank	<.001	<.03

Certified Assayer:

PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **12963**

Job No. 0-155

Date:
Feb. 29, 2012

	Original		Check	
Sample #	**Au Oz/ton**	**Au g/tonne**	**Au Oz/ton**	**Au g/tonne**
13002	0.046	1.577	0.042	1.440
13094	0.036	1.234	0.034	1.166
14690	0.240	8.229	0.298	10.217
14697	0.166	5.691	0.126	4.320
14727	0.042	1.440	0.038	1.303
13115	0.038	1.303	0.032	1.097
13131	0.566	19.406	0.470	16.114
13132	0.596	20.434	0.734	25.166
13133	0.196	6.720	0.172	5.897
13134	0.082	2.811	0.086	2.949
13135	0.034	1.166	0.028	0.960
13138	0.040	1.371	0.030	1.029
13141	0.038	1.303	0.036	1.234
13148	0.036	1.234	0.030	1.029
13159	0.146	5.006	0.110	3.771
13161	0.032	1.097	0.028	0.960
13170	0.096	3.291	0.116	3.977
13192	0.084	2.880	0.100	3.429
13195	0.050	1.714	0.042	1.440
13235	0.064	2.194	0.052	1.783
13651	0.036	1.234	0.038	1.303
14776	0.064	2.194	0.048	1.646
14779	0.056	1.920	0.080	2.743
14798	0.050	1.714	0.030	1.029
14799	0.034	1.166	0.030	1.029

25 + 50

Certified Assayer:

PolyMet Labs
A Division of Polymet Resources Ltd.

1 Presley St, P.O. Box 699, Cobalt, Ontario, Canada P0J 1C0
Tel: (705) 679-5500 • Fax: (705) 679-5519
Email: info@polymetinc.com Website: www.polymetinc.com

Certificate of Analysis

Queenston Mining Inc.
(Lebel Project)

We certify that the assay results in the following Certificates are factual and true.

Certificate #'s 13021, 13022, 13023, 13024, 13025, 13026, 13027, 13028, 13029, 13030, 13031, 13032, 13033, 13034, 13035, & 13036

Certified by: _____
Chief Assayer

Certified by: _____
President/Manager

Date: March 6, 2012

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PolyMet Laboratories

Client: Queenston (Lebel Project)
Job No. 0-155

CERTIFICATE **13022**

Date:
Mar. 6, 2012

Splits

Sample #	Au Oz/ton	Au g/tonne
13673	<.001	<.03
13674	<.001	<.03
13675	<.001	<.03
13676	<.001	<.03
13677	<.001	<.03
13678	<.001	<.03
13679	<.001	<.03
13680	<.001	<.03
13681	<.001	<.03
13682	<.001	<.03
13683	<.001	<.03
13684	<.001	<.03
13685	<.001	<.03
13686	<.001	<.03
13687	0.004	0.137
13688	0.008	0.274
13689	<.001	<.03
13690	0.006	0.206
13691	<.001	<.03
13692	0.006	0.206
13693	0.004	0.137

21 **Splits**

Std OxL 93	0.174	5.966
Blank	<.001	<.03

Certified Assayer:

PolyMet Laboratories

Client: Queenston (Lebel Project)
Job No. 0-155

CERTIFICATE **13026**

Date:
Mar. 6, 2012

Splits

Sample #	Au Oz/ton	Au g/tonne
13694	<.001	<.03
13695	0.168	5.760
13696	<.001	<.03
13697	0.002	0.069
13698	<.001	<.03
13699	<.001	<.03
13700	<.001	<.03
13701	<.001	<.03
13702	<.001	<.03
13703	<.001	<.03
13704	<.001	<.03
13705	0.008	0.274
13706	<.001	<.03
13707	<.001	<.03
13708	<.001	<.03
13709	<.001	<.03
13710	<.001	<.03
14297	<.001	<.03
14298	0.010	0.343
14299	<.001	<.03
14300	0.050	1.714
14301	<.001	<.03

22 **Splits**

Std OxL 93	0.176	6.034
Blank	<.001	<.03

Certified Assayer:

PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **13030**

Job No. 0-155

Date:
Mar. 6, 2012

Splits

Sample #	**Au Oz/ton**	**Au g/tonne**
14368	<.001	<.03
14369	<.001	<.03
14370	<.001	<.03
14371	<.001	<.03
14372	<.001	<.03
14373	<.001	<.03
14374	<.001	<.03
14375	0.164	5.623
14376	<.001	<.03
14377	<.001	<.03
14378	<.001	<.03
14379	<.001	<.03
14380	<.001	<.03
14381	<.001	<.03
14382	<.001	<.03
14383	<.001	<.03
14384	<.001	<.03
14385	<.001	<.03
14386	<.001	<.03
14014	<.001	<.03
14215	0.006	0.206
14016	<.001	<.03

22 **Splits**

Std OxL 93	0.170	5.829
Blank	<.001	<.03

Certified Assayer:



PolyMet Laboratories

Client: Queenston (Lebel Project)
Job No. 0-155

CERTIFICATE **13031**

Date:
Mar. 6, 2012

Splits

Sample #	**Au Oz/ton**	**Au g/tonne**
14017	<.001	<.03
14018	<.001	<.03
14019	0.004	0.137
14020	0.054	1.851
14021	0.002	0.069
14022	<.001	<.03
14023	<.001	<.03
14024	<.001	<.03
14025	<.001	<.03
14026	<.001	<.03
14027	<.001	<.03
14028	<.001	<.03
14029	<.001	<.03
14030	<.001	<.03
14031	<.001	<.03
14032	<.001	<.03
14033	<.001	<.03
14034	<.001	<.03
14035	<.001	<.03
14036	<.001	<.03
14037	<.001	<.03
14038	<.001	<.03

22 **Splits**

Std OxL 93	0.170	5.829
Blank	<.001	<.03

Certified Assayer:



PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **13032**

Job No. 0-155

Date:
Mar. 6, 2012

Splits

Sample #	**Au Oz/ton**	**Au g/tonne**
14039	<.001	<.03
14040	<.001	<.03
14041	<.001	<.03
14042	<.001	<.03
14043	0.008	0.274
14044	<.001	<.03
14045	0.012	0.411
14046	0.170	5.829
14047	0.002	0.069
14048	0.006	0.206
14049	<.001	<.03
14050	<.001	<.03
14051	0.010	0.343
14052	0.002	0.069
14053	<.001	<.03
14054	<.001	<.03
14055	0.004	0.137
14056	<.001	<.03
14057	<.001	<.03
14058	0.010	0.343
14059	<.001	<.03
14060	0.022	0.754

22 **Splits**

Std OxL 93	0.170	5.829
Blank	<.001	<.03

Certified Assayer:

PolyMet Laboratories

Client: Queenston (Lebel Project)
Job No. 0-155

CERTIFICATE **13033**

Date:
Mar. 6, 2012

Splits

Sample #	**Au Oz/ton**	**Au g/tonne**
14061	0.002	0.069
14062	<.001	<.03
14063	<.001	<.03
14064	0.016	0.549
14065	<.001	<.03
14066	0.010	0.343
14067	0.012	0.411
14068	<.001	<.03
14069	0.008	0.274
14070	0.052	1.783
14071	0.002	0.069
14072	0.018	0.617
14073	0.012	0.411
14074	Pend	
14869	0.002	0.069
14870	<.001	<.03
14871	<.001	<.03
14872	<.001	<.03
14873	0.010	0.343
14874	<.001	<.03
14875	<.001	<.03
14876	<.001	<.03

21 **Splits**
1 **Pend**

Std OxL 93	0.170	5.829
Blank	<.001	<.03

Certified Assayer:

PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **13036**

Job No. 0-155

Date:
Mar. 6, 2012

	Original		Check	
Sample #	**Au Oz/ton**	**Au g/tonne**	**Au Oz/ton**	**Au g/tonne**
13657	0.118	4.046	0.094	3.223
14843	0.300	10.286	0.328	11.246
14844	0.072	2.469	0.068	2.331
14845	0.042	1.440	0.036	1.234
14850	0.034	1.166	0.030	1.029
14851	0.032	1.097	0.028	0.960
14314	0.202	6.926	0.240	8.229
14315	0.036	1.234	0.058	1.989
14074	0.092	3.154	0.070	2.400
14878	0.042	1.440	0.036	1.234
14893	0.076	2.606	0.070	2.400
14901	0.070	2.400	0.062	2.126

12 + 24

Certified Assayer: Carla Johnson

PolyMet Labs
A Division of Polymet Resources Ltd.

1 Presley St, P.O. Box 699, Cobalt, Ontario, Canada P0J 1C0
Tel: (705) 679-5500 • Fax: (705) 679-5519
Email: info@polymetinc.com Website: www.polymetinc.com

Certificate of Analysis

Queenston Mining Inc.
(Lebel Project)

We certify that the assay results in the following Certificates are factual and true.

Certificate #'s 13076, 13077, 13078, 13079, 13080, 13081, 13082, 13083, 13084, 13085, & 13086

Certified by: _____
Chief Assayer

Certified by: _____
President/Manager

Date: March 12, 2012

Disclaimer: The results included on this report relate only to the items tested. The Certificate of Analysis should not be reproduced except in full, without the written approval of the laboratory.

PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **13076**

Job No. 0-155

Date:
Mar. 12, 2012

Splits

Sample #	**Au Oz/ton**	**Au g/tonne**
14075	0.022	0.754
14076	<.001	<.03
14077	0.008	0.274
14078	<.001	<.03
14079	<.001	<.03
14080	Pend	
14081	0.016	0.549
14082	0.006	0.206
14083	<.001	<.03
14084	<.001	<.03
14085	0.006	0.206
14086	0.012	0.411
14087	0.008	0.274
14088	0.024	0.823
14089	<.001	<.03

14 **Splits**
1 **Pend**

Std OxL 93	0.176	6.034
Blank	<.001	<.03

Certified Assayer:



PolyMet Laboratories

Client: Queenston (Lebel Project)
Job No. 0-155

CERTIFICATE **13077**

Date:
Mar. 12, 2012

Splits

Sample #	Au Oz/ton	Au g/tonne
14090	<.001	<.03
14091	<.001	<.03
14092	Pend	
14093	Pend	
14094	0.018	0.617
14095	<.001	<.03
14096	0.018	0.617
14097	0.014	0.480
14098	0.174	5.966
14099	0.026	0.891
14100	<.001	<.03
14101	<.001	<.03
14102	<.001	<.03
14103	<.001	<.03
14104	<.001	<.03
14105	<.001	<.03
14106	<.001	<.03
14107	Pend	
14108	0.024	0.823
14227	<.001	<.03
14228	<.001	<.03
14229	<.001	<.03

19 **Splits**
3 **Pend**

Std OxL 93	0.176	6.034
Blank	<.001	<.03

Certified Assayer:

PolyMet Laboratories

Client: Queenston (Lebel Project)
Job No. 0-155

CERTIFICATE **13078**

Date:
Mar. 12, 2012

Splits

Sample #	Au Oz/ton	Au g/tonne
14230	<.001	<.03
14127	<.001	<.03
14231	0.004	0.137
14232	<.001	<.03
14233	<.001	<.03
14234	<.001	<.03
14235	<.001	<.03
14236	<.001	<.03
14237	<.001	<.03
14238	<.001	<.03
14239	<.001	<.03
14240	<.001	<.03
14241	<.001	<.03
14242	<.001	<.03
14243	<.001	<.03
14244	<.001	<.03
14245	0.052	1.783
14246	<.001	<.03
14247	<.001	<.03
14248	0.012	0.411
14249	<.001	<.03
14250	<.001	<.03

22 **Splits**

Std OxL 93	0.176	6.034
Blank	<.001	<.03

Certified Assayer:

PolyMet Laboratories

CERTIFICATE **13086**

Client: Queenston (Lebel Project)
Job No. 0-155

Date:
Mar. 12, 2012

	Original		Check	
Sample #	**Au Oz/ton**	**Au g/tonne**	**Au Oz/ton**	**Au g/tonne**
14080	0.058	1.989	0.048	1.646
14092	0.052	1.783	0.032	1.097
14093	0.030	1.029	0.026	0.891
14107	0.104	3.566	0.090	3.086
14266	0.036	1.234	0.030	1.029
14280	0.034	1.166	0.026	0.891

6 + 12

Certified Assayer:

PolyMet Labs
A Division of Polymet Resources Ltd.

1 Presley St, P.O. Box 699, Cobalt, Ontario, Canada P0J 1C0
Tel: (705) 679-5500 • Fax: (705) 679-5519
Email: info@polymetinc.com Website: www.polymetinc.com

Certificate of Analysis

Queenston Mining Inc.
(Lebel Project)

We certify that the assay results in the following Certificates are factual and true.

Certificate #'s 13121, 13122, 13123, 13124, 13125, 13126, 13127, 13128, 13129, 13130, & 13131

Certified by: _____
Chief Assayer

Certified by: _____
President/Manager

Date: March 13, 2012

Disclaimer: The results included on this report relate only to the items tested. The Certificate of Analysis should not be reproduced except in full, without the written approval of the laboratory.

PolyMet Laboratories

Client: Queenston (Lebel Project)
Job No. 0-155

CERTIFICATE **13121**

Date:
Mar. 13, 2012

Splits

Sample #	Au Oz/ton	Au g/tonne
13478	<.001	<.03
13479	<.001	<.03
13480	<.001	<.03
13481	<.001	<.03
13482	<.001	<.03
13483	<.001	<.03
13484	<.001	<.03
13485	<.001	<.03
13486	<.001	<.03
13487	<.001	<.03
13488	<.001	<.03
13489	<.001	<.03
13490	<.001	<.03
13491	<.001	<.03
11301	Pend	
11302	0.008	0.274
11303	0.006	0.206
11304	Pend	
11305	Pend	
11306	Pend	
11307	Pend	
11308	Pend	
14471	<.001	<.03
14472	0.050	1.714
14473	<.001	<.03
14474	<.001	<.03

20 **Splits**
6 **Pend**

Std OxL 93	0.172	5.897
Blank	<.001	<.03

Certified Assayer:

PolyMet Labs
A Division of Polymet Resources Ltd.

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Email: info@polymetinc.com Website: www.polymetinc.com

Certificate of Analysis

Queenston Mining Inc.
(Vault Division)

We certify that the assay results in the following Certificates are factual and true.

Certificate #'s 9900, 9901, 9902, 9903, & 9904

Certified by: _____
Assayer

Certified by: _____
President/Manager

Date: April 14, 2011

Disclaimer: The results included on this report relate only to the items tested. The Certificate of Analysis should not be reproduced except in full, without the written approval of the laboratory.

PolyMet Laboratories

Client: Queenston (Vault Div.)

CERTIFICATE **9901**

Job No. 0-155

Date:
Apr. 14, 2011

Splits

Sample #	**Au Oz/ton**	**g/tonne**
29879	Pend	
29880	<.001	<.03
29881	<.001	<.03
29882	0.026	0.891
29883	<.001	<.03
29884	0.051	1.749
29885	<.001	<.03
29886	<.001	<.03
29887	<.001	<.03
29888	<.001	<.03
29889	<.001	<.03
29890	<.001	<.03
29804	<.001	<.03
29891	<.001	<.03
29892	Pend	
54978	0.016	0.549
54979	Pend	
54980	<.001	<.03
54981	Pend	
54982	<.001	<.03
54983	<.001	<.03
54984	<.001	<.03

18 **Splits**
4 **Pend**

Std OxL78	0.174	5.966
Blank	<.001	<.03

Certified Assayer: Sandra Edwards

PolyMet Laboratories

Client: Queenston (Vault Div.)

CERTIFICATE **9902**

Job No. 0-155

Date:
Apr. 14, 2011

Splits

Sample #	**Au Oz/ton**	**g/tonne**
54985	Pend	
54986	0.008	0.274
54987	Pend	
54988	Pend	
54989	0.010	0.343
54990	0.024	0.823
54991	Pend	
54992	Pend	
54993	0.010	0.343
54860	0.014	0.480
54861	0.012	0.411
54862	0.008	0.274
54863	0.014	0.480
54864	0.010	0.343
29893	<.001	<.03
29894	<.001	<.03
29895	<.001	<.03
29896	<.001	<.03
29897	0.020	0.686
29898	0.016	0.549
29899	0.028	0.960
29900	0.016	0.549

17 **Splits**
5 **Pend**

Std OxL78	0.176	6.034
Blank	<.001	<.03

Certified Assayer: Carla Johnson

PolyMet Laboratories

Client: Queenston (Vault Div.)

CERTIFICATE **9903**

Job No. 0-155

Date:
Apr. 14, 2011

Splits

Sample #	**Au Oz/ton**	**g/tonne**
29901	0.016	0.549
29902	0.012	0.411
29903	0.002	0.069
29904	0.016	0.549
29905	0.002	0.069
29906	0.004	0.137
29908	<.001	<.03
29909	0.014	0.480
29910	<.001	<.03
29911	<.001	<.03
29912	0.165	5.657
29913	<.001	<.03
29914	Pend	
29915	<.001	<.03
29916	Pend	
29917	<.001	<.03
29918	0.014	0.480
29919	<.001	<.03
29920	Pend	
29921	<.001	<.03
29922	<.001	<.03

18 **Splits**
3 **Pend**

Std OxL78	0.176	6.034
Blank	<.001	<.03

Certified Assayer: Carla Johnson

PolyMet Laboratories

Client: Queenston (Vault Div.)

CERTIFICATE **9904**

Job No. 0-155

Date:
Apr. 14, 2011

	Original		**Check**	
Sample #	**Au Oz/ton**	**g/tonne**	**Au Oz/ton**	**g/tonne**
29879	0.078	2.674	0.078	2.674
29892	0.088	3.017	0.080	2.743
54979	0.086	2.949	0.096	3.291
54981	0.104	3.566	0.098	3.360
54985	0.214	7.337	0.200	6.857
54987	0.032	1.097	0.032	1.097
54988	0.086	2.949	0.088	3.017
54991	0.034	1.166	0.036	1.234
54992	0.102	3.497	0.108	3.703
29914	0.146	5.006	0.161	5.520
29916	0.078	2.674	0.088	3.017
29920	0.038	1.303	0.032	1.097

12 + 24

Certified Assayer:

PolyMet Labs
A Division of Polymet Resources Ltd.

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Tel: (705) 679-5500 • Fax: (705) 679-5519
Email: info@polymetinc.com Website: www.polymetinc.com

Certificate of Analysis

Queenston Mining Inc.
(Vault Division)

We certify that the assay results in the following Certificates are factual and true.

Certificate #'s 9932, 9933, 9934, 9935, 9936, 9937, 9938, 9939, & 9940

Certified by: _____
Assayer

Certified by: _____
President/Manager

Date: April 19, 2011

Disclaimer: The results included on this report relate only to the items tested. The Certificate of Analysis should not be reproduced except in full, without the written approval of the laboratory.

PolyMet Laboratories

Client: Queenston (Vault Div.)

CERTIFICATE **9932**

Job No. 0-155

Date:
Apr. 19, 2011

Splits

Sample #	**Au Oz/ton**	**g/tonne**
1986	0.002	0.069
1987	<.001	<.03
1988	<.001	<.03
1989	0.006	0.206
1990	<.001	<.03
1991	<.001	<.03
1992	<.001	<.03
1993	<.001	<.03
1994	<.001	<.03
1995	0.158	5.417

10 **Splits**

Std OxL78	0.170	5.829
Blank	<.001	<.03

Certified Assayer: Linda Johnson

PolyMet Laboratories

Client: Queenston (Vault Div.)

CERTIFICATE **9933**

Job No. 0-155

Date:
Apr. 19, 2011

Splits

Sample #	**Au Oz/ton**	**g/tonne**
1996	<.001	<.03
1997	<.001	<.03
1998	<.001	<.03
1999	<.001	<.03
2000	<.001	<.03
2001	<.001	<.03
2002	<.001	<.03
2003	0.154	5.280
2004	<.001	<.03
2005	<.001	<.03
2006	<.001	<.03
2007	<.001	<.03
2008	<.001	<.03
2009	<.001	<.03
2010	<.001	<.03
2011	<.001	<.03
2012	<.001	<.03
2013	<.001	<.03
2014	<.001	<.03
2015	<.001	<.03
2016	<.001	<.03

21 **Splits**

Std OxL78	0.170	5.829
Blank	<.001	<.03

Certified Assayer:

PolyMet Labs
A Division of Polymet Resources Ltd.

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Tel: (705) 679-5500 • Fax: (705) 679-5519
Email: info@polymetinc.com Website: www.polymetinc.com

Certificate of Analysis

Queenston Mining Inc.
(Vault Division)

We certify that the assay results in the following Certificates are factual and true.

Certificate #'s 10011, 10012, 10013, 10014, & 10015

Certified by: _____
Chief Assayer

Certified by: _____
President/Manager

Date: May 3, 2011

Disclaimer: The results included on this report relate only to the items tested. The Certificate of Analysis should not be reproduced except in full, without the written approval of the laboratory.

PolyMet Laboratories

Client: Queenston (Vault Div.)

CERTIFICATE **10011**

Job No. 0-155

Date:
May 2, 2011

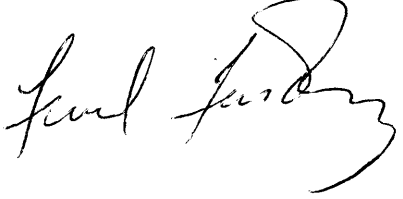
Splits

Sample #	**Au Oz/ton**	**g/tonne**
30268	0.002	0.069
30269	<.001	<.03
30270	0.158	5.417
30271	<.001	<.03
30272	Pend	
30273	0.006	0.206
30274	<.001	<.03
30275	<.001	<.03
30276	<.001	<.03
30277	<.001	<.03
30278	0.016	0.549
30279	Pend	
30280	0.004	0.137
30281	<.001	<.03
30282	0.022	0.754
30283	<.001	<.03
30284	<.001	<.03
30285	<.001	<.03
30286	<.001	<.03
30287	<.001	<.03
30288	0.018	0.617

19 **Splits**
2 **Pend**

Std OxL78	0.164	5.623
Blank	<.001	<.03

Certified Assayer:



PolyMet Laboratories

Client: Queenston (Vault Div.)

CERTIFICATE **10012**

Job No. 0-155

Date:
May 2, 2011

Splits

Sample #	**Au Oz/ton**	**g/tonne**
30289	0.020	0.686
30290	<.001	<.03
30291	0.008	0.274
30292	<.001	<.03
30293	0.166	5.691
30294	<.001	<.03
30295	<.001	<.03
30296	<.001	<.03
30297	<.001	<.03
30298	<.001	<.03
30299	<.001	<.03
30300	<.001	<.03
30301	<.001	<.03
30302	<.001	<.03
30303	<.001	<.03
30304	Pend	
30305	Pend	
30306	Pend	
30307	Pend	
30308	<.001	<.03
30309	Pend	
30310	0.006	0.206

17 **Splits**
5 **Pend**

Std OxL78	0.164	5.623
Blank	<.001	<.03

Certified Assayer:

PolyMet Laboratories

		Client:	Queenston (Vault Div.)
CERTIFICATE	**10013**	Job No.	0-155

Date:
May 2, 2011

	Original		**Check**	
Sample #	**Au Oz/ton**	**g/tonne**	**Au Oz/ton**	**g/tonne**
30272	0.270	9.257	0.286	9.806
30279	0.050	1.714	0.038	1.303
30304	0.082	2.811	0.078	2.674
30305	0.048	1.646	0.044	1.509
30306	0.046	1.577	0.036	1.234
30307	0.040	1.371	0.036	1.234
30309	0.066	2.263	0.054	1.851

7 + 14

Certified Assayer:

PolyMet Laboratories

Client: Queenston (Vault Div.)

CERTIFICATE **10014**

Job No. 0-155

Date:
May 2, 2011

Splits

Sample #	**Au Oz/ton**	**g/tonne**
30311	0.010	0.343
30312	0.018	0.617
30313	Pend	
30314	Pend	
30315	Pend	
30316	Pend	
30317	Pend	
30318	Pend	
30319	Pend	
30320	0.018	0.617
30321	Pend	
30322	0.010	0.343

			4 **Splits**
Std OxL78	0.172	5.897	8 **Pend**
Blank	<.001	<.03	

Certified Assayer:

PolyMet Laboratories

Client: Queenston (Vault Div.)

CERTIFICATE **10015** Job No. 0-155

Date: May 2, 2011

	Original		**Check**	
Sample #	**Au Oz/ton**	**g/tonne**	**Au Oz/ton**	**g/tonne**
30313	0.076	2.606	0.102	3.497
30314	0.074	2.537	0.076	2.606
30315	0.062	2.126	0.058	1.989
30316	0.042	1.440	0.046	1.577
30317	0.052	1.783	0.050	1.714
30318	0.034	1.166	0.032	1.097
30319	0.058	1.989	0.062	2.126
30321	0.062	2.126	0.058	1.989

8 + 16

Certified Assayer:

PolyMet Labs
A Division of Polymet Resources Ltd.

1 Presley St, P.O. Box 699, Cobalt, Ontario, Canada P0J 1C0
Tel: (705) 679-5500 • Fax: (705) 679-5519
Email: info@polymetinc.com Website: www.polymetinc.com

Certificate of Analysis

Queenston Mining Inc.
(Lebel Project)

We certify that the assay results in the following Certificates are factual and true.

Certificate #'s 10071, 10072, 10073, 10074, 10075, 10076, 10077, 10078, & 10079

Certified by: _____
Chief Assayer

Certified by: _____
President/Manager

Date: May 11, 2011

Disclaimer: The results included on this report relate only to the items tested. The Certificate of Analysis should not be reproduced except in full, without the written approval of the laboratory.

PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **10071**

Job No. 0-155

Date:
May 11, 2011

Splits

Sample #	**Au Oz/ton**	**g/tonne**
0141	<.001	<.03
0142	<.001	<.03
0143	<.001	<.03
0144	Pend	
0145	<.001	<.03
0146	<.001	<.03
0147	0.002	0.069
0148	0.006	0.206
0149	0.054	1.851
0150	0.002	0.069
0151	0.002	0.069
0152	Pend	
0153	<.001	<.03
0154	<.001	<.03
0155	<.001	<.03
0156	<.001	<.03
0157	<.001	<.03
0158	<.001	<.03
0159	<.001	<.03
0160	<.001	<.03
0161	<.001	<.03
0162	<.001	<.03
0163	<.001	<.03
0191	0.016	0.549
0192	0.016	0.549
0193	0.010	0.343
0194	<.001	<.03
0195	0.048	1.646

26 **Splits**
2 **Pend**

Std OxL78	0.176	6.034
Blank	<.001	<.03

Certified Assayer:

PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **10072**

Job No. 0-155

Date:
May 11, 2011

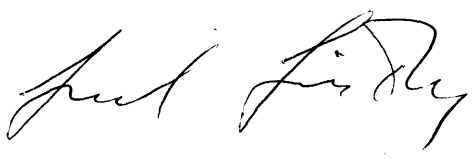
Splits

Sample #	**Au Oz/ton**	**g/tonne**
0196	<.001	<.03
0197	<.001	<.03
0198	0.002	0.069
0199	Pend	
0200	<.001	<.03
0201	Pend	
0202	<.001	<.03
0203	0.006	0.206
0204	<.001	<.03
0205	0.014	0.480
0206	0.002	0.069
0207	<.001	<.03
0208	0.018	0.617
0209	0.004	0.137
0210	<.001	<.03
0211	<.001	<.03
0212	<.001	<.03
0213	0.004	0.137
0214	<.001	<.03
0215	<.001	<.03
0216	0.002	0.069

19 **Splits**
2 **Pend**

Std OxL78	0.176	6.034
Blank	<.001	<.03

Certified Assayer:



PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **10073**

Job No. 0-155

Date:
May 11, 2011

Splits

Sample #	**Au Oz/ton**	**g/tonne**
0217	<.001	<.03
0218	0.002	0.069
0219	0.002	0.069
0220	0.165	5.657
0221	<.001	<.03
0222	0.002	0.069
0223	<.001	<.03
0224	<.001	<.03
0225	<.001	<.03
0226	<.001	<.03
0227	<.001	<.03
0228	<.001	<.03
0229	<.001	<.03
0230	<.001	<.03
0231	0.002	0.069
0232	<.001	<.03
0233	<.001	<.03
0234	<.001	<.03
0235	<.001	<.03
0236	<.001	<.03
2337	<.001	<.03
2338	<.001	<.03

22 **Splits**

Std OxL78	0.176	6.034
Blank	<.001	<.03

Certified Assayer:

PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **10074**

Job No. 0-155

Date:
May 11, 2011

Splits

Sample #	**Au Oz/ton**	**g/tonne**
2339	<.001	<.03
2340	<.001	<.03
2341	<.001	<.03
2342	<.001	<.03
2343	<.001	<.03
2344	<.001	<.03
2345	0.168	5.760
2346	0.002	0.069
2347	<.001	<.03
2348	<.001	<.03
2349	0.012	0.411
2350	<.001	<.03
2351	0.002	0.069
2352	<.001	<.03
2353	0.002	0.069
2354	<.001	<.03
2355	Pend	
2356	<.001	<.03
2357	<.001	<.03
2358	<.001	<.03
2359	0.002	0.069
2360	<.001	<.03

21 **Splits**
1 **Pend**

Std OxL78	0.178	6.103
Blank	<.001	<.03

Certified Assayer:

PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **10075**

Job No. 0-155

Date:
May 11, 2011

Splits

Sample #	**Au Oz/ton**	**g/tonne**
2361	<.001	<.03
2362	<.001	<.03
2363	0.002	0.069
2364	<.001	<.03
2365	<.001	<.03
2366	<.001	<.03
2367	<.001	<.03
2368	0.049	1.680
2369	<.001	<.03
2370	<.001	<.03
2371	<.001	<.03
2372	0.002	0.069
2373	0.016	0.549
2374	<.001	<.03
2375	0.002	0.069
2376	0.010	0.343
2377	<.001	<.03
2378	<.001	<.03
2379	<.001	<.03
2380	<.001	<.03
2381	<.001	<.03

21 **Splits**

Std OxL78	0.178	6.103
Blank	<.001	<.03

Certified Assayer:

PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **10076**

Job No. 0-155

Date:
May 11, 2011

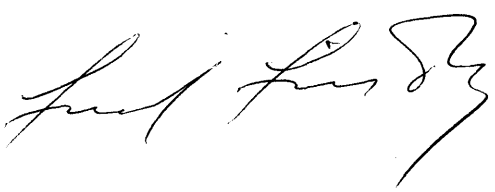
Splits

Sample #	**Au Oz/ton**	**g/tonne**
2382	<.001	<.03
2383	0.010	0.343
2384	<.001	<.03
2385	<.001	<.03
2386	<.001	<.03
2387	<.001	<.03
2388	<.001	<.03
2389	<.001	<.03
2390	<.001	<.03
2391	<.001	<.03
2392	<.001	<.03
2393	0.168	5.760
2394	<.001	<.03
2395	<.001	<.03
2396	<.001	<.03
2397	<.001	<.03
2398	0.026	0.891
2399	<.001	<.03
2400	<.001	<.03
2401	<.001	<.03
2402	<.001	<.03
2403	0.002	0.069

22 **Splits**

Std OxL78	0.172	5.897
Blank	<.001	<.03

Certified Assayer:



PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **10077**

Job No. 0-155

Date:
May 11, 2011

Splits

Sample #	**Au Oz/ton**	**g/tonne**
2404	<.001	<.03
2405	<.001	<.03
2406	<.001	<.03
2407	<.001	<.03
2408	0.002	0.069
2409	<.001	<.03
2410	<.001	<.03
2411	<.001	<.03
2412	<.001	<.03
2413	0.049	1.680
2414	<.001	<.03
2415	<.001	<.03
2416	<.001	<.03
2417	<.001	<.03
2418	<.001	<.03
2419	<.001	<.03
2420	<.001	<.03
2421	<.001	<.03
2422	<.001	<.03
2423	<.001	<.03
2424	0.163	5.589
2425	<.001	<.03

22 **Splits**

Std OxL78	0.172	5.897
Blank	<.001	<.03

Certified Assayer:

PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **10078**

Job No. 0-155

Date:
May 11, 2011

Splits

Sample #	**Au Oz/ton**	**g/tonne**
2426	<.001	<.03
2427	Pend	
2428	Pend	
2429	<.001	<.03
2430	0.006	0.206
2431	<.001	<.03
2432	<.001	<.03
2433	<.001	<.03
2434	<.001	<.03
2435	<.001	<.03
2436	0.012	0.411
2437	0.016	0.549
2438	0.006	0.206
2439	<.001	<.03
2440	<.001	<.03
2441	0.004	0.137

14 **Splits**
2 **Pend**

Std OxL78	0.176	6.034
Blank	<.001	<.03

Certified Assayer:



PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **10079**

Job No. 0-155

Date:
May 11, 2011

	Original		Check	
Sample #	**Au Oz/ton**	**g/tonne**	**Au Oz/ton**	**g/tonne**
0144	0.076	2.606	0.100	3.429
0152	0.058	1.989	0.060	2.057
0199	0.088	3.017	0.118	4.046
0201	0.042	1.440	0.096	3.291
2355	0.060	2.057	0.064	2.194
2427	0.080	2.743	0.076	2.606
2428	0.080	2.743	0.064	2.194

7 + 14

Certified Assayer:

PolyMet Labs
A Division of Polymet Resources Ltd.

1 Presley St, P.O. Box 699, Cobalt, Ontario, Canada P0J 1C0
Tel: (705) 679-5500 • Fax: (705) 679-5519
Email: info@polymetinc.com Website: www.polymetinc.com

Certificate of Analysis

Queenston Mining Inc.
(Lebel Project)

We certify that the assay results in the following Certificates are factual and true.

Certificate #'s 10110, 10111, 10112, 10113, 10114, 10115, 10116, 10117, 10118, 10119, 10120, 10121, & 10122

Certified by: _____
Chief Assayer

Certified by: _____
President/Manager

Date: May 16, 2011

Disclaimer: The results included on this report relate only to the items tested. The Certificate of Analysis should not be reproduced except in full, without the written approval of the laboratory.

PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **10110**

Job No. 0-155

Date:
May 16, 2011

Splits

Sample #	**Au Oz/ton**	**g/tonne**
0237	<.001	<.03
0238	0.004	0.137
0239	<.001	<.03
0240	<.001	<.03
0241	<.001	<.03
0242	<.001	<.03
0243	<.001	<.03
0244	<.001	<.03
0245	0.160	5.486
0246	<.001	<.03
0247	<.001	<.03
0248	<.001	<.03
0249	<.001	<.03
0250	<.001	<.03
0251	<.001	<.03
0252	<.001	<.03
0253	<.001	<.03
0254	Pend	
0255	0.012	0.411
0256	Pend	

18 **Splits**
2 **Pend**

Std OxL78	0.174	5.966
Blank	<.001	<.03

Certified Assayer:

PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **10111**

Job No. 0-155

Date:
May 16, 2011

Splits

Sample #	**Au Oz/ton**	**g/tonne**
0257	<.001	<.03
0258	Pend	
0259	Pend	
0260	0.004	0.137
0164	<.001	<.03
0165	0.010	0.343
0166	0.024	0.823
0167	<.001	<.03
0168	Pend	
0169	<.001	<.03
0170	0.010	0.343
0171	0.049	1.680
0172	<.001	<.03
0173	0.010	0.343
0174	<.001	<.03
0175	0.024	0.823
0176	Pend	
0177	Pend	
0178	<.001	<.03
0179	<.001	<.03
0180	<.001	<.03
0181	<.001	<.03

17 **Splits**
5 **Pend**

Std OxL78	0.176	6.034
Blank	<.001	<.03

Certified Assayer:

PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **10112**

Job No. 0-155

Date:
May 16, 2011

Splits

Sample #	**Au Oz/ton**	**g/tonne**
0182	<.001	<.03
0183	<.001	<.03
0184	<.001	<.03
0185	<.001	<.03
0186	Pend	
0187	0.022	0.754
0188	0.008	0.274
0189	Pend	
0190	<.001	<.03
54994	<.001	<.03
0261	0.012	0.411
0262	Pend	
0263	<.001	<.03
0264	<.001	<.03
0265	<.001	<.03
0266	<.001	<.03
0267	<.001	<.03
0268	<.001	<.03
0269	<.001	<.03
0270	0.159	<.03
0271	<.001	<.03
0272	<.001	<.03

19 **Splits**
3 **Pend**

Std OxL78	0.176	6.034
Blank	<.001	<.03

Certified Assayer:



PolyMet Laboratories

CERTIFICATE **10113**

Client: Queenston (Lebel Project)
Job No. 0-155

Date:
May 16, 2011

Sample #	Original Au Oz/ton	Original g/tonne	Check Au Oz/ton	Check g/tonne
0254	0.040	1.371	0.038	1.303
0256	0.326	11.177	0.386	13.234
0258	0.068	2.331	0.068	2.331
0259	0.038	1.303	0.032	1.097
0168	0.032	1.097	0.036	1.234
0176	0.036	1.234	0.032	1.097
0177	0.088	3.017	0.122	4.183
0186	0.050	1.714	0.042	1.440
0189	0.072	2.469	0.076	2.606
0262	0.112	3.840	0.158	5.417

10 + 20

Certified Assayer:

PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **10114**

Job No. 0-155

Date:
May 16, 2011

Splits

Sample #	**Au Oz/ton**	**g/tonne**
0273	<.001	<.03
0274	<.001	<.03
0275	<.001	<.03
0276	<.001	<.03
0277	<.001	<.03
0278	<.001	<.03
0279	<.001	<.03
0280	<.001	<.03
0281	0.004	0.137
0282	0.002	0.069
0283	0.002	0.069
0284	<.001	<.03
0285	<.001	<.03
0286	0.006	0.206
0287	<.001	<.03
0288	0.004	0.137
0289	0.002	0.069
0290	0.012	0.411
0291	0.008	0.274
0292	<.001	<.03
0293	<.001	<.03

21 **Splits**

Std OxL78	0.174	5.966
Blank	<.001	<.03

Certified Assayer:

PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **10115**

Job No. 0-155

Date:
May 16, 2011

Splits

Sample #	**Au Oz/ton**	**g/tonne**
0294	<.001	<.03
0295	<.001	<.03
0296	0.049	1.680
0297	<.001	<.03
0298	<.001	<.03
0299	<.001	<.03
0300	<.001	<.03
0301	<.001	<.03
0302	<.001	<.03
0303	<.001	<.03
0304	0.006	0.206
0305	0.006	0.206
0306	0.002	0.069
0307	0.010	0.343
0308	Pend	
0309	<.001	<.03
0310	Pend	
0311	Pend	
0312	Pend	
0313	0.018	0.617
0314	Pend	
0315	0.018	0.617

17 **Splits**
5 **Pend**

Std OxL78	0.174	5.966
Blank	<.001	<.03

Certified Assayer:

PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **10116**

Job No. 0-155

Date:
May 16, 2011

Splits

Sample #	**Au Oz/ton**	**g/tonne**
0316	<.001	<.03
0317	0.018	0.617
0318	Pend	
0319	0.024	0.823
0320	Pend	
0321	Pend	
0322	Pend	
0323	Pend	
0324	Pend	
0325	Pend	
0326	Pend	
0327	Pend	
0328	Pend	
0329	Pend	
0330	<.001	<.03
0331	Pend	
0332	<.001	<.03
0333	<.001	<.03
0334	0.166	5.691
0335	<.001	<.03
0336	<.001	<.03

9 **Splits**
12 **Pend**

Std OxL78	0.178	6.103
Blank	<.001	<.03

Certified Assayer:

PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **10117**

Job No. 0-155

Date:
May 16, 2011

Splits

Sample #	**Au Oz/ton**	**g/tonne**
0337	0.008	0.274
2442	<.001	<.03
2443	<.001	<.03
2444	<.001	<.03
2445	<.001	<.03
2446	<.001	<.03
2447	<.001	<.03
2448	0.004	0.137
2449	0.051	1.749
2450	Pend	
2451	Pend	
2452	<.001	<.03
2453	<.001	<.03
2454	<.001	<.03
2455	<.001	<.03
2456	<.001	<.03
2457	<.001	<.03
2458	0.004	0.137
2459	<.001	<.03
2460	0.016	0.549
2461	0.004	0.137
2462	0.002	0.069

20 **Splits**
2 **Pend**

Std OxL78	0.178	6.103
Blank	<.001	<.03

Certified Assayer:

PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **10118**

Job No. 0-155

Date:
May 16, 2011

Splits

Sample #	**Au Oz/ton**	**g/tonne**
2463	0.004	0.137
2464	0.004	0.137
2465	<.001	<.03
2466	<.001	<.03
2467	0.006	0.206
2468	<.001	<.03
2469	<.001	<.03
2470	0.006	0.206
2471	<.001	<.03
2472	<.001	<.03
2473	<.001	<.03
2474	<.001	<.03
2475	<.001	<.03
2476	<.001	<.03
2477	<.001	<.03
2478	Pend	
2479	0.010	0.343
2480	<.001	<.03
2481	0.165	5.657
2482	0.018	0.617
2483	<.001	<.03
2484	<.001	<.03

21 **Splits**
1 **Pend**

Std OxL78	0.174	5.966
Blank	<.001	<.03

Certified Assayer:

PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **10119**

Job No. 0-155

Date:
May 16, 2011

Splits

Sample #	**Au Oz/ton**	**g/tonne**
2485	<.001	<.03
2486	0.010	0.343
2487	<.001	<.03
2488	<.001	<.03
2489	<.001	<.03
2490	<.001	<.03
2491	<.001	<.03
2492	<.001	<.03
2493	<.001	<.03
2494	<.001	<.03
2495	<.001	<.03
2496	<.001	<.03
2497	<.001	<.03
2498	0.026	0.891
2499	<.001	<.03
2500	0.006	0.206
0551	<.001	<.03
0552	<.001	<.03
0553	0.012	0.411
0554	<.001	<.03
0555	<.001	<.03

21 **Splits**

Std OxL78	0.174	5.966
Blank	<.001	<.03

Certified Assayer:

PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **10120**

Job No. 0-155

Date:
May 16, 2011

Splits

Sample #	**Au Oz/ton**	**g/tonne**
0556	<.001	<.03
0557	0.051	1.749
0558	<.001	<.03
0559	<.001	<.03
0560	<.001	<.03
0561	<.001	<.03
0562	<.001	<.03
0563	<.001	<.03
0564	<.001	<.03
0565	0.022	0.754
0566	<.001	<.03
0567	<.001	<.03
0568	<.001	<.03
0569	<.001	<.03
0570	<.001	<.03
0571	<.001	<.03
0572	<.001	<.03
0573	<.001	<.03
0574	<.001	<.03
0575	<.001	<.03
0576	<.001	<.03
0577	<.001	<.03

22 **Splits**

Std OxL78	0.174	5.966
Blank	<.001	<.03

Certified Assayer:



PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **10121**

Job No. 0-155

Date:
May 16, 2011

Splits

Sample #	**Au Oz/ton**	**g/tonne**
0578	<.001	<.03
0579	<.001	<.03
0580	<.001	<.03
0581	<.001	<.03
0582	<.001	<.03
0583	<.001	<.03
0584	<.001	<.03
0585	<.001	<.03
0586	<.001	<.03
0587	<.001	<.03
0588	<.001	<.03
0589	<.001	<.03
0590	<.001	<.03
0591	0.160	5.486
0592	<.001	<.03
0593	<.001	<.03
0594	<.001	<.03
0595	<.001	<.03

18 **Splits**

Std OxL78	0.174	5.966
Blank	<.001	<.03

Certified Assayer:

PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **10122**

Job No. 0-155

Date:
May 16, 2011

	Original		Check	
Sample #	**Au Oz/ton**	**g/tonne**	**Au Oz/ton**	**g/tonne**
0308	0.092	3.154	0.122	4.183
0310	0.040	1.371	0.032	1.097
0311	0.036	1.234	0.042	1.440
0312	0.048	1.646	0.038	1.303
0314	0.048	1.646	0.046	1.577
0318	0.034	1.166	0.028	0.960
0320	0.072	2.469	0.084	2.880
0321	0.036	1.234	0.034	1.166
0322	0.078	2.674	0.090	3.086
0323	0.078	2.674	0.080	2.743
0324	0.036	1.234	0.030	1.029
0325	0.146	5.006	0.150	5.143
0326	0.032	1.097	0.030	1.029
0327	0.208	7.131	0.224	7.680
0328	0.082	2.811	0.060	2.057
0329	0.172	5.897	0.154	5.280
0331	0.034	1.166	0.028	0.960
2450	0.092	3.154	0.068	2.331
2451	0.046	1.577	0.034	1.166
2478	0.038	1.303	0.036	1.234

20 + 40

Certified Assayer:

PolyMet Labs
A Division of Polymet Resources Ltd.

1 Presley St, P.O. Box 699, Cobalt, Ontario, Canada P0J 1C0
Tel: (705) 679-5500 • Fax: (705) 679-5519
Email: info@polymetinc.com Website: www.polymetinc.com

Certificate of Analysis

Queenston Mining Inc.
(Lebel Project)

We certify that the assay results in the following Certificates are factual and true.

Certificate #'s 10176, 10177, 10178, 10179, & 10180

Certified by: _____
Assayer

Certified by: _____
President/Manager

Date: May 20, 2011

Disclaimer: The results included on this report relate only to the items tested. The Certificate of Analysis should not be reproduced except in full, without the written approval of the laboratory.

PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **10176**

Job No. 0-155

Date:
May 20, 2011

Splits

Sample #	**Au Oz/ton**	**g/tonne**
0338	0.014	0.480
0339	<.001	<.03
0340	<.001	<.03
0341	0.006	0.206
0342	<.001	<.03
0343	0.006	0.206
0344	0.008	0.274
0345	<.001	<.03
0346	0.020	0.686
0347	Pend	
0348	0.012	0.411
0349	Pend	
0350	Pend	

10 **Splits**
3 **Pend**

Std OxL78	0.176	6.034
Blank	<.001	<.03

Certified Assayer: Carla Johnson

PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **10177**

Job No. 0-155

Date:
May 20, 2011

Splits

Sample #	**Au Oz/ton**	**g/tonne**
0351	<.001	<.03
0352	Pend	
0353	Pend	
0354	<.001	<.03
0355	0.002	0.069
0356	Pend	
0357	<.001	<.03
0358	0.006	0.206
0359	0.050	1.714
0360	<.001	<.03
0361	0.020	0.686
0362	0.024	0.823
0363	Pend	
0364	<.001	<.03
0365	<.001	<.03
0366	<.001	<.03
0398	<.001	<.03
0596	<.001	<.03
0597	<.001	<.03
0598	<.001	<.03
0599	<.001	<.03

17 **Splits**
4 **Pend**

Std OxL78	0.174	5.966
Blank	<.001	<.03

Certified Assayer: Paula Johnson

PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **10178**

Job No. 0-155

Date:
May 20, 2011

Splits

Sample #	**Au Oz/ton**	**g/tonne**
0600	<.001	<.03
1401	<.001	<.03
1402	<.001	<.03
1403	<.001	<.03
1404	<.001	<.03
1405	<.001	<.03
1406	<.001	<.03
1407	<.001	<.03
1408	<.001	<.03
1409	<.001	<.03
1410	<.001	<.03
1411	<.001	<.03
1412	<.001	<.03
1413	<.001	<.03
1414	<.001	<.03
1415	<.001	<.03
1416	<.001	<.03
1417	<.001	<.03
1418	<.001	<.03
1419	<.001	<.03
1420	0.051	1.749
1421	<.001	<.03

22 **Splits**

Std OxL78	0.174	5.966
Blank	<.001	<.03

Certified Assayer: Carla Johnston

PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **10179**

Job No. 0-155

Date:
May 20, 2011

Splits

Sample #	**Au Oz/ton**	**g/tonne**
1422	<.001	<.03
1423	<.001	<.03
1424	<.001	<.03
1425	<.001	<.03
1426	<.001	<.03
1427	<.001	<.03
1428	<.001	<.03
1429	<.001	<.03
1430	<.001	<.03
1431	<.001	<.03
1432	<.001	<.03
1433	<.001	<.03
1434	Pend	
1435	0.008	0.274
1436	0.004	0.137

14 **Splits**
1 **Pend**

Std OxL78	0.178	6.103
Blank	<.001	<.03

Certified Assayer: Carla Johnson

PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **10180**

Job No. 0-155

Date: May 20, 2011

	Original		Check	
Sample #	**Au Oz/ton**	**g/tonne**	**Au Oz/ton**	**g/tonne**
0347	0.056	1.920	0.044	1.509
0349	0.052	1.783	0.048	1.646
0350	0.050	1.714	0.046	1.577
0352	0.054	1.851	0.052	1.783
0353	0.052	1.783	0.044	1.509
0356	0.094	3.223	0.090	3.086
0363	0.042	1.440	0.038	1.303

7 + 14

Certified Assayer: Carla Johnson

PolyMet Labs
A Division of Polymet Resources Inc.

1 Presley St. P.O. Box 699, Cobalt, Ontario, Canada P0J 1C0
Tel: (705) 679-5500 • Fax: (705) 679-5519
Email: info@polymetinc.com Website: www.polymetinc.com

Certificate of Analysis

Queenston Mining Inc.
(Lebel Project)

We certify that the assay results in the following Certificates are factual and true.

Certificate #'s 10272, 10273, & 10274

Certified by: _____
Chief Assayer

Certified by: _____
President/Manager

Date: June 1, 2011

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PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **10272**

Job No. 0-155

Date:
June 1, 2011

Splits

Sample #	**Au Oz/ton**	**g/tonne**
0437	0.022	0.754
0438	0.006	0.206
0439	0.002	0.069
0440	0.004	0.137
0441	0.016	0.549
0442	0.010	0.343
0443	0.002	0.069
0444	<.001	<.03
0445	<.001	<.03
0446	Pend	
0447	0.022	0.754
0448	0.020	0.686
0449	<.001	<.03
0450	<.001	<.03
0451	0.022	0.754
0452	Pend	
0453	0.008	0.274
0454	Pend	
0455	0.026	0.891
0456	0.052	1.783
0457	Pend	
0458	0.028	0.960
0459	0.024	0.823
0460	0.006	0.206
0461	0.006	0.206
0462	0.004	0.137
0463	0.018	0.617
0464	Pend	

23 **Splits**
5 **Pend**

Std OxL78	0.172	5.897
Blank	<.001	<.03

Certified Assayer:

PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **10273**

Job No. 0-155

Date:
June 1, 2011

Splits

Sample #	**Au Oz/ton**	**g/tonne**
0465	<.001	<.03
0466	0.014	0.480
0467	0.012	0.411
0468	0.004	0.137
0469	0.026	0.891
0470	0.028	0.960
0471	<.001	<.03
0472	0.004	0.137
0473	0.002	0.069
0474	0.018	0.617
0475	0.028	0.960
0476	<.001	<.03
0477	0.018	0.617
0478	<.001	<.03
0479	0.008	0.274
0480	Pend	
0481	<.001	<.03
0482	0.016	0.549
0483	<.001	<.03
0484	0.002	0.069
0485	0.004	0.137

20 **Splits**
1 **Pend**

Std OxL78	0.172	5.897
Blank	<.001	<.03

Certified Assayer:



PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **10274** Job No. 0-155

Date: June 1, 2011

	Original		Check	
Sample #	**Au Oz/ton**	**g/tonne**	**Au Oz/ton**	**g/tonne**
0446	0.056	1.920	0.052	1.783
0452	0.072	2.469	0.066	2.263
0454	0.036	1.234	0.038	1.303
0457	0.036	1.234	0.032	1.097
0464	0.040	1.371	0.040	1.371
0480	0.056	1.920	0.054	1.851

6 + 12

Certified Assayer:

PolyMet Labs
A Division of Polymet Resources Inc.

1 Presley St. P.O. Box 699. Cobalt. Ontario. Canada P0J 1C0
Tel: (705) 679-5500 • Fax: (705) 679-5519
Email: info@polymetinc.com Website: www.polymetinc.com

Certificate of Analysis

Queenston Mining Inc.
(Lebel Project)

We certify that the assay results in the following Certificates are factual and true.

Certificate #'s 10275, 10276, 10277, 10278, 10279, 10280, 10281, 10282, & 10283

Certified by: _____
Chief Assayer

Certified by: _____
President/Manager

Date: June 1, 2011

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PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **10275**

Job No. 0-155

Date:
June 1, 2011

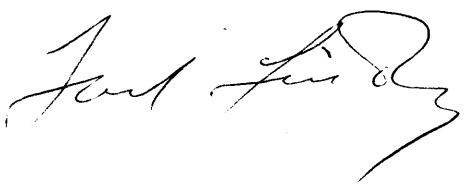
Splits

Sample #	**Au Oz/ton**	**g/tonne**
0486	0.016	0.549
0487	<.001	<.03
0488	<.001	<.03
0489	0.008	0.274
0490	0.028	0.960
0491	0.140	4.800
0492	<.001	<.03
0493	<.001	<.03
0494	<.001	<.03
0495	Pend	
0496	Pend	
0497	Pend	
0498	<.001	<.03
0499	Pend	
0500	<.001	<.03
0501	0.002	0.069
0502	<.001	<.03
0503	0.002	0.069
0504	0.004	0.137
0505	0.002	0.069
0506	0.002	0.069
0507	0.008	0.274

18 **Splits**
4 **Pend**

Std OxL78	0.172	5.897
Blank	<.001	<.03

Certified Assayer:



PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **10276**

Job No. 0-155

Date:
June 1, 2011

Splits

Sample #	**Au Oz/ton**	**g/tonne**
0508	<.001	<.03
0509	0.004	0.137
0510	<.001	<.03
0511	<.001	<.03
0512	<.001	<.03
0513	<.001	<.03
0514	<.001	<.03
0515	0.048	1.646
0516	<.001	<.03
0517	<.001	<.03
0518	<.001	<.03
0519	Pend	
0520	0.020	0.686
0521	0.002	0.069
0522	0.002	0.069
0523	<.001	<.03
0524	<.001	<.03
0525	<.001	<.03
0526	<.001	<.03
0527	<.001	<.03
0528	<.001	<.03
0529	<.001	<.03

21 **Splits**
1 **Pend**

Std OxL78	0.172	5.897
Blank	<.001	<.03

Certified Assayer:

PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **10277**

Job No. 0-155

Date:
June 1, 2011

Splits

Sample #	**Au Oz/ton**	**g/tonne**
0530	0.002	0.069
0531	<.001	<.03
0532	0.004	0.137
0533	<.001	<.03
0534	<.001	<.03
0535	Pend	
0536	<.001	<.03
0537	<.001	<.03
0538	0.002	0.069
0539	<.001	<.03
0540	0.152	5.211
0541	0.002	0.069
0542	<.001	<.03
0543	0.002	0.069
0544	<.001	<.03
0545	0.016	0.549
0546	0.018	0.617
0547	0.024	0.823
0548	0.010	0.343
0549	0.004	0.137
0550	0.002	0.069

20 **Splits**
1 **Pend**

Std OxL78	0.174	5.966
Blank	<.001	<.03

Certified Assayer:

PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **10278**

Job No. 0-155

Date:
June 1, 2011

Splits

Sample #	**Au Oz/ton**	**g/tonne**
0601	0.006	0.206
0602	<.001	<.03
0603	0.010	0.343
0604	0.002	0.069
0605	Pend	
0606	Pend	
0607	Pend	
0608	Pend	
0609	<.001	<.03
0610	<.001	<.03
0611	<.001	<.03
1571	<.001	<.03
1572	<.001	<.03
1573	<.001	<.03
1574	<.001	<.03
1575	<.001	<.03
1576	<.001	<.03
1577	<.001	<.03
1578	0.004	0.137
1579	<.001	<.03
1580	0.002	0.069
1581	0.002	0.069

18 **Splits**
4 **Pend**

Std OxL78	0.174	5.966
Blank	<.001	<.03

Certified Assayer:



PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **10279**

Job No. 0-155

Date:
June 1, 2011

Splits

Sample #	**Au Oz/ton**	**g/tonne**
1582	0.002	0.069
1583	<.001	<.03
1584	0.141	4.834
1585	<.001	<.03
1586	<.001	<.03
1587	<.001	<.03
1588	0.002	0.069
1589	<.001	<.03
1590	0.006	0.206
1591	0.008	0.274
1592	<.001	<.03
1593	<.001	<.03
1594	<.001	<.03
1595	<.001	<.03
1596	0.004	0.137
1597	0.022	0.754
1598	0.002	0.069
1599	<.001	<.03
1600	<.001	<.03
1601	0.006	0.206
1602	<.001	<.03

21 **Splits**

Std OxL78	0.178	6.103
Blank	<.001	<.03

Certified Assayer:

PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **10280**

Job No. 0-155

Date:
June 1, 2011

Splits

Sample #	**Au Oz/ton**	**g/tonne**
1603	<.001	<.03
1604	<.001	<.03
1605	0.002	0.069
1606	<.001	<.03
1607	<.001	<.03
1608	<.001	<.03
1609	<.001	<.03
1610	<.001	<.03
1611	0.048	1.646
1612	<.001	<.03
1613	<.001	<.03
1614	0.008	0.274
1615	0.026	0.891
1616	<.001	<.03
1617	Pend	
1618	0.006	0.206
1619	<.001	<.03
1620	<.001	<.03
1621	<.001	<.03
1622	0.010	0.343
1623	<.001	<.03
1624	<.001	<.03

21 **Splits**
1 **Pend**

Std OxL78	0.178	6.103
Blank	<.001	<.03

Certified Assayer:

PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **10281**

Job No. 0-155

Date:
June 1, 2011

Splits

Sample #	**Au Oz/ton**	**g/tonne**
1625	0.012	0.411
1626	<.001	<.03
1627	<.001	<.03
1628	0.012	0.411
1629	Pend	
1630	<.001	<.03
1631	<.001	<.03
1632	<.001	<.03
1633	0.002	0.069
1634	0.004	0.137
1635	<.001	<.03
1637	<.001	<.03
1638	<.001	<.03
1639	0.002	0.069
1640	Pend	
1641	<.001	<.03
1642	0.006	0.206
1643	0.146	5.006
1644	0.028	0.960
1645	<.001	<.03
1646	0.010	0.343
1647	0.012	0.411

20 **Splits**
2 **Pend**

Std OxL78	0.176	6.034
Blank	<.001	<.03

Certified Assayer:

PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **10282**

Job No. 0-155

Date:
June 1, 2011

Splits

Sample #	**Au Oz/ton**	**g/tonne**
1648	0.010	0.343
1649	<.001	<.03
1650	<.001	<.03
1651	Pend	
1652	0.002	0.069
1653	0.008	0.274
1654	<.001	<.03
1655	0.002	0.069
1656	0.028	0.960
1657	0.004	0.137
1658	0.008	0.274
1659	<.001	<.03
1660	0.002	0.069
1661	<.001	<.03
1662	<.001	<.03
1663	<.001	<.03
1664	<.001	<.03
1665	0.051	1.749
1666	0.006	0.206
1667	<.001	<.03
1668	0.004	0.137

20 **Splits**
1 **Pend**

Std OxL78	0.176	6.034
Blank	<.001	<.03

Certified Assayer:

PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **10283**

Job No. 0-155

Date: June 1, 2011

	Original		Check	
Sample #	**Au Oz/ton**	**g/tonne**	**Au Oz/ton**	**g/tonne**
0495	0.124	4.251	0.146	5.006
0496	0.056	1.920	0.060	2.057
0497	0.038	1.303	0.036	1.234
0499	0.064	2.194	0.060	2.057
0519	0.220	7.543	0.200	6.857
0535	0.042	1.440	0.046	1.577
0605	0.058	1.989	0.074	2.537
0606	0.034	1.166	0.052	1.783
0607	0.112	3.840	0.124	4.251
0608	0.088	3.017	0.102	3.497
1617	0.034	1.166	0.032	1.097
1629	0.050	1.714	0.046	1.577
1640	0.038	1.303	0.042	1.440
1651	0.082	2.811	0.074	2.537

14 + 28

Certified Assayer:

PolyMet Labs
A Division of Polymet Resources Inc.

1 Presley St. P.O. Box 699, Cobalt, Ontario, Canada P0J 1C0
Tel: (705) 679-5500 • Fax: (705) 679-5519
Email: info@polymetinc.com Website: www.polymetinc.com

Certificate of Analysis

Queenston Mining Inc.
(Lebel Project)

We certify that the assay results in the following Certificates are factual and true.

Certificate #'s 10284, 10285, & 10286

Certified by: _____
Chief Assayer

Certified by: _____
President/Manager

Date: June 1, 2011

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PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **10284**

Job No. 0-155

Date:
June 1, 2011

Splits

Sample #	**Au Oz/ton**	**g/tonne**
1669	<.001	<.03
1670	0.004	0.137
1671	Pend	
1672	<.001	<.03
1673	0.008	0.274
1674	<.001	<.03
1675	<.001	<.03
1676	<.001	<.03
1677	0.002	0.069
1678	0.002	0.069
1679	0.004	0.137
1680	<.001	<.03
1681	<.001	<.03
1682	0.002	0.069
1683	0.004	0.137
1684	<.001	<.03
1685	0.008	0.274
1686	<.001	<.03
1687	<.001	<.03
1688	<.001	<.03
1689	<.001	<.03
1690	0.160	5.486

21 **Splits**
1 **Pend**

Std OxL78	0.178	6.103
Blank	<.001	<.03

Certified Assayer:



PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **10285**

Job No. 0-155

Date:
June 1, 2011

Splits

Sample #	**Au Oz/ton**	**g/tonne**
1691	0.024	0.823
1692	<.001	<.03
1693	0.014	0.480
1694	<.001	<.03
1695	0.006	0.206
1696	<.001	<.03
1697	<.001	<.03
1698	<.001	<.03
1699	<.001	<.03
1700	0.002	0.069
3601	<.001	<.03
3602	<.001	<.03
3603	<.001	<.03
3604	<.001	<.03
3605	<.001	<.03
3606	<.001	<.03
3607	0.006	0.206
3608	<.001	<.03
3609	0.004	0.137
3610	<.001	<.03
3611	<.001	<.03
3612	0.048	1.646

22 **Splits**

Std OxL78	0.178	6.103
Blank	<.001	<.03

Certified Assayer:

PolyMet Laboratories

		Client:	Queenston (Lebel Project)
CERTIFICATE	**10286**	Job No.	0-155

Date:
June 1, 2011

	Original		**Check**	
Sample #	**Au Oz/ton**	**g/tonne**	**Au Oz/ton**	**g/tonne**
1671	0.050	1.714	0.054	1.851

1 + 2

Certified Assayer:

PolyMet Labs
A Division of Polymet Resources Inc.

1 Presley St, P.O. Box 699, Cobalt, Ontario, Canada P0J 1C0
Tel: (705) 679-5500 • Fax: (705) 679-5519
Email: info@polymetinc.com Website: www.polymetinc.com

Certificate of Analysis

Queenston Mining Inc.
(Lebel Project)

We certify that the assay results in the following Certificates are factual and true.

Certificate #'s 10356, 10357, 10358, 10359, 10360, 10361, 10362, 10363, & 10376

Certified by: _____
Chief Assayer

Certified by: _____
President/Manager

Date: June 13, 2011

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PolyMet Laboratories

CERTIFICATE **10356**

Client: Queenston (Lebel Project)
Job No. 0-155

Date:
June 9, 2011

Splits

Sample #	**Au Oz/ton**	**g/tonne**
0801	<.001	<.03
0802	0.012	0.411
0803	Pend	
0804	Pend	
0805	Pend	
0806	Pend	
0807	Pend	
0808	Pend	
0809	Pend	
0810	<.001	<.03
0811	Pend	
0812	<.001	<.03
0813	0.154	5.280
0814	0.010	0.343
0815	0.002	0.069
0816	0.010	0.343
0817	<.001	<.03
0818	0.002	0.069

Std OxL78	0.178	6.103
Blank	<.001	<.03

10 **Splits**
8 **Pend**

Certified Assayer:

PolyMet Laboratories

CERTIFICATE **10357**

Client: Queenston (Lebel Project)
Job No. 0-155

Date:
June 9, 2011

Splits

Sample #	**Au Oz/ton**	**g/tonne**
0819	<.001	<.03
0820	<.001	<.03
0821	<.001	<.03
0822	0.016	0.549
0823	0.018	0.617
0824	0.016	0.549
0825	<.001	<.03
0826	<.001	<.03
0827	<.001	<.03
0828	Pend	
0829	0.018	0.617
0830	0.004	0.137
0831	0.010	0.343
0832	<.001	<.03
0833	Pend	
0834	<.001	<.03
0835	<.001	<.03
0836	<.001	<.03
0837	<.001	<.03
0838	<.001	<.03
0839	0.052	1.783
0840	<.001	<.03

20 **Splits**
2 **Pend**

Std OxL78	0.178	6.103
Blank	<.001	<.03

Certified Assayer:

PolyMet Laboratories

Client: Queenston (Lebel Project)
Job No. 0-155

CERTIFICATE **10358**

Date:
June 9, 2011

Splits

Sample #	**Au Oz/ton**	**g/tonne**
0841	<.001	<.03
0842	<.001	<.03
0843	<.001	<.03
0844	<.001	<.03
0845	0.008	0.274
0846	0.008	0.274
0847	<.001	<.03
0848	0.002	0.069
0849	0.004	0.137
0850	<.001	<.03
0851	<.001	<.03
0852	0.006	0.206
0853	0.020	0.686
0854	<.001	<.03
0855	<.001	<.03
0856	0.002	0.069
0857	0.002	0.069
0858	<.001	<.03
0859	<.001	<.03
0860	<.001	<.03
0861	<.001	<.03
0862	<.001	<.03

22 **Splits**

Std OxL78	0.178	6.103
Blank	<.001	<.03

Certified Assayer:

PolyMet Laboratories

Client: Queenston (Lebel Project)
Job No. 0-155

CERTIFICATE **10359**

Date:
June 9, 2011

Splits

Sample #	**Au Oz/ton**	**g/tonne**
0863	<.001	<.03
0864	0.148	5.074
3845	0.010	0.343
3846	<.001	<.03
3847	<.001	<.03
3848	<.001	<.03
3849	<.001	<.03
3850	<.001	<.03
3851	<.001	<.03
3852	<.001	<.03
3853	<.001	<.03
3854	0.014	0.480
3855	<.001	<.03
3856	<.001	<.03
3857	<.001	<.03
3858	<.001	<.03
3859	0.161	5.520
3860	0.006	0.206
3861	<.001	<.03
3862	<.001	<.03
3863	<.001	<.03

21 **Splits**

Std OxL78	0.178	6.103
Blank	<.001	<.03

Certified Assayer:

PolyMet Laboratories

Client: Queenston (Lebel Project)
Job No. 0-155

CERTIFICATE **10360**

Date:
June 9, 2011

Splits

Sample #	**Au Oz/ton**	**g/tonne**
3864	Pend	
3865	0.002	0.069
3866	0.006	0.206
3867	<.001	<.03
3868	<.001	<.03
3869	<.001	<.03
3870	<.001	<.03
3871	<.001	<.03
3872	<.001	<.03
3873	<.001	<.03
3874	<.001	<.03
3875	<.001	<.03
3876	<.001	<.03
3877	0.004	0.137
3878	0.016	0.549
3879	<.001	<.03
3880	<.001	<.03
3881	<.001	<.03
3882	<.001	<.03
3883	<.001	<.03
3884	<.001	<.03
3885	<.001	<.03

21 **Splits**

Std OxL78	0.180	6.171	1
Blank	<.001	<.03	

Certified Assayer:

PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **10361**

Job No. 0-155

Date:
June 9, 2011

Splits

Sample #	**Au Oz/ton**	**g/tonne**
3886	0.050	1.714
3887	0.010	0.343
3888	<.001	<.03
3889	0.008	0.274
3890	0.004	0.137
3891	<.001	<.03
3892	<.001	<.03
3893	<.001	<.03
3894	0.028	0.960
3895	0.008	0.274
3896	<.001	<.03
3897	<.001	<.03
3898	<.001	<.03
3899	<.001	<.03
3900	0.016	0.549
3901	<.001	<.03
3902	<.001	<.03
3903	0.010	0.343
3904	0.002	0.069
3905	<.001	<.03
3906	<.001	<.03

21 Splits

Std OxL78	0.176	6.034
Blank	<.001	<.03

Certified Assayer:

PolyMet Laboratories

Client: Queenston (Lebel Project)
Job No. 0-155

CERTIFICATE **10362**

Date:
June 9, 2011

Splits

Sample #	**Au Oz/ton**	**g/tonne**
3907	0.002	0.069
3908	<.001	<.03
3909	<.001	<.03
3910	<.001	<.03
3911	<.001	<.03
3912	<.001	<.03
3913	0.161	5.520
3914	<.001	<.03
3915	<.001	<.03
3916	<.001	<.03
3917	<.001	<.03
3918	<.001	<.03

12 Splits

Std OxL78	0.180	6.171
Blank	<.001	<.03

Certified Assayer:

PolyMet Laboratories

CERTIFICATE **10363** Revised

Client: Queenston (Lebel Project)
Job No. 0-155

Date:
June 9, 2011

Sample #	Original Au Oz/ton	Original g/tonne	Check Au Oz/ton	Check g/tonne
0803	0.058	1.989	0.052	1.783
0804	0.056	1.920	0.054	1.851
0805	0.032	1.097	0.034	1.166
0806	0.100	3.429	0.102	3.497
0807	0.046	1.577	0.042	1.440
0808	0.034	1.166	0.024	0.823
0809	0.122	4.183	0.110	3.771
0811	0.144	4.937	0.094	3.223
0828	0.038	1.303	0.048	1.646
0833	0.072	2.469	0.076	2.606
3864	0.238	8.160	0.214	7.337

11 + 22

Certified Assayer:

PolyMet Laboratories

CERTIFICATE	**10376**	Client:	Queenston (Lebel Project)
		Job No.	0-155

Date:
June 13, 2011

	Original		**Check**	
Sample #	**Au Oz/ton**	**g/tonne**	**Au Oz/ton**	**g/tonne**
3651	0.428	14.674	0.366	12.549

1 + 2

Certified Assayer:

PolyMet Labs
A Division of Polymet Resources Inc.

1 Presley St, P.O. Box 699, Cobalt, Ontario, Canada P0J 1C0
Tel: (705) 679-5500 • Fax: (705) 679-5519
Email: info@polymetinc.com Website: www.polymetinc.com

Certificate of Analysis

Queenston Mining Inc.
(Lebel Project)

We certify that the assay results in the following Certificates are factual and true.

Certificate #'s 10411, 10412, 10413, 10414, 10415, 10416, 10417, 10418, 10419, & 10420

Certified by: _____
Chief Assayer

Certified by: _____
President/Manager

Date: June 17, 2011

Disclaimer: The results included on this report relate only to the items tested. The Certificate of Analysis should not be reproduced except in full, without the written approval of the laboratory.

PolyMet Laboratories

Client: Queenston (Lebel Project)
Job No. 0-155

CERTIFICATE **10411**

Date:
June 17, 2011

Splits

Sample #	**Au Oz/ton**	**g/tonne**
0865	<.001	<.03
0866	<.001	<.03
0867	<.001	<.03
0868	0.004	0.137
0869	0.018	0.617
0870	0.008	0.274
0877	0.008	0.274
0871	0.002	0.069
0872	<.001	<.03
0873	<.001	<.03
0874	<.001	<.03
0875	<.001	<.03
0876	<.001	<.03
0878	<.001	<.03
0879	0.006	0.206
0880	<.001	<.03
0881	<.001	<.03
0882	0.002	0.069
0883	0.010	0.343
0884	0.002	0.069
0885	0.006	0.206

21 **Splits**

Std OxL78	0.176	6.034
Blank	<.001	<.03

Certified Assayer: Carla Johnson

PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **10412**

Job No. 0-155

Date:
June 16, 2011

Splits

Sample #	**Au Oz/ton**	**g/tonne**
0886	<.001	<.03
0887	0.008	0.274
0888	0.012	0.411
0889	<.001	<.03
0890	0.049	1.680
0891	<.001	<.03
0892	0.002	0.069
0893	0.014	0.480
0894	<.001	<.03
0895	<.001	<.03
0896	Pend	
0897	<.001	<.03
0898	<.001	<.03
0899	<.001	<.03
0900	0.004	0.137
0901	0.010	0.343
0902	0.020	0.686
0903	<.001	<.03
0904	<.001	<.03
54995	0.012	0.411
54996	Pend	
54997	<.001	<.03

20 **Splits**
2 **Pend**

Std OxL78	0.172	5.897
Blank	<.001	<.03

Certified Assayer: Carla Johnson

PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **10413**

Job No. 0-155

Date:
June 16, 2011

Splits

Sample #	**Au Oz/ton**	**g/tonne**
54998	0.020	0.686
54999	Pend	
55000	Pend	
2501	0.004	0.137
2502	Pend	
2503	Pend	
2504	0.002	0.069
2505	Pend	
54871	0.002	0.069
54872	<.001	<.03
54877	<.001	<.03
54878	0.002	0.069
54879	<.001	<.03
54880	<.001	<.03
54881	<.001	<.03
54882	<.001	<.03
54883	0.004	0.137
54884	0.002	0.069
54885	0.018	0.617
54886	<.001	<.03
54887	0.028	0.960

16 **Splits**
5 **Pend**

Std OxL78	0.172	5.897
Blank	<.001	<.03

Certified Assayer: Carla Johnson

PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **10414**

Job No. 0-155

Date:
June 16, 2011

Splits

Sample #	**Au Oz/ton**	**g/tonne**
54888	0.022	0.754
54889	0.002	0.069
54890	0.004	0.137
54891	0.008	0.274
54892	<.001	<.03
54893	<.001	<.03
54894	<.001	<.03
54873	<.001	<.03
54874	<.001	<.03
54875	0.006	0.206
54876	0.008	0.274
3919	<.001	<.03
3920	<.001	<.03
3921	<.001	<.03
3922	<.001	<.03
3923	<.001	<.03
3924	<.001	<.03
3925	0.002	0.069
3926	<.001	<.03
3927	<.001	<.03
3928	<.001	<.03
3929	<.001	<.03

22 **Splits**

Std OxL78	0.176	6.034
Blank	<.001	<.03

Certified Assayer: Carla Johnson

PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **10415**

Job No. 0-155

Date:
June 16, 2011

Splits

Sample #	**Au Oz/ton**	**g/tonne**
3930	0.006	0.206
3931	<.001	<.03
3932	<.001	<.03
3933	<.001	<.03
3934	<.001	<.03
3935	<.001	<.03
3936	<.001	<.03
3937	<.001	<.03
3938	0.002	0.069
3939	<.001	<.03
3940	Pend	
3941	<.001	<.03
3942	<.001	<.03
3943	<.001	<.03
3944	<.001	<.03
3945	<.001	<.03
3946	<.001	<.03
3947	<.001	<.03
3948	<.001	<.03
3949	<.001	<.03
3950	0.051	1.749
3951	<.001	<.03

21 **Splits**
1 **Pend**

Std OxL78	0.176	6.034
Blank	<.001	<.03

Certified Assayer: Carla Johnson

PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **10416**

Job No. 0-155

Date:
June 16, 2011

Splits

Sample #	**Au Oz/ton**	**g/tonne**
3952	<.001	<.03
3953	0.006	0.206
3954	<.001	<.03
3955	<.001	<.03
3956	0.016	0.549
3957	0.024	0.823
3958	0.026	0.891
3959	0.024	0.823
3960	0.002	0.069
3961	0.008	0.274
3962	<.001	<.03
3963	<.001	<.03
3964	0.008	0.274
3965	0.002	0.069
3966	0.010	0.343
3967	<.001	<.03
3968	<.001	<.03
3969	<.001	<.03
3970	0.002	0.069
3971	<.001	<.03
3972	0.006	0.206

21 **Splits**

Std OxL78	0.176	6.034
Blank	<.001	<.03

Certified Assayer: Tarla Johnson

PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **10417**

Job No. 0-155

Date:
June 16, 2011

Splits

Sample #	**Au Oz/ton**	**g/tonne**
3973	<.001	<.03
3974	<.001	<.03
3975	<.001	<.03
3976	0.004	0.137
3977	<.001	<.03
3978	<.001	<.03
3979	0.002	0.069
3980	0.161	5.520
3981	0.016	0.549
3982	<.001	<.03
3983	<.001	<.03
3984	<.001	<.03
3985	<.001	<.03
3986	<.001	<.03
3987	<.001	<.03
3988	<.001	<.03
3989	<.001	<.03
3990	<.001	<.03
3991	<.001	<.03
3992	<.001	<.03
3993	<.001	<.03
3994	<.001	<.03

22 **Splits**

Std OxL78	0.176	6.034
Blank	<.001	<.03

Certified Assayer: Carla Johnson

PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **10418**

Job No. 0-155

Date:
June 16, 2011

Splits

Sample #	**Au Oz/ton**	**g/tonne**
3995	0.008	0.274
3996	<.001	<.03
3997	<.001	<.03
3998	<.001	<.03
3999	<.001	<.03
4000	0.024	0.823
1201	<.001	<.03
1202	<.001	<.03
1203	0.008	0.274
1204	0.004	0.137
1205	<.001	<.03
1206	<.001	<.03
1207	0.051	1.749
1208	0.022	0.754
1209	<.001	<.03
1210	<.001	<.03
1211	<.001	<.03
1212	0.014	0.480
1213	<.001	<.03
1214	<.001	<.03
1215	<.001	<.03

21 **Splits**

Std OxL78	0.178	6.103
Blank	<.001	<.03

Certified Assayer: Paula Johnson

PolyMet Laboratories

Client: Queenston (Lebel Project)
Job No. 0-155

CERTIFICATE **10419**

Date:
June 16, 2011

Splits

Sample #	**Au Oz/ton**	**g/tonne**
1216	<.001	<.03
1217	<.001	<.03
1218	<.001	<.03
1219	<.001	<.03
1220	<.001	<.03
1221	<.001	<.03
1222	0.010	0.343
1223	<.001	<.03
1224	<.001	<.03
1225	<.001	<.03
1226	<.001	<.03
1227	<.001	<.03
1228	<.001	<.03
1229	<.001	<.03
1230	<.001	<.03
1231	<.001	<.03
1232	<.001	<.03
1233	<.001	<.03
1234	<.001	<.03
1235	<.001	<.03
1236	<.001	<.03
1237	<.001	<.03

22 **Splits**

Std OxL78	0.178	6.103
Blank	<.001	<.03

Certified Assayer: Carla Johnson

PolyMet Laboratories

CERTIFICATE **10420**

Client: Queenston (Lebel Project)
Job No. 0-155

Date:
June 17, 2011

Sample #	Original Au Oz/ton	Original g/tonne	Check Au Oz/ton	Check g/tonne
0896	0.064	2.194	0.072	2.469
54996	0.036	1.234	0.040	1.371
54999	0.114	3.909	0.148	5.074
55000	0.042	1.440	0.052	1.783
2502	0.056	1.920	0.052	1.783
2503	0.044	1.509	0.056	1.920
2505	0.060	2.057	0.062	2.126
3940	0.040	1.371	0.046	1.577

8 + 16

Certified Assayer: Carla Johnson

PolyMet Labs
A Division of Polymet Resources Inc.

1 Presley St, P.O. Box 699, Cobalt, Ontario, Canada P0J 1C0
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Email: info@polymetinc.com Website: www.polymetinc.com

Certificate of Analysis

Queenston Mining Inc.
(Lebel Project)

We certify that the assay results in the following Certificates are factual and true.

Certificate #'s 10421, 10422, & 10423

Certified by: _____
Chief Assayer

Certified by: _____
President/Manager

Date: June 20, 2011

Disclaimer: The results included on this report relate only to the items tested. The Certificate of Analysis should not be reproduced except in full, without the written approval of the laboratory.

PolyMet Laboratories

Client: Queenston (Lebel Project)
Job No. 0-155

CERTIFICATE **10421**

Date:
June 20, 2011

Splits

Sample #	**Au Oz/ton**	**g/tonne**
1238	<.001	<.03
1239	<.001	<.03
1240	<.001	<.03
1241	0.166	5.691
1242	<.001	<.03
1243	Pend	
1244	0.026	0.891
1245	0.020	0.686
1246	<.001	<.03
1247	<.001	<.03
1248	<.001	<.03
1249	Pend	
1250	0.010	0.343
1251	Pend	
1252	<.001	<.03
1253	<.001	<.03
1254	Pend	
1255	Pend	
1256	Pend	
1257	<.001	<.03
1258	0.004	0.137
1259	<.001	<.03

16 **Splits**
6 **Pend**

Std OxL78	0.174	5.966
Blank	<.001	<.03

Certified Assayer: Carla Johnson

PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **10422**

Job No. 0-155

Date:
June 20, 2011

Splits

Sample #	**Au Oz/ton**	**g/tonne**
1260	0.018	0.617
1261	Pend	
1262	Pend	
1263	Pend	
1264	0.018	0.617
1265	<.001	<.03
1266	0.008	0.274
1267	<.001	<.03
1268	Pend	
1269	<.001	<.03
1270	Pend	
1271	Pend	
1272	0.006	0.206

7 **Splits**
6 **Pend**

Std OxL78	0.174	5.966
Blank	<.001	<.03

Certified Assayer: Karla Johnson

PolyMet Laboratories

CERTIFICATE **10423**

Client: Queenston (Lebel Project)
Job No. 0-155

Date:
June 20, 2011

Sample #	Original Au Oz/ton	Original g/tonne	Check Au Oz/ton	Check g/tonne
1243	0.096	3.291	0.050	1.714
1249	0.054	1.851	0.046	1.577
1251	0.036	1.234	0.018	0.617
1254	0.088	3.017	0.080	2.743
1255	0.242	8.297	0.354	12.137
1256	0.036	1.234	0.042	1.440
1261	0.050	1.714	0.060	2.057
1262	0.184	6.309	0.220	7.543
1263	0.042	1.440	0.040	1.371
1268	0.154	5.280	0.146	5.006
1270	0.042	1.440	0.034	1.166
1271	0.044	1.509	0.074	2.537

12 + 24

Certified Assayer: Carla Johnson

PolyMet Labs
A Division of Polymet Resources Inc.

1 Presley St. P.O. Box 699. Cobalt. Ontario. Canada P0J 1C0
Tel: (705) 679-5500 • Fax: (705) 679-5519
Email: info@polymetinc.com Website: www.polymetinc.com

Certificate of Analysis

Queenston Mining Inc.
(Lebel Project)

We certify that the assay results in the following Certificates are factual and true.

Certificate #'s 10452, 10453, 10454, 10455, & 10456

Certified by: _____
Chief Assayer

Certified by: _____
President/Manager

Date: June 22, 2011

Disclaimer: The results included on this report relate only to the items tested. The Certificate of Analysis should not be reproduced except in full, without the written approval of the laboratory.

PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **10452**

Job No. 0-155

Date:
June 22, 2011

Splits

Sample #	**Au Oz/ton**	**g/tonne**
54895	<.001	<.03
54896	0.024	0.823
54897	0.018	0.617
54898	0.006	0.206
0905	0.004	0.137
0906	<.001	<.03
0907	<.001	<.03
0908	0.002	0.069
0909	0.014	0.480
0910	0.006	0.206
0911	0.028	0.960
0912	0.006	0.206
0913	Pend	
0914	Pend	
0915	0.166	5.691
0916	0.010	0.343
0917	0.022	0.754
0918	Pend	

15 **Splits**
3 **Pend**

Std OxL78	0.174	5.966
Blank	<.001	<.03

Certified Assayer:

PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **10453**

Job No. 0-155

Date:
June 22, 2011

Splits

Sample #	**Au Oz/ton**	**g/tonne**
0919	0.008	0.274
0920	<.001	<.03
0921	<.001	<.03
0922	<.001	<.03
0923	<.001	<.03
0924	0.004	0.137
0925	<.001	<.03
0926	<.001	<.03
0927	0.002	0.069
0928	0.008	0.274
0929	<.001	<.03
0930	0.002	0.069
0931	<.001	<.03
0932	Pend	
0933	<.001	<.03
0934	<.001	<.03
0935	<.001	<.03
0936	<.001	<.03
0937	<.001	<.03
0938	<.001	<.03
0939	0.002	0.069
0940	0.010	0.343

21 **Splits**
1 **Pend**

Std OxL78	0.174	5.966
Blank	<.001	<.03

Certified Assayer:

PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **10454**

Job No. 0-155

Date:
June 22, 2011

Splits

Sample #	**Au Oz/ton**	**g/tonne**
0941	0.048	1.646
0942	0.020	0.686
0943	0.010	0.343
0944	<.001	<.03
0945	0.008	0.274
0946	0.002	0.069
0947	<.001	<.03
0948	<.001	<.03
0949	<.001	<.03
0950	0.004	0.137
0951	0.014	0.480
0952	0.008	0.274
0953	0.010	0.343
0954	0.028	0.960
0955	<.001	<.03
0956	0.004	0.137
0957	0.010	0.343
0958	0.014	0.480
0959	0.012	0.411
0960	<.001	<.03
0961	<.001	<.03
0962	<.001	<.03

22 **Splits**

Std OxL78	0.174	5.966
Blank	<.001	<.03

Certified Assayer:



PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **10455**

Job No. 0-155

Date:
June 22, 2011

Splits

Sample #	**Au Oz/ton**	**g/tonne**
0963	0.026	0.891
0964	<.001	<.03
0965	<.001	<.03
0966	<.001	<.03
0967	<.001	<.03
0968	<.001	<.03
0969	0.162	5.554
0970	<.001	<.03
0971	<.001	<.03
0972	<.001	<.03

10 **Splits**

Std OxL78	0.174	5.966
Blank	<.001	<.03

Certified Assayer:

PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **10456**

Job No. 0-155

Date:
June 22, 2011

	Original		**Check**	
Sample #	**Au Oz/ton**	**g/tonne**	**Au Oz/ton**	**g/tonne**
0913	0.034	1.166	0.028	0.960
0914	0.121	4.149	0.114	3.909
0918	0.050	1.714	0.082	2.811
0932	0.034	1.166	0.042	1.440

4 + 8

Certified Assayer:

PolyMet Labs
A Division of Polymet Resources Inc.

1 Presley St. P.O. Box 699. Cobalt. Ontario. Canada P0J 1C0
Tel: (705) 679-5500 • Fax: (705) 679-5519
Email: info@polymetinc.com Website: www.polymetinc.com

Certificate of Analysis

Queenston Mining Inc.
(Lebel Project)

We certify that the assay results in the following Certificates are factual and true.

Certificate #'s 10478, 10479, 10480, 10481, 10482, & 10483

Certified by: _____
Chief Assayer

Certified by: _____
President/Manager

Date: June 27, 2011

Disclaimer: The results included on this report relate only to the items tested. The Certificate of Analysis should not be reproduced except in full, without the written approval of the laboratory.

PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **10478**

Job No. 0-155

Date:
June 27, 2011

Splits

Sample #	**Au Oz/ton**	**g/tonne**
0973	<.001	<.03
0974	0.004	0.137
0975	0.006	0.206
0976	0.004	0.137
0977	0.004	0.137
0978	<.001	<.03
0979	<.001	<.03
0980	<.001	<.03
0981	0.016	0.549
0982	<.001	<.03
0983	0.006	0.206
0984	0.002	0.069
0985	<.001	<.03
0986	0.002	0.069
0987	0.008	0.274
0988	<.001	<.03
0989	0.004	0.137
0990	0.006	0.206
0991	0.002	0.069
0992	0.004	0.137
0993	0.028	0.960
0994	0.028	0.960
0995	0.024	0.823

23 **Splits**

Std OxL78	0.176	6.034
Blank	<.001	<.03

Certified Assayer:



PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **10479**

Job No. 0-155

Date:
June 27, 2011

Splits

Sample #	**Au Oz/ton**	**g/tonne**
0996	Pend	
0997	0.049	1.680
0998	Pend	
0999	<.001	<.03
1000	<.001	<.03
1001	Pend	
1002	<.001	<.03
1003	0.004	0.137
1004	0.020	0.686
1005	0.012	0.411
1006	Pend	
1007	Pend	
1008	0.006	0.206
1009	<.001	<.03
1010	0.008	0.274
1011	0.004	0.137
1012	<.001	<.03
1013	0.006	0.206
1014	0.010	0.343
1015	<.001	<.03
1016	<.001	<.03
1017	<.001	<.03

17 **Splits**
5 **Pend**

Std OxL78	0.176	6.034
Blank	<.001	<.03

Certified Assayer:



PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **10480**

Job No. 0-155

Date:
June 27, 2011

Splits

Sample #	**Au Oz/ton**	**g/tonne**
1018	0.002	0.069
1019	0.157	5.383
1020	<.001	<.03
1021	<.001	<.03
1022	<.001	<.03
1023	<.001	<.03
1024	0.002	0.069
1025	Pend	
1026	0.012	0.411
1027	<.001	<.03
1028	0.012	0.411
1029	0.006	0.206
1030	0.002	0.069
1031	<.001	<.03
1032	<.001	<.03
1033	0.006	0.206
1034	<.001	<.03
1035	0.002	0.069
1036	<.001	<.03
1037	<.001	<.03
1038	<.001	<.03

20 **Splits**
1 **Pend**

Std OxL78	0.176	6.034
Blank	<.001	<.03

Certified Assayer:

PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **10481**

Job No. 0-155

Date:
June 27, 2011

Splits

Sample #	**Au Oz/ton**	**g/tonne**
1039	0.002	0.069
1040	0.002	0.069
1041	<.001	<.03
1042	<.001	<.03
1043	0.002	0.069
1273	<.001	<.03
1274	<.001	<.03
1275	0.050	1.714
1276	<.001	<.03
1277	<.001	<.03
1278	<.001	<.03
1279	<.001	<.03
1280	<.001	<.03
1281	<.001	<.03
1282	<.001	<.03
1283	<.001	<.03
1284	0.008	0.274
1285	0.024	0.823
1286	0.006	0.206
1287	<.001	<.03
1288	0.006	0.206
1289	<.001	<.03

22 **Splits**

Std OxL78	0.174	5.966
Blank	<.001	<.03

Certified Assayer:



PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **10482**

Job No. 0-155

Date:
June 27, 2011

Splits

Sample #	**Au Oz/ton**	**g/tonne**
1290	<.001	<.03
1291	<.001	<.03
1292	<.001	<.03
1293	<.001	<.03
1294	<.001	<.03
1295	<.001	<.03
1296	<.001	<.03
1297	<.001	<.03
1298	<.001	<.03
1299	<.001	<.03
1300	0.002	0.069
1301	<.001	<.03
1302	<.001	<.03
1303	<.001	<.03
1304	<.001	<.03
1305	<.001	<.03
1306	0.010	0.343
1307	0.018	0.617
1308	<.001	<.03
1309	<.001	<.03
1310	<.001	<.03

21 **Splits**

Std OxL78	0.174	5.966
Blank	<.001	<.03

Certified Assayer:

PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **10483** Job No. 0-155

Date: June 27, 2011

	Original		**Check**	
Sample #	**Au Oz/ton**	**g/tonne**	**Au Oz/ton**	**g/tonne**
0996	0.116	3.977	0.094	3.223
0998	0.040	1.371	0.044	1.509
1001	0.106	3.634	0.134	4.594
1006	0.038	1.303	0.038	1.303
1007	0.034	1.166	0.038	1.303
1025	0.038	1.303	0.030	1.029

6 + 12

Certified Assayer:

PolyMet Labs
A Division of Polymet Resources Inc.

1 Presley St. P.O. Box 699, Cobalt, Ontario, Canada P0J 1C0
Tel: (705) 679-5500 • Fax: (705) 679-5519
Email: info@polymetinc.com Website: www.polymetinc.com

Certificate of Analysis

Queenston Mining Inc.
(Lebel Project)

We certify that the assay results in the following Certificates are factual and true.

Certificate #'s 10501, 10502, 10503, & 10504

Certified by: _____
Chief Assayer

Certified by: _____
President/Manager

Date: June 29, 2011

Disclaimer: The results included on this report relate only to the items tested. The Certificate of Analysis should not be reproduced except in full, without the written approval of the laboratory.

PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **10501**

Job No. 0-155

Date:
June 29, 2011

Splits

Sample #	**Au Oz/ton**	**g/tonne**
2879	0.006	0.206
2880	<.001	<.03
2881	0.002	0.069
2882	<.001	<.03
2883	<.001	<.03
2884	<.001	<.03
2885	<.001	<.03
2886	0.014	0.480
2887	<.001	<.03
2888	<.001	<.03
2889	<.001	<.03
2890	<.001	<.03
2891	0.004	0.137
2892	<.001	<.03
2893	<.001	<.03
2894	<.001	<.03
2895	<.001	<.03
2896	<.001	<.03
2897	<.001	<.03
2898	<.001	<.03
2899	0.010	0.343

21 **Splits**

Std OxL78	0.172	5.897
Blank	<.001	<.03

Certified Assayer:



PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **10502**

Job No. 0-155

Date:
June 29, 2011

Splits

Sample #	**Au Oz/ton**	**g/tonne**
2900	Pend	
2901	<.001	<.03
2902	0.004	0.137
2903	0.006	0.206
2904	<.001	<.03
2905	<.001	<.03
2906	<.001	<.03
2907	0.008	0.274
2908	0.151	5.177
2909	<.001	<.03
2910	<.001	<.03
2911	0.028	0.960
2912	<.001	<.03
2913	<.001	<.03
2914	<.001	<.03
2915	Pend	
2859	<.001	<.03
2860	<.001	<.03
2861	<.001	<.03
1350	<.001	<.03
2801	<.001	<.03
2802	<.001	<.03

20 **Splits**
2 **Pend**

Std OxL78	0.172	5.897
Blank	<.001	<.03

Certified Assayer:

PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **10503**

Job No. 0-155

Date:
June 29, 2011

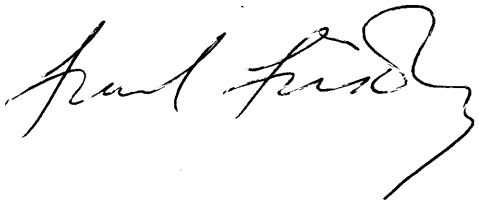
Splits

Sample #	**Au Oz/ton**	**g/tonne**
2803	0.028	0.960
2804	<.001	<.03
2805	<.001	<.03
2806	<.001	<.03
2807	<.001	<.03
2808	<.001	<.03
2809	Pend	
2810	<.001	<.03
2811	<.001	<.03
2812	<.001	<.03
2813	<.001	<.03
2814	<.001	<.03
2815	<.001	<.03
2816	0.002	0.069
2817	<.001	<.03
2818	<.001	<.03
2819	<.001	<.03
2820	0.002	0.069
2821	<.001	<.03
2822	<.001	<.03
2823	<.001	<.03
2824	<.001	<.03
2825	<.001	<.03
2862	0.002	<.03
2863	<.001	<.03

24 **Splits**
1 **Pend**

Std OxL78	0.174	5.966
Blank	<.001	<.03

Certified Assayer:



PolyMet Laboratories

		Client:	Queenston (Lebel Project)
CERTIFICATE	**10504**	Job No.	0-155

Date:
June 29, 2011

	Original		**Check**	
Sample #	**Au Oz/ton**	**g/tonne**	**Au Oz/ton**	**g/tonne**
2900	0.048	1.646	0.050	1.714
2915	0.044	1.509	0.046	1.577
2809	0.032	1.097	0.026	0.891

3 + 6

Certified Assayer:

PolyMet Labs
A Division of Polymet Resources Inc.

1 Presley St. P.O. Box 699. Cobalt. Ontario. Canada P0J 1C0
Tel: (705) 679-5500 • Fax: (705) 679-5519
Email: info@polymetinc.com Website: www.polymetinc.com

Certificate of Analysis

Queenston Mining Inc.
(Lebel Project)

We certify that the assay results in the following Certificates are factual and true.

Certificate #'s 10588, 10589, 10590, 10591, & 10592

Certified by: _____
Chief Assayer

Certified by: _____
President/Manager

Date: July 13, 2011

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PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **10588**

Job No. 0-155

Date:
July 13, 2011

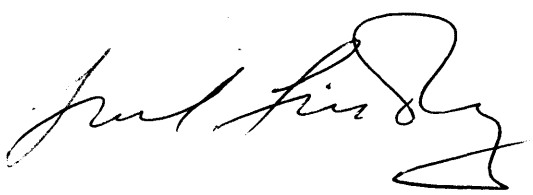
Splits

Sample #	**Au Oz/ton**	**g/tonne**
1109	0.010	0.343
1110	0.004	0.137
1111	0.004	0.137
1112	0.004	0.137
1113	<.001	<.03
1114	<.001	<.03
1115	0.002	0.069
1116	0.002	0.069
1117	<.001	<.03
1118	<.001	<.03
1119	0.167	5.726
1120	0.002	0.069
1121	0.004	0.137
1122	0.006	0.206
1123	0.002	0.069
1124	0.028	0.960
1125	0.026	0.891
1126	0.016	0.549
1127	<.001	<.03
1128	0.012	0.411
1129	0.004	0.137

21 **Splits**

Std OxL78	0.174	5.966
Blank	<.001	<.03

Certified Assayer:



PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **10589**

Job No. 0-155

Date:
July 13, 2011

Splits

Sample #	**Au Oz/ton**	**g/tonne**
1130	0.010	0.343
1131	0.008	0.274
1132	0.008	0.274
1133	0.010	0.343
1134	0.002	0.069
1135	0.004	0.137
1136	0.008	0.274
3052	<.001	<.03
3053	0.004	0.137
3054	0.010	0.343
3055	<.001	<.03
3056	<.001	<.03
3057	<.001	<.03
3058	<.001	<.03
3059	<.001	<.03
3060	<.001	<.03
3061	<.001	<.03
3062	<.001	<.03
3063	0.002	0.069
3064	<.001	<.03
3065	<.001	<.03
3090	<.001	<.03

22 **Splits**

Std OxL78	0.174	5.966
Blank	<.001	<.03

Certified Assayer:

PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **10590**

Job No. 0-155

Date:
July 13, 2011

Splits

Sample #	**Au Oz/ton**	**g/tonne**
3076	0.002	0.069
3066	0.004	0.137
3077	<.001	<.03
3078	0.002	0.069
3079	0.002	0.069
3080	<.001	<.03
3081	<.001	<.03
3082	<.001	<.03
3083	<.001	<.03
3067	<.001	<.03
3068	<.001	<.03
3069	<.001	<.03
3070	0.048	1.646
3071	0.002	0.069
3072	<.001	<.03
3073	<.001	<.03
3074	<.001	<.03
3075	<.001	<.03
3084	<.001	<.03
3085	<.001	<.03
3086	<.001	<.03

21 **Splits**

Std OxL78	0.176	6.034
Blank	<.001	<.03

Certified Assayer:

PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **10591**

Job No. 0-155

Date:
July 13, 2011

Splits

Sample #	**Au Oz/ton**	**g/tonne**
3087	0.010	0.343
3088	0.004	0.137
3089	0.002	0.069
3091	<.001	<.03
3092	<.001	<.03
3301	<.001	<.03
3302	Pend	
3303	Pend	
3304	Pend	
3305	Pend	

Std OxL78	0.176	6.034
Blank	<.001	<.03

6 **Splits**
4 **Pend**

Certified Assayer:

PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **10592**

Job No. 0-155

Date:
July 13, 2011

	Original		Check	
Sample #	**Au Oz/ton**	**g/tonne**	**Au Oz/ton**	**g/tonne**
3302	0.414	14.194	0.336	11.520
3303	0.088	3.017	0.146	5.006
3304	0.042	1.440	0.034	1.166
3305	0.044	1.509	0.052	1.783

4 + 8

Certified Assayer:

PolyMet Labs
A Division of Polymet Resources Inc.

1 Presley St. P.O. Box 699. Cobalt. Ontario. Canada P0J 1C0
Tel: (705) 679-5500 • Fax: (705) 679-5519
Email: info@polymetinc.com Website: www.polymetinc.com

Certificate of Analysis

Queenston Mining Inc.
(Lebel Project)

We certify that the assay results in the following Certificates are factual and true.

Certificate #'s 10605, 10606, 10607, 10608, 10609, 10610, 10611, 10612, 10613, 10614, & 10615

Certified by: _____
Chief Assayer

Certified by: _____
President/Manager

Date: July 18, 2011

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PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **10605**

Job No. 0-155

Date:
July 15, 2011

Splits

Sample #	**Au Oz/ton**	**g/tonne**
1137	0.010	0.343
1138	<.001	<.03
1139	<.001	<.03
1140	0.028	0.960
1141	0.010	0.343
1142	<.001	<.03
1143	<.001	<.03
1144	0.048	1.646
1145	<.001	<.03
1146	<.001	<.03
1147	<.001	<.03
1148	0.004	0.137
1149	<.001	<.03
1150	0.010	0.343
1151	<.001	<.03
1152	0.010	0.343
1153	0.002	0.069
1154	<.001	<.03
1155	0.008	0.274
1156	<.001	<.03
1157	<.001	<.03
1158	0.002	0.069

22 **Splits**

Std OxL78	0.176	6.034
Blank	<.001	<.03

Certified Assayer: Carla Johnson

PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **10606**

Job No. 0-155

Date:
July 15, 2011

Splits

Sample #	**Au Oz/ton**	**g/tonne**
1159	<.001	<.03
1160	0.002	0.069
1161	0.014	0.480
1162	0.006	0.206
1163	0.002	0.069
1164	0.002	0.069
1165	<.001	<.03
1166	<.001	<.03
1167	0.002	0.069
1168	0.002	0.069
1169	0.004	0.137
1170	<.001	<.03
1171	0.020	0.686
1172	<.001	<.03
1173	<.001	<.03
1174	<.001	<.03
1175	0.012	0.411
1176	Pend	
1177	<.001	<.03
1178	0.002	0.069
1179	0.008	0.274
1180	<.001	<.03

21 **Splits**
1 **Pend**

Std OxL78	0.176	6.034
Blank	<.001	<.03

Certified Assayer: Carla Johnson

PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **10607**

Job No. 0-155

Date:
July 15, 2011

Splits

Sample #	**Au Oz/ton**	**g/tonne**
1181	0.028	0.960
1182	0.004	0.137
1183	0.002	0.069
1184	0.002	0.069
1185	<.001	<.03
1186	<.001	<.03
1187	<.001	<.03
1188	<.001	<.03
1189	<.001	<.03
1190	<.001	<.03
1191	<.001	<.03
1192	<.001	<.03
1193	<.001	<.03
1194	<.001	<.03
1195	<.001	<.03
1196	<.001	<.03
1197	0.002	0.069
1198	0.028	0.960
1199	0.008	0.274
1200	0.016	0.549
3156	0.018	0.617

21 **Splits**

Std OxL78	0.176	6.034
Blank	<.001	<.03

Certified Assayer: Carla Johnson

PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **10608**

Job No. 0-155

Date:
July 15, 2011

Splits

Sample #	**Au Oz/ton**	**g/tonne**
3157	Pend	
3158	0.155	5.314
3159	0.016	0.549
3160	Pend	
3161	Pend	
3162	0.008	0.274
3163	0.002	0.069
3164	<.001	<.03
3165	<.001	<.03
3166	<.001	<.03
3167	<.001	<.03
3168	0.002	0.069
3169	<.001	<.03
3170	<.001	<.03
3171	0.002	0.069
3172	<.001	<.03
3173	<.001	<.03
3174	<.001	<.03
3175	0.006	0.206
3176	0.004	0.137
3177	Pend	
3178	<.001	<.03

18 **Splits**
4 **Pend**

Std OxL78	0.176	6.034
Blank	<.001	<.03

Certified Assayer: Linda Johnson

PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **10609**

Job No. 0-155

Date:
July 15, 2011

Splits

Sample #	**Au Oz/ton**	**g/tonne**
3179	<.001	<.03
3180	0.006	0.206
3181	<.001	<.03
3182	0.008	0.274
3183	0.002	0.069
3184	0.006	0.206
3185	0.004	0.137
3186	<.001	<.03
3187	<.001	<.03
3188	<.001	<.03
3189	<.001	<.03
3190	<.001	<.03
3191	<.001	<.03
3192	<.001	<.03
3193	<.001	<.03
3194	<.001	<.03
3195	0.048	1.646
3196	<.001	<.03
3197	<.001	<.03
3198	<.001	<.03
3093	0.002	0.069
3094	Pend	

21 **Splits**
1 **Pend**

Std OxL78	0.174	5.966
Blank	<.001	<.03

Certified Assayer: Carla Johnson

PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **10610**

Job No. 0-155

Date:
July 15, 2011

Splits

Sample #	**Au Oz/ton**	**g/tonne**
3095	<.001	<.03
3096	<.001	<.03
3097	<.001	<.03
3098	<.001	<.03
3099	<.001	<.03
3100	<.001	<.03
3151	0.012	0.411
3152	0.024	0.823
3153	<.001	<.03
3154	Pend	
3155	<.001	<.03
3101	0.006	0.206
3102	0.004	0.137
3103	<.001	<.03
3104	0.150	5.143
3105	0.012	0.411
3106	<.001	<.03
3107	0.006	0.206
3108	<.001	<.03
3109	<.001	<.03
3110	0.002	0.069

20 **Splits**
1 **Pend**

Std OxL78	0.174	5.966
Blank	<.001	<.03

Certified Assayer: Carla Johnson

PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **10611**

Job No. 0-155

Date:
July 15, 2011

Splits

Sample #	**Au Oz/ton**	**g/tonne**
3111	<.001	<.03
3112	0.004	0.137
3113	0.002	0.069
3114	0.004	0.137
3115	<.001	<.03
3116	0.016	0.549
3117	Pend	
3118	<.001	<.03
3119	0.014	0.480
3120	<.001	<.03
3121	<.001	<.03
3122	0.004	0.137
3123	<.001	<.03
3124	<.001	<.03
3125	<.001	<.03
3126	0.018	0.617
3127	0.022	0.754
3128	0.049	1.680
3129	Pend	
3130	<.001	<.03
3131	Pend	
3132	0.008	0.274

19 **Splits**
3 **Pend**

Std OxL78	0.172	5.897
Blank	<.001	<.03

Certified Assayer: Carla Johnson

PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **10612**

Job No. 0-155

Date:
July 15, 2011

Splits

Sample #	**Au Oz/ton**	**g/tonne**
3133	0.004	0.137
3134	0.002	0.069
3135	0.010	0.343
3136	0.004	0.137
3137	0.006	0.206
3138	<.001	<.03
3139	<.001	<.03
3140	<.001	<.03
3141	<.001	<.03
2506	Pend	
2507	Pend	
2508	Pend	
2509	Pend	
2510	Pend	
2511	0.026	0.891
2512	Pend	
2513	Pend	
2514	0.012	0.411
3142	0.016	0.549
3143	0.004	0.137
3144	<.001	<.03

14 **Splits**
7 **Pend**

Std OxL78	0.172	5.897
Blank	<.001	<.03

Certified Assayer: Earle Johnson

PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **10613**

Job No. 0-155

Date:
July 15, 2011

Splits

Sample #	**Au Oz/ton**	**g/tonne**
3145	0.004	0.137
3146	0.006	0.206
3147	0.018	0.617
3148	0.004	0.137
3149	0.006	0.206
3150	0.012	0.411
3351	<.001	<.03
3352	0.002	0.069
3353	0.146	5.006
3354	<.001	<.03
3355	<.001	<.03
3356	<.001	<.03
3357	0.002	0.069
3358	0.028	0.960
3359	<.001	<.03
3360	0.002	0.069
3361	0.002	0.069
3362	<.001	<.03

18 **Splits**

Std OxL78	0.172	5.897
Blank	<.001	<.03

Certified Assayer:

PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **10614** Job No. 0-155

Date: July 15, 2011

	Original		Check	
Sample #	**Au Oz/ton**	**g/tonne**	**Au Oz/ton**	**g/tonne**
1176	0.110	3.771	0.100	3.429
3157	0.042	1.440	0.036	1.234
3160	0.036	1.234	0.038	1.303
3161	0.032	1.097	0.030	1.029

4 + 8

Certified Assayer:

PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **10615**

Job No. 0-155

Date:
July 18, 2011

	Original		Check	
Sample #	**Au Oz/ton**	**g/tonne**	**Au Oz/ton**	**g/tonne**
3177	0.110	3.771	0.052	1.783
3094	0.054	1.851	0.034	1.166
3154	0.060	2.057	0.060	2.057
3117	0.096	3.291	0.084	2.880
3129	0.044	1.509	0.038	1.303
3131	0.032	1.097	0.032	1.097
2506	0.388	13.303	0.420	14.400
2507	0.064	2.194	0.056	1.920
2508	0.030	1.029	0.026	0.891
2509	0.068	2.331	0.062	2.126
2510	0.088	3.017	0.084	2.880
2512	0.062	2.126	0.062	2.126
2513	0.058	1.989	0.048	1.646

13 + 26

Certified Assayer:

PolyMet Labs
A Division of Polymet Resources Ltd.

1 Presley St, P.O. Box 699, Cobalt, Ontario, Canada P0J 1C0
Tel: (705) 679-5500 • Fax: (705) 679-5519
Email: info@polymetinc.com Website: www.polymetinc.com

Certificate of Analysis

Queenston Mining Inc.
(Lebel Project)

We certify that the assay results in the following Certificates are factual and true.

Certificate #'s 10690, 10691, 10692, 10693, 10694, & 10695

Certified by: _____
Assayer

Certified by: _____
President/Manager

Date: July 27, 2011

Disclaimer: The results included on this report relate only to the items tested. The Certificate of Analysis should not be reproduced except in full, without the written approval of the laboratory.

PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **10690**

Job No. 0-155

Date:
July 25, 2011

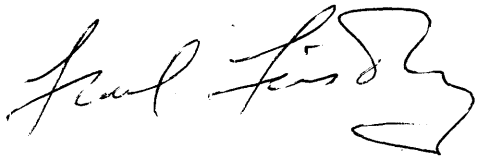
Splits

Sample #	**Au Oz/ton**	**g/tonne**
3391	Pend	
3392	0.002	0.069
3393	0.028	0.960
3394	<.001	<.03
3395	0.006	0.206
3396	0.006	0.206
3397	<.001	<.03
3398	<.001	<.03
3399	<.001	<.03
3400	<.001	<.03
3401	0.163	5.589
3402	0.008	0.274
3403	<.001	<.03
3404	0.012	0.411
3405	0.022	0.754
3406	0.008	0.274
3407	Pend	
3408	Pend	
3409	0.002	0.069
3410	0.018	0.617
3411	0.002	0.069
3412	<.001	<.03

19 **Splits**
3 **Pend**

Std OxL78	0.176	6.034
Blank	<.001	<.03

Certified Assayer:



PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **10691**

Job No. 0-155

Date:
July 27, 2011

Splits

Sample #	**Au Oz/ton**	**g/tonne**
3413	<.001	<.03
3414	<.001	<.03
3415	<.001	<.03
3416	<.001	<.03
3417	<.001	<.03
3418	<.001	<.03
3419	<.001	<.03
3420	<.001	<.03
3421	<.001	<.03
3422	<.001	<.03
3423	0.049	1.680
3424	0.002	0.069
3425	Pend	
3426	<.001	<.03
3427	0.020	0.686
3428	Pend	
3429	<.001	<.03
3430	<.001	<.03
3431	<.001	<.03
3432	<.001	<.03
3433	0.024	0.823

19 **Splits**
2 **Pend**

Std OxL78	0.176	6.034
Blank	<.001	<.03

Certified Assayer: Paula Johnson

PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **10692**

Job No. 0-155

Date:
July 27, 2011

Splits

Sample #	**Au Oz/ton**	**g/tonne**
3434	<.001	<.03
3435	<.001	<.03
3436	<.001	<.03
3437	<.001	<.03
3438	<.001	<.03
3439	<.001	<.03
3440	<.001	<.03
3441	<.001	<.03
3442	<.001	<.03
3443	<.001	<.03
3444	<.001	<.03
3445	<.001	<.03
3446	<.001	<.03
3447	0.151	5.177
3448	0.020	0.686
3449	Pend	
3450	Pend	
3451	Pend	
3452	Pend	
3453	<.001	<.03
3454	Pend	
3455	Pend	

16 **Splits**
6 **Pend**

Std OxL78	0.176	6.034
Blank	<.001	<.03

Certified Assayer: Carla Johnson

PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **10693**

Job No. 0-155

Date:
July 27, 2011

Splits

Sample #	**Au Oz/ton**	**g/tonne**
3456	Pend	
3457	<.001	<.03
3458	Pend	
3459	0.012	0.411
3460	0.010	0.343
3461	0.002	0.069
3462	0.004	0.137
3463	Pend	
3464	0.006	0.206
3465	<.001	<.03
3466	Pend	
3467	<.001	<.03
3468	0.014	0.480
3469	<.001	<.03
3470	0.048	1.646
3471	<.001	<.03
3472	<.001	<.03
3473	<.001	<.03
3474	<.001	<.03
3475	0.012	0.411
3476	<.001	<.03
3477	<.001	<.03

18 **Splits**
4 **Pend**

Std OxL78	0.174	5.966
Blank	<.001	<.03

Certified Assayer: Carla Johnson

PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **10694**

Job No. 0-155

Date:
July 27, 2011

Splits

Sample #	**Au Oz/ton**	**g/tonne**
3478	0.002	0.069
3479	0.014	0.480
3480	0.010	0.343
3481	<.001	<.03
3482	<.001	<.03
3483	<.001	<.03
3484	<.001	<.03
3485	<.001	<.03
3486	<.001	<.03
3487	<.001	<.03
3488	<.001	<.03
3489	<.001	<.03
3490	<.001	<.03
3491	<.001	<.03
3576	<.001	<.03
3577	<.001	<.03
3578	<.001	<.03
3579	<.001	<.03
3580	<.001	<.03
3581	<.001	<.03
3582	<.001	<.03

21 **Splits**

Std OxL78	0.174	5.966
Blank	<.001	<.03

Certified Assayer: Earl a Johnson

PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **10695** Job No. 0-155

Date: July 27, 2011

Sample #	Original Au Oz/ton	Original g/tonne	Check Au Oz/ton	Check g/tonne
3391	0.204	6.994	0.186	6.377
3407	0.052	1.783	0.062	2.126
3408	0.034	1.166	0.030	1.029
3425	0.038	1.303	0.048	1.646
3428	0.452	15.497	0.306	10.492
3449	0.052	1.783	0.062	2.126
3450	0.064	2.194	0.048	1.646
3451	0.096	3.291	0.114	3.909
3452	0.150	5.143	0.166	5.691
3454	0.030	1.029	0.024	0.823
3455	0.056	1.920	0.044	1.509
3456	0.074	2.537	0.060	2.057
3458	0.094	3.223	0.112	3.840
3463	0.068	2.331	0.070	2.400
3466	0.092	3.154	0.092	3.154

15 + 30

Certified Assayer: Carla Johnson

PolyMet Labs
A Division of Polymet Resources Ltd.

1 Presley St, P.O. Box 699, Cobalt, Ontario, Canada P0J 1C0
Tel: (705) 679-5500 • Fax: (705) 679-5519
Email: info@polymetinc.com Website: www.polymetinc.com

Certificate of Analysis

Queenston Mining Inc.
(Lebel Project)

We certify that the assay results in the following Certificates are factual and true.

Certificate #'s 10697, 10698, & 10699

Certified by: _____
Assayer

Certified by: _____
President/Manager

Date: July 28, 2011

Disclaimer: The results included on this report relate only to the items tested. The Certificate of Analysis should not be reproduced except in full, without the written approval of the laboratory.

PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **10697**

Job No. 0-155

Date:
July 28, 2011

Splits

Sample #	**Au Oz/ton**	**g/tonne**
3583	0.002	0.069
3584	<.001	<.03
3585	<.001	<.03
3586	<.001	<.03
3587	<.001	<.03
3588	<.001	<.03
3589	<.001	<.03
3590	0.004	0.137
3591	0.002	0.069
3592	0.008	0.274
3593	0.150	5.143
3594	0.004	0.137
3595	0.016	0.549
3596	<.001	<.03
3597	0.008	0.274
3598	0.006	0.206
3599	0.012	0.411
3600	<.001	<.03
4001	<.001	<.03
4002	0.026	0.891
4003	0.004	0.137
4004	<.001	<.03

22 **Splits**

Std OxL78	0.174	5.966
Blank	<.001	<.03

Certified Assayer: Carla Johnson

PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **10698**

Job No. 0-155

Date:
July 28, 2011

Splits

Sample #	**Au Oz/ton**	**g/tonne**
4005	0.012	0.411
4006	0.028	0.960
4007	0.024	0.823
4008	Pend	
4009	Pend	
4010	Pend	
4011	<.001	<.03
4012	0.026	0.891
4013	0.049	1.680
4014	Pend	
4015	Pend	
4016	Pend	
4017	<.001	<.03
4018	<.001	<.03
4019	0.002	0.069
4020	0.002	0.069
4021	<.001	<.03
4022	<.001	<.03
4023	<.001	<.03
4024	<.001	<.03
4025	<.001	<.03

15 **Splits**
6 **Pend**

Std OxL78	0.174	5.966
Blank	<.001	<.03

Certified Assayer: Earle Johnson

PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **10699**

Job No. 0-155

Date:
July 28, 2011

	Original		**Check**	
Sample #	**Au Oz/ton**	**g/tonne**	**Au Oz/ton**	**g/tonne**
4008	0.044	1.509	0.036	1.234
4009	0.042	1.440	0.034	1.166
4010	0.048	1.646	0.042	1.440
4014	0.312	10.697	0.246	8.434
4015	0.040	1.371	0.038	1.303
4016	0.050	1.714	0.044	1.509

6 + 12

Certified Assayer: Earla Johnson

Established 1928

Swastika Laboratories Ltd

Assaying - Consulting - Representation

Assay Certificate

Certificate Number: 11-1575

Company: **Queenston Mining Inc.**

Project: Lebel

Report Date: 13-May-11

Attn: Dan McCormack

We hereby certify the following Assay of 13 pulp samples submitted 25-Apr-11 by Dan McCormack

Sample Number	Au FA-AAS ppb	Au Chk FA-AAS ppb	Au FA-AAS g/Mt	Au Chk FA-AAS g/Mt	Au FA-GRAV ppb	Au FA-GRAV g/Mt	Au Chk FA-GRAV g/Mt	Au Chk FA-GRAV ppb
0019					2196	2.20	2.19	
0041	542		0.54					
0053	172		0.17					
0073	1450		1.45				1.51	
0097					1647	1.65	1.65	
1713	575		0.57					
1770	735		0.74					
1775	108		0.11					
1780	585		0.59					
Blank Value	2		< 0.01					
SH41	1353		1.35					
54789	2341		2.34				2.47	
54838	1166		1.17				1.27	
29765	303		0.30					
29785	409		0.41					

Certified by Jing Lin

Jing Lin, M Sc.

1 Cameron Ave., P.O. Box 10, Swastika, Ontario P0K 1T0
Telephone (705) 642-3244 Fax (705) 642-3300

Swastika Laboratories Ltd

Established 1928

Assaying - Consulting - Representation

Assay Certificate

Certificate Number: 11-1576

Company: **Queenston Mining Inc.**

Project: Lebel

Report Date: 11-May-11

Attn: Dan McCormack

We hereby certify the following Assay of 13 rejects samples submitted 25-Apr-11 by Dan McCormack

Sample Number	Au FA-AAS ppb	Au Chk FA-AAS ppb	Au FA-AAS g/Mt	Au Chk FA-AAS g/Mt	Au FA-GRAV ppb	Au Chk FA-GRAV ppb	Au FA-GRAV g/Mt	Au Chk FA-GRAV g/Mt
0019					2260		2.26	2.40
0041	471		0.47					
0053	237		0.24					
0073					1510		1.51	1.51
0097	1694		1.69					1.92
1713	496		0.50					
1770	722		0.72					
1775	103		0.10					
1780	619		0.62					
Blank Value	7		< 0.01					
SH41	1343		1.34					
54789					2058		2.06	2.09
54838	919		0.92					
29765	301		0.30					
29785	382		0.38					

Certified by Jing Lin

Jing Lin, M Sc.

1 Cameron Ave., P.O. Box 10, Swastika, Ontario P0K 1T0
Telephone (705) 642-3244 Fax (705) 642-3300

PolyMet Labs
A Division of Polymet Resources Ltd.

1 Presley St, P.O. Box 699, Cobalt, Ontario, Canada P0J 1C0
Tel: (705) 679-5500 • Fax: (705) 679-5519
Email: info@polymetinc.com Website: www.polymetinc.com

Certificate of Analysis

Queenston Mining Inc.
(Lebel Project)

We certify that the assay results in the following Certificates are factual and true.

Certificate #'s 11176, 11177, 11178, 11179, 11180, 11181, & 11182

Certified by: Carla Johnson
Certified Assayer

Certified by:
President/Manager

Date: September 15, 2011

Disclaimer: The results included on this report relate only to the items tested. The Certificate of Analysis should not be reproduced except in full, without the written approval of the laboratory.

PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **11176**

Job No. 0-155

Date:
Sept. 15, 2011

Splits

Sample #	**Au Oz/ton**	**g/tonne**
05462	<.001	<.03
05463	<.001	<.03
05464	<.001	<.03
05465	<.001	<.03
05466	<.001	<.03
05467	0.014	0.480
05468	<.001	<.03
05469	<.001	<.03
05470	<.001	<.03
05471	<.001	<.03
05472	<.001	<.03
05473	<.001	<.03
05474	<.001	<.03
05475	0.051	1.749
05476	<.001	<.03
05477	<.001	<.03
05478	<.001	<.03
05479	<.001	<.03
05480	<.001	<.03
05481	<.001	<.03

20 **Splits**

Std OxL78	0.174	5.966
Blank	<.001	<.03

Certified Assayer: Paula Johnson

PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **11177**

Job No. 0-155

Date:
Sept. 15, 2011

Splits

Sample #	**Au Oz/ton**	**g/tonne**
05482	<.001	<.03
05483	<.001	<.03
05484	<.001	<.03
05485	<.001	<.03
05486	<.001	<.03
05487	<.001	<.03
05488	<.001	<.03
05489	<.001	<.03
05490	<.001	<.03
05491	<.001	<.03
05492	<.001	<.03
05493	<.001	<.03
05494	<.001	<.03
05495	<.001	<.03
05496	<.001	<.03
05497	<.001	<.03
05498	0.004	0.137
05499	<.001	<.03
05500	0.170	5.829
07001	<.001	<.03
07002	<.001	<.03
07003	<.001	<.03

22 **Splits**

Std OxL78	0.174	5.966
Blank	<.001	<.03

Certified Assayer: Carla Johnson

PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **11178**

Job No. 0-155

Date:
Sept. 15, 2011

Splits

Sample #	**Au Oz/ton**	**g/tonne**
07004	<.001	<.03
07005	<.001	<.03
07006	<.001	<.03
07007	<.001	<.03
07008	<.001	<.03
07009	<.001	<.03
07010	<.001	<.03
07011	<.001	<.03
07012	<.001	<.03
07013	<.001	<.03
07014	0.014	0.480
07015	<.001	<.03
07016	<.001	<.03
07017	<.001	<.03
07018	<.001	<.03
07019	<.001	<.03
05683	<.001	<.03
05684	0.006	0.206
05685	0.018	0.617
05686	<.001	<.03
05687	0.164	5.623

21 **Splits**

Std OxL78	0.172	5.897
Blank	<.001	<.03

Certified Assayer: Carla Johnson

PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **11179**

Job No. 0-155

Date:
Sept. 15, 2011

Splits

Sample #	**Au Oz/ton**	**g/tonne**
05688	<.001	<.03
05689	<.001	<.03
05690	<.001	<.03
05691	<.001	<.03
05692	<.001	<.03
05693	<.001	<.03
05694	<.001	<.03
05695	<.001	<.03
05696	<.001	<.03
05697	<.001	<.03
05698	<.001	<.03
05699	<.001	<.03
05700	<.001	<.03
05701	<.001	<.03
05702	<.001	<.03
05703	<.001	<.03
05704	<.001	<.03
05705	<.001	<.03
05706	<.001	<.03
05707	<.001	<.03
05708	<.001	<.03
05709	<.001	<.03

22 **Splits**

Std OxL78	0.172	5.897
Blank	<.001	<.03

Certified Assayer: Carla Johnson

PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **11180**

Job No. 0-155

Date:
Sept. 15, 2011

Splits

Sample #	**Au Oz/ton**	**g/tonne**
05710	0.050	1.714
05711	<.001	<.03
05712	<.001	<.03
05713	<.001	<.03
05714	<.001	<.03
05715	<.001	<.03
05716	<.001	<.03
05717	<.001	<.03
05718	<.001	<.03
05719	<.001	<.03
05720	<.001	<.03
05721	<.001	<.03
05722	<.001	<.03
05723	<.001	<.03
05724	<.001	<.03
05725	<.001	<.03
05726	0.010	0.343
05727	<.001	<.03
05728	<.001	<.03
05729	<.001	<.03
05730	<.001	<.03
05731	<.001	<.03

22 **Splits**

Std OxL78	0.170	5.829
Blank	<.001	<.03

Certified Assayer: Julie Johnson

PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **11181**

Job No. 0-155

Date:
Sept. 15, 2011

Splits

Sample #	**Au Oz/ton**	**g/tonne**
05732	<.001	<.03
05733	0.010	0.343
05734	<.001	<.03
05735	0.166	5.691
05736	<.001	<.03
05737	<.001	<.03
05738	<.001	<.03
05739	0.018	0.617
05740	<.001	<.03
05741	<.001	<.03
05742	<.001	<.03
05743	<.001	<.03
05744	<.001	<.03
05745	<.001	<.03
05746	<.001	<.03
05747	<.001	<.03
05748	<.001	<.03
05749	<.001	<.03
05750	<.001	<.03
05751	<.001	<.03
05752	0.004	0.137

21 **Splits**

Std OxL78	0.170	5.829
Blank	<.001	<.03

Certified Assayer: Carla Johnson

PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **11182**

Job No. 0-155

Date:
Sept. 15, 2011

Splits

Sample #	**Au Oz/ton**	**g/tonne**
05753	<.001	<.03
05754	<.001	<.03
05755	<.001	<.03
05756	<.001	<.03
05757	<.001	<.03
05758	<.001	<.03
05759	<.001	<.03
05760	0.052	1.783
05761	<.001	<.03
05762	<.001	<.03
05763	<.001	<.03
05764	<.001	<.03
05765	0.026	0.891
05766	<.001	<.03
05767	<.001	<.03
05768	0.012	0.411
05769	<.001	<.03
05770	<.001	<.03
05771	<.001	<.03
05772	<.001	<.03
05773	<.001	<.03
05774	<.001	<.03
05775	<.001	<.03
05776	<.001	<.03
05777	<.001	<.03
05778	<.001	<.03
05779	<.001	<.03
05780	<.001	<.03

28 **Splits**

Std OxL78	0.172	5.897
Blank	<.001	<.03

Certified Assayer: Carla Johnson

PolyMet Labs
A Division of Polymet Resources Ltd.

1 Presley St, P.O. Box 699, Cobalt, Ontario, Canada P0J 1C0
Tel: (705) 679-5500 • Fax: (705) 679-5519
Email: info@polymetinc.com Website: www.polymetinc.com

Certificate of Analysis

Queenston Mining Inc.
(Lebel Project)

We certify that the assay results in the following Certificates are factual and true.

Certificate #'s 11695, 11696, 11697, 11698, 11699, 11700, 11701, 11702, 11703, 11704, 11705, & 11706

Certified by: _____
Chief Assayer

Certified by: _____
President/Manager

Date: November 4, 2011

Disclaimer: The results included on this report relate only to the items tested. The Certificate of Analysis should not be reproduced except in full, without the written approval of the laboratory.

PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **11695**

Job No. 0-155

Date:
Nov. 4, 2011

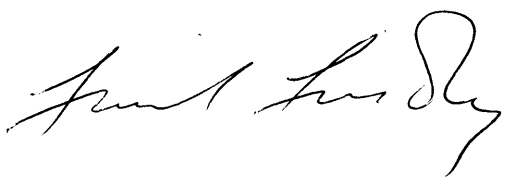
Splits

Sample #	**Au Oz/ton**	**g/tonne**
08576	0.008	0.274
08577	Pend	
08578	Pend	
08579	0.010	0.343
08580	<.001	<.03
08581	<.001	<.03
08582	0.002	0.069
08583	<.001	<.03
08584	<.001	<.03
08585	<.001	<.03
08586	<.001	<.03
08587	<.001	<.03
08588	<.001	<.03
08589	<.001	<.03

12 **Splits**
2 **Pend**

Std OxL 93	0.172	5.897
Blank	<.001	<.03

Certified Assayer:



PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **11696**

Job No. 0-155

Date:
Nov. 4, 2011

Splits

Sample #	**Au Oz/ton**	**g/tonne**
08590	0.008	0.274
08591	0.006	0.206
08592	0.008	0.274
08593	<.001	<.03
08594	<.001	<.03
08595	0.024	0.823
08596	<.001	<.03
08597	0.008	0.274
08598	0.006	0.206
08599	0.008	0.274
08600	<.001	<.03
08601	0.168	5.760
08602	<.001	<.03
08603	<.001	<.03
08604	<.001	<.03
08605	0.010	0.343
08606	0.002	0.069
08607	<.001	<.03
08608	<.001	<.03
08609	<.001	<.03
08610	<.001	<.03

21 **Splits**

Std OxL 93	0.172	5.897
Blank	<.001	<.03

Certified Assayer:

PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **11697**

Job No. 0-155

Date:
Nov. 4, 2011

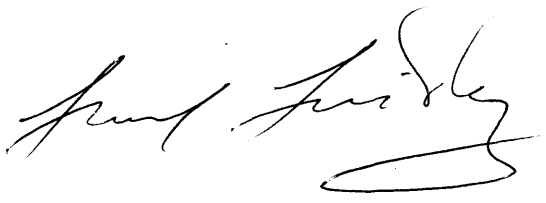
Splits

Sample #	**Au Oz/ton**	**g/tonne**
08611	<.001	<.03
08612	<.001	<.03
08613	<.001	<.03
08614	<.001	<.03
08615	<.001	<.03
08616	<.001	<.03
08617	<.001	<.03
08618	<.001	<.03
08619	<.001	<.03
08620	<.001	<.03
08621	<.001	<.03
08622	Pend	
08623	<.001	<.03
08624	0.050	1.714
08625	0.004	0.137
08626	0.018	0.617
08627	<.001	<.03
08628	<.001	<.03
08629	<.001	<.03
08630	<.001	<.03
08631	<.001	<.03
08632	<.001	<.03

21 **Splits**
1 **Pend**

Std OxL 93	0.174	5.966
Blank	<.001	<.03

Certified Assayer:



PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **11698**

Job No. 0-155

Date:
Nov. 4, 2011

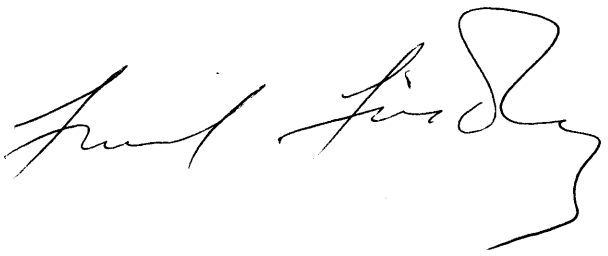
Splits

Sample #	**Au Oz/ton**	**g/tonne**
08633	<.001	<.03
08634	<.001	<.03
08635	<.001	<.03
08636	<.001	<.03
08637	<.001	<.03
08638	<.001	<.03
08639	<.001	<.03
08640	<.001	<.03
08641	<.001	<.03
08642	<.001	<.03
08643	<.001	<.03
08644	<.001	<.03
08645	<.001	<.03
08646	<.001	<.03
08647	0.168	5.760
08648	<.001	<.03
08649	<.001	<.03
08650	<.001	<.03
08651	<.001	<.03
08652	<.001	<.03
08653	<.001	<.03

21 **Splits**

Std OxL 93	0.174	5.966
Blank	<.001	<.03

Certified Assayer:



PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **11699**

Job No. 0-155

Date:
Nov. 4, 2011

Splits

Sample #	**Au Oz/ton**	**g/tonne**
08654	<.001	<.03
08655	<.001	<.03
08656	<.001	<.03
08657	<.001	<.03
08658	<.001	<.03
08659	<.001	<.03
08660	<.001	<.03
08661	<.001	<.03
08662	<.001	<.03
08663	<.001	<.03
08664	<.001	<.03
08665	<.001	<.03
08666	<.001	<.03
08667	<.001	<.03
08668	0.018	0.617
08669	0.012	0.411
08670	0.026	0.891
08671	0.008	0.274
08672	<.001	<.03
08673	0.052	1.783
08674	0.006	0.206
08675	<.001	<.03

22 **Splits**

Std OxL 93	0.170	5.829
Blank	<.001	<.03

Certified Assayer:

PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **11700**

Job No. 0-155

Date:
Nov. 4, 2011

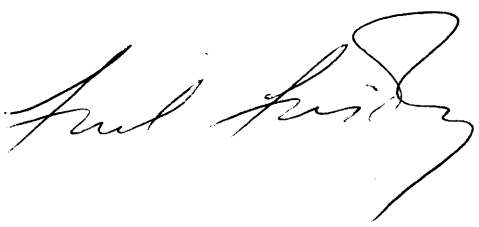
Splits

Sample #	**Au Oz/ton**	**g/tonne**
08676	0.004	0.137
08677	<.001	<.03
08678	<.001	<.03
08679	<.001	<.03
08680	0.002	0.069
08681	<.001	<.03
08682	<.001	<.03
08683	<.001	<.03
08684	<.001	<.03
08685	<.001	<.03
08686	<.001	<.03
08687	<.001	<.03
08688	<.001	<.03
08689	0.016	0.549
08690	0.002	0.069
08691	<.001	<.03
08692	<.001	<.03
08693	<.001	<.03
08694	0.172	5.897
08695	<.001	<.03
08696	<.001	<.03
08697	<.001	<.03

22 **Splits**

Std OxL 93	0.170	5.829
Blank	<.001	<.03

Certified Assayer:



PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **11701**

Job No. 0-155

Date:
Nov. 4, 2011

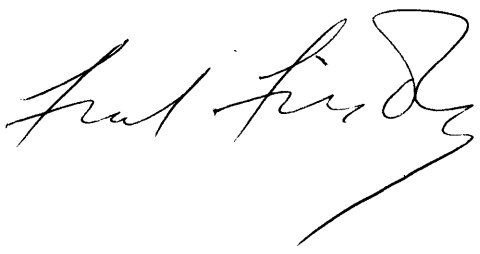
Splits

Sample #	**Au Oz/ton**	**g/tonne**
08698	<.001	<.03
08699	<.001	<.03
08700	<.001	<.03
08701	<.001	<.03
08702	<.001	<.03
08703	<.001	<.03
08704	0.006	0.206
08705	0.008	0.274
08706	<.001	<.03
08707	<.001	<.03
08708	<.001	<.03
08709	0.024	0.823
08710	<.001	<.03
08711	<.001	<.03
08712	0.024	0.823
08713	0.010	0.343
08714	<.001	<.03
08715	0.030	1.029
08716	<.001	<.03
08717	<.001	<.03
08718	<.001	<.03

21 **Splits**

Std OxL 93	0.174	5.966
Blank	<.001	<.03

Certified Assayer:



PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **11702**

Job No. 0-155

Date:
Nov. 4, 2011

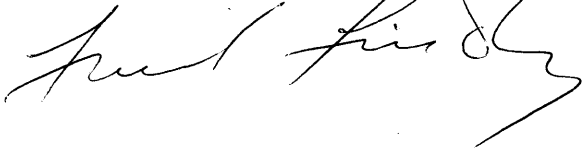
Splits

Sample #	**Au Oz/ton**	**g/tonne**
08719	0.012	0.411
08720	0.024	0.823
08721	0.010	0.343
08722	0.004	0.137
08723	Pend	
08724	Pend	
08725	0.050	1.714
08726	<.001	<.03
08727	<.001	<.03
09038	0.048	1.646
09039	<.001	<.03
09040	<.001	<.03
09041	<.001	<.03
09042	<.001	<.03
09043	<.001	<.03
09044	<.001	<.03
09045	<.001	<.03
09046	<.001	<.03
09047	0.002	0.069
09048	<.001	<.03
09049	<.001	<.03
09050	<.001	<.03
09051	<.001	<.03
09052	<.001	<.03
09053	<.001	<.03
09054	<.001	<.03
09055	<.001	<.03
09056	<.001	<.03
09057	<.001	<.03

27 **Splits**
2 **Pend**

Std OxL 93	0.174	5.966
Blank	<.001	<.03

Certified Assayer:



PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **11703**

Job No. 0-155

Date:
Nov. 4, 2011

Splits

Sample #	**Au Oz/ton**	**g/tonne**
09058	<.001	<.03
09059	<.001	<.03
09060	<.001	<.03
09061	<.001	<.03
09062	<.001	<.03
09063	<.001	<.03
09064	<.001	<.03
09065	<.001	<.03
09066	<.001	<.03
09067	<.001	<.03
09068	<.001	<.03
09069	<.001	<.03
09070	<.001	<.03
09071	<.001	<.03
09072	<.001	<.03
09073	0.170	5.829
09074	0.020	0.686
09075	0.006	0.206
09076	0.002	0.069
09077	0.006	0.206
09078	0.004	0.137

21 **Splits**

Std OxL 93	0.172	5.897
Blank	<.001	<.03

Certified Assayer:

PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **11704**

Job No. 0-155

Date:
Nov. 4, 2011

Splits

Sample #	**Au Oz/ton**	**g/tonne**
09079	0.002	0.069
09080	0.012	0.411
09081	<.001	<.03
09082	0.008	0.274
09083	<.001	<.03
09084	<.001	<.03
09085	0.002	0.069
09086	0.014	0.480
09101	0.002	0.069
09102	<.001	<.03
09103	<.001	<.03
09104	<.001	<.03
09087	<.001	<.03
09088	0.052	1.783
09089	<.001	<.03
09090	<.001	<.03
09091	0.016	0.549
09092	0.004	0.137
09093	<.001	<.03
09094	<.001	<.03
09095	0.004	0.137
09096	<.001	<.03

22 **Splits**

Std OxL 93	0.168	5.760
Blank	<.001	<.03

Certified Assayer:

PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **11705**

Job No. 0-155

Date:
Nov. 4, 2011

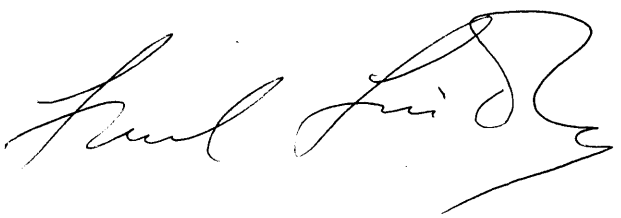
Splits

Sample #	**Au Oz/ton**	**g/tonne**
09097	0.018	0.617
09098	0.002	0.069
09099	<.001	<.03
09100	<.001	<.03
09105	<.001	<.03
09106	<.001	<.03
09107	<.001	<.03
09108	<.001	<.03
09109	0.002	0.069
09010	0.172	5.897
09110	0.002	0.069
09111	0.012	0.411
09112	0.008	0.274
09113	0.004	0.137
09114	0.002	0.069

15 **Splits**

Std OxL 93	0.168	5.760
Blank	<.001	<.03

Certified Assayer:



PolyMet Laboratories

		Client:	Queenston (Lebel Project)
CERTIFICATE	**11706**	Job No.	0-155

Date:
Nov. 4, 2011

	Original		**Check**	
Sample #	**Au Oz/ton**	**Au g/tonne**	**Au Oz/ton**	**Au g/tonne**
08577	0.036	1.234	0.036	1.234
08578	0.070	2.400	0.066	2.263
08622	0.120	4.114	0.126	4.320
08723	0.056	1.920	0.050	1.714
08724	0.032	1.097	0.030	1.029

5 + 10

Certified Assayer:

PolyMet Labs
A Division of Polymet Resources Ltd.

1 Presley St, P.O. Box 699, Cobalt, Ontario, Canada P0J 1C0
Tel: (705) 679-5500 • Fax: (705) 679-5519
Email: info@polymetinc.com Website: www.polymetinc.com

Certificate of Analysis

Queenston Mining Inc.
(Lebel Project)

We certify that the assay results in the following Certificates are factual and true.

Certificate #'s 11844, 11845, 11846, 11847, 11848, 11849, 11850, 11851, 11857, 11858, 11859, & 11860

Certified by: _____
Chief Assayer

Certified by: _____
President/Manager

Date: November 21, 2011

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PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **11844**

Job No. 0-155

Date:
Nov. 18, 2011

Splits

Sample #	**Au Oz/ton**	**g/tonne**
08925	<.001	<.03
08926	<.001	<.03
08927	<.001	<.03
08928	<.001	<.03
08929	<.001	<.03
08930	<.001	<.03
08931	<.001	<.03
08932	<.001	<.03
08933	<.001	<.03
08934	0.004	0.137
08935	<.001	<.03
08936	0.020	0.686
08937	<.001	<.03
08938	0.008	0.274
08939	<.001	<.03
08940	<.001	<.03
08941	<.001	<.03
08942	<.001	<.03
08943	<.001	<.03
08944	<.001	<.03
08945	0.172	5.897
08946	<.001	<.03
08947	<.001	<.03
08948	<.001	<.03
08949	<.001	<.03

25 **Splits**

Std OxL 93	0.178	6.103
Blank	<.001	<.03

Certified Assayer:



PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **11845**

Job No. 0-155

Date:
Nov. 18, 2011

Splits

Sample #	**Au Oz/ton**	**g/tonne**
08950	<.001	<.03
08951	<.001	<.03
08952	<.001	<.03
08953	<.001	<.03
08954	<.001	<.03
08955	<.001	<.03
08956	<.001	<.03
08957	<.001	<.03
08958	<.001	<.03
08959	<.001	<.03
08960	<.001	<.03
08961	<.001	<.03
08962	<.001	<.03
08963	0.024	0.823
08964	<.001	<.03
08965	<.001	<.03
08966	<.001	<.03
08967	<.001	<.03
08968	<.001	<.03
08969	<.001	<.03
08970	<.001	<.03

21 **Splits**

Std OxL 93	0.178	6.103
Blank	<.001	<.03

Certified Assayer:



PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **11846**

Job No. 0-155

Date:
Nov. 18, 2011

Splits

Sample #	**Au Oz/ton**	**g/tonne**
08971	0.058	1.989
08972	0.006	0.206
08973	<.001	<.03
08974	<.001	<.03
08975	Pend	
08976	0.020	0.686
08977	<.001	<.03
08978	0.012	0.411
08979	0.018	0.617
08980	0.002	0.069
08981	<.001	<.03
08982	0.002	0.069
08983	<.001	<.03
08984	<.001	<.03
08985	<.001	<.03
08986	<.001	<.03
06957	<.001	<.03
08987	Pend	
08988	Pend	
08989	0.020	0.686
08990	0.002	0.069
08991	0.004	0.137

19 **Splits**
3 **Pend**

Std OxL 93	0.178	6.103
Blank	<.001	<.03

Certified Assayer:

PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **11847**

Job No. 0-155

Date:
Nov. 18, 2011

Splits

Sample #	**Au Oz/ton**	**g/tonne**
08992	<.001	<.03
08993	0.024	0.823
08994	0.020	0.686
08995	0.002	0.069
08996	<.001	<.03
08997	0.164	5.623
08998	0.002	0.069
08999	<.001	<.03
09000	Pend	
09401	Pend	
09402	<.001	<.03
09403	<.001	<.03
09404	<.001	<.03
09405	<.001	<.03
09406	<.001	<.03
06958	<.001	<.03
09407	<.001	<.03
09408	<.001	<.03
09409	<.001	<.03
09410	<.001	<.03
09411	<.001	<.03
09227	<.001	<.03

20 **Splits**
2 **Pend**

Std OxL 93	0.178	6.103
Blank	<.001	<.03

Certified Assayer:

PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **11848**

Job No. 0-155

Date:
Nov. 18, 2011

Splits

Sample #	**Au Oz/ton**	**g/tonne**
09228	<.001	<.03
09229	<.001	<.03
09230	<.001	<.03
09231	<.001	<.03
09232	<.001	<.03
09233	<.001	<.03
09234	<.001	<.03
09235	<.001	<.03
09236	<.001	<.03
09237	<.001	<.03
09238	<.001	<.03
09239	<.001	<.03
09240	<.001	<.03
09241	0.002	0.069
09242	<.001	<.03
09243	<.001	<.03
09244	<.001	<.03
09245	<.001	<.03
09246	<.001	<.03
09247	<.001	<.03
09248	<.001	<.03

21 **Splits**

Std OxL 93	0.178	6.103
Blank	<.001	<.03

Certified Assayer:

PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **11849**

Job No. 0-155

Date:
Nov. 18, 2011

Splits

Sample #	**Au Oz/ton**	**g/tonne**
09249	<.001	<.03
09250	<.001	<.03
09251	<.001	<.03
09252	0.174	5.966
09253	0.002	0.069
09254	<.001	<.03
09255	<.001	<.03
09256	<.001	<.03
09257	<.001	<.03
09258	<.001	<.03
09259	<.001	<.03
3307	Pend	
3308	Pend	
3309	0.024	0.823
09260	<.001	<.03
09261	<.001	<.03
09262	<.001	<.03
09263	<.001	<.03
09264	<.001	<.03
09265	<.001	<.03
09266	<.001	<.03
09267	<.001	<.03

20 **Splits**
2 **Pend**

Std OxL 93	0.178	6.103
Blank	<.001	<.03

Certified Assayer:



PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **11850**

Job No. 0-155

Date:
Nov. 18, 2011

Splits

Sample #	**Au Oz/ton**	**g/tonne**
09268	<.001	<.03
09269	<.001	<.03
09270	<.001	<.03
09271	<.001	<.03
09272	<.001	<.03
09273	<.001	<.03
09274	<.001	<.03
09275	<.001	<.03
09276	0.170	5.829
09277	<.001	<.03
09278	<.001	<.03
09279	<.001	<.03
09280	<.001	<.03
09281	<.001	<.03
09282	<.001	<.03
09283	<.001	<.03
09284	<.001	<.03
09285	<.001	<.03
09286	<.001	<.03
09287	<.001	<.03
09412	<.001	<.03
09413	<.001	<.03

22 **Splits**

Std OxL 93	0.176	6.034
Blank	<.001	<.03

Certified Assayer:

PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **11851**

Job No. 0-155

Date:
Nov. 18, 2011

Splits

Sample #	**Au Oz/ton**	**g/tonne**
09414	<.001	<.03
09415	<.001	<.03
09416	<.001	<.03
09417	<.001	<.03
09418	<.001	<.03
06960	<.001	<.03
06961	<.001	<.03
06962	<.001	<.03
06963	<.001	<.03
06964	0.002	0.069
06965	<.001	<.03
06966	Pend	
06967	<.001	<.03
06968	<.001	<.03
06969	<.001	<.03
06970	<.001	<.03
06971	<.001	<.03
06972	<.001	<.03
06973	<.001	<.03
06974	<.001	<.03
06975	<.001	<.03

Std OxL 93	0.176	6.034
Blank	<.001	<.03

20 **Splits**
1 **Pend**

Certified Assayer:



PolyMet Laboratories

CERTIFICATE **11857**

Client: Queenston (Lebel Project)
Job No. 0-155

Date:
Nov. 18, 2011

	Original		Check	
Sample #	**Au Oz/ton**	**Au g/tonne**	**Au Oz/ton**	**Au g/tonne**
08975	0.070	2.400	0.056	1.920
08987	0.034	1.166	0.040	1.371
08988	0.190	6.514	0.146	5.006
09000	0.034	1.166	0.030	1.029
09401	0.034	1.166	0.032	1.097
3307	0.034	1.166	0.030	1.029
3308	0.084	2.880	0.084	2.880
06966	0.042	1.440	0.046	1.577

8 + 16

Certified Assayer: Carla Johnson

PolyMet Laboratories

Client: Queenston (Lebel Project)
Job No. 0-155

CERTIFICATE **11858**

Date:
Nov. 21, 2011

Splits

Sample #	**Au Oz/ton**	**g/tonne**
06976	0.002	0.069
06977	<.001	<.03
06978	0.016	0.549
06979	0.004	0.137
06980	0.032	1.097
2534	0.010	0.343
06981	Pend	
06982	0.024	0.823
06983	<.001	<.03
06984	<.001	<.03
06985	<.001	<.03
06986	0.006	0.206
06987	0.014	0.480
06988	0.004	0.137
06989	0.008	0.274
06990	<.001	<.03
06991	0.010	0.343
06992	<.001	<.03
06993	0.006	0.206
06994	0.006	0.206
06995	<.001	<.03
06996	<.001	<.03

21 **Splits**
1 **Pend**

Std OxL 93	0.172	5.897
Blank	<.001	<.03

Certified Assayer: Carla Johnson

PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **11859**

Job No. 0-155

Date:
Nov. 21, 2011

Splits

Sample #	**Au Oz/ton**	**g/tonne**
06997	0.002	0.069
06998	0.006	0.206
06999	<.001	<.03
07000	<.001	<.03
12451	<.001	<.03
09419	<.001	<.03
09420	<.001	<.03
09421	<.001	<.03
09422	0.052	1.783
09423	<.001	<.03
09424	<.001	<.03
09425	<.001	<.03
09426	<.001	<.03
09427	<.001	<.03
09428	<.001	<.03
09429	<.001	<.03
09430	<.001	<.03
09431	0.008	0.274

18 **Splits**

Std OxL 93	0.172	5.897
Blank	<.001	<.03

Certified Assayer: Carla Johnston

PolyMet Laboratories

CERTIFICATE **11860**

Client: Queenston (Lebel Project)
Job No. 0-155

Date:
Nov. 21, 2011

Sample #	Original Au Oz/ton	Original Au g/tonne	Check Au Oz/ton	Check Au g/tonne
06981	0.104	3.566	0.084	2.880

1 + 2

Certified Assayer: Karla Johnson

PolyMet Labs
A Division of Polymet Resources Ltd.

1 Presley St, P.O. Box 699, Cobalt, Ontario, Canada P0J 1C0
Tel: (705) 679-5500 • Fax: (705) 679-5519
Email: info@polymetinc.com Website: www.polymetinc.com

Certificate of Analysis

Queenston Mining Inc.
(Vault Division)

We certify that the assay results in the following Certificates are factual and true.

Certificate #'s 9400, 9401, 9402, 9403, 9404 2011, 9405 2011, 9406, 9407, 9408, & 9409 2011

Certified by: _____
Chief Assayer

Certified by: _____
President/Manager

Date: Jan. 26, 2011

Disclaimer: The results included on this report relate only to the items tested. The Certificate of Analysis should not be reproduced except in full, without the written approval of the laboratory.

PolyMet Laboratories

Client: Queenston (Vault Div.)

CERTIFICATE 9404

Job No. 0-155

Date:
Jan. 26, 2011

Splits

Sample #	**Au Oz/ton**	**g/tonne**
51963	0.014	0.480
51964	0.016	0.549
51965	Pend	
51966	<.001	<.03
51967	Pend	
51968	0.012	0.411
51969	0.008	0.274
51970	0.018	0.617
51971	Pend	
51972	0.026	0.891
51973	0.026	0.891
51974	0.014	0.480
51975	0.002	0.069
51976	0.026	0.891
51977	0.008	0.274
51978	<.001	<.03
51979	<.001	<.03
52206	<.001	<.03
52207	<.001	<.03
52208	0.008	0.274
52209	<.001	<.03

18 **Splits**
3 **Pend**

Std OxN 77	0.232	7.954
Blank	<.001	<.03

Certified Assayer:



PolyMet Laboratories

Client: Queenston (Vault Div.)

CERTIFICATE 9405

Job No. 0-155

Date:
Jan. 26, 2011

Splits

Sample #	**Au Oz/ton**	**g/tonne**
52210	<.001	<.03
52211	0.002	0.069
52212	0.050	1.714
52213	<.001	<.03
52214	<.001	<.03
52215	<.001	<.03
52216	<.001	<.03
52217	<.001	<.03
52218	0.002	0.069
52219	<.001	<.03
52220	0.169	5.794
52221	<.001	<.03
52222	<.001	<.03
52223	Pend	
52224	<.001	<.03
52225	0.018	0.617
52226	Pend	
52227	<.001	<.03
52228	<.001	<.03
52229	<.001	<.03
52230	<.001	<.03
52231	0.006	0.206

20 **Splits**
2 **Pend**

Std OxN 77	0.232	7.954
Blank	<.001	<.03

Certified Assayer:

PolyMet Laboratories

Client: Queenston (Vault Div.)

CERTIFICATE **9409** Job No. 0-155

Date:
Jan. 26, 2011

	Original		**Check**	
Sample #	**Au Oz/ton**	**g/tonne**	**Au Oz/ton**	**g/tonne**
51877	0.052	1.783	0.062	2.126
51879	0.084	2.880	0.068	2.331
51883	0.030	1.029	0.030	1.029
51884	0.056	1.920	0.058	1.989
51886	0.060	2.057	0.056	1.920
51887	0.050	1.714	0.050	1.714
51888	0.142	4.869	0.130	4.457
51965	0.040	1.371	0.036	1.234
51967	0.084	2.880	0.078	2.674
51971	0.052	1.783	0.048	1.646
52223	0.036	1.234	0.030	1.029
52226	0.042	1.440	0.042	1.440
52253	2.090	71.658	1.830	62.743

13 + 26

Certified Assayer:

PolyMet Laboratories

Client: Queenston (Vault Div.)

CERTIFICATE 9406

Job No. 0-155

Date:
Jan. 26, 2011

Splits

Sample #	**Au Oz/ton**	**g/tonne**
52232	<.001	<.03
52233	<.001	<.03
52234	0.004	0.137
52235	<.001	<.03
52236	0.051	1.749
52237	<.001	<.03
52238	<.001	<.03
52239	<.001	<.03
52240	0.002	0.069
52241	0.010	0.343
52242	<.001	<.03
52243	<.001	<.03
52244	0.008	0.274
52245	<.001	<.03
52246	0.006	0.206
52247	0.004	0.137
52248	<.001	<.03
52249	0.002	0.069
52250	0.168	5.760
52251	0.002	0.069
52252	<.001	<.03
52253	Pend	

21 **Splits**
1 **Pend**

Std OxN 77	0.232	7.954
Blank	<.001	<.03

Certified Assayer:



PolyMet Labs
A Division of Polymet Resources Ltd.

1 Presley St, P.O. Box 699, Cobalt, Ontario, Canada P0J 1C0
Tel: (705) 679-5500 • Fax: (705) 679-5519
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Certificate of Analysis

Queenston Mining Inc.
(Vault Division)

We certify that the assay results in the following Certificates are factual and true.

Certificate #'s 9438, 9439, 9440, 9441, 9442, 9443, 9444, 9445, & 9446

Certified by: _____
Chief Assayer

Certified by: _____
President/Manager

Date: Jan. 28, 2011

Disclaimer: The results included on this report relate only to the items tested. The Certificate of Analysis should not be reproduced except in full, without the written approval of the laboratory.

PolyMet Laboratories

Client: Queenston (Vault Div.)

CERTIFICATE 9440 Job No. 0-155

Date: **Splits**
Jan. 28, 2011

Sample #	**Au Oz/ton**	**g/tonne**
48335	<.001	<.03
48336	<.001	<.03
48337	0.016	0.549
48338	<.001	<.03
52863	<.001	<.03
52864	<.001	<.03
52865	<.001	<.03
52866	<.001	<.03
52867	0.004	0.137
52868	<.001	<.03
52869	0.004	0.137
52870	<.001	<.03
52871	<.001	<.03
52872	0.166	5.691
52873	<.001	<.03
52874	0.014	0.480
48427	<.001	<.03
48428	0.004	0.137
48429	<.001	<.03
48430	<.001	<.03
48431	<.001	<.03
48432	<.001	<.03

2011 BG

22 **Splits**

Std OxN 77	0.234	8.023
Blank	<.001	<.03

Certified Assayer:

PolyMet Laboratories

Client: Queenston (Vault Div.)

CERTIFICATE 9441

Job No. 0-155

Date:
Jan. 28, 2011

Splits

Sample #	**Au Oz/ton**	**g/tonne**
48433	<.001	<.03
48434	0.004	0.137
48435	<.001	<.03
48436	Pend	
48437	<.001	<.03
48438	<.001	<.03
48439	0.165	5.657
48440	<.001	<.03
48441	<.001	<.03
48442	0.002	0.069
48443	<.001	<.03
48444	<.001	<.03
48445	<.001	<.03
48446	<.001	<.03
52273	<.001	<.03
52274	<.001	<.03
52275	<.001	<.03
52276	0.048	1.646
52277	<.001	<.03
52278	<.001	<.03
52279	<.001	<.03

2011 BG

20 **Splits**
1 **Pend**

Std OxN 77	0.234	8.023
Blank	<.001	<.03

Certified Assayer:

PolyMet Laboratories

Client: Queenston (Vault Div.)

CERTIFICATE 9442

Job No. 0-155

Date:
Jan. 28, 2011

Splits

Sample #	**Au Oz/ton**	**g/tonne**
52280	<.001	<.03
52281	<.001	<.03
52282	<.001	<.03
52283	<.001	<.03
52284	<.001	<.03
52285	<.001	<.03
52286	0.002	0.069
52287	0.002	0.069
52288	<.001	<.03
52289	0.018	0.617
52290	<.001	<.03
52291	<.001	<.03
52292	<.001	<.03
52293	0.008	0.274
52294	0.018	0.617
52295	<.001	<.03
52296	0.166	5.691
52297	0.004	0.137
52298	<.001	<.03
52299	<.001	<.03
52300	0.002	0.069
52301	<.001	<.03

22 **Splits**

Std OxN 77	0.230	7.886
Blank	<.001	<.03

Certified Assayer:

PolyMet Laboratories

Client: Queenston (Vault Div.)

CERTIFICATE 9443

Job No. 0-155

Date:
Jan. 28, 2011

Splits

Sample #	**Au Oz/ton**	**g/tonne**
53002	<.001	<.03
53003	<.001	<.03
53004	<.001	<.03
53005	<.001	<.03
53006	0.002	0.069
53007	0.050	1.714
53008	0.004	0.137
53009	0.006	0.206
53010	<.001	<.03
53011	Pend	
53012	<.001	<.03
53013	<.001	<.03
53014	<.001	<.03
53015	0.014	0.480
53016	<.001	<.03
53017	<.001	<.03
52832	0.006	0.206
52833	0.002	0.069
52834	0.002	0.069
52835	<.001	<.03
52836	0.008	0.274
52837	0.006	0.206

21 **Splits**
1 **Pend**

Std OxN 77	0.230	7.886
Blank	<.001	<.03

Certified Assayer:



PolyMet Laboratories

Client: Queenston (Vault Div.)

CERTIFICATE 9444 Job No. 0-155

Date:
Jan. 28, 2011

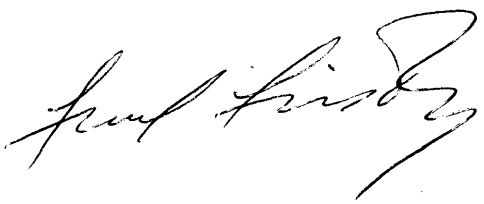
Splits

Sample #	**Au Oz/ton**	**g/tonne**
52838	<.001	<.03
52839	<.001	<.03
52840	<.001	<.03
52841	<.001	<.03
52842	0.002	0.069
52843	0.004	0.137
52844	<.001	<.03
52845	<.001	<.03
52846	<.001	<.03
52847	0.169	5.794
52848	<.001	<.03
52849	0.020	0.686
52850	0.016	0.549
52851	0.002	0.069
52852	0.002	0.069
52853	<.001	<.03
52854	0.008	0.274
52855	<.001	<.03
52856	<.001	<.03
52857	<.001	<.03
52858	<.001	<.03

21 **Splits**

Std OxN 77	0.230	7.886
Blank	<.001	<.03

Certified Assayer:



PolyMet Laboratories

Client: Queenston (Vault Div.)

CERTIFICATE 9445

Job No. 0-155

Date:
Jan. 28, 2011

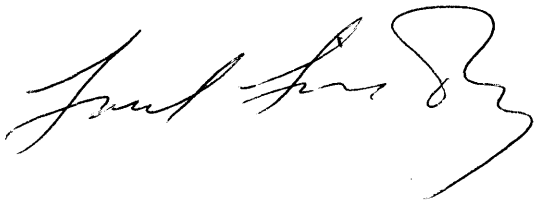
Splits

Sample #	**Au Oz/ton**	**g/tonne**
52859	<.001	<.03
52860	<.001	<.03
52861	<.001	<.03
52862	<.001	<.03
53024	<.001	<.03
53025	Pend	
53026	<.001	<.03
53027	0.002	0.069
53028	0.006	0.206
53029	<.001	<.03
53030	<.001	<.03
53031	<.001	<.03
53032	<.001	<.03
53033	<.001	<.03
53034	<.001	<.03
53035	<.001	<.03
53036	<.001	<.03

16 **Splits**
1 **Pend**

Std OxN 77	0.230	7.886
Blank	<.001	<.03

Certified Assayer:



PolyMet Laboratories

Client: Queenston (Vault Div.)

CERTIFICATE **9446**

Job No. 0-155

Date:
Jan. 28, 2011

	Original		**Check**	
Sample #	**Au Oz/ton**	**g/tonne**	**Au Oz/ton**	**g/tonne**
48304	0.038	1.303	0.046	1.577
48309	0.120	4.114	0.084	2.880
48310	0.032	1.097	0.024	0.823
48311	0.030	1.029	0.026	0.891
48313	0.058	1.989	0.060	2.057
48316	0.034	1.166	0.030	1.029
48617	0.046	1.577	0.042	1.440
48326	0.042	1.440	0.056	1.920
48327	0.034	1.166	0.028	0.960
48330	0.032	1.097	0.030	1.029
48331	0.236	8.091	0.144	4.937
48436	0.184	6.309	0.128	4.389
53011	0.038	1.303	0.038	1.303
53025	0.128	4.389	0.136	4.663

14 + 28

Certified Assayer:

PolyMet Labs
A Division of Polymet Resources Ltd.

1 Presley St, P.O. Box 699, Cobalt, Ontario, Canada P0J 1C0
Tel: (705) 679-5500 • Fax: (705) 679-5519
Email: info@polymetinc.com Website: www.polymetinc.com

Certificate of Analysis

Queenston Mining Inc.
(Vault Division)

We certify that the assay results in the following Certificates are factual and true.

Certificate #'s 9458, 9459, 9460, 9461, 9462, 9463, 9464, 9465, 9466, 9467, & 9468

Certified by: _____
Chief Assayer

Certified by: _____
President/Manager

Date: Jan. 31, 2011

Disclaimer: The results included on this report relate only to the items tested. The Certificate of Analysis should not be reproduced except in full, without the written approval of the laboratory.

PolyMet Laboratories

Client: Queenston (Vault Div.)

CERTIFICATE 9466

Job No. 0-155

Date:
Jan. 31, 2011

Splits

Sample #	**Au Oz/ton**	**g/tonne**
53093	<.001	<.03
53094	0.016	0.549
53095	0.006	0.206
53096	<.001	<.03
53097	<.001	<.03
53098	<.001	<.03
53099	<.001	<.03
53100	0.004	0.137
53101	<.001	<.03
53102	<.001	<.03
53103	<.001	<.03
53104	<.001	<.03
53105	<.001	<.03
53106	<.001	<.03
53107	<.001	<.03
53108	0.168	5.760
53109	<.001	<.03
53110	<.001	<.03
53111	0.002	0.069
53112	<.001	<.03
52875	<.001	<.03
52876	0.004	0.137

22 **Splits**

Std OxN 77	0.234	8.023
Blank	<.001	<.03

Certified Assayer:

PolyMet Laboratories

Client: Queenston (Vault Div.)

CERTIFICATE 9467 Job No. 0-155

Date:
Jan. 31, 2011

Splits

Sample #	**Au Oz/ton**	**g/tonne**
52877	0.012	0.411
52878	0.012	0.411
52879	0.008	0.274
52880	0.006	0.206
52881	0.004	0.137
52882	<.001	<.03
52883	0.024	0.823
52884	<.001	<.03
52885	0.006	0.206
52886	<.001	<.03
52887	<.001	<.03
52888	<.001	<.03
52889	0.010	0.343
52890	<.001	<.03
52891	0.026	0.891
52892	<.001	<.03
52893	<.001	<.03
52894	<.001	<.03
52895	<.001	<.03
52896	0.018	0.617
52897	0.004	0.137
52898	0.002	0.069
52899	<.001	<.03
52900	0.169	5.794
52901	0.014	0.480

25 **Splits**

Std OxN 77	0.234	8.023
Blank	<.001	<.03

Certified Assayer:

PolyMet Labs
A Division of Polymet Resources Ltd.

1 Presley St, P.O. Box 699, Cobalt, Ontario, Canada P0J 1C0
Tel: (705) 679-5500 • Fax: (705) 679-5519
Email: info@polymetinc.com Website: www.polymetinc.com

Certificate of Analysis

Queenston Mining Inc.
(Vault Division)

We certify that the assay results in the following Certificates are factual and true.

Certificate #'s (2010) 9482, (2010) 9483, (2010) 9484, (2010) 9485, (2010) 9486, (2010) 9487, (2010) 9488, 9489, 9490, 9491, & (2010) 9492 (2011 BG, 2011 ML) (2011 ML) (2010, 2011 BG, 2011 ML)

Certified by: _____
Chief Assayer

Certified by: _____
President/Manager

Date: Feb. 1, 2011

Disclaimer: The results included on this report relate only to the items tested. The Certificate of Analysis should not be reproduced except in full, without the written approval of the laboratory.

PolyMet Laboratories

Client: Queenston (Vault Div.)

CERTIFICATE 9489

Job No. 0-155

Date:
Feb. 1, 2011

Splits

Sample #	**Au Oz/ton**	**g/tonne**
52903	Pend	
52904	<.001	<.03
52905	0.016	0.549
52906	0.004	0.137
52907	0.002	0.069
52908	<.001	<.03
52909	<.001	<.03
52910	<.001	<.03
52911	<.001	<.03
52912	0.028	0.960
52913	0.008	0.274
52914	0.002	0.069
52915	<.001	<.03
52916	<.001	<.03
52917	<.001	<.03
52918	<.001	<.03
52919	<.001	<.03
52920	<.001	<.03
53113	<.001	<.03
53114	<.001	<.03
53115	0.052	1.783
53116	<.001	<.03

21 **Splits**
1 **Pend**

Std OxN 77	0.232	7.954
Blank	<.001	<.03

Certified Assayer:

PolyMet Laboratories

Client: Queenston (Vault Div.)

CERTIFICATE 9491

Job No. 0-155

Date:
Feb. 1, 2011

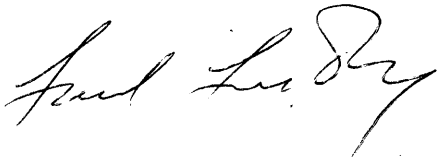
Splits

Sample #	**Au Oz/ton**	**g/tonne**
53139	<.001	<.03
53140	<.001	<.03
53141	<.001	<.03
53142	<.001	<.03
53143	0.002	0.069
53144	<.001	<.03
53145	<.001	<.03
53146	<.001	<.03
53147	<.001	<.03
53148	<.001	<.03
53149	<.001	<.03
53150	0.002	0.069
53151	<.001	<.03
53152	<.001	<.03
52301	<.001	<.03
52302	0.002	0.069
52303	<.001	<.03
52304	<.001	<.03
52305	<.001	<.03
52306	<.001	<.03
52307	<.001	<.03
52308	0.002	0.069
52309	<.001	<.03
52310	<.001	<.03
52311	<.001	<.03
52312	<.001	<.03
52313	<.001	<.03
52314	<.001	<.03
52315	0.008	0.274
52316	<.001	<.03

30 **Splits**
Pend

Std OxN 77	0.234	8.023
Blank	<.001	<.03

Certified Assayer:



PolyMet Labs
A Division of Polymet Resources Ltd.

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Tel: (705) 679-5500 • Fax: (705) 679-5519
Email: info@polymetinc.com Website: www.polymetinc.com

Certificate of Analysis

Queenston Mining Inc.
(Vault Division)

We certify that the assay results in the following Certificates are factual and true.

Certificate #'s 9529, 9530, 9531, 9532, 9533, 9534, 9535, 9536, & 9537

Certified by: _____
Chief Assayer

Certified by: _____
President/Manager

Date: Feb. 8, 2011

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PolyMet Laboratories

Client: Queenston (Vault Div.)

CERTIFICATE 9529 Job No. 0-155

Date:
Feb. 8, 2011

Splits

Sample #	**Au Oz/ton**	**g/tonne**
52976	Pend	
52977	<.001	<.03
52978	0.008	0.274
52979	<.001	<.03
52980	<.001	<.03
52981	<.001	<.03
52982	<.001	<.03
52983	<.001	<.03
52984	0.016	0.549
52985	<.001	<.03
52986	Pend	
52987	<.001	<.03
52988	<.001	<.03
52989	0.166	5.691
52990	<.001	<.03
52991	Pend	
52992	0.004	0.137
52993	<.001	<.03
52994	<.001	<.03
52995	0.006	0.206
52996	<.001	<.03
54145	0.004	0.137
54146	0.004	0.137
54147	0.006	0.206

21 **Splits**
3 **Pend**

Std OxN 77	0.230	7.886
Blank	<.001	<.03

Certified Assayer:

PolyMet Laboratories

Client: Queenston (Vault Div.)

CERTIFICATE 9530 Job No. 0-155

Date:
Feb. 8, 2011

Splits

Sample #	**Au Oz/ton**	**g/tonne**
54148	0.004	0.137
54149	0.002	0.069
54150	<.001	<.03
54151	0.006	0.206
54152	0.002	0.069
54153	Pend	
54154	<.001	<.03
54155	0.002	0.069
54156	<.001	<.03
54157	<.001	<.03
54158	<.001	<.03
54159	<.001	<.03
54160	0.008	0.274
54161	<.001	<.03
54162	0.050	1.714
54163	0.004	0.137
54164	0.006	0.206
54165	<.001	<.03
54166	Pend	
54167	<.001	<.03
54168	<.001	<.03
54169	0.004	0.137

20 **Splits**
2 **Pend**

Std OxN 77	0.230	7.886
Blank	<.001	<.03

Certified Assayer: Emilie Johnson

PolyMet Laboratories

Client: Queenston (Vault Div.)

CERTIFICATE 9531

Job No. 0-155

Date:
Feb. 8, 2011

Splits

Sample #	**Au Oz/ton**	**g/tonne**
54170	<.001	<.03
54171	0.022	0.754
54172	<.001	<.03
54173	<.001	<.03
54174	<.001	<.03
54175	Pend	
54176	<.001	<.03
54177	0.018	0.617
54178	<.001	<.03
54179	<.001	<.03
54180	0.008	0.274
54181	0.020	0.686
54182	0.002	0.069
54183	Pend	
54184	0.002	0.069
54185	<.001	<.03
54186	0.002	0.069
54187	0.165	5.657
54188	<.001	<.03
54189	0.006	0.206
54190	<.001	<.03

19 **Splits**
2 **Pend**

Std OxN 77	0.230	7.886
Blank	<.001	<.03

Certified Assayer: Barbara Johnson

PolyMet Laboratories

Client: Queenston (Vault Div.)

CERTIFICATE 9532

Job No. 0-155

Date:
Feb. 8, 2011

Splits

Sample #	**Au Oz/ton**	**g/tonne**
54191	0.002	0.069
54192	<.001	<.03
54193	<.001	<.03
54194	<.001	<.03
54195	<.001	<.03
54196	<.001	<.03
54197	<.001	<.03
54198	<.001	<.03
54199	0.012	0.411
54200	<.001	<.03
54201	<.001	<.03
54202	<.001	<.03
54203	<.001	<.03
52997	<.001	<.03
52998	0.006	0.206
52999	0.004	0.137
53000	0.004	0.137
53351	0.002	0.069
53352	0.006	0.206
53353	0.004	0.137
52928	<.001	<.03
52929	<.001	<.03
52930	Pend	
52931	0.016	0.549
52932	0.018	0.617
52933	0.004	0.137
52934	0.008	0.274

26 **Splits**
1 **Pend**

Std OxN 77	0.232	7.954
Blank	<.001	<.03

Certified Assayer: Linda Johnson

PolyMet Laboratories

Client: Queenston (Vault Div.)

CERTIFICATE 9533 Job No. 0-155

Date:
Feb. 8, 2011

Splits

Sample #	**Au Oz/ton**	**g/tonne**
52935	0.014	0.480
52936	<.001	<.03
52937	<.001	<.03
52938	0.020	0.686
52939	Pend	
52940	<.001	<.03
52941	Pend	
52942	0.002	0.069
52943	0.002	0.069
52944	<.001	<.03
52945	<.001	<.03
52955	<.001	<.03
52946	<.001	<.03
52947	<.001	<.03
52948	<.001	<.03
52949	<.001	<.03
52950	<.001	<.03
52951	0.004	0.137
52952	<.001	<.03
52953	Pend	
52954	0.010	0.343
52956	0.022	0.754

19 **Splits**
3 **Pend**

Std OxN 77	0.234	8.023
Blank	<.001	<.03

Certified Assayer:

PolyMet Laboratories

Client: Queenston (Vault Div.)

CERTIFICATE 9534

Job No. 0-155

Date:
Feb. 8, 2011

Splits

Sample #	**Au Oz/ton**	**g/tonne**
52957	0.008	0.274
52958	0.012	0.411
52959	0.008	0.274
52960	0.053	1.817
52961	0.010	0.343
52962	0.004	0.137
52963	0.004	0.137
52964	0.002	0.069
52965	0.018	0.617
52966	<.001	<.03
52967	0.008	0.274
52968	0.002	0.069
52969	0.014	0.480
52970	0.016	0.549
52971	<.001	<.03
52972	0.008	0.274
52973	0.010	0.343
52974	0.006	0.206
52975	0.008	0.274

19 **Splits**

Std OxN 77	0.234	8.023
Blank	<.001	<.03

Certified Assayer: Earla Johnson

PolyMet Laboratories

Client: Queenston (Vault Div.)

CERTIFICATE 9535 Job No. 0-155

Date:
Feb. 8, 2011

1/4 Splits

Sample #	**Au Oz/ton**	**g/tonne**
20987	Pend	
20988	0.008	0.274
20989	Pend	
20990	Pend	
20991	Pend	
20992	Pend	
20993	Pend	
20994	<.001	<.03
20995	Pend	
20996	0.008	0.274
20997	0.014	0.480
20998	0.018	0.617
20999	0.002	0.069
21000	Pend	
54951	0.028	0.960
54952	Pend	
34692	Pend	
34693	Pend	
34694	Pend	
34695	Pend	
34696	Pend	
34697	0.014	0.480
34698	0.028	0.960
34699	Pend	
34700	Pend	
20986	Pend	

			9 **1/4 Splits**
Std OxN 77	0.232	7.954	17 **Pend**
Blank	<.001	<.03	

Certified Assayer: Paula Johnson

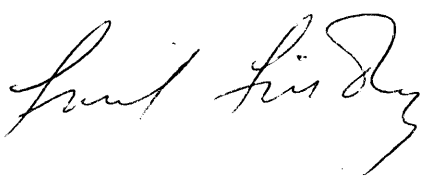
PolyMet Laboratories

			Client:	Queenston (Vault Div.)
CERTIFICATE	**9536**	Splits	Job No.	0-155

Date:
Feb. 8, 2011

	Original		**Check**	
Sample #	**Au Oz/ton**	**g/tonne**	**Au Oz/ton**	**g/tonne**
52976	0.082	2.811	0.084	2.880
52986	0.096	3.291	0.212	7.269
52991	0.062	2.126	0.072	2.469
54153	0.078	2.674	0.072	2.469
54166	0.050	1.714	0.056	1.920
54175	0.112	3.840	0.106	3.634
54183	0.058	1.989	0.078	2.674
52930	0.074	2.537	0.064	2.194
52939	0.066	2.263	0.092	3.154
52941	0.156	5.349	0.164	5.623
52953	0.046	1.577	0.074	2.537

11 + 22

Certified Assayer: 

PolyMet Laboratories

			Client:	Queenston (Vault Div.)
CERTIFICATE	**9537**	1/4 Splits	Job No.	0-155

Date:
Feb. 8, 2011

	Original		**Check**	
Sample #	**Au Oz/ton**	**g/tonne**	**Au Oz/ton**	**g/tonne**
20987	0.120	4.114	0.106	3.634
20989	0.034	1.166	0.034	1.166
20990	0.084	2.880	0.068	2.331
20991	0.140	4.800	0.166	5.691
20992	0.074	2.537	0.072	2.469
20993	0.070	2.400	0.066	2.263
20995	0.086	2.949	0.088	3.017
21000	0.298	10.217	0.592	20.297
54952	0.044	1.509	0.050	1.714
34692	0.040	1.371	0.038	1.303
34693	1.080	37.029	1.092	37.440
34694	0.260	8.914	0.258	8.846
34695	0.110	3.771	0.102	3.497
34696	0.172	5.897	0.292	10.012
34699	0.100	3.429	0.108	3.703
34700	0.170	5.829	0.148	5.074
20986	0.052	1.783	0.068	2.331

17 + 34

Certified Assayer:

PolyMet Labs
A Division of Polymet Resources Ltd.

1 Presley St, P.O. Box 699, Cobalt, Ontario, Canada P0J 1C0
Tel: (705) 679-5500 • Fax: (705) 679-5519
Email: info@polymetinc.com Website: www.polymetinc.com

Certificate of Analysis

Queenston Mining Inc.
(Vault Division)

We certify that the assay results in the following Certificates are factual and true.

Certificate #'s 9588, 9589, 9590, 9591, 9592, 9593, 9594, 9595, & 9596

Certified by: _____
Chief Assayer

Certified by: _____
President/Manager

Date: Feb. 18, 2011

Disclaimer: The results included on this report relate only to the items tested. The Certificate of Analysis should not be reproduced except in full, without the written approval of the laboratory.

PolyMet Laboratories

Client: Queenston (Vault Div.)
Job No. 0-155

CERTIFICATE **9588**

Date:
Feb. 17, 2011

Splits

Sample #	**Au Oz/ton**	**g/tonne**
53202	0.002	0.069
53203	<.001	<.03
53204	0.168	5.760
53205	0.008	0.274
53206	0.014	0.480
53207	Pend	
53208	<.001	<.03

6 **Splits**
1 **Pend**

Std OxN 77	0.232	7.954
Blank	<.001	<.03

Certified Assayer:

PolyMet Laboratories

Client: Queenston (Vault Div.)

CERTIFICATE **9589** Job No. 0-155

Date:
Feb. 17, 2011

Splits

Sample #	**Au Oz/ton**	**g/tonne**
53209	Pend	
53210	0.012	0.411
53211	<.001	<.03
53212	<.001	<.03
53213	<.001	<.03
53214	<.001	<.03
53215	<.001	<.03
53216	<.001	<.03
53217	<.001	<.03
53218	<.001	<.03
53219	0.002	0.069
53220	<.001	<.03
53221	<.001	<.03
53222	0.054	1.851
53223	<.001	<.03
53224	<.001	<.03
53225	0.018	0.617
53226	<.001	<.03
53227	<.001	<.03
53228	<.001	<.03
53229	<.001	<.03
53230	<.001	<.03

21 **Splits**
1 **Pend**

Std OxN 77	0.232	7.954
Blank	<.001	<.03

Certified Assayer:

PolyMet Laboratories

Client: Queenston (Vault Div.)

CERTIFICATE **9590**

Job No. 0-155

Date:
Feb. 17, 2011

Splits

Sample #	**Au Oz/ton**	**g/tonne**
53231	<.001	<.03
53232	0.020	0.686
53233	<.001	<.03
53234	0.008	0.274
53235	0.026	0.891
53236	0.008	0.274
53237	<.001	<.03
53238	<.001	<.03
53239	0.165	5.657
53240	<.001	<.03
53241	0.002	0.069
53242	<.001	<.03
53243	0.002	0.069
53244	<.001	<.03
53245	0.006	0.206
53246	0.014	0.480
53247	0.008	0.274
53248	<.001	<.03
54070	<.001	<.03
54071	<.001	<.03
54072	<.001	<.03

21 **Splits**

Std OxN 77	0.232	7.954
Blank	<.001	<.03

Certified Assayer:

PolyMet Laboratories

Client: Queenston (Vault Div.)

CERTIFICATE **9591**

Job No. 0-155

Date:
Feb. 17, 2011

Splits

Sample #	**Au Oz/ton**	**g/tonne**
54073	<.001	<.03
54074	<.001	<.03
54075	<.001	<.03
54076	<.001	<.03
54077	<.001	<.03
54078	Pend	
54079	<.001	<.03
54080	0.008	0.274
54081	0.004	0.137
54082	0.008	0.274
54083	0.006	0.206
54084	0.002	0.069
54085	<.001	<.03
54086	0.006	0.206
54087	0.004	0.137
54088	0.012	0.411
54089	<.001	<.03
54961	Pend	
54090	<.001	<.03
54091	0.051	1.749
54092	0.004	0.137
54093	0.002	0.069

20 **Splits**
2 **Pend**

Std OxN 77	0.232	7.954
Blank	<.001	<.03

Certified Assayer:

PolyMet Laboratories

Client: Queenston (Vault Div.)

CERTIFICATE **9592**

Job No. 0-155

Date:
Feb. 17, 2011

Splits

Sample #	**Au Oz/ton**	**g/tonne**
54094	<.001	<.03
54095	<.001	<.03
54096	<.001	<.03
54953	Pend	
54954	Pend	
54955	Pend	
54956	0.028	0.960
54097	<.001	<.03
54098	<.001	<.03
54099	0.002	0.069
54100	<.001	<.03
54101	<.001	<.03
54102	<.001	<.03
54103	<.001	<.03
54104	<.001	<.03
54105	<.001	<.03
54106	<.001	<.03
54107	<.001	<.03
54108	<.001	<.03
54109	<.001	<.03
54110	0.006	0.206
54111	<.001	<.03

19 **Splits**
3 **Pend**

Std OxN 77	0.232	7.954
Blank	<.001	<.03

Certified Assayer:

PolyMet Laboratories

Client: Queenston (Vault Div.)

CERTIFICATE **9593**

Job No. 0-155

Date:
Feb. 17, 2011

Splits

Sample #	**Au Oz/ton**	**g/tonne**
54112	<.001	<.03
54113	<.001	<.03
54114	<.001	<.03
54115	<.001	<.03
54116	0.168	5.760
54117	<.001	<.03
54118	<.001	<.03
54119	0.014	0.480
54120	<.001	<.03
54121	0.024	0.823
54122	0.004	0.137
54123	0.022	0.754
54124	<.001	<.03
54125	<.001	<.03
54126	<.001	<.03
54127	0.006	0.206
54128	<.001	<.03
54129	<.001	<.03
54130	<.001	<.03
54131	<.001	<.03
54132	<.001	<.03

21 **Splits**

Std OxN 77	0.228	7.817
Blank	<.001	<.03

Certified Assayer:

PolyMet Laboratories

Client: Queenston (Vault Div.)

CERTIFICATE **9594**

Job No. 0-155

Date:
Feb. 18, 2011

Splits

Sample #	**Au Oz/ton**	**g/tonne**
54133	<.001	<.03
54134	Pend	
54135	<.001	<.03
54136	0.006	0.206
54137	0.010	0.343
54138	<.001	<.03
54139	0.050	1.714
54140	<.001	<.03
54141	<.001	<.03
54142	0.002	0.069
54143	0.020	0.686
54144	0.004	0.137
52499	<.001	<.03
52500	<.001	<.03
54001	<.001	<.03
54002	0.167	5.726
54003	<.001	<.03
54004	0.010	0.343
54005	<.001	<.03
54006	<.001	<.03
54007	Pend	
54008	<.001	<.03

20 **Splits**
2 **Pend**

Std OxN 77	0.228	7.817
Blank	<.001	<.03

Certified Assayer:

PolyMet Laboratories

Client: Queenston (Vault Div.)

CERTIFICATE **9595**

Job No. 0-155

Date:
Feb. 18, 2011

Splits

Sample #	**Au Oz/ton**	**g/tonne**
54009	0.018	0.617
54010	0.006	0.206
54011	<.001	>03
54012	<.001	>03
54013	<.001	>03
54014	<.001	>03
54015	<.001	>03
54016	<.001	>03
54017	<.001	>03
54018	<.001	>03
54019	<.001	>03
54020	<.001	>03
54021	<.001	>03
54022	0.006	0.206
54023	<.001	>03
54024	<.001	>03
54025	<.001	>03
54026	<.001	>03
54027	<.001	>03
54028	0.053	1.817
54029	0.012	0.411

21 **Splits**

Std OxN 77	0.232	7.954
Blank	<.001	<.03

Certified Assayer:

PolyMet Laboratories

Client: Queenston (Vault Div.)

CERTIFICATE **9596**

Job No. 0-155

Date:
Feb. 18, 2011

	Original		**Check**	
Sample #	**Au Oz/ton**	**g/tonne**	**Au Oz/ton**	**g/tonne**
53207	0.048	1.646	0.066	2.263
53209	0.038	1.303	0.020	0.686
54078	0.036	1.234	0.040	1.371
54961	0.032	1.097	0.034	1.166
54953	0.068	2.331	0.054	1.851
54954	0.202	6.926	0.200	6.857
54955	0.030	1.029	0.030	1.029
54134	0.038	1.303	0.042	1.440
54007	0.032	1.097	0.042	1.440

9 + 18

Certified Assayer:

PolyMet Labs
A Division of Polymet Resources Ltd.

1 Presley St, P.O. Box 699, Cobalt, Ontario, Canada P0J 1C0
Tel: (705) 679-5500 • Fax: (705) 679-5519
Email: info@polymetinc.com Website: www.polymetinc.com

Certificate of Analysis

Queenston Mining Inc
(Vault Division)

We certify that the assay results in the following Certificates are factual and true.

Certificate #'s 9613, 9614, 9615, 9616, 9617, & 9618

Certified by: _____
Chief Assayer

Certified by: _____
President/Manager

Date: Feb. 23, 2011

Disclaimer: The results included on this report relate only to the items tested. The Certificate of Analysis should not be reproduced except in full, without the written approval of the laboratory.

PolyMet Laboratories

Client: Queenston (Vault Div.)

CERTIFICATE **9613**

Job No. 0-155

Date:
Feb. 23, 2011

Splits

Sample #	**Au Oz/ton**	**g/tonne**
53326	<.001	<.03
53327	<.001	<.03
53328	<.001	<.03
53329	<.001	<.03
54030	0.014	0.480
54031	0.016	0.549
54032	<.001	<.03
54033	<.001	<.03
54034	<.001	<.03
54055	Pend	
54035	<.001	<.03
54036	0.018	0.617
54037	0.012	0.411
54038	Pend	
54039	<.001	<.03
54040	Pend	
54041	Pend	
54042	0.018	0.617
54043	Pend	
54044	0.008	0.274
54045	0.004	0.137

16 **Splits**
5 **Pend**

Std OxN 77	0.228	7.817
Blank	<.001	<.03

Certified Assayer:

PolyMet Laboratories

Client: Queenston (Vault Div.)

CERTIFICATE **9614**

Job No. 0-155

Date:
Feb. 23, 2011

Splits

Sample #	**Au Oz/ton**	**g/tonne**
54046	0.004	0.137
54047	Pend	
54048	0.016	0.549
54049	0.018	0.617
54050	0.010	0.343
54051	0.016	0.549
54052	0.022	0.754
54053	0.166	5.691
54054	0.022	0.754
54056	<.001	<.03
54057	<.001	<.03
54058	0.002	0.069
54059	<.001	<.03
54060	<.001	<.03
54061	<.001	<.03
54062	<.001	<.03
54063	0.004	0.137
54064	<.001	<.03
54065	<.001	<.03
54066	<.001	<.03
54067	0.002	0.069
54068	<.001	<.03

21 **Splits**
1 **Pend**

Std OxN 77	0.228	7.817
Blank	<.001	<.03

Certified Assayer:

PolyMet Laboratories

Client: Queenston (Vault Div.)
Job No. 0-155

CERTIFICATE **9615**

Date:
Feb. 23, 2011

Splits

Sample #	**Au Oz/ton**	**g/tonne**
54069	0.004	0.137
54204	<.001	<.03
54205	<.001	<.03
54206	<.001	<.03
54207	<.001	<.03
54208	<.001	<.03
54209	<.001	<.03
54210	<.001	<.03
54211	0.050	1.714
54212	<.001	<.03
54213	<.001	<.03
54214	<.001	<.03
54215	<.001	<.03
54216	<.001	<.03
54217	0.012	0.411
54218	0.008	0.274
54219	Pend	
54220	<.001	<.03
54221	0.002	0.069
54222	0.016	0.549
54223	0.018	0.617

20 **Splits**
1 **Pend**

Std OxN 77	0.236	8.091
Blank	<.001	<.03

Certified Assayer:

PolyMet Laboratories

Client: Queenston (Vault Div.)

CERTIFICATE **9618**

Job No. 0-155

Date:
Feb. 23, 2011

	Original		**Check**	
Sample #	**Au Oz/ton**	**g/tonne**	**Au Oz/ton**	**g/tonne**
54055	0.046	1.577	0.056	1.920
54038	0.058	1.989	0.064	2.194
54040	0.050	1.714	0.050	1.714
54041	0.032	1.097	0.032	1.097
54043	0.032	1.097	0.038	1.303
54047	0.178	6.103	0.176	6.034
54219	0.060	2.057	0.052	1.783
54239	0.036	1.234	0.028	0.960

8 + 16

Certified Assayer:

PolyMet Labs
A Division of Polymet Resources Ltd.

1 Presley St, P.O. Box 699, Cobalt, Ontario, Canada P0J 1C0
Tel: (705) 679-5500 • Fax: (705) 679-5519
Email: info@polymetinc.com Website: www.polymetinc.com

Certificate of Analysis

Queenston Mining Inc.
(Vault Division)

We certify that the assay results in the following Certificates are factual and true.

Certificate #'s 9667, 9668, 9669, 9670, 9671, 9672, & 9673

Certified by: _____
Chief Assayer

Certified by: _____
President/Manager

Date: March 3, 2011

Disclaimer: The results included on this report relate only to the items tested. The Certificate of Analysis should not be reproduced except in full, without the written approval of the laboratory.

PolyMet Laboratories

Client: Queenston (Vault Div.)

CERTIFICATE **9669**

Job No. 0-155

Date:
Mar. 3, 2011

Splits

Sample #	**Au Oz/ton**	**g/tonne**
54913	<.001	<.03
54914	<.001	<.03
54915	<.001	<.03
54916	<.001	<.03
54917	<.001	<.03
54918	<.001	<.03
54919	<.001	<.03
54920	0.002	0.069
54921	<.001	<.03
54922	0.012	0.411
54923	<.001	<.03
54924	<.001	<.03
54925	0.004	0.137
54926	0.004	0.137
54927	<.001	<.03
54928	<.001	<.03
54929	<.001	<.03
54930	<.001	<.03
54931	0.002	0.069
54932	<.001	<.03
54933	<.001	<.03
54934	<.001	<.03

22 **Splits**

Std OxN 77	0.232	7.954
Blank	<.001	<.03

Certified Assayer:



PolyMet Labs
A Division of Polymet Resources Ltd.

1 Presley St, P.O. Box 699, Cobalt, Ontario, Canada P0J 1C0
Tel: (705) 679-5500 • Fax: (705) 679-5519
Email: info@polymetinc.com Website: www.polymetinc.com

Certificate of Analysis

Queenston Mining Inc.
(Vault Division)

We certify that the assay results in the following Certificates are factual and true.

Certificate #'s 9978, 9979, 9980, 9981, 9982, 9983, 9984, 9985, & 9986

Certified by: _____
Assayer

Certified by: _____
President/Manager

Date: April 28, 2011

Disclaimer: The results included on this report relate only to the items tested. The Certificate of Analysis should not be reproduced except in full, without the written approval of the laboratory.

PolyMet Laboratories

Client: Queenston (Vault Div.)

CERTIFICATE **9980**

Job No. 0-155

Date:
Apr. 27, 2011

Splits

Sample #	**Au Oz/ton**	**g/tonne**
2072	<.001	<.03
2073	<.001	<.03
2074	<.001	<.03
2075	<.001	<.03
2076	<.001	<.03
2077	<.001	<.03
2078	<.001	<.03
2079	0.156	5.349
2080	<.001	<.03
2081	<.001	<.03
2082	<.001	<.03
2083	0.004	0.137
2084	0.010	0.343
2085	0.004	0.137
30035	<.001	<.03
30036	<.001	<.03
30037	<.001	<.03
30038	<.001	<.03
30039	<.001	<.03
30040	<.001	<.03
30041	<.001	<.03
30042	<.001	<.03

22 **Splits**

Std OxL78	0.168	5.760
Blank	<.001	<.03

Certified Assayer: Carla Johnson

PolyMet Laboratories

Client: Queenston (Vault Div.)

CERTIFICATE **9981**

Job No. 0-155

Date:
Apr. 27, 2011

Splits

Sample #	**Au Oz/ton**	**g/tonne**
30043	0.052	1.783
30044	<.001	<.03
30045	<.001	<.03
30046	<.001	<.03
30047	0.018	0.617
30048	0.008	0.274
30049	0.018	0.617
30050	Pend	
30051	<.001	<.03
30052	<.001	<.03
30053	<.001	<.03
30054	<.001	<.03
30055	<.001	<.03
30056	<.001	<.03
30057	<.001	<.03
30058	<.001	<.03
30059	Pend	
30060	Pend	
30061	Pend	
30062	<.001	<.03
30063	Pend	
30064	<.001	<.03

17 **Splits**
5 **Pend**

Std OxL78	0.178	6.103
Blank	<.001	<.03

Certified Assayer: Carla Johnson

PolyMet Laboratories

Client: Queenston (Vault Div.)

CERTIFICATE **9982**

Job No. 0-155

Date:
Apr. 27, 2011

Splits

Sample #	**Au Oz/ton**	**g/tonne**
30065	0.014	0.480
30066	<.001	<.03
30067	<.001	<.03
30068	0.166	5.691
30069	0.012	0.411
30070	<.001	<.03
30071	<.001	<.03
30072	<.001	<.03
30073	0.012	0.411
30074	0.018	0.617
30075	<.001	<.03
30076	<.001	<.03
30077	0.018	0.617
30078	Pend	
30079	<.001	<.03
30080	Pend	
30081	<.001	<.03
30082	Pend	
30083	Pend	
30084	0.028	0.960
30085	<.001	<.03

17 **Splits**
4 **Pend**

Std OxL78	0.178	6.103
Blank	<.001	<.03

Certified Assayer: Barb Johnson

PolyMet Laboratories

Client: Queenston (Vault Div.)

CERTIFICATE **9983**

Job No. 0-155

Date:
Apr. 27, 2011

Splits

Sample #	**Au Oz/ton**	**g/tonne**
30086	Pend	
30087	<.001	<.03
30088	<.001	<.03
30089	0.022	0.754
30090	<.001	<.03
30091	Pend	
30092	<.001	<.03
30093	<.001	<.03
30094	<.001	<.03
30095	0.016	0.549
30096	0.020	0.686
30097	<.001	<.03
30098	<.001	<.03
30099	<.001	<.03
30100	0.028	0.960
30101	<.001	<.03
30102	0.047	1.611
30103	<.001	<.03
30104	<.001	<.03
30105	<.001	<.03
30106	<.001	<.03
30107	<.001	<.03

20 **Splits**
2 **Pend**

Std OxL78	0.178	6.103
Blank	<.001	<.03

Certified Assayer: Carla Johnson

PolyMet Laboratories

Client: Queenston (Vault Div.)

CERTIFICATE **9984**

Job No. 0-155

Date:
Apr. 27, 2011

Splits

Sample #	**Au Oz/ton**	**g/tonne**
30108	<.001	<.03
30109	<.001	<.03
30110	Pend	
30111	Pend	
30112	<.001	<.03
30113	Pend	
30114	0.020	0.686
30115	<.001	<.03
30116	<.001	<.03
30117	<.001	<.03
30118	0.006	0.206
30119	0.160	5.486
30120	<.001	<.03
30121	<.001	<.03
30122	<.001	<.03
30123	<.001	<.03
30124	0.010	0.343
30125	0.022	0.754
30126	<.001	<.03
30127	<.001	<.03
30128	<.001	<.03

18 **Splits**
3 **Pend**

Std OxL78	0.168	5.760
Blank	<.001	<.03

Certified Assayer:

PolyMet Laboratories

Client: Queenston (Vault Div.)

CERTIFICATE **9985**

Job No. 0-155

Date:
Apr. 27, 2011

Splits

Sample #	**Au Oz/ton**	**g/tonne**
30129	Pend	
30130	<.001	<.03
30131	<.001	<.03
30132	<.001	<.03
30133	<.001	<.03
30134	Pend	
30135	<.001	<.03
30136	<.001	<.03
30137	<.001	<.03
30138	<.001	<.03
30139	<.001	<.03
30140	<.001	<.03
30141	<.001	<.03
30142	0.012	0.411
30143	<.001	<.03
30144	<.001	<.03

14 **Splits**
2 **Pend**

Std OxL78	0.168	5.760
Blank	<.001	<.03

Certified Assayer: Carla Johnson

PolyMet Laboratories

Client: Queenston (Vault Div.)

CERTIFICATE **9986**

Job No. 0-155

Date:
Apr. 28, 2011

	Original		**Check**	
Sample #	**Au Oz/ton**	**g/tonne**	**Au Oz/ton**	**g/tonne**
30050	0.044	1.509	0.058	1.989
30059	0.884	30.309	0.744	25.509
30060	0.092	3.154	0.074	2.537
30061	0.042	1.440	0.034	1.166
30063	0.030	1.029	0.030	1.029
30078	0.032	1.097	0.028	0.960
30080	0.038	1.303	0.034	1.166
30082	0.054	1.851	0.036	1.234
30083	0.061	2.091	0.070	2.400
30086	0.042	1.440	0.042	1.440
30091	0.038	1.303	0.048	1.646
30110	0.394	13.509	0.478	16.389
30111	0.620	21.257	0.706	24.206
30113	0.034	1.166	0.048	1.646
30129	0.090	3.086	0.072	2.469
30134	0.030	1.029	0.042	1.440

16 + 32

Certified Assayer: Linda Johnson

Swastika Laboratories Ltd

Established 1928

Assaying - Consulting - Representation

Assay Certificate

Certificate Number: 11-2975

Company: **Queenston Mining Inc.**

Project: Lebel

Report Date: 02-Sep-11

Attn: Dan McCormack

We hereby certify the following Assay of 17 rejects samples submitted 15-Aug-11 by Dan McCormack

Sample Number	Au FA-AAS ppb	Au Chk FA-AAS ppb	Au FA-AAS g/Mt	Au Chk FA-AAS g/Mt	Au FA-GRAV ppb	Au FA-GRAV g/Mt	Au Chk FA-GRAV ppb	Au Chk FA-GRAV g/Mt
3864					19225	19.23		19.23
3956	318		0.32					
1001					4181	4.18		4.15
1025	898		0.90					1.06
0807	1308		1.31					1.23
0809	2694		2.69					2.60
0833	2350		2.35					2.37
0914					4078	4.08		4.15
0942	831	869	0.83	0.87				
1321	1069		1.07					1.03
Blank Value	4		< 0.01					
SH41	1345		1.34					
1326	268		0.27					
1337	857		0.86					
2827	157		0.16					
2834	1074		1.07					1.03
2900					1646	1.65		1.65
1336	375		0.37					
2833	325		0.32					

Certified by Jing Lin

Jing Lin, M Sc.

1 Cameron Ave., P.O. Box 10, Swastika, Ontario P0K 1T0
Telephone (705) 642-3244 Fax (705) 642-3300

PolyMet Labs
A Division of Polymet Resources Ltd.

1 Presley St, P.O. Box 699, Cobalt, Ontario, Canada P0J 1C0
Tel: (705) 679-5500 • Fax: (705) 679-5519
Email: info@polymetinc.com Website: www.polymetinc.com

Certificate of Analysis

Queenston Mining Inc.
(Lebel Project)

We certify that the assay results in the following Certificates are factual and true.

Certificate #'s 11220, 11221, 11222, 11223, 11224, 11225, 11226, 11227, 11228, 11229, & 11230

Certified by: _____
Chief Assayer

Certified by: _____
President/Manager

Date: September 21, 2011

Disclaimer: The results included on this report relate only to the items tested. The Certificate of Analysis should not be reproduced except in full, without the written approval of the laboratory.

PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **11220**

Job No. 0-155

Date:
Sept. 21, 2011

Splits

Sample #	**Au Oz/ton**	**g/tonne**
05781	<.001	<.03
05782	<.001	<.03
2515	0.012	0.411
2516	Pend	
2517	0.024	0.823
2518	Pend	
2519	Pend	
2520	Pend	
2521	Pend	
25783	<.001	<.03
25784	0.020	0.686
25785	0.176	6.034
25786	<.001	<.03
25787	0.014	0.480
25788	0.012	0.411
25789	<.001	<.03
25790	<.001	<.03
25791	0.016	0.549
25792	<.001	<.03
25793	0.010	0.343
25794	0.024	0.823
25795	<.001	<.03
25796	0.022	0.754
25797	0.024	0.823
25798	Pend	
25799	<.001	<.03
25800	Pend	

20 **Splits**
7 **Pend**

Std OxL78	0.170	5.829
Blank	<.001	<.03

Certified Assayer:



PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **11221**

Job No. 0-155

Date:
Sept. 21, 2011

Splits

Sample #	**Au Oz/ton**	**g/tonne**
05801	0.008	0.274
05802	<.001	<.03
07020	<.001	<.03
07021	0.002	0.069
07022	0.014	0.480
07023	<.001	<.03
07024	<.001	<.03
07025	<.001	<.03
07026	<.001	<.03
07027	<.001	<.03
07028	<.001	<.03
07029	<.001	<.03
07030	<.001	<.03
07031	<.001	<.03
07032	<.001	<.03
07033	<.001	<.03
07034	<.001	<.03
07035	<.001	<.03
07036	<.001	<.03
07037	<.001	<.03
07038	0.008	0.274

21 **Splits**

Std OxL78	0.178	6.103
Blank	<.001	<.03

Certified Assayer:

PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **11222**

Job No. 0-155

Date:
Sept. 21, 2011

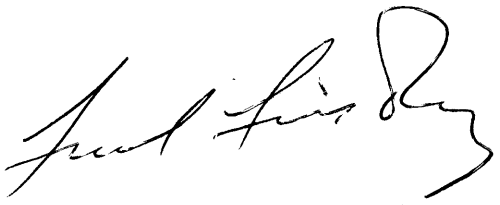
Splits

Sample #	**Au Oz/ton**	**g/tonne**
07039	<.001	<.03
07040	<.001	<.03
07041	<.001	<.03
07042	<.001	<.03
07043	<.001	<.03
07044	<.001	<.03
07045	<.001	<.03
07046	<.001	<.03
07047	0.050	1.714
07048	<.001	<.03
07049	<.001	<.03
07050	<.001	<.03
07051	<.001	<.03
07052	<.001	<.03
07053	<.001	<.03
07054	<.001	<.03
07055	<.001	<.03
07056	<.001	<.03
07057	0.028	0.960
07058	<.001	<.03
07059	<.001	<.03
07060	0.002	0.069

22 **Splits**

Std OxL78	0.178	6.103
Blank	<.001	<.03

Certified Assayer:



PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **11223**

Job No. 0-155

Date:
Sept. 21, 2011

Splits

Sample #	**Au Oz/ton**	**g/tonne**
07061	<.001	<.03
07062	<.001	<.03
07063	<.001	<.03
07064	<.001	<.03
07065	<.001	<.03
07066	0.018	0.617
07067	<.001	<.03
07068	0.002	0.069
07069	<.001	<.03
07070	0.002	0.069
07071	<.001	<.03
07072	<.001	<.03
07073	0.002	0.069
07074	<.001	<.03
2763	<.001	<.03
2764	<.001	<.03
2765	<.001	<.03
2766	<.001	<.03
27956	<.001	<.03
27957	<.001	<.03
27958	<.001	<.03

14 **Splits**
7 **Rock**

Std OxL78	0.178	6.103
Blank	<.001	<.03

Certified Assayer:

PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **11224**

Job No. 0-155

Date:
Sept. 21, 2011

Splits

Sample #	**Au Oz/ton**	**g/tonne**
27959	Pend	
27960	Pend	
27961	Pend	
07075	Pend	
07076	<.001	<.03
07077	<.001	<.03
07078	0.166	5.691
07079	<.001	<.03
07080	<.001	<.03
07081	<.001	<.03
07082	0.008	0.274
07083	<.001	<.03
07084	<.001	<.03
07085	0.006	0.206
07086	0.006	0.206
07087	0.002	0.069
07088	<.001	<.03
07089	<.001	<.03
07090	<.001	<.03
07091	<.001	<.03
07092	0.002	0.069
07093	0.008	0.274

18 **Splits**
4 **Pend**

Std OxL78	0.178	6.103
Blank	<.001	<.03

Certified Assayer:

PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **11225**

Job No. 0-155

Date:
Sept. 21, 2011

Splits

Sample #	**Au Oz/ton**	**g/tonne**
07094	0.004	0.137
07095	0.010	0.343
07096	0.008	0.274
07097	0.006	0.206
07098	<.001	<.03
07099	<.001	<.03
07100	0.006	0.206
07101	<.001	<.03
07102	0.002	0.069
07103	0.008	0.274
07104	0.014	0.480
07105	0.052	1.783
07106	Pend	
07107	0.020	0.686
07108	0.022	0.754
07109	<.001	<.03
07110	0.002	0.069
07111	0.002	0.069
07112	<.001	<.03
07113	0.004	0.137
07114	0.010	0.343
07115	0.002	0.069

21 **Splits**
1 **Pend**

Std OxL78	0.178	6.103
Blank	<.001	<.03

Certified Assayer:



PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **11226**

Job No. 0-155

Date:
Sept. 21, 2011

Splits

Sample #	**Au Oz/ton**	**g/tonne**
07116	0.002	0.069
07117	0.006	0.206
07118	0.002	0.069
07119	0.004	0.137
07120	0.002	0.069
07121	<.001	<.03
07122	<.001	<.03
07123	<.001	<.03
07124	0.008	0.274
07125	<.001	<.03
07126	<.001	<.03
07127	<.001	<.03
07128	<.001	<.03
07129	<.001	<.03
07130	<.001	<.03
07131	<.001	<.03
07132	0.002	0.069
07133	<.001	<.03
07134	0.014	0.480
07135	<.001	<.03
07136	0.004	0.137

21 **Splits**

Std OxL78	0.178	6.103
Blank	<.001	<.03

Certified Assayer:

PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **11227**

Job No. 0-155

Date:
Sept. 21, 2011

Splits

Sample #	**Au Oz/ton**	**g/tonne**
07137	0.006	0.206
07138	<.001	<.03
07139	<.001	<.03
07140	<.001	<.03
07141	0.170	5.829
07142	<.001	<.03
07143	<.001	<.03
07144	<.001	<.03
07145	<.001	<.03
07146	<.001	<.03
07147	<.001	<.03
07148	0.002	0.069
07149	<.001	<.03
07150	<.001	<.03
07151	<.001	<.03
07152	<.001	<.03
07153	<.001	<.03
07154	<.001	<.03
07155	<.001	<.03
07156	<.001	<.03
07157	<.001	<.03
07158	0.010	0.343

22 **Splits**

Std OxL78	0.176	6.034
Blank	<.001	<.03

Certified Assayer:



PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **11228**

Job No. 0-155

Date:
Sept. 21, 2011

Splits

Sample #	**Au Oz/ton**	**g/tonne**
07159	0.010	0.343
07160	<.001	<.03
07161	<.001	<.03
07162	<.001	<.03
07163	<.001	<.03
07164	<.001	<.03
07165	<.001	<.03
07166	<.001	<.03
07167	0.008	0.274
07168	0.022	0.754
07169	<.001	<.03
07170	<.001	<.03
07171	<.001	<.03
07172	<.001	<.03
07173	0.008	0.274
07174	<.001	<.03
07175	0.012	0.411
07176	<.001	<.03
07177	0.022	0.754
07178	<.001	<.03
07179	0.006	0.206
07180	0.008	0.274

22 **Splits**

Std OxL78	0.176	6.034
Blank	<.001	<.03

Certified Assayer:

PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **11229**

Job No. 0-155

Date:
Sept. 21, 2011

Splits

Sample #	**Au Oz/ton**	**g/tonne**
07181	0.018	0.617
07182	0.050	1.714
07183	Pend	
07184	Pend	
07185	0.002	0.069
07186	0.028	0.960
07187	<.001	<.03
07188	<.001	<.03
07189	<.001	<.03
07190	<.001	<.03
07191	<.001	<.03
07192	<.001	<.03

			10 **Splits**
Std OxL78	0.174	5.966	2 **Pend**
Blank	<.001	<.03	

Certified Assayer:

PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **11230**

Job No. 0-155

Date:
Sept. 21, 2011

	Original		**Check**	
Sample #	**Au Oz/ton**	**Au g/tonne**	**Au Oz/ton**	**Au g/tonne**
Splits				
2516	0.086	2.949	0.084	2.880
2518	0.118	4.046	0.112	3.840
2519	0.108	3.703	0.106	3.634
2520	0.042	1.440	0.034	1.166
2521	0.854	29.280	0.606	20.777
05798	0.070	2.400	0.076	2.606
05800	0.032	1.097	0.040	1.371
07075	0.032	1.097	0.030	1.029
07106	0.050	1.714	0.064	2.194
07183	0.040	1.371	0.034	1.166
07184	0.034	1.166	0.030	1.029
Rocks				
27959	0.224	7.680	0.186	6.377
27960	0.308	10.560	0.306	10.492
27961	0.092	3.154	0.092	3.154

11 + 22 Splits

3 + 6 Rocks

Certified Assayer:

PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **11220** Job No. 0-155

Revised

Date: **Splits**

Sept. 21, 2011

Sample #	**Au Oz/ton**	**g/tonne**
05781	<.001	<.03
05782	<.001	<.03
2515	0.012	0.411
2516	Pend	
2517	0.024	0.823
2518	Pend	
2519	Pend	
2520	Pend	
2521	Pend	
05783	<.001	<.03
05784	0.020	0.686
05785	0.176	6.034
05786	<.001	<.03
05787	0.014	0.480
05788	0.012	0.411
05789	<.001	<.03
05790	<.001	<.03
05791	0.016	0.549
05792	<.001	<.03
05793	0.010	0.343
05794	0.024	0.823
05795	<.001	<.03
05796	0.022	0.754
05797	0.024	0.823
05798	Pend	
05799	<.001	<.03
05800	Pend	

20 **Splits**

7 **Pend**

Std OxL78	0.170	5.829
Blank	<.001	<.03

Certified Assayer:



PolyMet Labs
A Division of Polymet Resources Inc.

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Email: info@polymetinc.com Website: www.polymetinc.com

Certificate of Analysis

Queenston Mining Inc.
(Lebel Project)

We certify that the assay results in the following Certificates are factual and true.

Certificate #'s 10320, 10321, 10322, 10323, 10324, 10325, 10326, 10327, 10328, 10329, & 10330

Certified by: _____
Chief Assayer

Certified by: _____
President/Manager

Date: June 7, 2011

Disclaimer: The results included on this report relate only to the items tested. The Certificate of Analysis should not be reproduced except in full, without the written approval of the laboratory.

PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **10320**

Job No. 0-155

Date:
June 7, 2011

Splits

Sample #	**Au Oz/ton**	**g/tonne**
3644	<.001	<.03
3645	<.001	<.03
3646	<.001	<.03
3647	<.001	<.03
3648	<.001	<.03
3649	<.001	<.03
3650	0.006	0.206
3651	Pend	
3652	<.001	<.03
3653	0.022	0.754
3654	0.002	0.069
3655	0.004	0.137
3656	<.001	<.03
3657	<.001	<.03
3658	<.001	<.03
3659	<.001	<.03
3660	<.001	<.03
3661	<.001	<.03
3662	<.001	<.03
3663	0.002	0.069
3664	<.001	<.03
3665	<.001	<.03

21 **Splits**
1 **Pend**

Std OxL78	0.176	6.034
Blank	<.001	<.03

Certified Assayer:



PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **10321**

Job No. 0-155

Date:
June 7, 2011

Splits

Sample #	**Au Oz/ton**	**g/tonne**
3666	<.001	<.03
3667	<.001	<.03
3668	0.047	1.611
1636	0.002	0.069
3669	<.001	<.03
3670	<.001	<.03
3671	<.001	<.03
3672	<.001	<.03
3673	<.001	<.03
3674	<.001	<.03
3675	<.001	<.03
3676	<.001	<.03
3677	<.001	<.03
3678	Pend	
3679	<.001	<.03
3680	<.001	<.03
3681	<.001	<.03
3682	0.008	0.274
3683	0.014	0.480
3684	<.001	<.03
3685	0.002	0.069

20 **Splits**
1 **Pend**

Std OxL78	0.176	6.034
Blank	<.001	<.03

Certified Assayer:

PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **10322**

Job No. 0-155

Date:
June 7, 2011

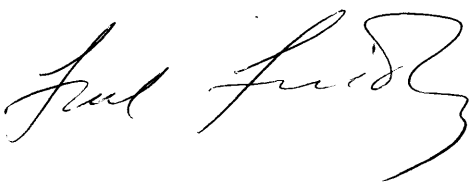
Splits

Sample #	**Au Oz/ton**	**g/tonne**
3686	Pend	
3687	<.001	<.03
3688	0.154	5.280
3689	<.001	<.03
3690	<.001	<.03
3691	0.028	0.960
3692	<.001	<.03
3693	<.001	<.03
3694	<.001	<.03
3695	<.001	<.03
3696	<.001	<.03
3697	<.001	<.03
3698	<.001	<.03
3699	0.002	0.069
3700	<.001	<.03
3701	0.006	0.206
3702	<.001	<.03
3703	0.002	0.069
3704	<.001	<.03
3705	0.010	0.343
3706	0.010	0.343
3707	<.001	<.03

21 **Splits**
1 **Pend**

Std OxL78	0.178	6.103
Blank	<.001	<.03

Certified Assayer:



PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **10323**

Job No. 0-155

Date:
June 7, 2011

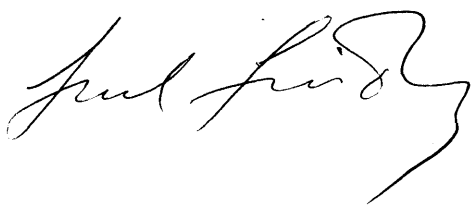
Splits

Sample #	**Au Oz/ton**	**g/tonne**
3708	<.001	<.03
3709	0.045	1.543
3710	<.001	<.03
3711	0.026	0.891
3712	Pend	
3713	<.001	<.03
3714	<.001	<.03
3715	<.001	<.03
3716	<.001	<.03
3717	<.001	<.03
3718	<.001	<.03
3719	<.001	<.03
3720	0.002	0.069
3721	0.012	0.411
3722	<.001	<.03
3723	0.002	0.069
3724	<.001	<.03
3725	<.001	<.03
3726	<.001	<.03
3727	<.001	<.03
3728	<.001	<.03
3729	Pend	

20 **Splits**
2 **Pend**

Std OxL78	0.178	6.103
Blank	<.001	<.03

Certified Assayer:



PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **10324**

Job No. 0-155

Date:
June 7, 2011

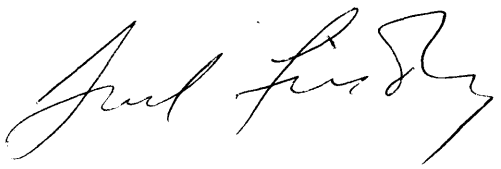
Splits

Sample #	**Au Oz/ton**	**g/tonne**
3730	Pend	
0710	<.001	<.03
0711	<.001	<.03
0712	<.001	<.03
0713	<.001	<.03
0714	<.001	<.03
0715	0.150	5.143
0716	<.001	<.03
0717	<.001	<.03
0718	<.001	<.03
0719	<.001	<.03
0720	<.001	<.03
0721	<.001	<.03
0722	<.001	<.03
0723	<.001	<.03
0724	<.001	<.03
0725	<.001	<.03
0726	<.001	<.03
0727	<.001	<.03
0728	<.001	<.03
0729	0.028	0.960
0730	<.001	<.03

21 **Splits**
1 **Pend**

Std OxL78	0.178	6.103
Blank	<.001	<.03

Certified Assayer:



PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **10325**

Job No. 0-155

Date:
June 7, 2011

Splits

Sample #	**Au Oz/ton**	**g/tonne**
0731	<.001	<.03
0732	<.001	<.03
0733	<.001	<.03
0734	0.002	0.069
0735	0.018	0.617
0736	<.001	<.03
0737	<.001	<.03
0738	0.002	0.069
0739	0.049	1.680
0740	0.020	0.686
0741	<.001	<.03
0742	0.002	0.069
0743	<.001	<.03
0744	0.008	0.274
0745	<.001	<.03
0746	0.018	0.617
0747	<.001	<.03
0748	0.002	0.069
0749	0.002	0.069
0750	<.001	<.03
0751	<.001	<.03
0752	<.001	<.03

22 **Splits**

Std OxL78	0.178	6.103
Blank	<.001	<.03

Certified Assayer:

PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **10326**

Job No. 0-155

Date:
June 7, 2011

Splits

Sample #	**Au Oz/ton**	**g/tonne**
0753	<.001	<.03
0754	Pend	
0755	<.001	<.03
0756	Pend	
0757	Pend	
0758	Pend	
0759	Pend	
0760	0.008	0.274
0761	0.024	0.823
0762	0.002	0.069
0763	<.001	<.03
0764	Pend	
0765	0.152	5.211
0766	0.016	0.549
0767	<.001	<.03
0768	<.001	<.03
0769	<.001	<.03
0770	<.001	<.03
0771	<.001	<.03
0772	<.001	<.03
0773	<.001	<.03

15 **Splits**
6 **Pend**

Std OxL78	0.170	5.829
Blank	<.001	<.03

Certified Assayer:

PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **10327**

Job No. 0-155

Date:
June 7, 2011

Splits

Sample #	**Au Oz/ton**	**g/tonne**
0774	<.001	<.03
0775	0.006	0.206
0776	0.010	0.343
0777	<.001	<.03
0778	<.001	<.03
0779	<.001	<.03
0780	<.001	<.03
0781	<.001	<.03
0782	<.001	<.03
0783	<.001	<.03
0784	<.001	<.03
0785	<.001	<.03
0786	<.001	<.03
0787	<.001	<.03
0788	<.001	<.03
0789	<.001	<.03
0790	0.012	0.411
0791	0.046	1.577
0792	0.008	0.274
0793	<.001	<.03
0794	<.001	<.03
0795	<.001	<.03

22 **Splits**

Std OxL78	0.170	5.829
Blank	<.001	<.03

Certified Assayer:

PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **10328**

Job No. 0-155

Date:
June 7, 2011

Splits

Sample #	**Au Oz/ton**	**g/tonne**
0796	<.001	<.03
0797	0.002	0.069
0798	<.001	<.03
0799	0.020	0.686
0800	<.001	<.03
3731	0.008	0.274
3732	<.001	<.03
3733	<.001	<.03
3734	<.001	<.03
3735	<.001	<.03
3736	<.001	<.03
3737	<.001	<.03
3738	0.006	0.206
3739	<.001	<.03
3740	<.001	<.03
3741	0.153	5.246
3742	<.001	<.03
3743	<.001	<.03
3744	<.001	<.03
3745	<.001	<.03
3746	<.001	<.03
3747	<.001	<.03

22 **Splits**

Std OxL78	0.174	5.966
Blank	<.001	<.03

Certified Assayer:

PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **10329**

Job No. 0-155

Date:
June 7, 2011

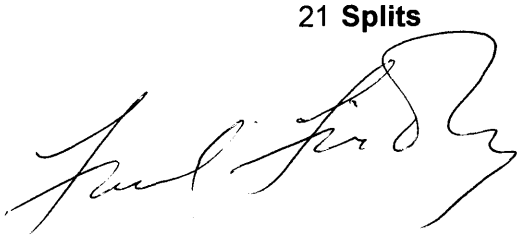
Splits

Sample #	**Au Oz/ton**	**g/tonne**
3748	<.001	<.03
3749	<.001	<.03
3750	<.001	<.03
3751	<.001	<.03
3752	<.001	<.03
3753	<.001	<.03
3754	<.001	<.03
3755	<.001	<.03
3756	<.001	<.03
3757	<.001	<.03
3758	0.012	0.411
3759	<.001	<.03
3760	<.001	<.03
3761	<.001	<.03
3762	<.001	<.03
3763	0.049	1.680
3764	<.001	<.03
3765	<.001	<.03
3766	0.006	0.206
3767	<.001	<.03
3768	<.001	<.03

21 **Splits**

Std OxL78	0.174	5.966
Blank	<.001	<.03

Certified Assayer:



PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **10330**

Job No. 0-155

Date:
June 7, 2011

	Original		**Check**	
Sample #	**Au Oz/ton**	**g/tonne**	**Au Oz/ton**	**g/tonne**
3678	0.070	2.400	0.086	2.949
3686	0.034	1.166	0.028	0.960
3712	0.072	2.469	0.062	2.126
3729	0.052	1.783	0.072	2.469
3730	0.088	3.017	0.094	3.223
0754	0.150	5.143	0.172	5.897
0756	0.036	1.234	0.032	1.097
0757	0.032	1.097	0.032	1.097
0758	0.122	4.183	0.114	3.909
0759	0.046	1.577	0.056	1.920
0764	0.052	1.783	0.054	1.851

11 + 22

Certified Assayer:

PolyMet Labs
A Division of Polymet Resources Inc.

1 Presley St. P.O. Box 699. Cobalt. Ontario. Canada P0J 1C0
Tel: (705) 679-5500 • Fax: (705) 679-5519
Email: info@polymetinc.com Website: www.polymetinc.com

Certificate of Analysis

Queenston Mining Inc.
(Lebel Project)

We certify that the assay results in the following Certificates are factual and true.

Certificate #'s 10452, 10453, 10454, 10455, & 10456

Certified by: _____
Chief Assayer

Certified by: _____
President/Manager

Date: June 22, 2011

Disclaimer: The results included on this report relate only to the items tested. The Certificate of Analysis should not be reproduced except in full, without the written approval of the laboratory.

PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **10452**

Job No. 0-155

Date:
June 22, 2011

Splits

Sample #	**Au Oz/ton**	**g/tonne**
54895	<.001	<.03
54896	0.024	0.823
54897	0.018	0.617
54898	0.006	0.206
0905	0.004	0.137
0906	<.001	<.03
0907	<.001	<.03
0908	0.002	0.069
0909	0.014	0.480
0910	0.006	0.206
0911	0.028	0.960
0912	0.006	0.206
0913	Pend	
0914	Pend	
0915	0.166	5.691
0916	0.010	0.343
0917	0.022	0.754
0918	Pend	

15 **Splits**
3 **Pend**

Std OxL78	0.174	5.966
Blank	<.001	<.03

Certified Assayer:

PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **10453**

Job No. 0-155

Date:
June 22, 2011

Splits

Sample #	**Au Oz/ton**	**g/tonne**
0919	0.008	0.274
0920	<.001	<.03
0921	<.001	<.03
0922	<.001	<.03
0923	<.001	<.03
0924	0.004	0.137
0925	<.001	<.03
0926	<.001	<.03
0927	0.002	0.069
0928	0.008	0.274
0929	<.001	<.03
0930	0.002	0.069
0931	<.001	<.03
0932	Pend	
0933	<.001	<.03
0934	<.001	<.03
0935	<.001	<.03
0936	<.001	<.03
0937	<.001	<.03
0938	<.001	<.03
0939	0.002	0.069
0940	0.010	0.343

21 **Splits**
1 **Pend**

Std OxL78	0.174	5.966
Blank	<.001	<.03

Certified Assayer:

PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **10454**

Job No. 0-155

Date:
June 22, 2011

Splits

Sample #	**Au Oz/ton**	**g/tonne**
0941	0.048	1.646
0942	0.020	0.686
0943	0.010	0.343
0944	<.001	<.03
0945	0.008	0.274
0946	0.002	0.069
0947	<.001	<.03
0948	<.001	<.03
0949	<.001	<.03
0950	0.004	0.137
0951	0.014	0.480
0952	0.008	0.274
0953	0.010	0.343
0954	0.028	0.960
0955	<.001	<.03
0956	0.004	0.137
0957	0.010	0.343
0958	0.014	0.480
0959	0.012	0.411
0960	<.001	<.03
0961	<.001	<.03
0962	<.001	<.03

22 **Splits**

Std OxL78	0.174	5.966
Blank	<.001	<.03

Certified Assayer:



PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **10455**

Job No. 0-155

Date:
June 22, 2011

Splits

Sample #	**Au Oz/ton**	**g/tonne**
0963	0.026	0.891
0964	<.001	<.03
0965	<.001	<.03
0966	<.001	<.03
0967	<.001	<.03
0968	<.001	<.03
0969	0.162	5.554
0970	<.001	<.03
0971	<.001	<.03
0972	<.001	<.03

10 **Splits**

Std OxL78	0.174	5.966
Blank	<.001	<.03

Certified Assayer:

PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **10456**

Job No. 0-155

Date:
June 22, 2011

	Original		**Check**	
Sample #	**Au Oz/ton**	**g/tonne**	**Au Oz/ton**	**g/tonne**
0913	0.034	1.166	0.028	0.960
0914	0.121	4.149	0.114	3.909
0918	0.050	1.714	0.082	2.811
0932	0.034	1.166	0.042	1.440

4 + 8

Certified Assayer:

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Email: info@polymetinc.com Website: www.polymetinc.com

Certificate of Analysis

Queenston Mining Inc.
(Lebel Project)

We certify that the assay results in the following Certificates are factual and true.

Certificate #'s 10817, 10818, 10819, 10820, 10821, & 10822

Certified by: _____
Chief Assayer

Certified by: _____
President/Manager

Date: August 11, 2011

Disclaimer: The results included on this report relate only to the items tested. The Certificate of Analysis should not be reproduced except in full, without the written approval of the laboratory.

PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **10817**

Job No. 0-155

Date:
Aug. 11, 2011

Splits

Sample #	**Au Oz/ton**	**g/tonne**
4125	<.001	<.03
4126	0.006	0.206
4127	<.001	<.03
4128	0.008	0.274
4129	0.028	0.960
4130	<.001	<.03
4131	0.020	0.686
4132	0.016	0.549
4133	Pend	
4134	0.010	0.343
4135	0.054	1.851
4136	<.001	<.03
4137	<.001	<.03
4138	<.001	<.03
4139	<.001	<.03
4140	0.028	0.960
4141	<.001	<.03

16 **Splits**
1 **Pend**

Std OxL78	0.170	5.829
Blank	<.001	<.03

Certified Assayer:

PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **10818**

Job No. 0-155

Date:
Aug. 11, 2011

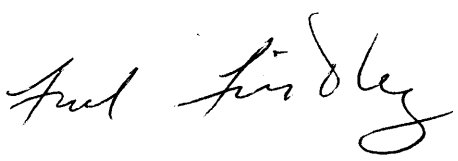
Splits

Sample #	**Au Oz/ton**	**g/tonne**
4142	<.001	<.03
4143	<.001	<.03
4144	<.001	<.03
4145	<.001	<.03
4146	0.018	0.617
4147	<.001	<.03
4148	0.010	0.343
4149	0.010	0.343
4150	0.014	0.480
4151	Pend	
4152	Pend	
4153	<.001	<.03
4154	0.006	0.206
4155	0.008	0.274
4156	0.166	5.691
4157	0.028	0.960
4158	0.010	0.343
4159	<.001	<.03
4160	<.001	<.03
4161	Pend	
4162	<.001	<.03
4163	<.001	<.03

19 **Splits**
3 **Pend**

Std OxL78	0.176	6.034
Blank	<.001	<.03

Certified Assayer:



PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **10819**

Job No. 0-155

Date:
Aug. 11, 2011

Splits

Sample #	**Au Oz/ton**	**g/tonne**
4164	<.001	<.03
4165	0.014	0.480
4166	<.001	<.03
4167	<.001	<.03
4168	<.001	<.03
4169	0.012	0.411
4170	<.001	<.03
4171	<.001	<.03
4172	<.001	<.03
4173	0.008	0.274
4174	<.001	<.03
4175	0.048	1.646
4176	0.006	0.206
4177	0.008	0.274
4178	<.001	<.03
4179	<.001	<.03
4180	<.001	<.03
4181	<.001	<.03
4182	<.001	<.03
4183	<.001	<.03
4184	<.001	<.03
4185	0.012	0.411

22 **Splits**

Std OxL78	0.176	6.034
Blank	<.001	<.03

Certified Assayer:

PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **10820**

Job No. 0-155

Date:
Aug. 11, 2011

Splits

Sample #	**Au Oz/ton**	**g/tonne**
4186	<.001	<.03
4187	<.001	<.03
4188	<.001	<.03
4189	<.001	<.03
4190	<.001	<.03
4191	<.001	<.03
4192	<.001	<.03
4193	0.014	0.480
4194	<.001	<.03
4195	0.176	6.034
4196	<.001	<.03
4197	<.001	<.03
4198	<.001	<.03
4199	<.001	<.03
4200	0.012	0.411
4201	0.004	0.137
4202	0.004	0.137
4203	0.010	0.343
4204	<.001	<.03
4205	<.001	<.03
4206	<.001	<.03

21 **Splits**

Std OxL78	0.178	6.103
Blank	<.001	<.03

Certified Assayer:

PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **10821**

Job No. 0-155

Date:
Aug. 11, 2011

Splits

Sample #	**Au Oz/ton**	**g/tonne**
4207	<.001	<.03
4208	<.001	<.03
4209	<.001	<.03
4210	<.001	<.03
4211	<.001	<.03
4212	<.001	<.03
4213	<.001	<.03
4214	<.001	<.03
4215	0.020	0.686
4216	<.001	<.03
4217	0.050	1.714
4218	<.001	<.03
4219	0.026	0.891
4220	0.024	0.823
4221	<.001	<.03
4222	<.001	<.03
4223	Pend	
4224	0.026	0.891
4225	Pend	
4226	<.001	<.03
4227	Pend	
4228	<.001	<.03

19 **Splits**
3 **Pend**

Std OxL78	0.178	6.103
Blank	<.001	<.03

Certified Assayer:

PolyMet Laboratories

CERTIFICATE **10822**

Client: Queenston (Lebel Project)
Job No. 0-155

Date:
Aug. 11, 2011

	Original		Check	
Sample #	**Au Oz/ton**	**g/tonne**	**Au Oz/ton**	**g/tonne**
4133	0.030	1.029	0.032	1.097
4151	0.040	1.371	0.046	1.577
4152	0.044	1.509	0.052	1.783
4161	0.154	5.280	0.154	5.280
4223	0.078	2.674	0.066	2.263
4225	0.058	1.989	0.058	1.989
4227	0.100	3.429	0.126	4.320

7 + 14

Certified Assayer:

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A Division of Polymet Resources Ltd.

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Email: info@polymetinc.com Website: www.polymetinc.com

Certificate of Analysis

Queenston Mining Inc.
(Lebel Project)

We certify that the assay results in the following Certificates are factual and true.

Certificate #'s 10949, 10950, 10951, 10952, 10953, 10954, 10955, & 10956

Certified by: _____
Chief Assayer

Certified by: _____
President/Manager

Date: August 24, 2011

Disclaimer: The results included on this report relate only to the items tested. The Certificate of Analysis should not be reproduced except in full, without the written approval of the laboratory.

PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **10949**

Job No. 0-155

Date:
Aug. 24, 2011

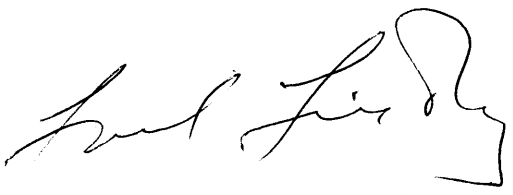
Splits

Sample #	**Au Oz/ton**	**g/tonne**
4346	<.001	<.03
4347	<.001	<.03
4348	<.001	<.03
4349	<.001	<.03
4350	<.001	<.03
4351	<.001	<.03
4352	<.001	<.03
4353	<.001	<.03
4354	<.001	<.03
4355	<.001	<.03
4356	<.001	<.03
4357	<.001	<.03
4358	<.001	<.03
4359	<.001	<.03
4360	<.001	<.03
4361	<.001	<.03
4362	<.001	<.03
4363	<.001	<.03
4364	<.001	<.03
4365	0.170	5.829
4366	<.001	<.03
4367	<.001	<.03
4368	<.001	<.03
4369	<.001	<.03
4370	<.001	<.03
4371	<.001	<.03

26 **Splits**

Std OxL78	0.178	6.103
Blank	<.001	<.03

Certified Assayer:



PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **10950**

Job No. 0-155

Date:
Aug. 24, 2011

Splits

Sample #	**Au Oz/ton**	**g/tonne**
4372	<.001	<.03
4373	<.001	<.03
4374	<.001	<.03
4375	<.001	<.03
4376	<.001	<.03
4377	Pend	
4378	<.001	<.03
4379	<.001	<.03
4380	<.001	<.03
4381	<.001	<.03
4382	<.001	<.03
4383	<.001	<.03
4384	<.001	<.03
4385	0.010	0.343
4386	<.001	<.03
4387	<.001	<.03
4388	0.014	0.480
4389	<.001	<.03
4390	<.001	<.03
4391	<.001	<.03
4392	<.001	<.03

20 **Splits**
1 **Pend**

Std OxL78	0.178	6.103
Blank	<.001	<.03

Certified Assayer:



PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **10951**

Job No. 0-155

Date:
Aug. 24, 2011

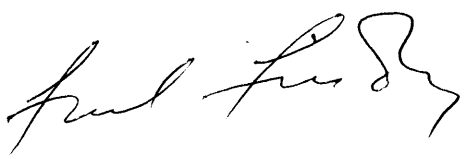
Splits

Sample #	**Au Oz/ton**	**g/tonne**
4393	0.048	1.646
4394	<.001	<.03
4395	<.001	<.03
4396	<.001	<.03
4397	<.001	<.03
4398	<.001	<.03
4399	<.001	<.03
4400	0.026	0.891
4401	<.001	<.03
4402	<.001	<.03
4403	<.001	<.03
4404	<.001	<.03
4405	<.001	<.03
4406	<.001	<.03
4407	<.001	<.03
4408	<.001	<.03
4409	<.001	<.03
4410	<.001	<.03
4411	<.001	<.03
4412	<.001	<.03
4413	0.164	5.623
4414	<.001	<.03

22 **Splits**

Std OxL78	0.172	5.897
Blank	<.001	<.03

Certified Assayer:



PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **10952**

Job No. 0-155

Date:
Aug. 24, 2011

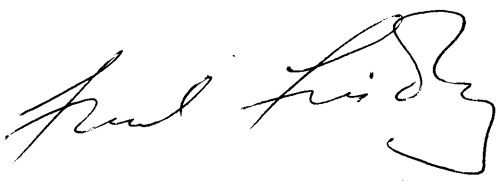
Splits

Sample #	**Au Oz/ton**	**g/tonne**
4415	<.001	<.03
05182	<.001	<.03
05183	<.001	<.03
05184	<.001	<.03
05185	0.024	0.823
05186	<.001	<.03
05187	<.001	<.03
05188	<.001	<.03
05189	<.001	<.03
05190	<.001	<.03
05191	<.001	<.03
05192	<.001	<.03
05193	<.001	<.03
05194	0.168	5.760
05195	<.001	<.03
05196	<.001	<.03
05197	<.001	<.03
05198	<.001	<.03
05199	<.001	<.03
05200	<.001	<.03
05201	<.001	<.03
05202	<.001	<.03

22 **Splits**

Std OxL78	0.172	5.897
Blank	<.001	<.03

Certified Assayer:



PolyMet Laboratories

		Client:	Queenston (Lebel Project)
CERTIFICATE	**10956**	Job No.	0-155

Date:
Aug. 24, 2011

	Original		**Check**	
Sample #	**Au Oz/ton**	**g/tonne**	**Au Oz/ton**	**g/tonne**
4377	0.040	1.371	0.048	1.646

1 + 2

Certified Assayer:

PolyMet Labs
A Division of Polymet Resources Ltd.

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Tel: (705) 679-5500 • Fax: (705) 679-5519
Email: info@polymetinc.com Website: www.polymetinc.com

Certificate of Analysis

Queenston Mining Inc.
(Lebel Project)

We certify that the assay results in the following Certificates are factual and true.

Certificate #'s 11260, 11261, 11262, 11263, 11264, 11265, 11266, 11267, 11268, 11269, 11270, 11271, 11272, 11273, 11274, 11275, 11276, 11277, 11278, & 11279

Certified by: _____
Chief Assayer

Certified by: _____
President/Manager

Date: September 26, 2011

Disclaimer: The results included on this report relate only to the items tested. The Certificate of Analysis should not be reproduced except in full, without the written approval of the laboratory.

PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **11260**

Job No. 0-155

Date:
Sept. 23, 2011

Splits

Sample #	**Au Oz/ton**	**g/tonne**
05803	<.001	<.03
05804	<.001	<.03
05805	<.001	<.03
05806	<.001	<.03
05807	<.001	<.03
05808	<.001	<.03
05809	0.050	1.714
05810	<.001	<.03
05811	<.001	<.03
05812	<.001	<.03
05813	<.001	<.03
05814	<.001	<.03
05815	<.001	<.03
05816	<.001	<.03
05817	<.001	<.03
05818	<.001	<.03
05819	<.001	<.03
05820	<.001	<.03
05821	<.001	<.03
05822	<.001	<.03
05823	<.001	<.03
05824	0.004	0.137
05825	0.002	0.069
05826	<.001	<.03
05827	<.001	<.03
05828	<.001	<.03
05829	<.001	<.03

27 **Splits**

Std OxL78	0.178	6.103
Blank	<.001	<.03

Certified Assayer:



PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **11261**

Job No. 0-155

Date:
Sept. 23, 2011

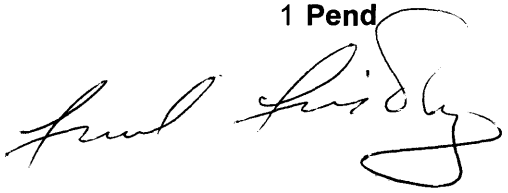
Splits

Sample #	**Au Oz/ton**	**g/tonne**
05830	<.001	<.03
05831	<.001	<.03
05832	<.001	<.03
05833	<.001	<.03
05834	0.166	5.691
05835	<.001	<.03
05836	<.001	<.03
05837	Pend	
05838	<.001	<.03
05839	<.001	<.03
05840	<.001	<.03
05841	<.001	<.03
05842	<.001	<.03
05843	<.001	<.03
05844	<.001	<.03
05845	<.001	<.03
05846	<.001	<.03
05847	0.014	0.480
05848	0.002	0.069
05849	0.002	0.069
05850	<.001	<.03

20 **Splits**
1 **Pend**

Std OxL78	0.178	6.103
Blank	<.001	<.03

Certified Assayer:



PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **11262**

Job No. 0-155

Date:
Sept. 23, 2011

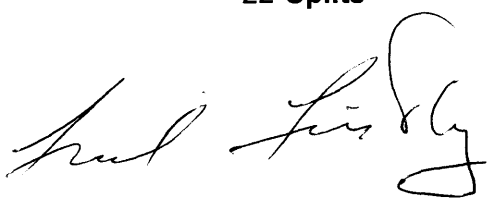
Splits

Sample #	**Au Oz/ton**	**g/tonne**
05851	<.001	<.03
05852	<.001	<.03
05853	<.001	<.03
05854	<.001	<.03
05855	<.001	<.03
05856	<.001	<.03
05857	<.001	<.03
05858	0.048	1.646
05859	<.001	<.03
05860	<.001	<.03
05861	<.001	<.03
05862	<.001	<.03
05863	<.001	<.03
05864	0.002	0.069
05865	<.001	<.03
05866	<.001	<.03
05867	<.001	<.03
05868	<.001	<.03
05869	<.001	<.03
05870	<.001	<.03
05871	<.001	<.03
05872	<.001	<.03

22 **Splits**

Std OxL78	0.172	5.897
Blank	<.001	<.03

Certified Assayer:



PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **11263**

Job No. 0-155

Date:
Sept. 23, 2011

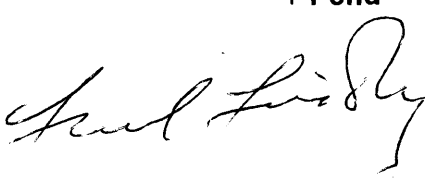
Splits

Sample #	**Au Oz/ton**	**g/tonne**
05873	<.001	<.03
05874	<.001	<.03
05875	<.001	<.03
05876	<.001	<.03
05877	<.001	<.03
05878	<.001	<.03
05879	<.001	<.03
05880	<.001	<.03
05881	<.001	<.03
05882	<.001	<.03
05883	0.164	5.623
05884	<.001	<.03
05885	<.001	<.03
05886	<.001	<.03
05887	<.001	<.03
05888	<.001	<.03
05889	0.018	0.617
05890	<.001	<.03
05891	Pend	
05892	<.001	<.03
05893	<.001	<.03
05894	0.028	0.960

21 **Splits**
1 **Pend**

Std OxL78	0.172	5.897
Blank	<.001	<.03

Certified Assayer:



PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **11264**

Job No. 0-155

Date:
Sept. 23, 2011

Splits

Sample #	**Au Oz/ton**	**g/tonne**
05895	<.001	<.03
05896	<.001	<.03
05897	<.001	<.03
05898	0.022	0.754
05899	0.002	0.069
05900	<.001	<.03
06301	<.001	<.03
06302	<.001	<.03
06303	<.001	<.03
06304	<.001	<.03
06305	<.001	<.03
06306	<.001	<.03
06307	0.052	1.783
06308	<.001	<.03
06309	<.001	<.03
06310	<.001	<.03
06311	<.001	<.03
06312	<.001	<.03
06313	<.001	<.03
06314	<.001	<.03
06315	<.001	<.03

21 **Splits**

Std OxL78	0.176	6.034
Blank	<.001	<.03

Certified Assayer:

PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **11265**

Job No. 0-155

Date:
Sept. 23, 2011

Splits

Sample #	**Au Oz/ton**	**g/tonne**
06316	<.001	<.03
06317	<.001	<.03
06318	<.001	<.03
06319	<.001	<.03
06320	<.001	<.03
06321	<.001	<.03
06322	<.001	<.03
06323	<.001	<.03
06324	<.001	<.03
06325	<.001	<.03
06326	<.001	<.03
06327	<.001	<.03
06328	<.001	<.03
06329	<.001	<.03
06330	<.001	<.03
06331	<.001	<.03
06332	0.168	5.760
06333	<.001	<.03
06334	<.001	<.03
06335	<.001	<.03
06336	<.001	<.03
06337	<.001	<.03

22 **Splits**

Std OxL78	0.176	6.034
Blank	<.001	<.03

Certified Assayer:

PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **11266**

Job No. 0-155

Date:
Sept. 23, 2011

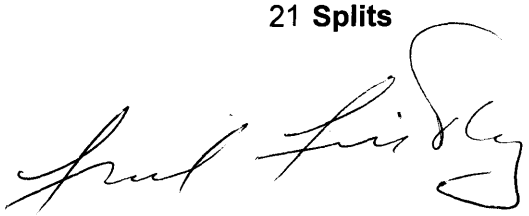
Splits

Sample #	**Au Oz/ton**	**g/tonne**
06338	<.001	<.03
06339	<.001	<.03
06340	<.001	<.03
06341	<.001	<.03
06342	<.001	<.03
06343	<.001	<.03
06344	<.001	<.03
06345	<.001	<.03
06346	<.001	<.03
06347	<.001	<.03
06348	<.001	<.03
06349	<.001	<.03
06350	<.001	<.03
06351	<.001	<.03
06352	<.001	<.03
06353	<.001	<.03
06354	<.001	<.03
06355	<.001	<.03
06356	<.001	<.03
06357	0.052	1.783
06358	<.001	<.03

21 **Splits**

Std OxL78	0.176	6.034
Blank	<.001	<.03

Certified Assayer:



PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **11267**

Job No. 0-155

Date:
Sept. 23, 2011

Splits

Sample #	**Au Oz/ton**	**g/tonne**
06359	<.001	<.03
06360	0.002	0.069
06361	<.001	<.03
06362	<.001	<.03
06363	<.001	<.03
06364	0.006	0.206
06365	<.001	<.03
06366	0.002	0.069
06367	<.001	<.03
06368	0.002	0.069
06369	<.001	<.03
06370	0.012	0.411
2767	<.001	<.03
07193	<.001	<.03
07194	<.001	<.03
07195	<.001	<.03
07196	<.001	<.03
07197	<.001	<.03
07198	<.001	<.03
07199	<.001	<.03
07200	<.001	<.03
07201	<.001	<.03

22
21 **Splits**
1 **Rock**

Std OxL78	0.176	6.034
Blank	<.001	<.03

Certified Assayer:

PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **11268**

Job No. 0-155

Date:
Sept. 23, 2011

Splits

Sample #	**Au Oz/ton**	**g/tonne**
07202	<.001	<.03
07203	<.001	<.03
07204	<.001	<.03
07205	<.001	<.03
07206	<.001	<.03
07207	<.001	<.03
07208	<.001	<.03
07209	<.001	<.03
07210	<.001	<.03
07211	0.166	5.691
07212	<.001	<.03
07213	<.001	<.03
07214	<.001	<.03
07215	<.001	<.03
07216	<.001	<.03
07217	<.001	<.03
07218	<.001	<.03
07219	<.001	<.03
07220	<.001	<.03
07221	<.001	<.03
07222	0.002	0.069
07223	<.001	<.03

22 **Splits**

Std OxL78	0.176	6.034
Blank	<.001	<.03

Certified Assayer: Carla Johnson

PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **11269**

Job No. 0-155

Date:
Sept. 23, 2011

Splits

Sample #	**Au Oz/ton**	**g/tonne**
07224	0.004	0.137
07225	<.001	<.03
07226	<.001	<.03
07227	<.001	<.03
07228	0.020	0.686
07229	<.001	<.03
07230	<.001	<.03
07231	<.001	<.03
07232	<.001	<.03
07233	<.001	<.03
07234	<.001	<.03
07235	<.001	<.03
07236	<.001	<.03
07237	<.001	<.03
07238	0.048	1.646
07239	<.001	<.03
07240	0.002	0.069
07241	<.001	<.03
07242	Pend	
07243	<.001	<.03
07244	<.001	<.03

20 **Splits**
1 **Pend**

Std OxL78	0.176	6.034
Blank	<.001	<.03

Certified Assayer: Carla Johnson

PolyMet Laboratories

		Client:	Queenston (Lebel Project)
CERTIFICATE	**11270**	Job No.	0-155

Date:
Sept. 23, 2011

	Original		**Check**	
Sample #	**Au Oz/ton**	**Au g/tonne**	**Au Oz/ton**	**Au g/tonne**
05837	0.094	3.223	0.092	3.154
05891	0.058	1.989	0.068	2.331
07242	0.040	1.371	0.044	1.509

3 + 6

Certified Assayer: Linda Johnson

PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **11271**

Job No. 0-155

Date:
Sept. 26, 2011

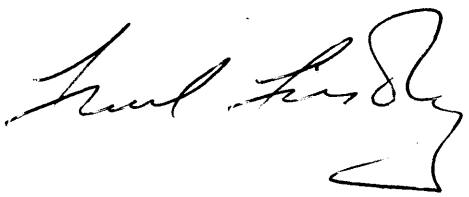
Splits

Sample #	**Au Oz/ton**	**g/tonne**
07245	<.001	<.03
07246	<.001	<.03
3306	Pend	
07382	0.018	0.617
07383	0.010	0.343
07384	<.001	<.03
07385	<.001	<.03
07386	<.001	<.03
07387	<.001	<.03
07388	<.001	<.03
07389	0.018	0.617
07390	0.016	0.549
07391	0.018	0.617
07392	<.001	<.03
07393	0.012	0.411
07394	0.014	0.480
07395	0.018	0.617
07396	0.028	0.960
07397	0.026	0.891
07398	<.001	<.03
07399	<.001	<.03
07400	0.014	0.480

21 **Splits**
1 **Pend**

Std OxL78	0.176	6.034
Blank	<.001	<.03

Certified Assayer:



PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **11272**

Job No. 0-155

Date:
Sept. 26, 2011

Splits

Sample #	**Au Oz/ton**	**g/tonne**
07401	<.001	<.03
07402	<.001	<.03
07403	0.002	0.069
07404	0.018	0.617
07405	0.020	0.686
07406	0.018	0.617
07407	<.001	<.03
07408	0.020	0.686
07409	0.028	0.960
07410	0.018	0.617
07411	0.008	0.274
07247	<.001	<.03
07248	<.001	<.03
07249	<.001	<.03
07250	<.001	<.03
07251	<.001	<.03
07252	<.001	<.03
07253	<.001	<.03
07254	<.001	<.03
07255	<.001	<.03
07256	<.001	<.03

21 **Splits**

Std OxL78	0.176	6.034
Blank	<.001	<.03

Certified Assayer:



PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **11273**

Job No. 0-155

Date:
Sept. 26, 2011

Splits

Sample #	**Au Oz/ton**	**g/tonne**
07257	<.001	<.03
07258	0.012	0.411
07259	0.006	0.206
07260	0.008	0.274
07261	0.170	5.829
07262	<.001	<.03
07263	<.001	<.03
07264	<.001	<.03
07265	<.001	<.03
07266	<.001	<.03
07267	<.001	<.03
07268	<.001	<.03
07269	<.001	<.03
07270	<.001	<.03
07271	<.001	<.03
07272	<.001	<.03
07273	<.001	<.03
07274	<.001	<.03
07275	<.001	<.03
07276	<.001	<.03
07277	<.001	<.03
07278	<.001	<.03

22 **Splits**

Std OxL78	0.180	6.171
Blank	<.001	<.03

Certified Assayer:



PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **11274**

Job No. 0-155

Date:
Sept. 26, 2011

Splits

Sample #	**Au Oz/ton**	**g/tonne**
07279	<.001	<.03
07280	<.001	<.03
07281	0.008	0.274
07282	0.050	1.714
07283	<.001	<.03
07284	<.001	<.03
07285	<.001	<.03
07286	0.014	0.480
07287	<.001	<.03
07288	<.001	<.03
07289	<.001	<.03
08001	0.026	0.891
08002	Pend	
08003	0.022	0.754
08004	Pend	
08005	Pend	
08006	Pend	
08007	Pend	
08008	Pend	
08009	0.012	0.411
08010	0.016	0.549
08011	0.014	0.480

16 **Splits**
6 **Pend**

Std OxL78	0.180	6.171
Blank	<.001	<.03

Certified Assayer:

PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **11275**

Job No. 0-155

Date:
Sept. 26, 2011

Splits

Sample #	**Au Oz/ton**	**g/tonne**
08012	0.014	0.480
08013	0.006	0.206
08014	0.002	0.069
08015	0.006	0.206
08016	<.001	<.03
07290	0.006	0.206
07291	0.002	0.069
07292	<.001	<.03
07293	<.001	<.03
07294	<.001	<.03
07295	0.006	0.206
07296	0.174	5.966
07297	<.001	<.03
07298	<.001	<.03
07299	<.001	<.03
07300	0.004	0.137
07339	0.002	0.069
07340	<.001	<.03
07341	0.002	0.069
07342	<.001	<.03
07343	<.001	<.03

21 **Splits**

Std OxL78	0.176	6.034
Blank	<.001	<.03

Certified Assayer:

PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **11276**

Job No. 0-155

Date:
Sept. 26, 2011

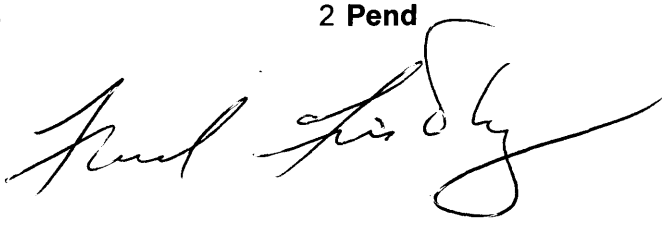
Splits

Sample #	**Au Oz/ton**	**g/tonne**
07344	0.002	0.069
07345	Pend	
07346	<.001	<.03
07347	<.001	<.03
07348	Pend	
07349	<.001	<.03
07350	<.001	<.03
07351	0.014	0.480
07352	0.002	0.069
07353	<.001	<.03
07354	<.001	<.03
07355	0.002	0.069
07356	0.052	1.783
07357	0.014	0.480
07358	<.001	<.03
07359	<.001	<.03
07360	<.001	<.03
07361	<.001	<.03
07362	0.010	0.343
07363	<.001	<.03
07364	<.001	<.03
07365	<.001	<.03

20 **Splits**
2 **Pend**

Std OxL78	0.176	6.034
Blank	<.001	<.03

Certified Assayer:



PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **11277**

Job No. 0-155

Date:
Sept. 26, 2011

Splits

Sample #	**Au Oz/ton**	**g/tonne**
07366	<.001	<.03
07367	<.001	<.03
07368	<.001	<.03
07369	<.001	<.03
07370	<.001	<.03
07371	<.001	<.03
07372	<.001	<.03
07373	<.001	<.03
07374	<.001	<.03
07375	<.001	<.03
07376	<.001	<.03
07377	<.001	<.03
07378	<.001	<.03
07412	<.001	<.03
07413	<.001	<.03
07414	<.001	<.03
07379	<.001	<.03
07380	0.170	5.829
07381	0.002	0.069
07415	<.001	<.03
07416	<.001	<.03
07417	<.001	<.03

22 **Splits**

Std OxL78	0.176	6.034
Blank	<.001	<.03

Certified Assayer:



PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **11278**

Job No. 0-155

Date:
Sept. 26, 2011

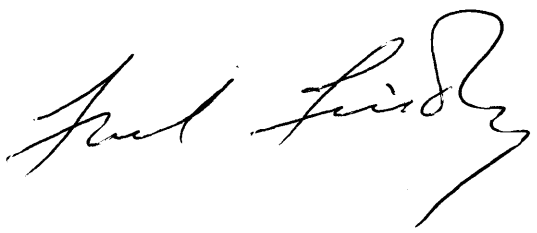
Splits

Sample #	**Au Oz/ton**	**g/tonne**
07418	0.052	1.783
07419	<.001	<.03
07420	<.001	<.03
07421	<.001	<.03
07422	<.001	<.03
07423	<.001	<.03
07424	<.001	<.03
07425	0.002	0.069
07426	<.001	<.03
07427	<.001	<.03
07428	0.004	0.137

11 **Splits**

Std OxL78	0.176	6.034
Blank	<.001	<.03

Certified Assayer:



PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **11279** Job No. 0-155

Date: Sept. 26, 2011

	Original		Check	
Sample #	**Au Oz/ton**	**Au g/tonne**	**Au Oz/ton**	**Au g/tonne**
3306	1.070	36.686	1.074	36.823
08002	0.052	1.783	0.050	1.714
08004	0.048	1.646	0.040	1.371
08005	0.036	1.234	0.030	1.029
08006	0.044	1.509	0.042	1.440
08007	0.042	1.440	0.038	1.303
08008	0.080	2.743	0.062	2.126
07345	0.040	1.371	0.034	1.166
07348	0.604	20.709	0.520	17.829

9 + 18

Certified Assayer:

PolyMet Labs
A Division of Polymet Resources Ltd.

1 Presley St, P.O. Box 699, Cobalt, Ontario, Canada P0J 1C0
Tel: (705) 679-5500 • Fax: (705) 679-5519
Email: info@polymetinc.com Website: www.polymetinc.com

Certificate of Analysis

Queenston Mining Inc.
(Lebel Project)

We certify that the assay results in the following Certificates are factual and true.

Certificate #'s 11306, 11307, 11308, 11309, 11310, 11311, 11312, & 11313

Certified by: _____
Chief Assayer

Certified by: _____
President/Manager

Date: September 28, 2011

Disclaimer: The results included on this report relate only to the items tested. The Certificate of Analysis should not be reproduced except in full, without the written approval of the laboratory.

PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **11306**

Job No. 0-155

Date:
Sept. 28, 2011

Splits

Sample #	**Au Oz/ton**	**g/tonne**
06371	<.001	<.03
06372	<.001	<.03
06373	<.001	<.03
06374	<.001	<.03
06375	<.001	<.03
06376	<.001	<.03
06377	<.001	<.03
06378	<.001	<.03
06379	<.001	<.03
06380	0.012	0.411
06381	<.001	<.03
06382	0.162	5.554
06383	<.001	<.03
06384	<.001	<.03

14 **Splits**

Std OxL78	0.176	6.034
Blank	<.001	<.03

Certified Assayer:

PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **11307**

Job No. 0-155

Date:
Sept. 28, 2011

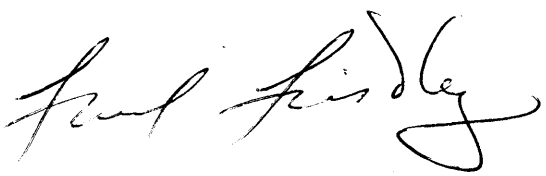
Splits

Sample #	**Au Oz/ton**	**g/tonne**
06385	<.001	<.03
06386	<.001	<.03
06387	<.001	<.03
06388	<.001	<.03
06389	<.001	<.03
06390	<.001	<.03
06391	0.002	0.069
06392	<.001	<.03
06393	<.001	<.03
06394	<.001	<.03
06395	<.001	<.03
06396	<.001	<.03
06402	<.001	<.03
06403	<.001	<.03
06404	<.001	<.03
06405	<.001	<.03
06406	<.001	<.03
06407	0.052	1.783
06408	<.001	<.03
06409	0.002	0.069
06410	<.001	<.03

21 **Splits**

Std OxL78	0.178	6.103
Blank	<.001	<.03

Certified Assayer:



PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **11308**

Job No. 0-155

Date:
Sept. 28, 2011

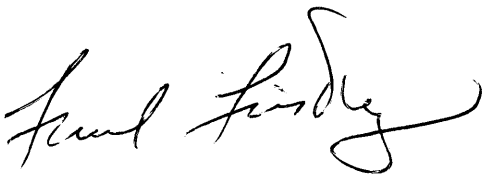
Splits

Sample #	**Au Oz/ton**	**g/tonne**
06411	0.008	0.274
06412	0.004	0.137
06413	<.001	<.03
06414	<.001	<.03
06415	<.001	<.03
06416	0.002	0.069
06417	0.008	0.274
06418	<.001	<.03
06419	<.001	<.03
06420	0.014	0.480
06421	<.001	<.03
06422	<.001	<.03
06423	<.001	<.03
06424	<.001	<.03
06425	<.001	<.03
06426	<.001	<.03
06427	<.001	<.03
06428	<.001	<.03
06429	<.001	<.03
06430	<.001	<.03
06431	<.001	<.03
06432	<.001	<.03

22 **Splits**

Std OxL78	0.178	6.103
Blank	<.001	<.03

Certified Assayer:



PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **11309**

Job No. 0-155

Date:
Sept. 28, 2011

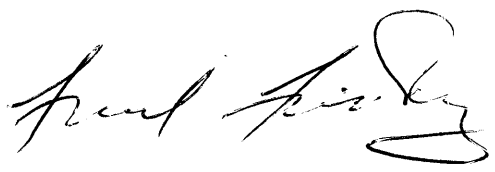
Splits

Sample #	**Au Oz/ton**	**g/tonne**
06433	0.164	5.623
06434	<.001	<.03
06435	<.001	<.03
06436	<.001	<.03
06437	<.001	<.03
06438	<.001	<.03
06439	0.014	0.480
06440	0.008	0.274
06441	0.028	0.960
06442	<.001	<.03
06443	<.001	<.03
06444	0.018	0.617
06445	0.022	0.754
06446	<.001	<.03
06447	<.001	<.03
06448	0.002	0.069
06449	0.002	0.069
06450	0.002	0.069
06451	<.001	<.03
06452	<.001	<.03
06453	0.008	0.274

21 **Splits**

Std OxL78	0.176	6.034
Blank	<.001	<.03

Certified Assayer:



PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **11310**

Job No. 0-155

Date:
Sept. 28, 2011

Splits

Sample #	**Au Oz/ton**	**g/tonne**
06454	0.004	0.137
06455	0.004	0.137
06456	0.052	1.783
06457	0.010	0.343
06458	0.016	0.549
06459	<.001	<.03
06460	<.001	<.03
06461	<.001	<.03
06462	<.001	<.03
07429	<.001	<.03
07430	<.001	<.03
07431	<.001	<.03
07432	<.001	<.03
07433	<.001	<.03
07434	<.001	<.03
07435	0.166	5.691
07436	0.016	0.549
07437	0.028	0.960
07438	0.016	0.549
07439	<.001	<.03
07440	<.001	<.03
07441	<.001	<.03

22 **Splits**

Std OxL78	0.176	6.034
Blank	<.001	<.03

Certified Assayer:

PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **11311**

Job No. 0-155

Date:
Sept. 28, 2011

Splits

Sample #	**Au Oz/ton**	**g/tonne**
07442	0.012	0.411
07443	<.001	<.03
07444	<.001	<.03
07445	<.001	<.03
07446	0.002	0.069
07447	0.020	0.686
07448	<.001	<.03
07449	0.010	0.343
07450	0.002	0.069
07451	0.012	0.411
07452	<.001	<.03
07453	<.001	<.03
07454	<.001	<.03
07455	<.001	<.03
07456	<.001	<.03
07457	<.001	<.03
07458	<.001	<.03
07459	<.001	<.03
07460	<.001	<.03
07461	<.001	<.03
07462	<.001	<.03
07463	<.001	<.03

22 **Splits**

Std OxL78	0.178	6.103
Blank	<.001	<.03

Certified Assayer:



PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **11312**

Job No. 0-155

Date:
Sept. 28, 2011

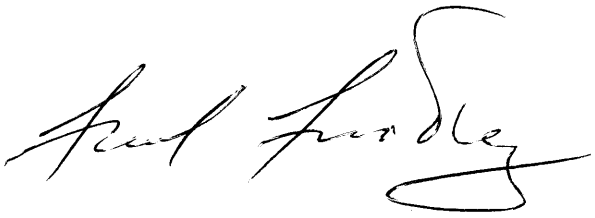
Splits

Sample #	**Au Oz/ton**	**g/tonne**
07464	0.008	0.274
07465	0.002	0.069
07466	<.001	<.03
07467	<.001	<.03
07468	<.001	<.03
07469	<.001	<.03
07470	0.002	0.069
07471	<.001	<.03
07472	<.001	<.03
07473	<.001	<.03
07474	0.052	1.783
07475	<.001	<.03
07476	<.001	<.03
07477	<.001	<.03
07478	<.001	<.03
07479	<.001	<.03
07480	<.001	<.03
07481	<.001	<.03
07482	<.001	<.03
07483	<.001	<.03
07484	<.001	<.03

21 **Splits**

Std OxL78	0.178	6.103
Blank	<.001	<.03

Certified Assayer:



PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **11313**

Job No. 0-155

Date:
Sept. 28, 2011

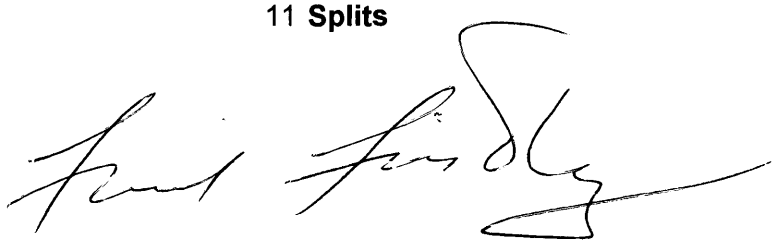
Splits

Sample #	**Au Oz/ton**	**g/tonne**
07485	<.001	<.03
07486	<.001	<.03
07487	<.001	<.03
07488	0.008	0.274
07489	0.002	0.069
07490	<.001	<.03
07491	<.001	<.03
07492	<.001	<.03
07493	<.001	<.03
07494	<.001	<.03
07495	<.001	<.03

11 **Splits**

Std OxL78	0.174	5.966
Blank	<.001	<.03

Certified Assayer:



PolyMet Labs
A Division of Polymet Resources Ltd.

1 Presley St, P.O. Box 699, Cobalt, Ontario, Canada P0J 1C0
Tel: (705) 679-5500 • Fax: (705) 679-5519
Email: info@polymetinc.com Website: www.polymetinc.com

Certificate of Analysis

Queenston Mining Inc.
(Lebel Project)

We certify that the assay results in the following Certificates are factual and true.

Certificate #'s 12168, 12169, 12170, 12171, 12172, 12173, 12174, 12175, 12176, 12177, 12178, 12179, 12180, 12181, & 12182

Certified by: _____
Chief Assayer

Certified by: _____
President/Manager

Date: December 15, 2011

Disclaimer: The results included on this report relate only to the items tested. The Certificate of Analysis should not be reproduced except in full, without the written approval of the laboratory.

PolyMet Laboratories

Client: Queenston (Lebel Project)
Job No. 0-155

CERTIFICATE **12168**

Date:
Dec. 15, 2011

Splits

Sample #	**Au Oz/ton**	**Au g/tonne**
10154	<.001	<.03
10155	<.001	<.03
10156	<.001	<.03
10157	<.001	<.03
10158	<.001	<.03
10159	<.001	<.03
10160	0.004	0.137
10161	<.001	<.03
10162	0.004	0.137

9 **Splits**

Std OxL 93	0.172	5.897
Blank	<.001	<.03

Certified Assayer:

PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **12169**

Job No. 0-155

Date:
Dec. 15, 2011

Splits

Sample #	**Au Oz/ton**	**Au g/tonne**
10163	<.001	<.03
10164	<.001	<.03
10165	<.001	<.03
10166	<.001	<.03
10167	0.002	0.069
10168	<.001	<.03
10169	<.001	<.03
10170	<.001	<.03
10171	0.002	0.069
10172	<.001	<.03
10173	0.164	5.623
10174	0.002	0.069
10175	<.001	<.03
10176	<.001	<.03
10177	0.028	0.960
10178	0.012	0.411
10179	0.004	0.137
10180	<.001	<.03
10181	<.001	<.03
10182	<.001	<.03
10183	Pend	

20 **Splits**
1 **Pend**

Std OxL 93	0.170	5.829
Blank	<.001	<.03

Certified Assayer:

PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **12170**

Job No. 0-155

Date:
Dec. 15, 2011

Splits

Sample #	Au Oz/ton	Au g/tonne
10184	0.020	0.686
10185	0.010	0.343
10186	<.001	<.03
10187	0.002	0.069
10188	<.001	<.03
10189	0.008	0.274
10190	0.052	1.783
10191	<.001	<.03
10192	<.001	<.03
10193	<.001	<.03
10194	<.001	<.03
10195	<.001	<.03
10196	<.001	<.03
10197	<.001	<.03
10198	<.001	<.03
10199	<.001	<.03
10200	<.001	<.03
10201	<.001	<.03
10202	<.001	<.03
10203	<.001	<.03
10204	0.002	0.069
10205	0.008	0.274

22 **Splits**

Std OxL 93	0.170	5.829
Blank	<.001	<.03

Certified Assayer:

PolyMet Laboratories

Client: Queenston (Lebel Project)
Job No. 0-155

CERTIFICATE **12171**

Date:
Dec. 15, 2011

Splits

Sample #	**Au Oz/ton**	**Au g/tonne**
10206	0.002	0.069
10207	0.004	0.137
10208	0.008	0.274
10209	0.002	0.069
10210	0.028	0.960
10211	0.010	0.343
10212	0.002	0.069
10213	Pend	
10214	0.026	0.891
10215	0.166	5.691
10216	0.018	0.617
10217	<.001	<.03
10218	0.006	0.206
10219	<.001	<.03
10220	0.014	0.480
10221	0.008	0.274
10222	<.001	<.03
10223	0.010	0.343
10224	0.006	0.206
10225	0.016	0.549
10226	Pend	
10227	0.004	0.137

20 **Splits**
2 **Pend**

Std OxL 93	0.178	6.103
Blank	<.001	<.03

Certified Assayer:



PolyMet Laboratories

Client: Queenston (Lebel Project)
Job No. 0-155

CERTIFICATE **12172**

Date:
Dec. 15, 2011

Splits

Sample #	Au Oz/ton	Au g/tonne
10228	<.001	<.03
10229	<.001	<.03
10230	<.001	<.03
10231	0.002	0.069
10232	0.004	0.137
10233	0.016	0.549
10234	0.020	0.686
10235	0.010	0.343
10236	0.006	0.206
10237	0.008	0.274
10238	0.052	1.783
10239	Pend	
10240	<.001	<.03
10241	0.010	0.343
10242	0.006	0.206
10243	0.008	0.274
10244	<.001	<.03
12226	<.001	<.03
12227	<.001	<.03
12228	<.001	<.03
12229	0.052	1.783
12230	<.001	<.03

21 **Splits**
1 **Pend**

Std OxL 93	0.178	6.103
Blank	<.001	<.03

Certified Assayer:

PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **12173**

Job No. 0-155

Date:
Dec. 15, 2011

Splits

Sample #	**Au Oz/ton**	**Au g/tonne**
12231	<.001	<.03
12232	<.001	<.03
12233	<.001	<.03
12234	<.001	<.03
12235	<.001	<.03
12236	<.001	<.03
12237	<.001	<.03
12238	<.001	<.03
12239	<.001	<.03
12240	<.001	<.03
12241	<.001	<.03
10245	<.001	<.03
10246	0.016	0.549
10247	<.001	<.03
10248	<.001	<.03
10249	<.001	<.03
10250	<.001	<.03
10251	0.002	0.069
10252	0.002	0.069
10253	<.001	<.03
10254	<.001	<.03

21 **Splits**

Std OxL 93	0.176	6.034
Blank	<.001	<.03

Certified Assayer:

PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **12174**

Job No. 0-155

Date:
Dec. 15, 2011

Splits

Sample #	**Au Oz/ton**	**Au g/tonne**
10255	0.004	0.137
10256	<.001	<.03
10257	0.004	0.137
10258	0.006	0.206
10259	<.001	<.03
10260	<.001	<.03
10261	0.020	0.686
10262	<.001	<.03
10263	0.164	5.623
10264	<.001	<.03
10265	<.001	<.03
10266	<.001	<.03
10267	<.001	<.03
10268	<.001	<.03
10269	<.001	<.03
10270	<.001	<.03
10271	0.016	0.549
10272	0.014	0.480
10273	0.010	0.343
10274	0.014	0.480
10275	0.022	0.754
10276	<.001	<.03

22 **Splits**

Std OxL 93	0.176	6.034
Blank	<.001	<.03

Certified Assayer:

PolyMet Laboratories

Client: Queenston (Lebel Project)
Job No. 0-155

CERTIFICATE **12175**

Date:
Dec. 15, 2011

Splits

Sample #	Au Oz/ton	Au g/tonne
10277	0.012	0.411
12078	0.016	0.549
13879	0.022	0.754
15680	Pend	
17481	0.008	0.274
19282	0.008	0.274
21083	0.004	0.137
22884	0.014	0.480
24685	0.010	0.343
26486	0.008	0.274
28287	0.006	0.206
30088	0.018	0.617
31889	0.054	1.851
33690	0.016	0.549
35491	Pend	
37292	0.004	0.137
39093	<.001	<.03
40894	0.026	0.891
42695	Pend	
44496	Pend	
46297	Pend	

16 **Splits**
5 **Pend**

Std OxL 93	0.178	6.103
Blank	<.001	<.03

Certified Assayer:

PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **12176**

Job No. 0-155

Date:
Dec. 15, 2011

Splits

Sample #	**Au Oz/ton**	**Au g/tonne**
10298	0.008	0.274
10299	0.016	0.549
10300	0.004	0.137
10301	0.024	0.823
10302	<.001	<.03
10303	<.001	<.03
10304	<.001	<.03
10305	<.001	<.03
10306	0.010	0.343
10307	0.002	0.069
10308	<.001	<.03
10309	0.010	0.343
10310	0.012	0.411
10311	0.158	5.417
10312	Pend	
10313	0.018	0.617
10314	0.018	0.617
10315	Pend	
10316	0.012	0.411
10317	0.002	0.069
10318	0.008	0.274
10319	<.001	<.03

20 **Splits**
2 **Pend**

Std OxL 93	0.178	6.103
Blank	<.001	<.03

Certified Assayer:



PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **12177**

Job No. 0-155

Date:
Dec. 15, 2011

Splits

Sample #	**Au Oz/ton**	**Au g/tonne**
10320	<.001	<.03
10321	<.001	<.03
10322	<.001	<.03
10323	0.002	0.069
10324	<.001	<.03
10325	0.018	0.617
10326	<.001	<.03
10327	<.001	<.03
10328	<.001	<.03
10329	<.001	<.03
10330	<.001	<.03
10331	<.001	<.03
10332	<.001	<.03
10333	<.001	<.03
10334	<.001	<.03
10335	Pend	
10336	0.052	1.783
10337	0.024	0.823
10338	Pend	
10339	<.001	<.03
10340	Pend	
10341	Pend	

18 **Splits**
4 **Pend**

Std OxL 93	0.172	5.897
Blank	<.001	<.03

Certified Assayer:

PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **12178**

Job No. 0-155

Date:
Dec. 15, 2011

Splits

Sample #	**Au Oz/ton**	**Au g/tonne**
10342	Pend	
10343	Pend	
10344	<.001	<.03
10345	0.008	0.274
10346	Pend	
10347	<.001	<.03
10348	0.026	0.891
10349	0.016	0.549
10350	<.001	<.03
10351	<.001	<.03
10352	<.001	<.03
10353	<.001	<.03
10354	0.006	0.206
10355	0.028	0.960
10356	Pend	
10357	<.001	<.03
10358	Pend	
10359	0.014	0.480
10360	0.004	0.137
10361	0.008	0.274
10362	0.172	5.897

16 **Splits**
5 **Pend**

Std OxL 93	0.172	5.897
Blank	<.001	<.03

Certified Assayer:



PolyMet Laboratories

Client: Queenston (Lebel Project)
Job No. 0-155

CERTIFICATE **12179**

Date:
Dec. 15, 2011

Splits

Sample #	Au Oz/ton	Au g/tonne
10363	0.022	0.754
10364	0.010	0.343
12248	<.001	<.03
12249	<.001	<.03
12250	<.001	<.03
12251	<.001	<.03
12252	<.001	<.03
12253	<.001	<.03
12254	0.052	1.783
12255	<.001	<.03
12256	<.001	<.03
12257	<.001	<.03
12258	<.001	<.03
12259	<.001	<.03
12260	<.001	<.03
12261	<.001	<.03
12262	<.001	<.03
12263	<.001	<.03
12264	0.010	0.343
12265	<.001	<.03
12266	<.001	<.03
12267	<.001	<.03

22 **Splits**

Std OxL 93	0.172	5.897
Blank	<.001	<.03

Certified Assayer:

PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **12180**

Job No. 0-155

Date:
Dec. 15, 2011

Splits

Sample #	**Au Oz/ton**	**Au g/tonne**
12268	<.001	<.03
12269	<.001	<.03
12321	0.008	0.274
12322	0.002	0.069
12323	0.004	0.137
12324	0.012	0.411
12325	0.022	0.754
12326	<.001	<.03
12327	<.001	<.03
12328	0.022	0.754
12329	0.166	5.691
12330	<.001	<.03
12331	0.004	0.137
12332	0.008	0.274
12333	0.008	0.274
12334	<.001	<.03
12335	0.012	0.411
12336	<.001	<.03
12337	<.001	<.03
12338	<.001	<.03
12339	0.010	0.343

21 **Splits**

Std OxL 93	0.172	5.897
Blank	<.001	<.03

Certified Assayer:

PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **12181**

Job No. 0-155

Date:
Dec. 15, 2011

Splits

Sample #	**Au Oz/ton**	**Au g/tonne**
12340	<.001	<.03
12341	<.001	<.03
12342	<.001	<.03
12343	<.001	<.03
12344	<.001	<.03
12345	<.001	<.03
12346	<.001	<.03
12347	<.001	<.03
12348	<.001	<.03
12349	<.001	<.03
12350	0.002	0.069
12351	0.028	0.960
12352	0.008	0.274
12353	<.001	<.03
12354	<.001	<.03
12356	0.026	0.891
12357	<.001	<.03
12358	0.018	0.617
12359	0.022	0.754
12360	0.052	1.783
12361	0.022	0.754
12362	<.001	<.03
12363	0.028	0.960
12364	Pend	
12365	0.016	0.549
12366	0.012	0.411
12367	0.002	0.069
12368	<.001	<.03

27 **Splits**
1 **Pend**

Std OxL 93	0.172	5.897
Blank	<.001	<.03

Certified Assayer:

PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **12182**

Job No. 0-155

Date:
Dec. 15, 2011

	Original		Check	
Sample #	**Au Oz/ton**	**Au g/tonne**	**Au Oz/ton**	**Au g/tonne**
10183	0.042	1.440	0.050	1.714
10213	0.052	1.783	0.052	1.783
10226	0.056	1.920	0.052	1.783
10239	0.076	2.606	0.070	2.400
10280	0.046	1.577	0.044	1.509
10291	0.108	3.703	0.088	3.017
10295	0.094	3.223	0.092	3.154
10296	0.072	2.469	0.076	2.606
10297	0.034	1.166	0.040	1.371
10312	0.060	2.057	0.052	1.783
10315	0.032	1.097	0.038	1.303
10335	0.036	1.234	0.038	1.303
10338	0.040	1.371	0.040	1.371
10340	0.068	2.331	0.076	2.606
10341	0.044	1.509	0.050	1.714
10342	0.044	1.509	0.044	1.509
10343	0.046	1.577	0.046	1.577
10346	0.036	1.234	0.036	1.234
10356	0.040	1.371	0.048	1.646
10358	0.046	1.577	0.042	1.440
12364	0.426	14.606	0.344	11.794

21 + 42

Certified Assayer:

PolyMet Labs
A Division of Polymet Resources Ltd.

1 Presley St, P.O. Box 699, Cobalt, Ontario, Canada P0J 1C0
Tel: (705) 679-5500 • Fax: (705) 679-5519
Email: info@polymetinc.com Website: www.polymetinc.com

Certificate of Analysis

Queenston Mining Inc.
(Lebel Project)

We certify that the assay results in the following Certificates are factual and true.

Certificate #'s 12493, 12494, 12495, 12496, 12497, 12498, 12499, 12500, 12501, 12502, 12503, 12504, 12505, 12506, & 12507

Certified by: _____
Chief Assayer

Certified by: _____
President/Manager

Date: January 18, 2012

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PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **12493**

Job No. 0-155

Date:
Jan.18, 2012

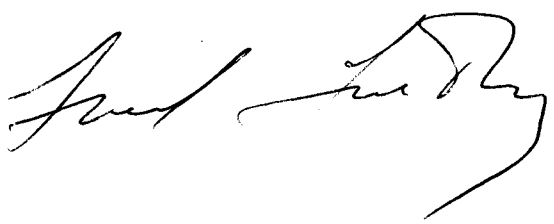
Splits

Sample #	**Au Oz/ton**	**Au g/tonne**
11864	<.001	<.03
11865	<.001	<.03
11866	<.001	<.03
11867	0.052	1.783
11868	<.001	<.03
11869	<.001	<.03
11870	<.001	<.03
11871	0.002	0.069
11872	<.001	<.03
11873	<.001	<.03
11874	<.001	<.03
11875	<.001	<.03
11876	<.001	<.03
11877	<.001	<.03
11878	<.001	<.03
11879	<.001	<.03
11880	<.001	<.03
11881	<.001	<.03

18 **Splits**

Std OxL 93	0.174	5.966
Blank	<.001	<.03

Certified Assayer:



PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **12494**

Job No. 0-155

Date:
Jan.18, 2012

Splits

Sample #	**Au Oz/ton**	**Au g/tonne**
11882	<.001	<.03
11883	<.001	<.03
11884	<.001	<.03
11885	<.001	<.03
11886	<.001	<.03
11887	<.001	<.03
11888	<.001	<.03
11889	<.001	<.03
11890	<.001	<.03
11891	<.001	<.03
11892	0.164	5.623
11893	<.001	<.03
11894	<.001	<.03
11895	<.001	<.03
11896	<.001	<.03
11897	<.001	<.03
11898	<.001	<.03
11899	<.001	<.03
11900	<.001	<.03
11351	<.001	<.03
11352	<.001	<.03
11353	<.001	<.03

22 **Splits**

Std OxL 93	0.174	5.966
Blank	<.001	<.03

Certified Assayer:

PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **12495**

Job No. 0-155

Date:
Jan.18, 2012

Splits

Sample #	**Au Oz/ton**	**Au g/tonne**
11354	<.001	<.03
11355	<.001	<.03
11356	<.001	<.03
11357	<.001	<.03
11358	<.001	<.03
11359	<.001	<.03
11360	<.001	<.03
11361	<.001	<.03
11362	<.001	<.03
11363	<.001	<.03
11364	<.001	<.03
11365	<.001	<.03
11366	<.001	<.03
11367	0.052	1.783
11368	<.001	<.03
11369	<.001	<.03
11370	<.001	<.03
11371	Pend	
11372	<.001	<.03
11373	<.001	<.03
11374	<.001	<.03
11375	<.001	<.03

21 **Splits**
1 **Pend**

Std OxL 93	0.172	5.897
Blank	<.001	<.03

Certified Assayer:



PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **12496**

Job No. 0-155

Date:
Jan.18, 2012

Splits

Sample #	**Au Oz/ton**	**Au g/tonne**
11376	<.001	<.03
11377	<.001	<.03
11378	<.001	<.03
11379	<.001	<.03
11380	<.001	<.03
11381	0.006	0.206
11382	<.001	<.03
11383	<.001	<.03
11384	<.001	<.03
11385	<.001	<.03
11386	<.001	<.03
11387	<.001	<.03
11388	<.001	<.03
11389	<.001	<.03
11390	<.001	<.03
11391	<.001	<.03
11392	0.172	5.897
11393	<.001	<.03
11394	<.001	<.03
11395	<.001	<.03
11396	<.001	<.03

21 **Splits**

Std OxL 93	0.172	5.897
Blank	<.001	<.03

Certified Assayer:

PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **12497**

Job No. 0-155

Date:
Jan.18, 2012

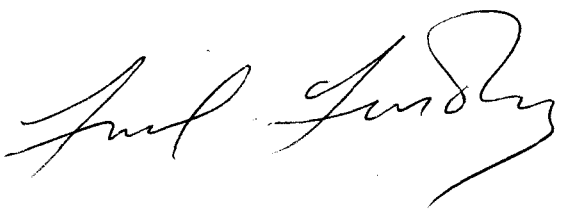
Splits

Sample #	**Au Oz/ton**	**Au g/tonne**
11397	<.001	<.03
11398	<.001	<.03
11399	<.001	<.03
11400	<.001	<.03
11401	<.001	<.03
11402	<.001	<.03
11403	<.001	<.03
11404	<.001	<.03
11405	<.001	<.03
11406	<.001	<.03
11407	<.001	<.03
11408	<.001	<.03
11409	<.001	<.03
11410	<.001	<.03
11411	<.001	<.03
11412	<.001	<.03
11413	<.001	<.03
11414	<.001	<.03
11415	<.001	<.03
11416	<.001	<.03
11417	<.001	<.03
11418	0.050	1.714

22 **Splits**

Std OxL 93	0.172	5.897
Blank	<.001	<.03

Certified Assayer:



PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **12498**

Job No. 0-155

Date:
Jan.18, 2012

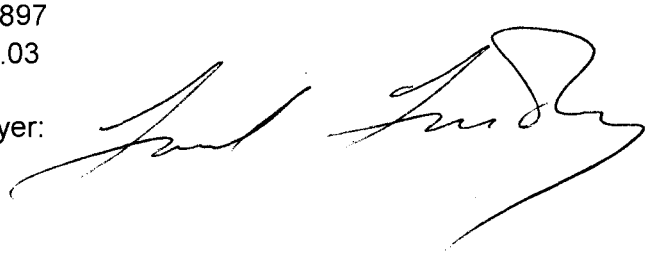
Splits

Sample #	**Au Oz/ton**	**Au g/tonne**
11419	<.001	<.03
11420	<.001	<.03
11421	<.001	<.03
11422	<.001	<.03
11423	<.001	<.03
11424	<.001	<.03
11425	<.001	<.03
11426	<.001	<.03
11427	<.001	<.03
11428	<.001	<.03
11429	<.001	<.03
11430	<.001	<.03
11431	<.001	<.03
11432	<.001	<.03
11433	<.001	<.03
11434	<.001	<.03
11435	<.001	<.03
11436	<.001	<.03
11437	0.002	0.069
11438	<.001	<.03
12101	<.001	<.03
12102	<.001	<.03

22 **Splits**

Std OxL 93	0.172	5.897
Blank	<.001	<.03

Certified Assayer:



PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **12499**

Job No. 0-155

Date:
Jan.18, 2012

Splits

Sample #	**Au Oz/ton**	**Au g/tonne**
12103	0.026	0.891
12104	<.001	<.03
12105	<.001	<.03
12106	<.001	<.03
12107	<.001	<.03
12108	<.001	<.03
12109	<.001	<.03
12110	0.018	0.617
12111	<.001	<.03
12112	<.001	<.03
12113	<.001	<.03
12114	<.001	<.03
12115	<.001	<.03
12116	<.001	<.03
12117	<.001	<.03
12118	<.001	<.03
12119	<.001	<.03
12120	<.001	<.03
12121	<.001	<.03
12122	<.001	<.03
12123	<.001	<.03
12124	<.001	<.03

22 **Splits**

Std OxL 93	0.170	5.829
Blank	<.001	<.03

Certified Assayer:



PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **12500**

Job No. 0-155

Date:
Jan.18, 2012

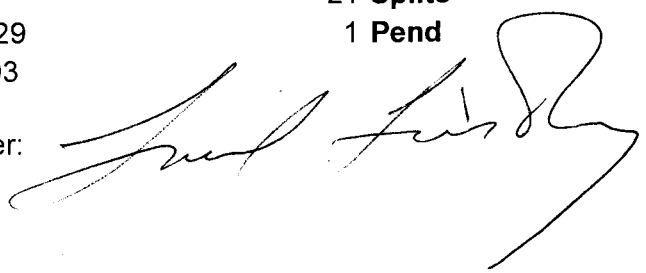
Splits

Sample #	**Au Oz/ton**	**Au g/tonne**
12125	0.164	5.623
12126	<.001	<.03
12127	<.001	<.03
12128	<.001	<.03
12129	<.001	<.03
12130	<.001	<.03
12131	<.001	<.03
12132	<.001	<.03
12133	<.001	<.03
12134	<.001	<.03
12135	<.001	<.03
12136	0.028	0.960
12137	Pend	
12138	<.001	<.03
12139	<.001	<.03
12140	0.008	0.274
12141	<.001	<.03
12142	<.001	<.03
12143	<.001	<.03
12144	<.001	<.03
12145	<.001	<.03
12146	<.001	<.03

21 **Splits**
1 **Pend**

Std OxL 93	0.170	5.829
Blank	<.001	<.03

Certified Assayer:



PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **12501**

Job No. 0-155

Date:
Jan.18, 2012

Splits

Sample #	**Au Oz/ton**	**Au g/tonne**
12147	<.001	<.03
12148	0.002	0.069
12149	<.001	<.03
12150	0.052	1.783
13301	<.001	<.03
13302	<.001	<.03
13303	<.001	<.03
13304	<.001	<.03
13305	<.001	<.03
13306	<.001	<.03
13307	<.001	<.03
13308	0.002	0.069
13309	<.001	<.03
13310	Pend	
13311	0.010	0.343
13312	0.010	0.343
11594	<.001	<.03
11595	<.001	<.03
11596	<.001	<.03
2545	0.002	0.069
2546	0.018	0.617
2547	Pend	

20 **Splits**
2 **Pend**

Std OxL 93	0.170	5.829
Blank	<.001	<.03

Certified Assayer:

PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **12502**

Job No. 0-155

Date:
Jan.18, 2012

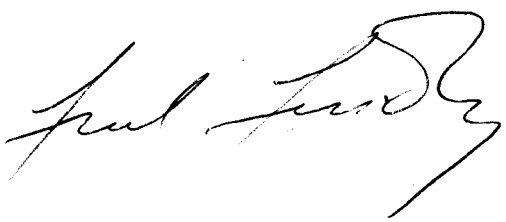
Splits

Sample #	**Au Oz/ton**	**Au g/tonne**
12477	<.001	<.03
12478	<.001	<.03
12479	<.001	<.03
12480	0.002	0.069
12481	<.001	<.03
12482	<.001	<.03
12483	<.001	<.03
12484	<.001	<.03
12485	<.001	<.03
11597	<.001	<.03
11598	<.001	<.03
11599	0.002	0.069
11600	<.001	<.03
11601	<.001	<.03
11602	<.001	<.03
11603	<.001	<.03
11604	<.001	<.03
11605	<.001	<.03
11606	<.001	<.03
11607	<.001	<.03
11608	<.001	<.03
11609	<.001	<.03

22 **Splits**

Std OxL 93	0.170	5.829
Blank	<.001	<.03

Certified Assayer:



PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **12503**

Job No. 0-155

Date:
Jan.18, 2012

Splits

Sample #	**Au Oz/ton**	**Au g/tonne**
11610	<.001	<.03
11611	0.002	0.069
11612	0.004	0.137
11613	<.001	<.03
11614	0.002	0.069
11615	0.050	1.714
11616	0.002	0.069
11617	0.004	0.137
11618	<.001	<.03
11619	0.008	0.274
11620	<.001	<.03
11621	<.001	<.03
11622	<.001	<.03
11623	<.001	<.03
11624	<.001	<.03
11625	<.001	<.03
11626	<.001	<.03
11627	<.001	<.03
11628	<.001	<.03
11629	<.001	<.03
11630	<.001	<.03
11631	<.001	<.03

22 **Splits**

Std OxL 93	0.170	5.829
Blank	<.001	<.03

Certified Assayer:

PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **12504**

Job No. 0-155

Date:
Jan.18, 2012

Splits

Sample #	**Au Oz/ton**	**Au g/tonne**
11632	<.001	<.03
11633	<.001	<.03
11634	<.001	<.03
11635	<.001	<.03
11636	<.001	<.03
11637	<.001	<.03
11638	<.001	<.03
11639	<.001	<.03
11640	0.166	5.691
11641	<.001	<.03
11642	<.001	<.03
11643	<.001	<.03
11644	<.001	<.03
11645	<.001	<.03
11646	<.001	<.03
11647	<.001	<.03
11648	<.001	<.03
11649	<.001	<.03
11650	<.001	<.03
11651	<.001	<.03
11652	<.001	<.03
11653	<.001	<.03

22 **Splits**

Std OxL 93	0.170	5.829
Blank	<.001	<.03

Certified Assayer:



PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **12505**

Job No. 0-155

Date:
Jan.18, 2012

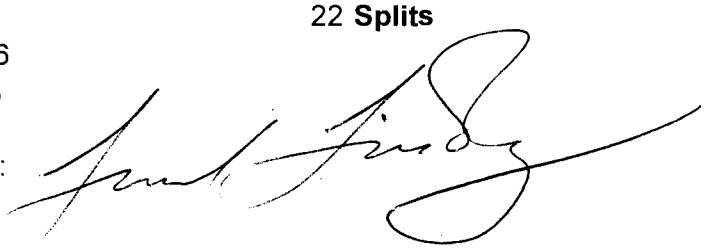
Splits

Sample #	**Au Oz/ton**	**Au g/tonne**
11654	<.001	<.03
11655	<.001	<.03
11656	<.001	<.03
11657	<.001	<.03
11658	<.001	<.03
11659	0.002	0.069
11660	<.001	<.03
11661	<.001	<.03
11662	<.001	<.03
11663	<.001	<.03
11664	<.001	<.03
11665	0.052	1.783
11666	<.001	<.03
11667	<.001	<.03
11668	<.001	<.03
11669	<.001	<.03
11670	<.001	<.03
11671	<.001	<.03
11672	<.001	<.03
11673	<.001	<.03
11674	<.001	<.03
11675	<.001	<.03

22 **Splits**

Std OxL 93	0.174	5.966
Blank	<.001	<.03

Certified Assayer:



PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **12506**

Job No. 0-155

Date:
Jan.18, 2012

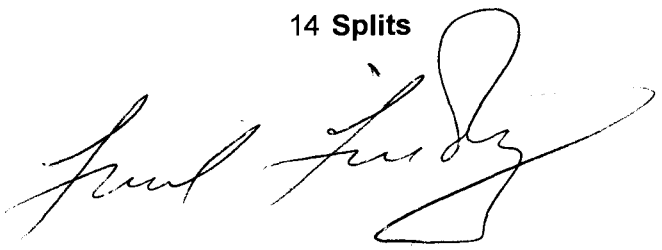
Splits

Sample #	**Au Oz/ton**	**Au g/tonne**
11676	<.001	<.03
11677	<.001	<.03
11678	<.001	<.03
11679	<.001	<.03
11680	<.001	<.03
11681	<.001	<.03
11682	<.001	<.03
11683	<.001	<.03
11684	<.001	<.03
11685	<.001	<.03
11686	<.001	<.03
11687	<.001	<.03
11688	<.001	<.03
11689	<.001	<.03

14 **Splits**

Std OxL 93	0.174	5.966
Blank	<.001	<.03

Certified Assayer:



PolyMet Labs
A Division of Polymet Resources Ltd.

1 Presley St, P.O. Box 699, Cobalt, Ontario, Canada P0J 1C0
Tel: (705) 679-5500 • Fax: (705) 679-5519
Email: info@polymetinc.com Website: www.polymetinc.com

Certificate of Analysis

Queenston Mining Inc.
(Lebel Project)

We certify that the assay results in the following Certificates are factual and true.

Certificate #'s 12731, 12732, 12733, 12734, 12735, 12736, 12739, 12740, 12741, 12742, 12743, 12744, 12745, 12746, 12747, 12748, & 12749

Certified by: _____
Chief Assayer

Certified by: _____
President/Manager

Date: February 9, 2012

Disclaimer: The results included on this report relate only to the items tested. The Certificate of Analysis should not be reproduced except in full, without the written approval of the laboratory.

PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **12731**

Job No. 0-155

Date:
Feb. 8, 2012

Splits

Sample #	**Au Oz/ton**	**Au g/tonne**
12716	0.006	0.206
12717	0.166	5.691
12718	0.004	0.137
12719	<.001	<.03
12720	0.002	0.069
12721	<.001	<.03
12722	<.001	<.03
12723	0.002	0.069
12724	0.002	0.069
12725	0.006	0.206
12726	0.020	0.686
12727	0.012	0.411
12728	0.002	0.069
12729	<.001	<.03
12730	<.001	<.03
12731	0.002	0.069
12732	0.168	5.760
12733	0.008	0.274
12734	<.001	<.03
12735	0.004	0.137
12736	<.001	<.03
12737	<.001	<.03
12738	<.001	<.03

23 **Splits**

Std OxL 93	0.174	5.966
Blank	<.001	<.03

Certified Assayer:

PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **12732**

Job No. 0-155

Date:
Feb. 8, 2012

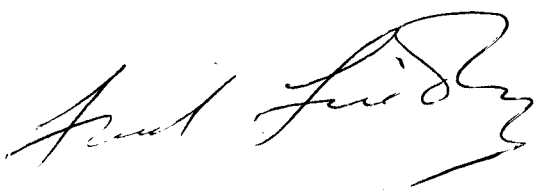
Splits

Sample #	**Au Oz/ton**	**Au g/tonne**
12739	<.001	<.03
12740	<.001	<.03
12741	<.001	<.03
12742	<.001	<.03
12743	<.001	<.03
12744	<.001	<.03
12745	0.002	0.069
12746	<.001	<.03
12747	<.001	<.03
12748	<.001	<.03
12749	<.001	<.03
12750	<.001	<.03
12751	<.001	<.03
12752	<.001	<.03
12753	<.001	<.03
12754	<.001	<.03
12755	<.001	<.03
12756	<.001	<.03
12757	<.001	<.03
12758	<.001	<.03
12759	<.001	<.03
12760	<.001	<.03

22 **Splits**

Std OxL 93	0.174	5.966
Blank	<.001	<.03

Certified Assayer:



PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **12733**

Job No. 0-155

Date:
Feb. 8, 2012

Splits

Sample #	**Au Oz/ton**	**Au g/tonne**
12761	<.001	<.03
12762	0.002	0.069
12763	<.001	<.03
12764	0.002	0.069
12765	0.020	0.686
12766	<.001	<.03
12767	0.012	0.411
12768	<.001	<.03
12769	<.001	<.03
12770	<.001	<.03
12771	<.001	<.03
12772	0.008	0.274
12773	0.006	0.206
12774	0.006	0.206
12775	0.002	0.069
12776	<.001	<.03
12777	<.001	<.03
12778	<.001	<.03
12779	<.001	<.03
12780	<.001	<.03
12781	<.001	<.03
12782	<.001	<.03

22 **Splits**

Std OxL 93	0.170	5.829
Blank	<.001	<.03

Certified Assayer:

PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **12734**

Job No. 0-155

Date:
Feb. 8, 2012

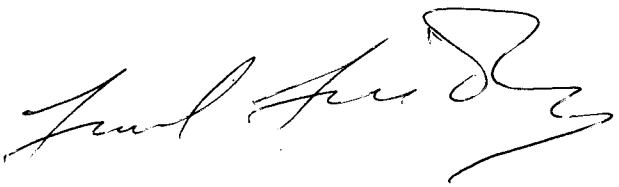
Splits

Sample #	**Au Oz/ton**	**Au g/tonne**
12783	<.001	<.03
12784	<.001	<.03
12785	0.052	1.783
12786	<.001	<.03
12787	<.001	<.03
12788	<.001	<.03
12789	<.001	<.03
12790	<.001	<.03
12791	<.001	<.03
12792	<.001	<.03
12793	<.001	<.03
12794	<.001	<.03
12795	0.002	0.069
12796	0.004	0.137
12797	<.001	<.03
12798	<.001	<.03
12799	<.001	<.03
12800	<.001	<.03
12801	<.001	<.03
12802	<.001	<.03
12803	<.001	<.03
12804	<.001	<.03

22 **Splits**

Std OxL 93	0.170	5.829
Blank	<.001	<.03

Certified Assayer:



PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **12735**

Job No. 0-155

Date:
Feb. 8, 2012

Splits

Sample #	Au Oz/ton	Au g/tonne
12805	0.012	0.411
12806	<.001	<.03
12807	<.001	<.03
12808	0.014	0.480
12809	<.001	<.03
12810	0.166	5.691
12811	0.006	0.206
12812	<.001	<.03
12813	<.001	<.03
12814	<.001	<.03
12815	<.001	<.03
12816	<.001	<.03
12817	<.001	<.03
12818	0.004	0.137
12819	<.001	<.03
12820	<.001	<.03
12821	<.001	<.03
12822	<.001	<.03
12823	<.001	<.03
12824	<.001	<.03
12825	<.001	<.03
12826	0.050	1.714

22 **Splits**

Std OxL 93	0.176	6.034
Blank	<.001	<.03

Certified Assayer:

PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **12736**

Job No. 0-155

Date:
Feb. 8, 2012

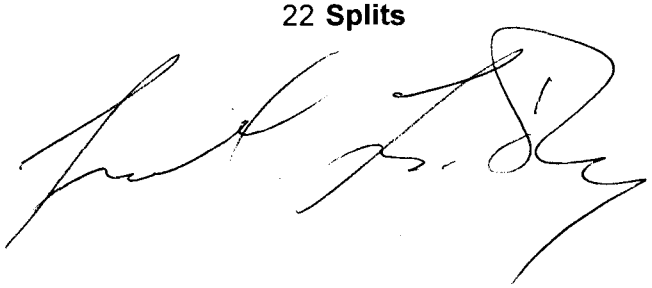
Splits

Sample #	**Au Oz/ton**	**Au g/tonne**
12827	0.010	0.343
12828	0.002	0.069
12829	<.001	<.03
12830	<.001	<.03
12831	<.001	<.03
12832	<.001	<.03
12833	0.002	0.069
12834	<.001	<.03
12835	<.001	<.03
12836	<.001	<.03
12837	<.001	<.03
12838	<.001	<.03
12839	<.001	<.03
12840	<.001	<.03
12841	<.001	<.03
12842	<.001	<.03
12843	<.001	<.03
12844	0.002	0.069
12845	0.168	5.760
12846	<.001	<.03
12847	<.001	<.03
12848	0.002	0.069

22 **Splits**

Std OxL 93	0.176	6.034
Blank	<.001	<.03

Certified Assayer:



PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **12739**

Job No. 0-155

Date:
Feb. 9, 2012

Splits

Sample #	**Au Oz/ton**	**Au g/tonne**
12849	<.001	<.03
12850	<.001	<.03
12851	<.001	<.03
12852	<.001	<.03
12853	<.001	<.03
12854	<.001	<.03
12855	<.001	<.03
12856	0.004	0.137
12857	<.001	<.03
12858	0.006	0.206
12859	0.020	0.686
12860	<.001	<.03
12861	0.004	0.137
12862	0.008	0.274
12863	0.012	0.411
12864	Pend	
12865	<.001	<.03
12866	<.001	<.03
12867	0.054	1.851
12868	<.001	<.03
12869	<.001	<.03
12870	0.008	0.274

21 **Splits**
1 **Pend**

Std OxL 93	0.170	5.829
Blank	<.001	<.03

Certified Assayer:

PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **12740**

Job No. 0-155

Date:
Feb. 9, 2012

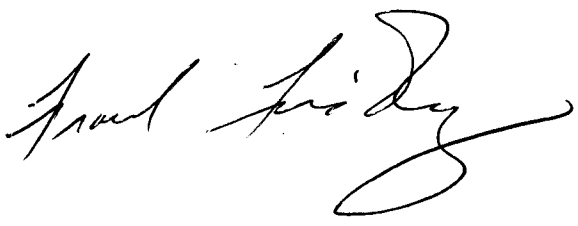
Splits

Sample #	**Au Oz/ton**	**Au g/tonne**
12871	<.001	<.03
12872	<.001	<.03
12873	<.001	<.03
12874	<.001	<.03
12875	<.001	<.03
12876	<.001	<.03
12877	<.001	<.03
12878	0.008	0.274
12879	0.002	0.069
12880	<.001	<.03
12881	0.002	0.069
12882	<.001	<.03
12883	<.001	<.03
12884	0.164	5.623
12885	<.001	<.03
12886	<.001	<.03
12887	<.001	<.03
12888	<.001	<.03
12889	<.001	<.03
12890	0.004	0.137
12891	<.001	<.03
12892	<.001	<.03

22 **Splits**

Std OxL 93	0.170	5.829
Blank	<.001	<.03

Certified Assayer:



PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **12741**

Job No. 0-155

Date:
Feb. 9, 2012

Splits

Sample #	**Au Oz/ton**	**Au g/tonne**
12893	0.004	0.137
12894	<.001	<.03
12895	0.020	0.686
12896	<.001	<.03
12897	<.001	<.03
13801	<.001	<.03
13802	<.001	<.03
13803	<.001	<.03
13804	<.001	<.03
13805	<.001	<.03
13806	<.001	<.03
13807	<.001	<.03
13808	<.001	<.03
13809	<.001	<.03
13810	<.001	<.03
13811	<.001	<.03
13812	<.001	<.03
13813	<.001	<.03
13814	<.001	<.03
13815	<.001	<.03
13816	<.001	<.03
13817	<.001	<.03

22 **Splits**

Std OxL 93	0.170	5.829
Blank	<.001	<.03

Certified Assayer:

PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **12742**

Job No. 0-155

Date:
Feb. 9, 2012

Splits

Sample #	**Au Oz/ton**	**Au g/tonne**
13818	0.002	0.069
13819	<.001	<.03
13820	<.001	<.03
13821	<.001	<.03
13822	<.001	<.03
13823	<.001	<.03
13824	<.001	<.03
13825	<.001	<.03
13826	<.001	<.03
13827	0.002	0.069
13828	0.024	0.823
13829	0.012	0.411
13830	<.001	<.03
13831	0.006	0.206
13832	<.001	<.03
13833	<.001	<.03
13834	<.001	<.03
13835	0.164	5.623
13836	<.001	<.03
13837	<.001	<.03
13838	<.001	<.03
13839	<.001	<.03

22 **Splits**

Std OxL 93	0.170	5.829
Blank	<.001	<.03

Certified Assayer:

PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **12743**

Job No. 0-155

Date:
Feb. 9, 2012

Splits

Sample #	**Au Oz/ton**	**Au g/tonne**
13840	<.001	<.03
13841	Pend	
13842	Pend	
13843	Pend	
13844	Pend	
13845	0.054	1.851
13846	Pend	
13847	<.001	<.03
13848	0.010	0.343
13849	0.004	0.137
13850	<.001	<.03
13851	<.001	<.03
13852	0.002	0.069
13853	<.001	<.03
13854	<.001	<.03
13855	<.001	<.03
13856	Pend	
13857	<.001	<.03
13858	Pend	
13859	0.010	0.343
13860	Pend	
13861	<.001	<.03

14 **Splits**
8 **Pend**

Std OxL 93	0.170	5.829
Blank	<.001	<.03

Certified Assayer:

PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **12744**

Job No. 0-155

Date:
Feb. 9, 2012

Splits

Sample #	**Au Oz/ton**	**Au g/tonne**
13862	<.001	<.03
13863	Pend	
13864	0.006	0.206
13865	<.001	<.03
13866	<.001	<.03
13867	0.004	0.137
13868	Pend	
13869	0.014	0.480
13870	0.162	5.554
13871	0.018	0.617
13872	<.001	<.03
13873	<.001	<.03
13874	<.001	<.03
13875	<.001	<.03
13876	<.001	<.03
13877	<.001	<.03
13878	<.001	<.03
13879	<.001	<.03
13880	<.001	<.03
13881	<.001	<.03
13882	<.001	<.03
13883	<.001	<.03

20 **Splits**
2 **Pend**

Std OxL 93	0.170	5.829
Blank	<.001	<.03

Certified Assayer:

PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **12745**

Job No. 0-155

Date:
Feb. 9, 2012

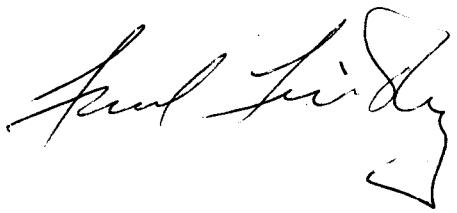
Splits

Sample #	**Au Oz/ton**	**Au g/tonne**
13884	<.001	<.03
13885	<.001	<.03
13886	<.001	<.03
13887	<.001	<.03
13888	<.001	<.03
13889	<.001	<.03
13890	0.002	0.069
13891	0.004	0.137
13892	<.001	<.03
13893	0.016	0.549
13894	<.001	<.03
13895	0.054	1.851
13896	<.001	<.03
13897	<.001	<.03
13898	<.001	<.03
13899	<.001	<.03
13900	0.004	0.137
13901	<.001	<.03
13902	<.001	<.03
13243	<.001	<.03
13244	<.001	<.03
13245	0.170	5.829

22 **Splits**

Std OxL 93	0.172	5.897
Blank	<.001	<.03

Certified Assayer:



PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **12746**

Job No. 0-155

Date:
Feb. 9, 2012

Splits

Sample #	**Au Oz/ton**	**Au g/tonne**
13246	0.004	0.137
13247	<.001	<.03
13248	<.001	<.03
13249	<.001	<.03
13250	<.001	<.03
13251	<.001	<.03
13252	<.001	<.03
13253	<.001	<.03
13254	<.001	<.03
13255	<.001	<.03
13256	0.014	0.480
13257	0.012	0.411
13258	0.002	0.069
13259	0.012	0.411
13260	<.001	<.03
13261	<.001	<.03
13262	<.001	<.03
13263	<.001	<.03
13264	0.010	0.343
13265	<.001	<.03
13266	Pend	
13267	0.002	0.069

21 **Splits**
1 **Pend**

Std OxL 93	0.172	5.897
Blank	<.001	<.03

Certified Assayer:



PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **12747**

Job No. 0-155

Date:
Feb. 9, 2012

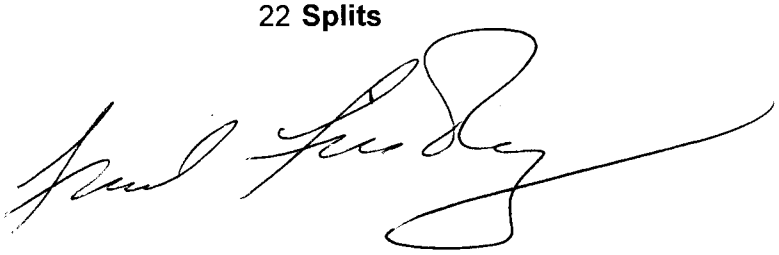
Splits

Sample #	**Au Oz/ton**	**Au g/tonne**
13268	<.001	<.03
13269	<.001	<.03
13270	0.054	1.851
13271	<.001	<.03
13272	<.001	<.03
13273	<.001	<.03
13274	<.001	<.03
13275	<.001	<.03
13276	0.004	0.137
13277	<.001	<.03
13278	<.001	<.03
13279	<.001	<.03
13280	0.010	0.343
13281	<.001	<.03
13282	<.001	<.03
13283	<.001	<.03
13284	<.001	<.03
13285	<.001	<.03
13286	<.001	<.03
13287	0.004	0.137
13288	<.001	<.03
13289	<.001	<.03

22 **Splits**

Std OxL 93	0.176	6.034
Blank	<.001	<.03

Certified Assayer:



PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **12748**

Job No. 0-155

Date:
Feb. 9, 2012

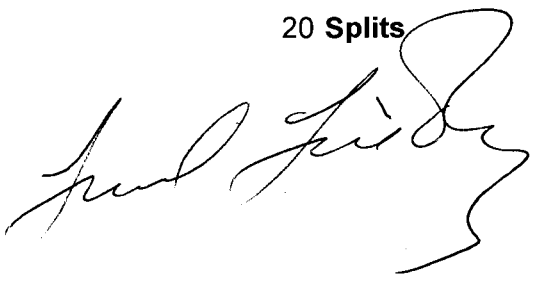
Splits

Sample #	**Au Oz/ton**	**Au g/tonne**
13290	0.008	0.274
13291	<.001	<.03
13292	<.001	<.03
13293	<.001	<.03
13294	<.001	<.03
13295	0.166	5.691
13296	<.001	<.03
13297	<.001	<.03
13298	<.001	<.03
13299	<.001	<.03
13300	<.001	<.03
13501	<.001	<.03
13502	<.001	<.03
13503	0.002	0.069
13504	<.001	<.03
13505	0.010	0.343
13506	0.006	0.206
13507	0.010	0.343
13508	0.028	0.960
13509	<.001	<.03

20 **Splits**

Std OxL 93	0.176	6.034
Blank	<.001	<.03

Certified Assayer:



PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **12749** Job No. 0-155

Date: Feb. 9, 2012

	Original		Check	
Sample #	**Au Oz/ton**	**Au g/tonne**	**Au Oz/ton**	**Au g/tonne**
12864	0.052	1.783	0.046	1.577
13841	0.112	3.840	0.078	2.674
13842	0.088	3.017	0.096	3.291
13843	0.036	1.234	0.028	0.960
13844	0.174	5.966	0.218	7.474
13846	0.078	2.674	0.072	2.469
13856	0.040	1.371	0.050	1.714
13858	0.056	1.920	0.060	2.057
13860	0.032	1.097	0.030	1.029
13863	0.044	1.509	0.036	1.234
13868	12.462	427.272	13.632	467.387
13266	0.058	1.989	0.058	1.989

12 + 24

Certified Assayer:

PolyMet Labs
A Division of Polymet Resources Ltd.

1 Presley St, P.O. Box 699, Cobalt, Ontario, Canada P0J 1C0
Tel: (705) 679-5500 • Fax: (705) 679-5519
Email: info@polymetinc.com Website: www.polymetinc.com

Certificate of Analysis

Queenston Mining Inc.
(Lebel Project)

We certify that the assay results in the following Certificates are factual and true.

Certificate #'s 12813, 12814, 12815, 12816, 12817, 12818, 12819, 12820, 12821, 12822, 12823, 12824, 12825, 12826, 12827, 12828, & 12829

Certified by: _____
Chief Assayer

Certified by: _____
President/Manager

Date: February 16, 2012

Disclaimer: The results included on this report relate only to the items tested. The Certificate of Analysis should not be reproduced except in full, without the written approval of the laboratory.

PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **12813**

Job No. 0-155

Date:
Feb. 16, 2012

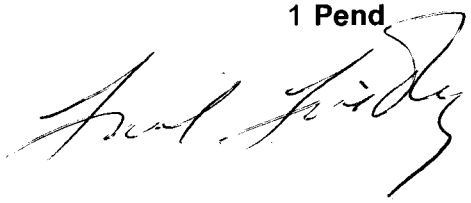
Splits

Sample #	**Au Oz/ton**	**Au g/tonne**
12898	0.002	0.069
12899	Pend	
12900	0.026	0.891
12901	0.004	0.137
12902	<.001	<.03
12903	0.004	0.137
12904	0.054	1.851
12905	0.016	0.549
12906	0.008	0.274
12907	0.002	0.069
12908	<.001	<.03
12909	<.001	<.03
12910	0.002	0.069
12911	0.024	0.823
12912	<.001	<.03
12913	<.001	<.03

15 **Splits**
1 **Pend**

Std OxL 93	0.172	5.897
Blank	<.001	<.03

Certified Assayer:



PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **12814**

Job No. 0-155

Date:
Feb. 16, 2012

Splits

Sample #	**Au Oz/ton**	**Au g/tonne**
12914	<.001	<.03
12915	<.001	<.03
12916	<.001	<.03
12917	<.001	<.03
12918	<.001	<.03
12919	<.001	<.03
12920	<.001	<.03
12921	0.002	0.069
12922	<.001	<.03
12923	0.026	0.891
12924	<.001	<.03
12925	<.001	<.03
12926	Pend	
12927	0.014	0.480
12928	Pend	
12929	0.002	0.069
12930	<.001	<.03
12931	0.168	5.760
12932	<.001	<.03
12933	0.012	0.411
12934	0.012	0.411
12935	<.001	<.03

20 **Splits**
2 **Pend**

Std OxL 93	0.172	5.897
Blank	<.001	<.03

Certified Assayer:

PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **12815**

Job No. 0-155

Date:
Feb. 16, 2012

Splits

Sample #	**Au Oz/ton**	**Au g/tonne**
12936	<.001	<.03
12937	0.028	0.960
12938	0.012	0.411
12939	0.008	0.274
12940	Pend	
12941	0.012	0.411
12942	0.014	0.480
12943	0.006	0.206
12944	<.001	<.03
12945	0.022	0.754
12946	0.024	0.823
12947	Pend	
12948	0.052	1.783
12949	0.014	0.480
12355	0.028	0.960
13510	0.026	0.891
13511	0.022	0.754
13512	0.010	0.343
13513	0.026	0.891
13514	<.001	<.03
13515	<.001	<.03
13516	0.002	0.069

20 **Splits**
2 **Pend**

Std OxL 93	0.176	6.034
Blank	<.001	<.03

Certified Assayer:

PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **12816**

Job No. 0-155

Date:
Feb. 16, 2012

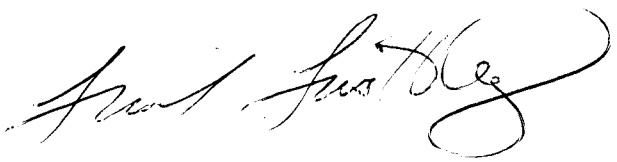
Splits

Sample #	**Au Oz/ton**	**Au g/tonne**
13517	<.001	<.03
13518	<.001	<.03
13519	<.001	<.03
13520	0.054	1.851
13521	0.010	0.343
13522	0.010	0.343
13523	<.001	<.03
13524	<.001	<.03
13525	<.001	<.03
13526	<.001	<.03
13527	<.001	<.03
13528	<.001	<.03
13529	<.001	<.03
13530	<.001	<.03
13531	<.001	<.03
13532	<.001	<.03
13533	<.001	<.03
13534	<.001	<.03
13535	<.001	<.03
13536	0.020	0.686
13537	0.002	0.069
13538	0.014	0.480

22 **Splits**

Std OxL 93	0.176	6.034
Blank	<.001	<.03

Certified Assayer:



PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **12817**

Job No. 0-155

Date:
Feb. 16, 2012

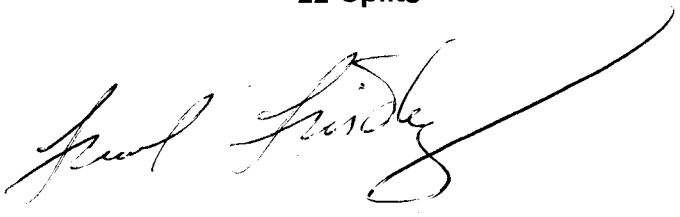
Splits

Sample #	**Au Oz/ton**	**Au g/tonne**
13539	0.018	0.617
13540	<.001	<.03
13541	<.001	<.03
13542	<.001	<.03
13543	<.001	<.03
13544	<.001	<.03
13545	0.168	5.760
13546	0.004	0.137
13547	<.001	<.03
13548	<.001	<.03
13549	<.001	<.03
13550	0.010	0.343
13551	<.001	<.03
13552	<.001	<.03
13553	<.001	<.03
13554	<.001	<.03
13555	<.001	<.03
13556	<.001	<.03
13557	<.001	<.03
13558	<.001	<.03
13559	<.001	<.03
13560	<.001	<.03

22 **Splits**

Std OxL 93	0.176	6.034
Blank	<.001	<.03

Certified Assayer:



PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **12818**

Job No. 0-155

Date:
Feb. 16, 2012

Splits

Sample #	**Au Oz/ton**	**Au g/tonne**
13561	<.001	<.03
13562	<.001	<.03
13563	<.001	<.03
13564	<.001	<.03
13565	<.001	<.03
13566	<.001	<.03
13567	<.001	<.03
13568	<.001	<.03
13569	<.001	<.03
13570	0.050	1.714
13571	0.020	0.686
13572	<.001	<.03
13573	<.001	<.03
13574	<.001	<.03
13575	<.001	<.03
13576	<.001	<.03
13577	<.001	<.03
13578	<.001	<.03
13579	<.001	<.03
13580	<.001	<.03
13581	<.001	<.03
13582	<.001	<.03

22 **Splits**

Std OxL 93	0.176	6.034
Blank	<.001	<.03

Certified Assayer:



PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **12819**

Job No. 0-155

Date:
Feb. 16, 2012

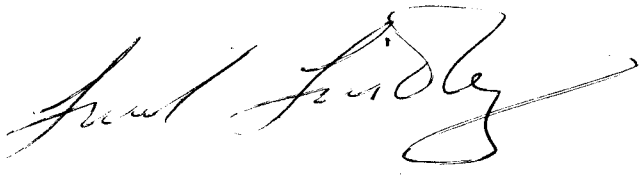
Splits

Sample #	**Au Oz/ton**	**Au g/tonne**
13583	<.001	<.03
13584	<.001	<.03
13585	<.001	<.03
13586	<.001	<.03
13587	<.001	<.03
13588	<.001	<.03
13589	<.001	<.03
13590	0.006	0.206
13591	<.001	<.03
13592	<.001	<.03
13593	<.001	<.03
13594	<.001	<.03
13595	0.162	5.554
13596	<.001	<.03
12950	Pend	
12951	<.001	<.03
12952	<.001	<.03
12953	<.001	<.03
12954	<.001	<.03
12955	0.006	0.206
12956	<.001	<.03

20 **Splits**
1 **Pend**

Std OxL 93	0.170	5.829
Blank	<.001	<.03

Certified Assayer:



PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **12820**

Job No. 0-155

Date:
Feb. 16, 2012

Splits

Sample #	**Au Oz/ton**	**Au g/tonne**
12957	<.001	<.03
12958	<.001	<.03
12959	<.001	<.03
12960	Pend	
12961	<.001	<.03
12962	<.001	<.03
12963	<.001	<.03
12964	<.001	<.03
12965	<.001	<.03
12966	<.001	<.03
12967	<.001	<.03
12968	<.001	<.03
12969	<.001	<.03
12970	<.001	<.03
12971	0.164	5.623
12972	<.001	<.03
12973	<.001	<.03
12974	<.001	<.03
12975	<.001	<.03
12976	<.001	<.03
12977	<.001	<.03
12978	Pend	

20 **Splits**
2 **Pend**

Std OxL 93	0.170	5.829
Blank	<.001	<.03

Certified Assayer:

PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **12822**

Job No. 0-155

Date:
Feb. 16, 2012

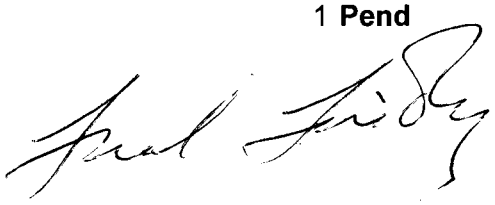
Splits

Sample #	**Au Oz/ton**	**Au g/tonne**
14651	0.006	0.206
14652	Pend	
14653	<.001	<.03
14654	<.001	<.03
14655	0.002	0.069
14656	<.001	<.03
13597	<.001	<.03
13598	<.001	<.03
13599	<.001	<.03
13600	<.001	<.03
13601	<.001	<.03
13602	<.001	<.03
13603	<.001	<.03
13604	<.001	<.03
13605	<.001	<.03
13606	<.001	<.03
13607	<.001	<.03
13608	<.001	<.03
13609	0.012	0.411
13610	0.008	0.274
13611	<.001	<.03
13612	<.001	<.03

21 **Splits**
1 **Pend**

Std OxL 93	0.174	5.966
Blank	<.001	<.03

Certified Assayer:



PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **12823**

Job No. 0-155

Date:
Feb. 16, 2012

Splits

Sample #	**Au Oz/ton**	**Au g/tonne**
13613	0.004	0.137
13614	<.001	<.03
13615	0.006	0.206
13616	<.001	<.03
13617	0.022	0.754
13618	Pend	
13619	0.010	0.343
13620	0.054	1.851
13621	0.028	0.960
13622	0.016	0.549
13623	<.001	<.03
13624	0.008	0.274
13625	0.004	0.137
13626	0.002	0.069
13627	<.001	<.03
13628	Pend	
13629	<.001	<.03
13630	0.014	0.480
13631	<.001	<.03
13632	<.001	<.03
13633	<.001	<.03
13634	<.001	<.03

20 **Splits**
2 **Pend**

Std OxL 93	0.176	6.034
Blank	<.001	<.03

Certified Assayer:



PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **12824**

Job No. 0-155

Date:
Feb. 16, 2012

Splits

Sample #	**Au Oz/ton**	**Au g/tonne**
13635	<.001	<.03
13711	<.001	<.03
13712	<.001	<.03
13713	<.001	<.03
13714	<.001	<.03
13715	<.001	<.03
13716	<.001	<.03
13717	<.001	<.03
13718	<.001	<.03
14109	<.001	<.03
14110	<.001	<.03
14111	<.001	<.03
14112	<.001	<.03
14113	<.001	<.03
14114	<.001	<.03
14115	<.001	<.03
14116	0.012	0.411
14117	0.020	0.686
14118	<.001	<.03
14119	<.001	<.03
14120	0.172	5.897
14121	0.002	0.069

22 **Splits**

Std OxL 93	0.172	5.897
Blank	<.001	<.03

Certified Assayer:

PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **12825**

Job No. 0-155

Date:
Feb. 16, 2012

Splits

Sample #	**Au Oz/ton**	**Au g/tonne**
14122	<.001	<.03
14123	0.028	0.960
14124	0.002	0.069
14125	<.001	<.03
14126	<.001	<.03
14128	<.001	<.03
14129	<.001	<.03
14130	<.001	<.03
14131	<.001	<.03
14132	<.001	<.03
14133	0.004	0.137
14134	<.001	<.03
14135	<.001	<.03
14136	<.001	<.03
14137	<.001	<.03
14138	<.001	<.03
14139	<.001	<.03
14140	<.001	<.03
14141	Pend	
14142	<.001	<.03
14143	<.001	<.03
14144	0.020	0.686

21 **Splits**
1 **Pend**

Std OxL 93	0.174	5.966
Blank	<.001	<.03

Certified Assayer:

PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **12826**

Job No. 0-155

Date:
Feb. 16, 2012

Splits

Sample #	**Au Oz/ton**	**Au g/tonne**
14145	0.052	1.783
14146	0.028	0.960
14147	<.001	<.03
14148	0.008	0.274
14149	Pend	
14150	Pend	
14151	0.022	0.754
14152	0.008	0.274
14153	0.018	0.617
14154	Pend	
14155	<.001	<.03
14156	Pend	
14157	<.001	<.03
14158	<.001	<.03
14159	<.001	<.03
14160	<.001	<.03
14161	0.012	0.411
14162	0.012	0.411
14163	0.010	0.343
14164	0.008	0.274
14165	Pend	
14166	0.010	0.343

17 **Splits**
5 **Pend**

Std OxL 93	0.174	5.966
Blank	<.001	<.03

Certified Assayer:

PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **12827**

Job No. 0-155

Date:
Feb. 16, 2012

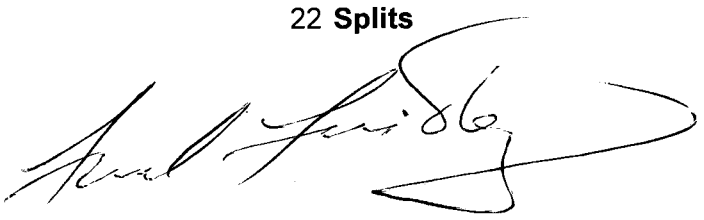
Splits

Sample #	**Au Oz/ton**	**Au g/tonne**
14167	0.020	0.686
14168	0.006	0.206
14169	0.008	0.274
14170	0.168	5.760
14171	0.014	0.480
14172	0.016	0.549
14173	0.006	0.206
14174	<.001	<.03
14175	<.001	<.03
14176	0.004	0.137
14177	<.001	<.03
14178	0.006	0.206
14179	0.024	0.823
14180	<.001	<.03
14181	<.001	<.03
14182	0.006	0.206
14183	<.001	<.03
14184	<.001	<.03
14185	<.001	<.03
14186	<.001	<.03
14187	0.002	0.069
14188	0.002	0.069

22 **Splits**

Std OxL 93	0.174	5.966
Blank	<.001	<.03

Certified Assayer:



PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **12828**

Job No. 0-155

Date:
Feb. 16, 2012

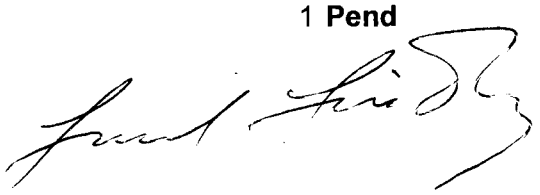
Splits

Sample #	**Au Oz/ton**	**Au g/tonne**
14189	0.002	0.069
14190	<.001	<.03
14191	0.014	0.480
14192	0.016	0.549
14193	<.001	<.03
14194	0.002	0.069
14195	0.052	1.783
14196	0.014	0.480
14197	0.012	0.411
14198	<.001	<.03
14199	0.010	0.343
14200	0.002	0.069
14201	<.001	<.03
14202	0.010	0.343
14203	<.001	<.03
14204	0.008	0.274
14205	0.012	0.411
14206	0.002	0.069
14207	Pend	
14208	0.002	0.069
14209	<.001	<.03
14210	<.001	<.03
14211	<.001	<.03

22 **Splits**
1 **Pend**

Std OxL 93	0.174	5.966
Blank	<.001	<.03

Certified Assayer:



PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **12829**

Job No. 0-155

Date:
Feb. 16, 2012

	Original		Check	
Sample #	**Au Oz/ton**	**Au g/tonne**	**Au Oz/ton**	**Au g/tonne**
12899	1.112	38.126	1.036	35.520
12926	0.062	2.126	0.048	1.646
12928	0.038	1.303	0.060	2.057
12940	0.040	1.371	0.028	0.960
12947	0.200	6.857	0.202	6.926
12950	0.066	2.263	0.044	1.509
12960	0.036	1.234	0.024	0.823
12978	0.174	5.966	0.134	4.594
14652	0.164	5.623	0.282	9.669
13618	0.036	1.234	0.036	1.234
13628	0.238	8.160	0.338	11.589
14141	0.048	1.646	0.062	2.126
14149	0.038	1.303	0.032	1.097
14150	0.036	1.234	0.038	1.303
14154	0.032	1.097	0.030	1.029
14156	0.046	1.577	0.034	1.166
14165	0.058	1.989	0.048	1.646
14207	0.086	2.949	0.112	3.840

18 + 36

Certified Assayer:

PolyMet Labs
A Division of Polymet Resources Ltd.

1 Presley St, P.O. Box 699, Cobalt, Ontario, Canada P0J 1C0
Tel: (705) 679-5500 • Fax: (705) 679-5519
Email: info@polymetinc.com Website: www.polymetinc.com

Certificate of Analysis

Queenston Mining Inc.
(Vault Division)

We certify that the assay results in the following Certificates are factual and true.

Certificate #'s 9781, 9782, 9783, 9784, 9785, 9686, 9787, & 9788

Certified by: _____
Chief Assayer

Certified by: _____
President/Manager

Date: March 28, 2011

Disclaimer: The results included on this report relate only to the items tested. The Certificate of Analysis should not be reproduced except in full, without the written approval of the laboratory.

PolyMet Laboratories

Client: Queenston (Vault Div.)

CERTIFICATE **9784**

Job No. 0-155

Date:
Mar. 28, 2011

Splits

Sample #	**Au Oz/ton**	**g/tonne**
0066	0.026	0.891
0067	<.001	<.03
0068	0.014	0.480
0069	0.018	0.617
0070	0.164	5.623
0071	0.028	0.960
0072	0.006	0.206
0073	Pend	
0074	<.001	<.03
0075	0.012	0.411
0076	0.012	0.411
0077	0.008	0.274
0078	0.008	0.274
0079	0.006	0.206
0080	0.006	0.206
0081	0.004	0.137
0082	0.002	0.069
0083	0.016	0.549
0084	<.001	<.03
0085	<.001	<.03
0086	<.001	<.03
0087	0.024	0.823

21 **Splits**

Std OxL78	0.178	6.103	1	**Pend**
Blank	<.001	<.03		

Certified Assayer:



PolyMet Laboratories

Client: Queenston (Vault Div.)

CERTIFICATE **9785**

Job No. 0-155

Date:
Mar. 28, 2011

Splits

Sample #	**Au Oz/ton**	**g/tonne**
0088	0.008	0.274
0089	0.002	0.069
0090	<.001	<.03
0091	<.001	<.03
0092	<.001	<.03
0093	<.001	<.03
0094	<.001	<.03
0095	0.002	0.069
0096	0.012	0.411
0097	Pend	
0098	0.049	1.680
0099	0.016	0.549
0100	0.014	0.480
54751	<.001	<.03
54752	<.001	<.03
54753	<.001	<.03
54754	<.001	<.03
54755	<.001	<.03
54756	<.001	<.03
54757	0.002	0.069
54758	<.001	<.03
54759	0.018	0.617

			21	**Splits**
Std OxL78	0.178	6.103	1	**Pend**
Blank	<.001	<.03		

Certified Assayer:

PolyMet Laboratories

Client: Queenston (Vault Div.)

CERTIFICATE **9788**

Job No. 0-155

Date:
Mar. 28, 2011

	Original		Check	
Sample #	**Au Oz/ton**	**g/tonne**	**Au Oz/ton**	**g/tonne**
0016	0.050	1.714	0.044	1.509
0019	0.054	1.851	0.086	2.949
0025	0.034	1.166	0.036	1.234
0027	0.046	1.577	0.040	1.371
0028	0.044	1.509	0.042	1.440
0030	0.064	2.194	0.098	3.360
0031	0.108	3.703	0.104	3.566
0032	0.182	6.240	0.182	6.240
0034	0.068	2.331	0.062	2.126
0035	0.036	1.234	0.032	1.097
0037	0.042	1.440	0.040	1.371
0039	0.108	3.703	0.100	3.429
0052	0.032	1.097	0.038	1.303
0054	0.040	1.371	0.040	1.371
0058	0.036	1.234	0.036	1.234
0063	0.050	1.714	0.042	1.440
0073	0.044	1.509	0.044	1.509
0097	0.046	1.577	0.046	1.577
53839	0.036	1.234	0.042	1.440

19 + 38

Certified Assayer:

PolyMet Labs
A Division of Polymet Resources Ltd.

1 Presley St, P.O. Box 699, Cobalt, Ontario, Canada P0J 1C0
Tel: (705) 679-5500 • Fax: (705) 679-5519
Email: info@polymetinc.com Website: www.polymetinc.com

Certificate of Analysis

Queenston Mining Inc.
(Vault Division)

We certify that the assay results in the following Certificates are factual and true.

Certificate #'s 9825, 9826, 9827, & 9828

Certified by: _____
Chief Assayer

Certified by: _____
President/Manager

Date: April 4, 2011

Disclaimer: The results included on this report relate only to the items tested. The Certificate of Analysis should not be reproduced except in full, without the written approval of the laboratory.

PolyMet Laboratories

Client: Queenston (Vault Div.)

CERTIFICATE **9825**

Job No. 0-155

Date:
Apr. 4, 2011

Splits

Sample #	**Au Oz/ton**	**g/tonne**
1890	<.001	<.03
54762	<.001	<.03
54763	<.001	<.03
54764	<.001	<.03
54765	Pend	
54766	<.001	<.03
54767	0.002	0.069
54768	<.001	<.03
54769	0.008	0.274
54770	<.001	<.03
54771	0.163	5.589
54772	0.002	0.069
54773	<.001	<.03
54774	0.004	0.137
54775	<.001	<.03
54776	<.001	<.03
54777	Pend	
54778	0.028	0.960
54779	Pend	
54780	0.016	0.549
54781	Pend	

17 **Splits**
4 **Pend**

Std OxL78	0.176	6.034
Blank	<.001	<.03

Certified Assayer:



PolyMet Laboratories

Client: Queenston (Vault Div.)

CERTIFICATE **9826**

Job No. 0-155

Date:
Apr. 4, 2011

Splits

Sample #	**Au Oz/ton**	**g/tonne**
54782	Pend	
54783	Pend	
54784	Pend	
54785	<.001	<.03
54786	Pend	
54787	0.028	0.960
54788	Pend	
54789	Pend	
54790	Pend	
54791	0.016	0.549
54792	0.018	0.617
54793	0.010	0.343
54794	<.001	<.03
54795	<.001	<.03
54796	<.001	<.03
54797	<.001	<.03
54798	Pend	
54799	0.049	1.680
54800	0.016	0.549
54801	<.001	<.03
54802	<.001	<.03
54803	<.001	<.03

14 **Splits**
8 **Pend**

Std OxL78	0.178	6.103
Blank	<.001	<.03

Certified Assayer:

PolyMet Laboratories

Client: Queenston (Vault Div.)

CERTIFICATE **9827**

Job No. 0-155

Date:
Apr. 4, 2011

Splits

Sample #	**Au Oz/ton**	**g/tonne**
54804	<.001	<.03
54805	<.001	<.03
54806	0.006	0.206
54807	<.001	<.03
54808	0.018	0.617
54809	0.024	0.823
54810	0.028	0.960
54811	Pend	
54812	<.001	<.03
54813	<.001	<.03
54814	0.006	0.206
54815	<.001	<.03
54816	<.001	<.03
54817	<.001	<.03
54823	<.001	<.03
54824	<.001	<.03
54825	0.002	0.069
54826	0.002	0.069
54827	<.001	<.03
54818	<.001	<.03
54819	0.012	0.411
54820	0.016	0.549

21 **Splits**
1 **Pend**

Std OxL78	0.178	6.103
Blank	<.001	<.03

Certified Assayer:

PolyMet Laboratories

Client: Queenston (Vault Div.)

CERTIFICATE **9828** Job No. 0-155

Date: Apr. 4, 2011

	Original		Check	
Sample #	**Au Oz/ton**	**g/tonne**	**Au Oz/ton**	**g/tonne**
54765	0.950	32.572	1.362	46.698
54777	0.030	1.029	0.036	1.234
54779	0.032	1.097	0.040	1.371
54781	0.032	1.097	0.028	0.960
54782	0.060	2.057	0.056	1.920
54783	0.086	2.949	0.072	2.469
54784	0.076	2.606	0.072	2.469
54786	0.104	3.566	0.098	3.360
54788	0.064	2.194	0.056	1.920
54789	0.066	2.263	0.072	2.469
54790	0.046	1.577	0.044	1.509
54798	0.060	2.057	0.064	2.194
54811	0.572	19.612	0.556	19.063

13 + 26

Certified Assayer:

PolyMet Labs
A Division of Polymet Resources Ltd.

1 Presley St, P.O. Box 699, Cobalt, Ontario, Canada P0J 1C0
Tel: (705) 679-5500 • Fax: (705) 679-5519
Email: info@polymetinc.com Website: www.polymetinc.com

Certificate of Analysis

Queenston Mining Inc.
(Vault Division)

We certify that the assay results in the following Certificates are factual and true.

Certificate #'s 9996, 9997, 9998, 9999, 10000, 10001, 10002, 10003, 10004, 10005, 10006, 10007, 10008, 10009, & 10010

Certified by: _____
Chief Assayer

Certified by: _____
President/Manager

Date: May 2, 2011

Disclaimer: The results included on this report relate only to the items tested. The Certificate of Analysis should not be reproduced except in full, without the written approval of the laboratory.

PolyMet Laboratories

Client: Queenston (Vault Div.)

CERTIFICATE **10002**

Job No. 0-155

Date:
Apr. 29, 2011

Splits

Sample #	**Au Oz/ton**	**g/tonne**
2251	<.001	<.03
2252	<.001	<.03
2253	<.001	<.03
2254	<.001	<.03
2255	<.001	<.03
2256	<.001	<.03
2257	<.001	<.03
30145	0.046	1.577
30146	<.001	<.03
30147	<.001	<.03
30148	<.001	<.03
30149	0.006	0.206
30150	<.001	<.03
30151	0.008	0.274
30152	<.001	<.03
30153	0.010	0.343
30154	0.016	0.549
30155	0.018	0.617
30156	<.001	<.03
30157	<.001	<.03
30158	<.001	<.03
30159	<.001	<.03

22 **Splits**

Std OxL78	0.166	5.691
Blank	<.001	<.03

Certified Assayer: Carla Johnson

PolyMet Laboratories

Client: Queenston (Vault Div.)

CERTIFICATE **10003**

Job No. 0-155

Date:
Apr. 29, 2011

Splits

Sample #	**Au Oz/ton**	**g/tonne**
30160	<.001	<.03
30161	<.001	<.03
30162	<.001	<.03
30163	<.001	<.03
30164	<.001	<.03
30165	<.001	<.03
30166	0.026	0.891
30167	<.001	<.03
30168	<.001	<.03
30169	0.016	0.549
30170	0.010	0.343
30171	<.001	<.03
30172	0.006	0.206
30173	<.001	<.03
30174	0.166	5.691
30175	<.001	<.03
30176	<.001	<.03
30177	<.001	<.03
30178	0.012	0.411
30179	<.001	<.03
30180	<.001	<.03

21 **Splits**

Std OxL78	0.166	5.691
Blank	<.001	<.03

Certified Assayer: Carla Johnson

PolyMet Laboratories

Client: Queenston (Vault Div.)

CERTIFICATE **10004**

Job No. 0-155

Date:
Apr. 29, 2011

Splits

Sample #	**Au Oz/ton**	**g/tonne**
30181	<.001	<.03
30182	0.016	0.549
30183	<.001	<.03
30184	<.001	<.03
30185	<.001	<.03
30186	<.001	<.03
30187	<.001	<.03
30188	<.001	<.03
30189	<.001	<.03
30190	<.001	<.03
30191	0.016	0.549
30192	<.001	<.03
30193	<.001	<.03
30194	<.001	<.03
30195	0.010	0.343
30196	<.001	<.03
30197	0.052	1.783
30198	<.001	<.03
30199	0.008	0.274
30200	<.001	<.03
30201	<.001	<.03
30202	<.001	<.03

22 **Splits**

Std OxL78	0.178	6.103
Blank	<.001	<.03

Certified Assayer: Carla Johnson

PolyMet Laboratories

Client: Queenston (Vault Div.)

CERTIFICATE **10005**

Job No. 0-155

Date:
Apr. 29, 2011

Splits

Sample #	**Au Oz/ton**	**g/tonne**
30203	<.001	<.03
30204	0.002	0.069
30205	0.004	0.137
30206	0.010	0.343
30207	<.001	<.03
30208	<.001	<.03
30209	<.001	<.03
30210	<.001	<.03
30211	<.001	<.03
30212	Pend	
30213	<.001	<.03
30214	0.018	0.617
30215	<.001	<.03
30216	<.001	<.03
30217	<.001	<.03
30218	<.001	<.03
30219	<.001	<.03
30220	0.004	0.137
30221	0.161	5.520
30222	<.001	<.03
30223	<.001	<.03
	<.001	<.03

20
21 **Splits**
1 **Pend**

Std OxL78	0.178	6.103
Blank	<.001	<.03

Certified Assayer: Barb Johnson

PolyMet Laboratories

Client: Queenston (Vault Div.)

CERTIFICATE **10006**

Job No. 0-155

Date:
Apr. 29, 2011

Splits

Sample #	**Au Oz/ton**	**g/tonne**
30224	0.008	0.274
30225	<.001	<.03
30226	0.012	0.411
30227	<.001	<.03
30228	<.001	<.03
30229	<.001	<.03
30230	<.001	<.03
30231	<.001	<.03
30232	<.001	<.03
30233	<.001	<.03
30234	<.001	<.03
30235	<.001	<.03
30236	<.001	<.03
30237	<.001	<.03
30238	<.001	<.03
30239	<.001	<.03
30240	<.001	<.03
30241	0.004	0.137
30242	0.014	0.480
30243	<.001	<.03
30244	0.008	0.274
30245	<.001	<.03

22 **Splits**

Std OxL78	0.182	6.240
Blank	<.001	<.03

Certified Assayer:

PolyMet Laboratories

Client: Queenston (Vault Div.)

CERTIFICATE **10007**

Job No. 0-155

Date:
Apr. 29, 2011

Splits

Sample #	**Au Oz/ton**	**g/tonne**
30246	<.001	<.03
30247	<.001	<.03
30248	<.001	<.03
30249	0.010	0.343
30250	<.001	<.03
30251	<.001	<.03
30252	<.001	<.03
30253	<.001	<.03
30254	<.001	<.03
30255	<.001	<.03
30256	<.001	<.03
30257	0.004	0.137
30258	<.001	<.03
30259	<.001	<.03
30260	<.001	<.03
30261	<.001	<.03
30262	<.001	<.03
30263	<.001	<.03
30264	<.001	<.03
30265	<.001	<.03
30266	<.001	<.03
30267	<.001	<.03

22 **Splits**
Pend

Std OxL78	0.182	6.240
Blank	<.001	<.03

Certified Assayer: Carla Johnson

PolyMet Laboratories

		Client:	Queenston (Vault Div.)
CERTIFICATE	**10010**	Job No.	0-155

Date:
May 2, 2011

	Original		**Check**	
Sample #	**Au Oz/ton**	**g/tonne**	**Au Oz/ton**	**g/tonne**
2215	0.054	1.851	0.056	1.920
30212	0.054	1.851	0.050	1.714

2 + 4

Certified Assayer: Linda Johnson

PolyMet Labs
A Division of Polymet Resources Ltd.

1 Presley St, P.O. Box 699, Cobalt, Ontario, Canada P0J 1C0
Tel: (705) 679-5500 • Fax: (705) 679-5519
Email: info@polymetinc.com Website: www.polymetinc.com

Certificate of Analysis

Queenston Mining Inc.
(Lebel Project)

We certify that the assay results in the following Certificates are factual and true.

Certificate #'s 10186, 10206, 10207, 10208, & 10209

Certified by: _____
Chief Assayer

Certified by: _____
President/Manager

Date: May 25, 2011

Disclaimer: The results included on this report relate only to the items tested. The Certificate of Analysis should not be reproduced except in full, without the written approval of the laboratory.

PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **10186** Job No. 0-155

Date: May 24, 2011

Sample #	Original Au Oz/ton	Original g/tonne	Check Au Oz/ton	Check g/tonne
1434	0.030	1.029	0.034	1.166

1 + 2

Certified Assayer: Paula Johnson

PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **10206**

Job No. 0-155

Date:
May 25, 2011

Splits

Sample #	**Au Oz/ton**	**g/tonne**
1510	0.004	0.137
1511	<.001	<.03
1512	<.001	<.03
1513	<.001	<.03
1514	<.001	<.03
1515	<.001	<.03
1516	Pend	
1517	<.001	<.03
1518	<.001	<.03
1519	<.001	<.03
1520	0.002	0.069
1521	0.006	0.206
1522	0.022	0.754
1523	<.001	<.03
1524	<.001	<.03
1525	<.001	<.03
1526	0.004	0.137
1527	0.162	5.554
1528	0.006	0.206
1529	<.001	<.03
1530	<.001	<.03
1531	0.006	0.206

21 **Splits**
1 **Pend**

Std OxL78	0.178	6.103
Blank	<.001	<.03

Certified Assayer: Eric A. Johnson

PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **10207**

Job No. 0-155

Date:
May 25, 2011

Splits

Sample #	**Au Oz/ton**	**g/tonne**
1532	<.001	<.03
1533	0.028	0.960
1534	<.001	<.03
1535	<.001	<.03
1536	<.001	<.03
1537	<.001	<.03
1538	0.002	0.069
1539	0.008	0.274
1540	0.014	0.480
1541	Pend	
1542	<.001	<.03
1543	0.002	0.069
1544	<.001	<.03
1545	<.001	<.03
1546	<.001	<.03
1547	<.001	<.03
1548	0.012	0.411
1549	<.001	<.03
1550	<.001	<.03
1551	<.001	<.03
1552	<.001	<.03
1553	<.001	<.03

21 **Splits**
1 **Pend**

Std OxL78	0.178	6.103
Blank	<.001	<.03

Certified Assayer: Carla Johnson

PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **10208**

Job No. 0-155

Date:
May 25, 2011

Splits

Sample #	**Au Oz/ton**	**g/tonne**
1554	<.001	<.03
1555	<.001	<.03
1556	0.051	1.749
1557	<.001	<.03
1558	<.001	<.03
1559	0.014	0.480
1560	<.001	<.03
1561	<.001	<.03
1562	<.001	<.03
1563	0.016	0.549
1564	0.012	0.411
1565	0.014	0.480
1566	<.001	<.03
1567	<.001	<.03
1568	<.001	<.03
1569	<.001	<.03
1570	<.001	<.03

17 **Splits**

Std OxL78	0.178	6.103
Blank	<.001	<.03

Certified Assayer: Erika Johnson

PolyMet Laboratories

		Client:	Queenston (Lebel Project)
CERTIFICATE	**10209**	Job No.	0-155

Date:
May 25, 2011

	Original		**Check**	
Sample #	**Au Oz/ton**	**g/tonne**	**Au Oz/ton**	**g/tonne**
1516	0.120	4.114	0.112	3.840
1541	0.076	2.606	0.074	2.537

2 + 4

Certified Assayer: Laura Johnson

PolyMet Labs
A Division of Polymet Resources Ltd.

1 Presley St, P.O. Box 699, Cobalt, Ontario, Canada P0J 1C0
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Email: info@polymetinc.com Website: www.polymetinc.com

Certificate of Analysis

Queenston Mining Inc.
(Lebel Project)

We certify that the assay results in the following Certificates are factual and true.

Certificate #'s 10197, 10198, 10199, 10200, 10201, 10202, 10203, 10204, & 10205

Certified by: _____
Chief Assayer

Certified by: _____
President/Manager

Date: May 25, 2011

Disclaimer: The results included on this report relate only to the items tested. The Certificate of Analysis should not be reproduced except in full, without the written approval of the laboratory.

PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **10197**

Job No. 0-155

Date:
May 24, 2011

Splits

Sample #	**Au Oz/ton**	**g/tonne**
0367	0.002	0.069
0368	<.001	<.03
0369	<.001	<.03
0370	<.001	<.03
0371	<.001	<.03
0372	0.002	0.069
0373	Pend	
0374	<.001	<.03
0375	<.001	<.03
0376	<.001	<.03
0377	<.001	<.03
0378	<.001	<.03
0379	<.001	<.03

12 **Splits**
1 **Pend**

Std OxL78	0.178	6.103
Blank	<.001	<.03

Certified Assayer:

PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **10198**

Job No. 0-155

Date:
May 24, 2011

Splits

Sample #	**Au Oz/ton**	**g/tonne**
0380	Pend	
0381	<.001	<.03
0382	0.162	5.554
0383	<.001	<.03
0384	0.008	0.274
0385	<.001	<.03
0386	<.001	<.03
0387	<.001	<.03
0388	<.001	<.03
0389	<.001	<.03
0390	<.001	<.03
0391	Pend	
0392	<.001	<.03
0393	Pend	
0394	<.001	<.03
0395	<.001	<.03
0396	<.001	<.03
0397	0.002	0.069
0399	Pend	
0400	<.001	<.03
0401	<.001	<.03

17 **Splits**
4 **Pend**

Std OxL78	0.176	6.034
Blank	<.001	<.03

Certified Assayer:

PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **10199**

Job No. 0-155

Date:
May 24, 2011

Splits

Sample #	**Au Oz/ton**	**g/tonne**
0402	<.001	<.03
0403	<.001	<.03
0404	<.001	<.03
0405	<.001	<.03
0406	0.049	1.680
0407	<.001	<.03
0408	0.014	0.480
0409	Pend	
0410	<.001	<.03
0411	<.001	<.03
0412	0.018	0.617
0413	<.001	<.03
0414	0.004	0.137
0415	<.001	<.03
0416	0.004	0.137
0417	<.001	<.03
0418	<.001	<.03
0419	0.008	0.274
0420	Pend	
0421	0.020	0.686
0422	<.001	<.03
0423	<.001	<.03

20 **Splits**
2 **Pend**

Std OxL78	0.176	6.034
Blank	<.001	<.03

Certified Assayer:

PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **10200**

Job No. 0-155

Date:
May 24, 2011

	Original		**Check**	
Sample #	**Au Oz/ton**	**g/tonne**	**Au Oz/ton**	**g/tonne**
0373	0.076	2.606	0.076	2.606
0380	0.120	4.114	0.130	4.457
0391	0.126	4.320	0.126	4.320
0393	0.032	1.097	0.044	1.509
0399	0.048	1.646	0.040	1.371
0409	0.062	2.126	0.066	2.263
0420	0.080	2.743	0.100	3.429

7 + 14

Certified Assayer:

PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **10201**

Job No. 0-155

Date:
May 25, 2011

Splits

Sample #	**Au Oz/ton**	**g/tonne**
0424	<.001	<.03
0425	<.001	<.03
0426	Pend	
0427	<.001	<.03
0428	Pend	
0429	Pend	
0430	Pend	
0431	0.167	5.726
0432	0.014	0.480
0433	Pend	
0434	0.028	0.960
0435	Pend	
0436	0.006	0.206
1437	0.004	0.137
1438	0.014	0.480
1439	0.012	0.411
1440	0.006	0.206
1441	0.028	0.960
1442	0.028	0.960
1443	0.002	0.069
1444	<.001	<.03
1445	0.002	0.069

16 **Splits**
6 **Pend**

Std OxL78	0.176	6.034
Blank	<.001	<.03

Certified Assayer:

PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **10202**

Job No. 0-155

Date:
May 25, 2011

Splits

Sample #	**Au Oz/ton**	**g/tonne**
1446	0.024	0.823
1447	0.018	0.617
1448	<.001	<.03
1449	0.006	0.206
1450	0.008	0.274
1451	0.016	0.549
1452	0.002	0.069
1453	0.004	0.137
1454	0.010	0.343
1455	0.006	0.206
1456	0.006	0.206
1457	0.162	5.554
1458	Pend	
1459	<.001	<.03
1460	0.028	0.960
1461	0.024	0.823
1462	0.012	0.411
1463	<.001	<.03
1464	<.001	<.03
1465	0.002	0.069
1466	<.001	<.03

20 **Splits**
1 **Pend**

Std OxL78	0.176	6.034
Blank	<.001	<.03

Certified Assayer:



PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **10203**

Job No. 0-155

Date:
May 25, 2011

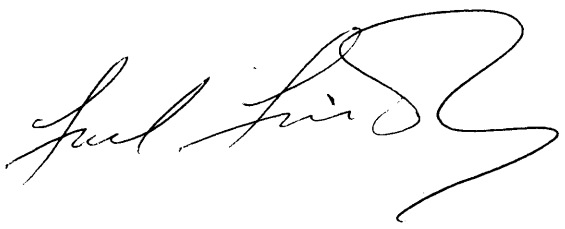
Splits

Sample #	**Au Oz/ton**	**g/tonne**
1467	<.001	<.03
1468	<.001	<.03
1469	<.001	<.03
1470	<.001	<.03
1471	0.004	0.137
1472	<.001	<.03
1473	<.001	<.03
1474	<.001	<.03
1475	<.001	<.03
1476	<.001	<.03
1477	<.001	<.03
1478	<.001	<.03
1479	<.001	<.03
1480	<.001	<.03
1481	<.001	<.03
1482	<.001	<.03
1483	0.006	0.206
1484	<.001	<.03
1485	<.001	<.03
1486	<.001	<.03
1487	<.001	<.03
1488	<.001	<.03

22 **Splits**

Std OxL78	0.178	6.103
Blank	<.001	<.03

Certified Assayer:



PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **10204**

Job No. 0-155

Date:
May 25, 2011

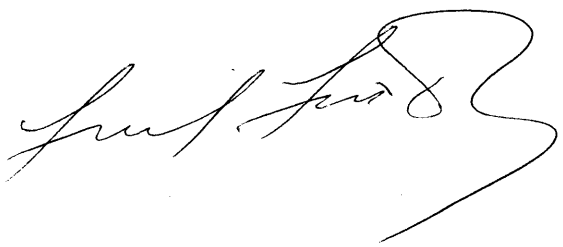
Splits

Sample #	**Au Oz/ton**	**g/tonne**
1489	<.001	<.03
1490	<.001	<.03
1491	<.001	<.03
1492	0.002	0.069
1493	0.028	0.960
1494	0.052	1.783
1495	0.022	0.754
1496	<.001	<.03
1497	<.001	<.03
1498	<.001	<.03
1499	<.001	<.03
1500	<.001	<.03
1501	<.001	<.03
1502	<.001	<.03
1503	<.001	<.03
1504	<.001	<.03
1505	<.001	<.03
1506	0.004	0.137
1507	<.001	<.03
1508	<.001	<.03
1509	<.001	<.03

21 **Splits**

Std OxL78	0.178	6.103
Blank	<.001	<.03

Certified Assayer:



PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **10205**

Job No. 0-155

Date:
May 25, 2011

	Original		**Check**	
Sample #	**Au Oz/ton**	**g/tonne**	**Au Oz/ton**	**g/tonne**
0426	4.036	138.378	4.400	150.858
0428	0.310	10.629	0.330	11.314
0429	0.156	5.349	0.154	5.280
0430	0.068	2.331	0.068	2.331
0433	0.046	1.577	0.042	1.440
0435	0.038	1.303	0.038	1.303
1458	0.044	1.509	0.054	1.851

7 + 14

Certified Assayer:

PolyMet Labs
A Division of Polymet Resources Inc.

1 Presley St. P.O. Box 699, Cobalt, Ontario, Canada P0J 1C0
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Email: info@polymetinc.com Website: www.polymetinc.com

Certificate of Analysis

Queenston Mining Inc.
(Lebel Project)

We certify that the assay results in the following Certificates are factual and true.

Certificate #'s 10484, 10485, 10486, 10498, 10499, &10500

Certified by: _____
Chief Assayer

Certified by: _____
President/Manager

Date: June 28, 2011

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PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **10484**

Job No. 0-155

Date:
June 28, 2011

Splits

Sample #	**Au Oz/ton**	**g/tonne**
1311	<.001	<.03
1312	0.004	0.137
1313	0.002	0.069
1314	0.008	0.274
1315	<.001	<.03
1316	<.001	<.03
1317	0.157	5.383
1318	<.001	<.03
1319	<.001	<.03
1320	<.001	<.03
1321	0.028	0.960
1322	<.001	<.03
1323	<.001	<.03
1324	<.001	<.03
1325	<.001	<.03
1326	0.020	0.686
1327	<.001	<.03
1328	0.004	0.137
1329	0.002	0.069
1330	<.001	<.03
1331	<.001	<.03
2841	<.001	<.03

22 **Splits**

Std OxL78	0.178	6.103
Blank	<.001	<.03

Certified Assayer:

PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **10485**

Job No. 0-155

Date:
June 28, 2011

Splits

Sample #	**Au Oz/ton**	**g/tonne**
2842	<.001	<.03
2843	<.001	<.03
2844	<.001	<.03
2845	<.001	<.03
2846	<.001	<.03
1332	<.001	<.03
1333	0.020	0.686
1334	Pend	
1335	0.026	0.891
1336	0.008	0.274
1337	Pend	
1338	Pend	
1339	0.016	0.549
1340	Pend	
1341	<.001	<.03
1342	0.018	0.617
1343	0.010	0.343
1344	<.001	<.03
1345	0.020	0.686
1346	<.001	<.03
1347	0.024	0.823
1348	0.048	1.646

18 **Splits**
4 **Pend**

Std OxL78	0.178	6.103
Blank	<.001	<.03

Certified Assayer: Paula Johnson

PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **10486**

Job No. 0-155

Date:
June 28, 2011

	Original		Check	
Sample #	**Au Oz/ton**	**g/tonne**	**Au Oz/ton**	**g/tonne**
1334	0.032	1.097	0.032	1.097
1337	0.062	2.126	0.052	1.783
1338	0.040	1.371	0.038	1.303
1340	0.058	1.989	0.052	1.783

4 + 8

Certified Assayer:

PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **10498**

Job No. 0-155

Date:
June 29, 2011

Splits

Sample #	**Au Oz/ton**	**g/tonne**
1349	<.001	<.03
2847	<.001	<.03
2848	<.001	<.03
2849	<.001	<.03
2850	<.001	<.03
2851	<.001	<.03
2852	<.001	<.03
2853	<.001	<.03
2854	<.001	<.03
2855	<.001	<.03
2856	<.001	<.03
2857	<.001	<.03
2858	<.001	<.03
2826	<.001	<.03
2827	<.001	<.03
2828	<.001	<.03
2829	<.001	<.03
2830	<.001	<.03
2831	<.001	<.03
2832	<.001	<.03
2833	0.002	0.069

21 **Splits**

Std OxL78	0.174	5.966
Blank	<.001	<.03

Certified Assayer:

PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **10499**

Job No. 0-155

Date:
June 29, 2011

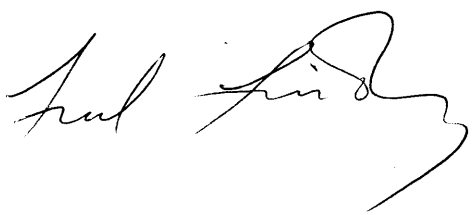
Splits

Sample #	**Au Oz/ton**	**g/tonne**
2834	Pend	
2835	0.156	5.349
2836	<.001	<.03
2837	<.001	<.03
2838	<.001	<.03
2839	<.001	<.03
2840	<.001	<.03
2864	<.001	<.03
2865	<.001	<.03
2866	<.001	<.03
2867	<.001	<.03
2868	<.001	<.03
2869	<.001	<.03
2870	<.001	<.03
2871	<.001	<.03
2872	<.001	<.03
2873	<.001	<.03
2874	<.001	<.03
2875	<.001	<.03
2876	<.001	<.03
2877	0.052	1.783
2878	<.001	<.03

21 **Splits**
1 **Pend**

Std OxL78	0.174	5.966
Blank	<.001	<.03

Certified Assayer:



PolyMet Laboratories

		Client:	Queenston (Lebel Project)
CERTIFICATE	**10500**	Job No.	0-155

Date:
June 29, 2011

	Original		**Check**	
Sample #	**Au Oz/ton**	**g/tonne**	**Au Oz/ton**	**g/tonne**
2834	0.034	1.166	0.044	1.509

1 + 2

Certified Assayer:

PolyMet Labs
A Division of Polymet Resources Inc.

1 Presley St. P.O. Box 699, Cobalt, Ontario. Canada P0J 1C0
Tel: (705) 679-5500 • Fax: (705) 679-5519
Email: info@polymetinc.com Website: www.polymetinc.com

Certificate of Analysis

Queenston Mining Inc.
(Lebel Project)

We certify that the assay results in the following Certificates are factual and true.

Certificate #'s 10538, 10539, 10540, 10541, 10542, 10543, 10544, 10545, 10546, 10547, & 10548

Certified by: _____
Chief Assayer

Certified by: _____
President/Manager

Date: July 7, 2011

Disclaimer: The results included on this report relate only to the items tested. The Certificate of Analysis should not be reproduced except in full, without the written approval of the laboratory.

PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **10538**

Job No. 0-155

Date:
July 7, 2011

Splits

Sample #	**Au Oz/ton**	**g/tonne**
1044	0.045	1.543
1045	0.018	0.617
1046	<.001	<.03
1047	0.002	0.069
1048	<.001	<.03
1049	<.001	<.03
1050	0.004	0.137
1051	0.006	0.206

8 **Splits**

Std OxL78	0.172	5.897
Blank	<.001	<.03

Certified Assayer:

PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **10539**

Job No. 0-155

Date:
July 7, 2011

Splits

Sample #	**Au Oz/ton**	**g/tonne**
1052	0.002	0.069
1053	0.028	0.960
1054	0.008	0.274
1055	0.018	0.617
1056	<.001	<.03
1057	0.002	0.069
1058	<.001	<.03
1059	0.002	0.069
1060	0.018	0.617
1061	<.001	<.03
1062	<.001	<.03
1063	<.001	<.03
1064	<.001	<.03
1065	<.001	<.03
1066	<.001	<.03
1067	<.001	<.03
1068	0.156	5.349
1069	<.001	<.03
1070	0.004	0.137
1071	<.001	<.03
1072	0.002	0.069
1073	<.001	<.03

22 **Splits**

Std OxL78	0.178	6.103
Blank	<.001	<.03

Certified Assayer:

PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **10540**

Job No. 0-155

Date:
July 7, 2011

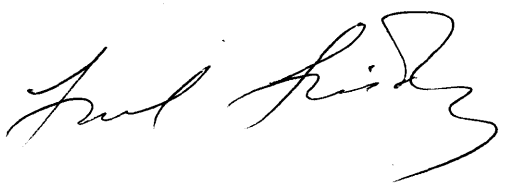
Splits

Sample #	**Au Oz/ton**	**g/tonne**
1074	0.002	0.069
1075	0.002	0.069
1076	<.001	<.03
1077	0.002	0.069
1078	<.001	<.03
1079	0.026	0.891
1080	<.001	<.03
1081	<.001	<.03
1082	<.001	<.03
1083	<.001	<.03
1084	<.001	<.03
1085	<.001	<.03
1086	<.001	<.03
1087	0.018	0.617
1088	0.020	0.686
1089	<.001	<.03
1090	0.008	0.274
1091	Pend	
1092	0.002	0.069
1093	<.001	<.03
1094	0.050	1.714

20 **Splits**
1 **Pend**

Std OxL78	0.178	6.103
Blank	<.001	<.03

Certified Assayer:



PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **10541**

Job No. 0-155

Date:
July 7, 2011

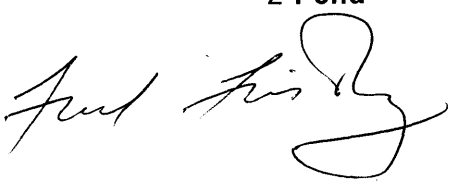
Splits

Sample #	**Au Oz/ton**	**g/tonne**
1095	<.001	<.03
1096	<.001	<.03
1097	<.001	<.03
1098	<.001	<.03
1099	<.001	<.03
1100	<.001	<.03
1101	<.001	<.03
1102	0.008	0.274
1103	<.001	<.03
1104	<.001	<.03
1105	<.001	<.03
1106	0.014	0.480
1107	0.018	0.617
1108	0.010	0.343
2916	Pend	
2917	0.016	0.549
2918	<.001	<.03
2919	0.004	0.137
2920	0.008	0.274
2921	<.001	<.03
2922	Pend	
2923	<.001	<.03

20 **Splits**
2 **Pend**

Std OxL78	0.172	5.897
Blank	<.001	<.03

Certified Assayer:



PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **10542**

Job No. 0-155

Date:
July 7, 2011

Splits

Sample #	**Au Oz/ton**	**g/tonne**
2924	<.001	<.03
2925	0.002	0.069
2926	<.001	<.03
2927	<.001	<.03
2928	<.001	<.03
2929	0.002	0.069
2930	<.001	<.03
2931	<.001	<.03
2932	0.008	0.274
2933	<.001	<.03
2934	<.001	<.03
2935	<.001	<.03
2936	<.001	<.03
2937	<.001	<.03
2938	<.001	<.03
2939	<.001	<.03
2940	0.002	0.069
2941	0.044	1.509
2942	0.010	0.343
2943	0.006	0.206
2944	<.001	<.03

21 **Splits**

Std OxL78	0.172	5.897
Blank	<.001	<.03

Certified Assayer:



PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **10543**

Job No. 0-155

Date:
July 7, 2011

Splits

Sample #	**Au Oz/ton**	**g/tonne**
2945	0.010	0.343
2946	Pend	
2947	0.014	0.480
2948	0.022	0.754
2949	Pend	
2950	<.001	<.03
2951	Pend	
2952	0.010	0.343
2953	0.020	0.686
2954	0.004	0.137
2955	0.006	0.206
2956	0.006	0.206
2957	0.010	0.343
2958	0.008	0.274
2959	0.010	0.343
2960	0.008	0.274
2961	0.008	0.274
2962	0.006	0.206
2963	0.002	0.069
2964	0.002	0.069
2965	0.002	0.069
2966	0.002	0.069

19 **Splits**
3 **Pend**

Std OxL78	0.176	6.034
Blank	<.001	<.03

Certified Assayer:

PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **10544**

Job No. 0-155

Date:
July 7, 2011

Splits

Sample #	**Au Oz/ton**	**g/tonne**
2967	Pend	
2968	0.161	5.520
2969	0.008	0.274
2970	0.008	0.274
2971	0.016	0.549
2972	0.004	0.137
2973	Pend	
2974	Pend	
2975	<.001	<.03
2976	Pend	
2977	<.001	<.03
2978	0.002	0.069
2979	0.002	0.069
2980	<.001	<.03
2981	<.001	<.03
2982	0.006	0.206
2983	0.004	0.137
2984	<.001	<.03
2985	0.010	0.343
2986	<.001	<.03
2987	<.001	<.03
2988	<.001	<.03

18 **Splits**
4 **Pend**

Std OxL78	0.176	6.034
Blank	<.001	<.03

Certified Assayer:



PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **10545**

Job No. 0-155

Date:
July 7, 2011

Splits

Sample #	**Au Oz/ton**	**g/tonne**
2989	0.002	0.069
2990	0.004	0.137
2991	0.006	0.206
2992	<.001	<.03
2993	0.010	0.343
2994	0.006	0.206
2995	0.004	0.137
2996	0.012	0.411
2997	0.006	0.206
2998	<.001	<.03
2999	0.002	0.069
3000	<.001	<.03
3001	0.006	0.206
3002	<.001	<.03
3003	0.006	0.206
3004	0.006	0.206
3005	0.004	0.137
3006	0.012	0.411
3007	0.014	0.480
3008	0.050	1.714
3009	0.016	0.549

21 **Splits**

Std OxL78	0.174	5.966
Blank	<.001	<.03

Certified Assayer:



PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **10546**

Job No. 0-155

Date:
July 7, 2011

Splits

Sample #	**Au Oz/ton**	**g/tonne**
3010	<.001	<.03
3011	<.001	<.03
3012	<.001	<.03
3013	<.001	<.03
3014	<.001	<.03
3015	<.001	<.03
3016	<.001	<.03
3017	0.004	0.137
3018	<.001	<.03
3019	0.002	0.069
3020	<.001	<.03
3021	<.001	<.03
3022	<.001	<.03
3023	<.001	<.03
3024	<.001	<.03
3025	<.001	<.03
3026	<.001	<.03
3027	<.001	<.03
3028	<.001	<.03
3029	<.001	<.03
3030	<.001	<.03
3031	0.020	0.686

22 **Splits**

Std OxL78	0.174	5.966
Blank	<.001	<.03

Certified Assayer:

PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **10547**

Job No. 0-155

Date:
July 7, 2011

Splits

Sample #	**Au Oz/ton**	**g/tonne**
3032	0.002	0.069
3033	<.001	<.03
3034	<.001	<.03
3035	<.001	<.03
3036	<.001	<.03
3037	<.001	<.03
3038	0.004	0.137
3039	<.001	<.03
3040	0.165	5.657
3041	<.001	<.03
3042	0.002	0.069
3043	<.001	<.03
3044	<.001	<.03
3045	Pend	
3046	<.001	<.03
3047	0.002	0.069
3048	<.001	<.03
3049	<.001	<.03
3050	<.001	<.03
3051	<.001	<.03

19 **Splits**
1 **Pend**

Std OxL78	0.172	5.897
Blank	<.001	<.03

Certified Assayer:

PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **10548**

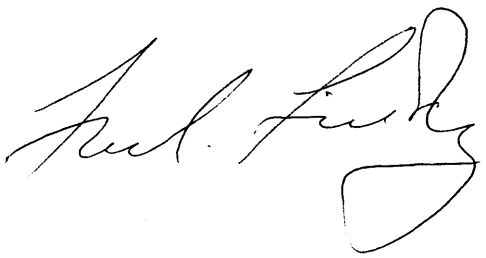
Job No. 0-155

Date:
July 7, 2011

	Original		Check	
Sample #	**Au Oz/ton**	**g/tonne**	**Au Oz/ton**	**g/tonne**
1091	0.038	1.303	0.024	0.823
2916	0.070	2.400	0.048	1.646
2922	0.114	3.909	0.076	2.606
2946	0.034	1.166	0.030	1.029
2949	0.216	7.406	0.188	6.446
2951	0.078	2.674	0.058	1.989
2967	0.288	9.874	0.312	10.697
2973	0.072	2.469	0.072	2.469
2974	0.086	2.949	0.084	2.880
2976	0.060	2.057	0.058	1.989
3045	0.108	3.703	0.120	4.114

11 + 22

Certified Assayer:



PolyMet Labs
A Division of Polymet Resources Ltd.

1 Presley St, P.O. Box 699, Cobalt, Ontario, Canada P0J 1C0
Tel: (705) 679-5500 • Fax: (705) 679-5519
Email: info@polymetinc.com Website: www.polymetinc.com

Certificate of Analysis

Queenston Mining Inc.
(Vault Division)

We certify that the assay results in the following Certificates are factual and true.

Certificate #'s 9560, 9561, 9562, 9563, 9564, 9565, 9566, 9567, 9568, 9569, 9570, 9571, 9572, & 9573

Certified by: _____
Chief Assayer

Certified by: _____
President/Manager

Date: Feb. 15, 2011

Disclaimer: The results included on this report relate only to the items tested. The Certificate of Analysis should not be reproduced except in full, without the written approval of the laboratory.

PolyMet Laboratories

Client: Queenston (Vault Div.)

CERTIFICATE 9560

Job No. 0-155

Date:
Feb. 14, 2011

Splits

Sample #	**Au Oz/ton**	**g/tonne**
52115	<.001	<.03
52116	0.008	0.274
52117	0.002	0.069
52118	0.004	0.137
52119	Pend	
52120	<.001	<.03
52121	Pend	
52122	0.002	0.069
52123	0.162	5.554
52124	<.001	<.03
52125	<.001	<.03
52126	<.001	<.03
52127	<.001	<.03
52128	<.001	<.03
52129	<.001	<.03
52130	0.004	0.137
52131	<.001	<.03
52132	<.001	<.03
52133	<.001	<.03
52134	<.001	<.03
52135	<.001	<.03
52136	<.001	<.03
52137	0.050	1.714
52138	<.001	<.03
52139	<.001	<.03
52140	<.001	<.03
52141	<.001	<.03
52142	<.001	<.03

26 **Splits**
2 **Pend**

Std OxN 77	0.232	7.954
Blank	<.001	<.03

Certified Assayer: Carla Johnson

PolyMet Laboratories

Client: Queenston (Vault Div.)

CERTIFICATE 9561

Job No. 0-155

Date:
Feb. 14, 2011

Splits

Sample #	**Au Oz/ton**	**g/tonne**
52143	<.001	<.03
52144	<.001	<.03
52145	<.001	<.03
52324	<.001	<.03
52325	<.001	<.03
52326	<.001	<.03
52327	<.001	<.03
52328	<.001	<.03
52329	0.016	0.549
52330	<.001	<.03
52331	<.001	<.03
52332	0.006	0.206
52333	0.008	0.274
53153	<.001	<.03
53154	0.006	0.206
53155	<.001	<.03
53156	<.001	<.03
53157	0.002	0.069
53158	<.001	<.03
53159	0.166	5.691
53160	<.001	<.03

21 **Splits**

Std OxN 77	0.232	7.954
Blank	<.001	<.03

Certified Assayer: Carla Johnson

PolyMet Laboratories

Client: Queenston (Vault Div.)

CERTIFICATE 9562 Job No. 0-155

Date: Feb. 14, 2011

Splits

Sample #	**Au Oz/ton**	**g/tonne**
53161	<.001	<.03
53162	<.001	<.03
53163	<.001	<.03
53164	<.001	<.03
53165	<.001	<.03
53166	<.001	<.03
53167	<.001	<.03
53168	<.001	<.03
53169	<.001	<.03
53170	<.001	<.03
53171	<.001	<.03
53172	<.001	<.03
53173	<.001	<.03
53174	<.001	<.03
53175	<.001	<.03
53176	<.001	<.03
53177	<.001	<.03
53178	<.001	<.03
53179	<.001	<.03
53180	<.001	<.03
53181	<.001	<.03
53182	<.001	<.03

22 **Splits**

Std OxN 77	0.230	7.886
Blank	<.001	<.03

Certified Assayer: Carla Johnson

PolyMet Laboratories

Client: Queenston (Vault Div.)

CERTIFICATE 9563 Job No. 0-155

Date:
Feb. 14, 2011

Splits

Sample #	**Au Oz/ton**	**g/tonne**
53183	<.001	<.03
53184	<.001	<.03
53185	0.049	1.680
53186	<.001	<.03
53187	<.001	<.03
53188	<.001	<.03
53189	<.001	<.03
53190	<.001	<.03
53191	<.001	<.03
53192	<.001	<.03
53193	<.001	<.03
53194	<.001	<.03
53195	<.001	<.03
53196	<.001	<.03
53197	<.001	<.03
53198	<.001	<.03
53199	<.001	<.03
53200	<.001	<.03
53201	<.001	<.03
52433	0.002	0.069
52434	0.012	0.411
52435	<.001	<.03

22 **Splits**

Std OxN 77	0.230	7.886
Blank	<.001	<.03

Certified Assayer: Carla Johnson

PolyMet Laboratories

			Client:	Queenston (Vault Div.)
CERTIFICATE	**9564**	Splits	Job No.	0-155

Date:
Feb. 14, 2011

	Original		**Check**	
Sample #	**Au Oz/ton**	**g/tonne**	**Au Oz/ton**	**g/tonne**
52119	0.180	6.171	0.180	6.171
52121	0.052	1.783	0.042	1.440

2 + 4

Certified Assayer: Carla Johnson

PolyMet Laboratories

Client: Queenston (Vault Div.)

CERTIFICATE 9565

Job No. 0-155

Date:
Feb. 15, 2011

Splits

Sample #	**Au Oz/ton**	**g/tonne**
52436	0.022	0.754
52437	0.008	0.274
52438	0.002	0.069
52439	<.001	<.03
52440	<.001	<.03
52441	0.008	0.274
52442	0.012	0.411
52443	0.014	0.480
52444	<.001	<.03
52445	<.001	<.03
52446	Pend	
52447	<.001	<.03
52448	0.028	0.960
52449	<.001	<.03
52450	0.167	5.726
52451	0.002	0.069
52452	<.001	<.03
52453	<.001	<.03
63989	<.001	<.03
63990	<.001	<.03
63991	<.001	<.03

20 **Splits**
1 **Pend**

Std OxN 77	0.230	7.886
Blank	<.001	<.03

Certified Assayer:

PolyMet Laboratories

Client: Queenston (Vault Div.)

CERTIFICATE 9566

Job No. 0-155

Date:
Feb. 15, 2011

Splits

Sample #	**Au Oz/ton**	**g/tonne**
63992	<.001	<.03
63993	<.001	<.03
63994	<.001	<.03
63995	<.001	<.03
63996	<.001	<.03
63997	0.010	0.343
63998	0.004	0.137
63999	0.022	0.754
64000	Pend	
54901	0.004	0.137
54902	<.001	<.03
52454	0.002	0.069
52455	Pend	
52456	Pend	
52457	<.001	<.03
52458	<.001	<.03
52459	<.001	<.03
52460	<.001	<.03
52461	<.001	<.03
52462	<.001	<.03
52463	<.001	<.03
52464	<.001	<.03

19 **Splits**
3 **Pend**

Std OxN 77	0.230	7.886
Blank	<.001	<.03

Certified Assayer:



PolyMet Laboratories

Client: Queenston (Vault Div.)

CERTIFICATE 9567 Job No. 0-155

Date:
Feb. 15, 2011

Splits

Sample #	**Au Oz/ton**	**g/tonne**
52465	<.001	<.03
52466	<.001	<.03
52467	0.010	0.343
52468	<.001	<.03
52469	<.001	<.03
52478	0.006	0.206
52470	<.001	<.03
52471	<.001	<.03
52472	<.001	<.03
52473	<.001	<.03
52474	<.001	<.03
52475	<.001	<.03
52476	<.001	<.03
52477	<.001	<.03
52479	0.165	5.657
52480	<.001	<.03
52481	<.001	<.03
52482	<.001	<.03
52483	<.001	<.03
52484	<.001	<.03
52354	0.002	0.069

21 **Splits**

Std OxN 77	0.226	7.749
Blank	<.001	<.03

Certified Assayer:

PolyMet Laboratories

Client: Queenston (Vault Div.)

CERTIFICATE 9568

Job No. 0-155

Date:
Feb. 15, 2011

Splits

Sample #	**Au Oz/ton**	**g/tonne**
52355	0.014	0.480
52356	0.012	0.411
52357	0.004	0.137
52358	<.001	<.03
52359	0.002	0.069
52360	<.001	<.03
52361	0.008	0.274
52362	<.001	<.03
52363	0.014	0.480
52364	0.010	0.343
52365	<.001	<.03
52366	0.004	0.137
52367	<.001	<.03
52368	<.001	<.03
52369	0.014	0.480
52370	0.048	1.646
52371	<.001	<.03
52372	<.001	<.03
52373	0.004	0.137
52374	0.002	0.069
52375	0.016	0.549
52376	0.028	0.960

22 **Splits**

Std OxN 77	0.226	7.749
Blank	<.001	<.03

Certified Assayer:



PolyMet Laboratories

Client: Queenston (Vault Div.)

CERTIFICATE 9569 Job No. 0-155

Date: Feb. 15, 2011

Splits

Sample #	**Au Oz/ton**	**g/tonne**
52377	Pend	
52378	0.002	0.069
52379	0.006	0.206
52380	0.002	0.069
52381	<.001	<.03
52382	<.001	<.03
52383	Pend	
52384	Pend	
52385	Pend	
52386	<.001	<.03
52387	0.002	0.069
52388	<.001	<.03
52389	<.001	<.03
52390	<.001	<.03
52391	0.002	0.069
52392	0.022	0.754
52403	0.006	0.206
52393	<.001	<.03
52394	0.006	0.206
52395	<.001	<.03
52396	<.001	<.03
52397	0.160	5.486

18 **Splits**

4 **Pend**

Std OxN 77	0.224	7.680
Blank	<.001	<.03

Certified Assayer:

PolyMet Laboratories

Client: Queenston (Vault Div.)

CERTIFICATE 9570 Job No. 0-155

Date:
Feb. 15, 2011

Splits

Sample #	**Au Oz/ton**	**g/tonne**
52398	<.001	<.03
52399	<.001	<.03
52400	<.001	<.03
52401	0.014	0.480
52402	<.001	<.03
52404	<.001	<.03
52405	<.001	<.03
52406	<.001	<.03
52407	0.006	0.206
52408	Pend	
52409	<.001	<.03
52410	<.001	<.03
52411	Pend	
52412	<.001	<.03
52413	0.002	0.069
52414	0.004	0.137
52415	<.001	<.03
52416	<.001	<.03
52417	<.001	<.03
52418	<.001	<.03
52419	0.018	0.617

19 **Splits**
2 **Pend**

Std OxN 77	0.224	7.680
Blank	<.001	<.03

Certified Assayer:

PolyMet Laboratories

Client: Queenston (Vault Div.)

CERTIFICATE 9571 Job No. 0-155

Date: Feb. 15, 2011

Splits

Sample #	**Au Oz/ton**	**g/tonne**
52420	Pend	
52421	<.001	<.03
52422	<.001	<.03
52423	<.001	<.03
52424	0.051	1.749
52425	<.001	<.03
52426	<.001	<.03
52427	0.004	0.137
52428	0.010	0.343
52429	<.001	<.03
52430	0.004	0.137
52431	0.004	0.137
52432	<.001	<.03
52485	<.001	<.03
52486	<.001	<.03
52487	<.001	<.03
52488	0.022	0.754
52489	0.028	0.960
52490	<.001	<.03
52491	<.001	<.03
52492	<.001	<.03
52493	<.001	<.03

21 **Splits**
1 **Pend**

Std OxN 77	0.232	7.954
Blank	<.001	<.03

Certified Assayer:

PolyMet Laboratories

Client: Queenston (Vault Div.)

CERTIFICATE 9572 Job No. 0-155

Date:
Feb. 15, 2011

Splits

Sample #	**Au Oz/ton**	**g/tonne**
52494	Pend	
52495	<.001	<.03
52496	0.022	0.754
52497	0.014	0.480
52498	<.001	<.03
54903	<.001	<.03
54904	<.001	<.03
54905	0.006	0.206
54906	<.001	<.03
54957	Pend	
54958	<.001	<.03
54959	0.026	0.891
54960	Pend	

Std OxN 77	0.232	7.954
Blank	<.001	<.03

10 **Splits**
3 **Pend**

Certified Assayer:



PolyMet Laboratories

			Client:	Queenston (Vault Div.)
CERTIFICATE	**9573**	Splits	Job No.	0-155

Date:
Feb. 15, 2011

	Original		**Check**	
Sample #	**Au Oz/ton**	**g/tonne**	**Au Oz/ton**	**g/tonne**
52446	0.228	7.817	0.248	8.503
64000	0.208	7.131	0.216	7.406
52455	0.060	2.057	0.044	1.509
52456	0.058	1.989	0.040	1.371
52377	0.038	1.303	0.050	1.714
52383	0.036	1.234	0.048	1.646
52384	0.130	4.457	0.138	4.731
52385	0.456	15.634	0.536	18.377
52408	0.032	1.097	0.042	1.440
52411	0.034	1.166	0.048	1.646
52420	0.078	2.674	0.082	2.811
52494	0.048	1.646	0.052	1.783
54957	0.062	2.126	0.070	2.400
54960	0.090	3.086	0.108	3.703

14 + 28

Certified Assayer:

PolyMet Labs
A Division of Polymet Resources Ltd.

1 Presley St, P.O. Box 699, Cobalt, Ontario, Canada P0J 1C0
Tel: (705) 679-5500 • Fax: (705) 679-5519
Email: info@polymetinc.com Website: www.polymetinc.com

Certificate of Analysis

Queenston Mining Inc.
(Lebel Project)

We certify that the assay results in the following Certificates are factual and true.

Certificate #'s 12873, 12874, 12875, 12876, 12877, 12878, 12879, 12880, 12881, 12882, & 12883

Certified by: _____
Chief Assayer

Certified by: _____
President/Manager

Date: February 22, 2012

Disclaimer: The results included on this report relate only to the items tested. The Certificate of Analysis should not be reproduced except in full, without the written approval of the laboratory.

PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **12873**

Job No. 0-155

Date:
Feb. 22, 2012

Splits

Sample #	Au Oz/ton	Au g/tonne
14212	<.001	<.03
14213	<.001	<.03
14214	0.008	0.274
14215	0.014	0.480
14216	<.001	<.03
14217	<.001	<.03
14218	<.001	<.03

7 **Splits**

Std OxL 93	0.174	5.966
Blank	<.001	<.03

Certified Assayer:

PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **12874**

Job No. 0-155

Date:
Feb. 22, 2012

Splits

Sample #	**Au Oz/ton**	**Au g/tonne**
14219	<.001	<.03
14220	0.162	5.554
14221	<.001	<.03
14222	<.001	<.03
14223	<.001	<.03
14224	<.001	<.03
14225	<.001	<.03
14226	<.001	<.03
13903	<.001	<.03
13904	<.001	<.03
13905	<.001	<.03
13906	<.001	<.03
13907	<.001	<.03
13908	<.001	<.03
13909	<.001	<.03
13910	<.001	<.03
13911	Pend	
13912	<.001	<.03
13913	0.024	0.823
14914	<.001	<.03
13915	<.001	<.03
13916	<.001	<.03

21 **Splits**
1 **Pend**

Std OxL 93	0.174	5.966
Blank	<.001	<.03

Certified Assayer:

PolyMet Laboratories

Client: Queenston (Lebel Project)
Job No. 0-155

CERTIFICATE **12875**

Date:
Feb. 22, 2012

Splits

Sample #	Au Oz/ton	Au g/tonne
13917	<.001	<.03
13918	<.001	<.03
13919	<.001	<.03
13920	0.052	1.783
13921	0.006	0.206
13922	<.001	<.03
13923	<.001	<.03
13924	<.001	<.03
13925	<.001	<.03
13926	<.001	<.03
13927	<.001	<.03
13928	<.001	<.03
13929	<.001	<.03
13930	<.001	<.03
13931	<.001	<.03
13932	0.012	0.411
13933	<.001	<.03
13934	<.001	<.03
13935	<.001	<.03
13936	<.001	<.03
13937	<.001	<.03
13938	<.001	<.03

22 **Splits**

Std OxL 93	0.174	5.966
Blank	<.001	<.03

Certified Assayer:

PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **12876**

Job No. 0-155

Date:
Feb. 22, 2012

Splits

Sample #	**Au Oz/ton**	**Au g/tonne**
13939	<.001	<.03
13940	<.001	<.03
13941	<.001	<.03
13942	<.001	<.03
13943	<.001	<.03
13944	0.004	0.137
13945	0.160	5.486
13946	<.001	<.03
13947	<.001	<.03
13948	<.001	<.03
13949	<.001	<.03
13950	<.001	<.03
13951	0.002	0.069
13952	0.012	0.411
13953	<.001	<.03
13954	<.001	<.03
13955	0.026	0.891
13956	0.024	0.823
13957	0.012	0.411
13958	0.024	0.823
13959	<.001	<.03
13960	0.012	0.411

22 **Splits**

Std OxL 93	0.174	5.966
Blank	<.001	<.03

Certified Assayer:

PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **12877**

Job No. 0-155

Date:
Feb. 22, 2012

Splits

Sample #	**Au Oz/ton**	**Au g/tonne**
13961	0.006	0.206
13962	<.001	<.03
13963	<.001	<.03
13964	0.008	0.274
13965	<.001	<.03
13966	<.001	<.03
13967	<.001	<.03
13968	0.004	0.137
13969	<.001	<.03
13970	0.052	1.783
13971	<.001	<.03
13972	<.001	<.03
13973	<.001	<.03
13974	<.001	<.03
13975	<.001	<.03
13976	<.001	<.03
13977	0.028	0.960
13978	<.001	<.03
13979	<.001	<.03
13980	0.022	0.754
13981	0.002	0.069
13982	<.001	<.03

22 **Splits**

Std OxL 93	0.174	5.966
Blank	<.001	<.03

Certified Assayer:



PolyMet Laboratories

Client: Queenston (Lebel Project)
Job No. 0-155

CERTIFICATE **12878**

Date:
Feb. 22, 2012

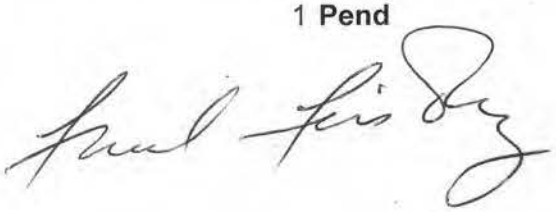
Splits

Sample #	Au Oz/ton	Au g/tonne
13983	<.001	<.03
13984	<.001	<.03
13985	<.001	<.03
13986	<.001	<.03
13987	<.001	<.03
13988	<.001	<.03
13989	<.001	<.03
13990	0.002	0.069
13991	<.001	<.03
13992	0.004	0.137
13993	<.001	<.03
13994	<.001	<.03
13995	0.168	5.760
13996	Pend	
13997	<.001	<.03
13998	<.001	<.03
13999	0.006	0.206
14000	<.001	<.03
14001	<.001	<.03
14002	0.002	0.069
14003	0.006	0.206
14004	0.006	0.206

21 **Splits**
1 **Pend**

Std OxL 93	0.174	5.966
Blank	<.001	<.03

Certified Assayer:



PolyMet Laboratories

Client: Queenston (Lebel Project)
Job No. 0-155

CERTIFICATE **12879**

Date:
Feb. 22, 2012

Splits

Sample #	Au Oz/ton	Au g/tonne
14005	0.002	0.069
14006	0.004	0.137
14007	Pend	
14008	<.001	<.03
14009	<.001	<.03
14010	<.001	<.03
14011	<.001	<.03
14012	Pend	
14013	<.001	<.03
11261	<.001	<.03
11262	0.010	0.343
11263	<.001	<.03
11264	0.006	0.206
11265	Pend	
11266	Pend	
11267	<.001	<.03
11268	Pend	
11269	0.010	0.343
11270	Pend	
11271	<.001	<.03
11272	Pend	
11273	0.002	0.069

15 **Splits**
7 **Pend**

Std OxL 93	0.168	5.760
Blank	<.001	<.03

Certified Assayer:

PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **12880**

Job No. 0-155

Date:
Feb. 22, 2012

Splits

Sample #	**Au Oz/ton**	**Au g/tonne**
11274	<.001	<.03
11275	0.052	1.783
11276	<.001	<.03
11277	<.001	<.03
11278	0.026	0.891
11279	<.001	<.03
11280	<.001	<.03
11281	<.001	<.03
11282	<.001	<.03
11283	<.001	<.03
11284	Pend	
11285	0.006	0.206
11286	0.002	0.069
11287	0.002	0.069
11288	0.012	0.411
11289	<.001	<.03
11290	0.004	0.137
11291	0.028	0.960
11292	0.018	0.617
11293	0.168	5.760
14657	<.001	<.03
14658	Pend	

20 **Splits**
2 **Pend**

Std OxL 93	0.168	5.760
Blank	<.001	<.03

Certified Assayer:



PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **12882**

Job No. 0-155

Date:
Feb. 22, 2012

Splits

Sample #	**Au Oz/ton**	**Au g/tonne**
14681	0.006	0.206
14682	0.022	0.754
14683	Pend	
14684	<.001	<.03
14685	0.162	5.554
14686	<.001	<.03
14687	<.001	<.03
14688	<.001	<.03
12064	0.002	0.069
12065	0.002	0.069
12066	0.014	0.480
12067	<.001	<.03
12068	0.016	0.549
12069	Pend	
12070	Pend	
12071	0.004	0.137
12072	0.002	0.069
12073	Pend	
12074	0.010	0.343
12075	Pend	
12076	Pend	
12077	0.024	0.823
12078	0.022	0.754
14689	<.001	<.03

18 **Splits**
6 **Pend**

Std OxL 93	0.174	5.966
Blank	<.001	<.03

Certified Assayer:



PolyMet Laboratories

Client: Queenston (Lebel Project)

CERTIFICATE **12883**

Job No. 0-155

Date:
Feb. 22, 2012

	Original		Check	
Sample #	**Au Oz/ton**	**Au g/tonne**	**Au Oz/ton**	**Au g/tonne**
13911	0.246	8.434	0.226	7.749
13996	0.084	2.880	0.132	4.526
14007	0.044	1.509	0.042	1.440
14012	0.100	3.429	0.070	2.400
11265	0.312	10.697	0.264	9.052
11266	0.710	24.343	0.632	21.669
11268	1.212	41.555	0.700	24.000
11270	0.088	3.017	0.094	3.223
11272	0.054	1.851	0.068	2.331
11284	0.068	2.331	0.110	3.771
14658	0.208	7.131	0.246	8.434
14659	0.046	1.577	0.034	1.166
14662	0.046	1.577	0.034	1.166
14671	0.034	1.166	0.038	1.303
14683	0.116	3.977	0.072	2.469
12069	0.046	1.577	0.050	1.714
12070	0.034	1.166	0.034	1.166
12073	0.040	1.371	0.036	1.234
12075	0.058	1.989	0.060	2.057
12076	0.042	1.440	0.042	1.440

20 + 40

Certified Assayer:

PolyMet Laboratories

Client: Queenston (Vault Div.)

CERTIFICATE 9380 Job No. 0-155

Date:
Jan. 24, 2011

Splits

Sample #	**Au Oz/ton**	**g/tonne**
52105	<.001	<.03
52106	<.001	<.03
52107	<.001	<.03
52108	<.001	<.03
52109	0.049	1.680
52110	<.001	<.03
52111	<.001	<.03
52112	<.001	<.03
52113	<.001	<.03
52114	<.001	<.03
51900	<.001	<.03
51901	<.001	<.03
51902	<.001	<.03
51903	0.002	0.069
51904	<.001	<.03
51905	<.001	<.03
51906	0.049	1.680
51907	<.001	<.03
51908	0.014	0.480
51909	<.001	<.03
51910	<.001	<.03
51911	<.001	<.03

22 **Splits**

Std OxN 77	0.232	7.954
Blank	<.001	<.03

Certified Assayer:

Hole_ID	From	To	Sample_#	Length	Au ppm	Description	Au ppm_ck	Au ppm-ck2
BZ11-38	10.60	11.30	B54335	0.70	<.03	1/4" chl-sil vn w 40% cse py@32 imm foll by 1" q-ank		
BZ11-38	21.70	22.45	B54336	0.75	<.03	1/8"-1/4" chl-sil vn @21 w10% cse d py		
BZ11-38	41.00	41.95	B54338	0.95	<.03	5% cse py vn's@16		
BZ11-38	41.95	42.70	B54339	0.75	0.069	1/8" 15% cse py vn@38		
BZ11-38	55.60	56.40	B54340	0.80	0.617	disc 1/8"-3/4" 70% cse py vn@58		
BZ11-38	56.40	57.40	B54860	1.00	0.480			
BZ11-38	57.40	58.35	B54861	0.95	0.411			
BZ11-38	58.35	59.80	B54862	1.45	0.274			
BZ11-38	59.80	61.00	B54863	1.20	0.480			
BZ11-38	61.00	62.30	B54864	1.30	0.343			
BZ11-38	62.30	63.50	B54341	1.20	0.411	5% cse py vn's@5+32		
BZ11-38	63.50	64.30	B54342	0.80	1.440	25% chl-sil vn's w 20% cse py@38; ct	1.371	1.509
BZ11-38	64.30	65.00	B54343	0.70	1.543	10-15% contorted chl-sil w 8% cse d py	1.440	1.646
BZ11-38	65.00	66.20	B54344	1.20	1.200	fairly fresh por	1.097	1.303
BZ11-38	66.20	67.40	B54345	1.20	0.069	10% chl-sil w 20% cse d py@33		
BZ11-38	67.40	68.85	B54346	1.45	0.549	20% chl-sil w 20% cse d py@43		
BZ11-38	68.85	70.35	B54347	1.50	0.960	5% chl-sil w 10% cse d py@33; 5% q-ank		
BZ11-38	70.35	71.60	B54348	1.25	0.206	0.3m 100% chl-sil w 20% cse d py@54		
BZ11-38	71.60	72.85	B54349	1.25	0.069	10% chl-sil w 20% cse d py@33		
BZ11-38	72.85	73.80	B54350	0.95	0.137			
BZ11-38	73.80	75.00	B54351	1.20	0.343			
BZ11-38	75.00	76.10	B54352	1.10	0.754	0.3m typical Perreault vn starts w 3/4" chl-sil myl, then 60% q-ank w chl-sil+10% cse d py+5% f d py@33 in BC+GC; posy flt; intensely shr'd for 0.3m after		
BZ11-38	76.10	77.00	B54353	0.90	0.480	intensely shr'd-almost to mudstone-30% q-ank+10% chl-sil w 5% cse d py		
BZ11-38	77.00	78.15	B54354	1.15	0.343	first 0.5m intensely shr'd w 20% cse d py@42, then freshens quickly		
BZ11-38	78.15	79.55	B54355	1.40	<.03	8% q-ank; 4% cse d py		
BZ11-38	79.55	80.55	B54356	1.00	0.069	5% contorted q-ank		
BZ11-38	80.55	81.50	B54357	0.95	0.823	0.1m ox'd BC imm prec by 1/8" chl-sil vn@44 w 6% f d py; ends w 0.1m wt qv w 15% cse d py@20		
BZ11-38	81.50	82.50	B54358	1.00	0.823	3/4" 40% cse py+ chl-sil vn@30 imm prec by 0.2m ox'd BC		
BZ11-38	82.50	83.60	B54359	1.10	0.617	wy sil'd+ser'd w 5% chl-sil fract's@42		
BZ11-38	83.60	84.85	B54360	1.25	0.480			
BZ11-38	84.85	86.35	B54361	1.50	0.206			
BZ11-38	86.35	87.30	B54362	0.95	0.069			
BZ11-38	87.30	88.30	B54363	1.00	<.03	2* 0.1m chl-sil almost myl w 15% f d py@54 w 15% bx frag's to 1/2"+ser'n		
BZ11-38	88.30	89.30	B54365	1.00	<.03			
BZ11-38	92.20	92.85	B54366	0.65	<.03	wy sil'd+ser'd w 5% chl-sil fract's@42		
BZ11-38	100.90	101.10	B54367	0.20	<.03	wy sil'd+ser'd w 5% chl-sil fract's@42-75		
BZ11-38	105.20	106.00	B54369	0.80	<.03			
BZ11-38	106.00	107.00	B54370	1.00	0.480	wy sil'd locy; ser'd; 8% cse d py@14		
BZ11-38	107.00	108.00	B54371	1.00	0.206	15% chl fract's w 10% cse d py; 15% q-ank-all@41		
BZ11-38	108.00	109.10	B54372	1.10	0.206	15% chl fract's w 10% cse d py; 25% q-ank-all@41		
BZ11-38	109.10	110.00	B54373	0.90	0.137	15% chl fract's w 10% cse d py; 15% q-ank-all@41		
BZ11-38	110.00	111.25	B54374	1.25	<.03	5% q-ank; 5% chl fract's; 5% cse d py+vn py		
BZ11-38	111.25	112.60	B54375	1.35	0.137	10% q-ank; 10% chl fract's; 10% cse d py+vn py; 0.1m 70% q-ank-pa gy qv's to 1/8"@39		
BZ11-38	112.60	113.80	B54376	1.20	0.069	15% chl fract's w 10% cse d py; 15% q-ank-all@41		
BZ11-38	113.80	114.60	B54377	0.80	0.343	0.3m 30% 1/8"-3/4" med-dk gy sil-chl myl vn's+ 50% cse py vn's@24; one myl-1/2"- w 10% f d py is well min'd; ct		
BZ11-38	114.60	115.80	B54379	1.20	0.891	fresh		
BZ11-38	115.80	116.90	B54380	1.10	0.686	3/4" primary 80% cse py bed@32		
BZ11-38	116.90	118.10	B54381	1.20	<.03			
BZ11-39	37.00	37.80	B54291	0.80	<.03	sil-chl fract's to 1/4" @5-15 w 8% cse d py		
BZ11-39	41.95	42.70	**B54315**	0.75	<.03			
BZ11-39	42.70	43.35	**B54316**	0.65	<.03	1/4"-1/2" med gy qv w 10% cse+f d py@18		
BZ11-39	43.35	44.50	**B54317**	1.15	<.03			

Hole_ID	From	To	Sample_#	Length	Au ppm	Description	Au ppm_ck	Au ppm-ck2
BZ11-39	51.30	52.40	B54292	1.10	0.411	2* 1/8" 50% cse py vn's@25		
BZ11-39	52.40	53.35	B54293	0.95	<.03			
BZ11-39	53.35	54.25	B54294	0.90	<.03	0.15m 30% cse d+vn py@56 in wy sil'd		
BZ11-39	54.25	54.85	B54295	0.60	<.03	5-8% cse d py locy conc		
BZ11-39	54.85	55.75	B54296	0.90	<.03	3/4" disc+ 1/4" 40% cse py vn's@55; 0.2m 20% cse d py; ct; flt str		
BZ11-39	55.75	57.00	B54297	1.25	<.03	70% sil-chl w 20% cse d py+20% q-ank		
BZ11-39	57.00	58.30	B54298	1.30	<.03	40% sil-chl+15% cse d py+5% q-ank		
BZ11-39	58.30	59.45	B54299	1.15	<.03	30% sil-chl+15% cse d py		
BZ11-39	59.45	60.60	B54300	1.15	<.03	50% sil-chl+15% cse d py		
BZ11-39	60.60	61.75	B54301	1.15	<.03	3% q-ank; gn		
BZ11-39	61.75	62.50	B54302	0.75	<.03	0.05m blue-gy sil-chl vn w 10% cse d py		
BZ11-39	62.50	63.75	B54303	1.25	<.03	5% sil-chl+5% cse d py		
BZ11-39	63.75	65.00	B54304	1.25	<.03	15%cse d py		
BZ11-39	65.00	66.40	B54305	1.40	0.686	10% cse d py; GC-hily bl'd-likely flt; 1" sil'd chl-ser w 20% cse d py@43		
BZ11-39	66.40	67.85	B54306	1.45	0.549	3-4% cse d py; ct; 8% q-ank		
BZ11-39	67.85	69.30	B54307	1.45	0.206			
BZ11-39	69.30	70.45	B54309	1.15	<.03			
BZ11-39	70.45	71.85	B54310	1.40	0.411	1/4" chl-sil vn w 10% cse d py@24		
BZ11-39	71.85	72.70	B54311	0.85	0.823			
BZ11-39	72.70	73.60	B54312	0.90	2.812	10% q-ank; 50% blue-gy sil-chl-qtz vn w 25% cse d py+3/4" vn py-all@27	2.469	3.154
BZ11-39	73.60	74.20	B54314	0.60	5.006	1/8"+3/4" wt qv to chl-sil vn's@25 w 25% cse d py-well min'd; 5% cse d py otherwise	3.977	6.034
BZ11-39	74.20	75.10	B54318	0.90	0.686			
BZ11-39	75.10	76.45	B54319	1.35	1.269	5% cse d py; becomes wy-mody sil'd	1.166	1.371
BZ11-39	76.45	77.80	B54320	1.35	0.411			
BZ11-39	77.80	79.25	B54321	1.45	<.03	5% chl-sil fract's@40 w 5% cse d py		
BZ11-39	79.25	80.55	B54322	1.30	0.137	8% cse d py		
BZ11-39	80.55	81.70	B54323	1.15	<.03	5% q-ank		
BZ11-39	81.70	82.65	B54324	0.95	0.137			
BZ11-39	82.65	83.60	B54325	0.95	2.606	1/2"+0.15m+0.15m blue-grey qv-sil-chl vn's w 35% cse d py+ 50% q-ank@32-55; Robert Vn?	2.606	2.606
BZ11-39	83.60	84.25	B54327	0.65	1.577	3/4" chl-sil vn w 30% cse d py@42	1.097	2.057
BZ11-39	84.25	85.15	B54328	0.90	1.063	3/4" chl-sil vn w 30% cse d py@42	1.029	1.097
BZ11-39	85.15	86.20	B54329	1.05	0.686	5% q-ank+5% cse d py@30		
BZ11-39	86.20	86.80	B54330	0.60	0.411	1/4" chl-sil vn w 30% cse d py@26		
BZ11-39	86.80	87.90	B54331	1.10	0.069			
BZ11-39	105.00	106.20	B54332	1.20	<.03	6% cse d py; ct in BC-0.2m		
BZ11-39	106.20	107.00	B54333	0.80	0.069	6% cse d py		
BZ11-39	111.70	113.00	B54334	1.30	<.03	5% cse d py		
BZ11-40	29.85	30.80	B54204	0.95	<.03	1" dull wt q-ank vn w 10% cse d py assd w med gy sil@54		
BZ11-40	38.00	39.00	B54205	1.00	<.03	1/2" ser vn imm prec by 3/4" 30% cse d py@40		
BZ11-40	39.00	40.10	B54206	1.10	<.03	ct; 5% cse d + bleb py		
BZ11-40	40.10	41.00	B54207	0.90	<.03	locy wy sil'd; 50% dk gy sil-chl w 10% cse d py		
BZ11-40	41.00	42.50	B54208	1.50	<.03	locy wy sil'd; 50% dk gy sil-chl w 10% cse d py		
BZ11-40	42.50	44.00	B54209	1.50	<.03	locy wy sil'd; 50% dk gy sil-chl w 10% cse d py		
BZ11-40	44.00	45.50	B54210	1.50	<.03	locy wy sil'd; 50% dk gy sil-chl w 10% cse d py		
BZ11-40	45.50	47.00	B54212	1.50	<.03	15% dk gy sil-chl w 10% cse d py		
BZ11-40	47.00	48.50	B54213	1.50	<.03	15% dk gy sil-chl w 10% cse d py		
BZ11-40	48.50	49.45	B54214	0.95	<.03	15% dk gy sil-chl w 10% cse d py		
BZ11-40	49.45	50.25	B54215	0.80	<.03	15% dk gy sil-chl w 10% cse d py; ser'd locy; 15% q-ank vn's to 1"		
BZ11-40	50.25	51.50	B54216	1.25	<.03	15% dk gy sil-chl w 10% cse d py; ser'd locy; 5% q-ank vn's to 1/8";0.05m hilysil'd w 15% cse d py		
BZ11-40	51.50	52.60	B54217	1.10	0.411	30% dk gy sil-chl w 10% cse d py; ser'd locy; 15% q-ank vn's to 1"		
BZ11-40	52.60	53.60	B54218	1.00	0.274	90% dk gy sil-chl w 20% cse d py; 5% q-ank vn's to 1/8"		
BZ11-40	53.60	54.60	B54219	1.00	1.5085	v. str 3/4" clay gouge imm prec by 0.1m mody sil'd w 50% q-ank+ 15% cse bleb cp- imm prec by wy sil'd 30% chl-sil+10% cse d py; imm foll by pa olive gn argillite	2.057	0.960

Hole_ID	From	To	Sample_#	Length	Au ppm	Description	Au ppm_ck	Au ppm-ck2
BZ11-40	54.60	55.55	B54221	0.95	0.069	15% dk gy sil-chl w 10% cse d py		
BZ11-40	55.55	56.70	B54222	1.15	0.549	30% dk gy sil-chl w 10% cse d py; 1" 70% cse primary?py vn@41 on ct		
BZ11-40	56.70	58.10	B54223	1.40	0.617	5-8% cse d py; 5% q-ank		
BZ11-40	58.10	59.60	B54224	1.50	0.069			
BZ11-40	59.60	60.65	B54225	1.05	0.549	5% dk gy sil-chl w 10% cse d py locy conc; locy sil'd wy; 5% q-ank		
BZ11-40	60.65	61.60	B54226	0.95	0.343	0.1m chl fract's-65% w sil+10% cse d py		
BZ11-40	61.60	62.40	B54227	0.80	0.206	5% cse d py; 5% q-ank		
BZ11-40	62.40	63.30	B54228	0.90	0.274	5% cse d py		
BZ11-40	63.30	64.80	B54229	1.50	0.617	5% cse d py		
BZ11-40	64.80	66.55	B54230	1.75	0.549			
BZ11-40	66.55	67.70	B54231	1.15	0.549			
BZ11-40	67.70	69.10	B54232	1.40	<.03			
BZ11-40	69.10	70.60	B54233	1.50	<.03			
BZ11-40	70.60	72.00	B54234	1.40	0.137			
BZ11-40	72.00	73.50	B54235	1.50	0.480			
BZ11-40	73.50	74.75	B54237	1.25	0.411	to 47.0-20% pa gy sil'n w 8% cse d vpy@34; from 47.0-40% dk gy hily sil'd-chl vn's@48-56 w 1% cse+2% f d py		
BZ11-40	74.75	75.60	B54239	0.85	1.097	40% dk gy hily sil'd-chl vn's@48-56 w 1% cse+2% f d py	1.234	0.960
BZ11-40	75.60	76.40	B54240	0.80	0.480	1/2"+1/8" sil-chl vn's w 10% cse d py@40		
BZ11-40	76.40	77.80	B54241	1.40	0.823	1/4" 50% cse py vn@62; last 0.15m w 50% dull wt qtz245 w 5% cse d py		
BZ11-40	80.60	81.70	B54242	1.10	0.411	8% cse d py; 5% chl fract's w 10% cse d py; test sample-if it runs, sample more		
BZ11-40	90.65	91.40	B54243	0.75	<.03			
BZ11-40	91.40	92.10	B54244	0.70	0.069	0.25m bull dull wt qtz-2% py@40 imm foll by 0.2m med-dk gy q frag's gen@55 w 2% cse d py		
BZ11-40	92.10	93.25	B54245	1.15	0.343			
BZ11-40	93.25	94.20	B54246	0.95	0.206			
BZ11-40	94.20	95.00	B54247	0.80	0.343	mody sil'd w 5% cse d py+10% dull wt bull qtz@62 w 2% cse d py		
BZ11-40	95.00	96.10	B54248	1.10	<.03	0.1m med gy bull qtz-sil@43 ; 5% cse d py		
BZ11-40	104.10	105.10	B54249	1.00	0.960	2* 1/8"-1/4" chl-sil vn's w 30% cse d py@40		
BZ11-40	107.40	108.25	B54250	0.85	0.206	3* 1/8" sil vn's w 20% cse d py@42		
BZ11-40	108.25	109.00	B54251	0.75	0.137	1/2" pa gy qv@31 w c2% f d py; 1/4" 50% cse py vn @32		
BZ11-40	118.80	119.55	B54252	0.75	0.069	1% f d py; 1" bl'd hily pk @80		
BZ11-40	125.30	126.10	B54253	0.80	<.03	wy sil'd @45; 5% cse d py		
BZ11-40	126.10	127.20	B54254	1.10	0.137	3/4" pk q-ank @46 w ser-chl+2% cse d py		
BZ11-40	127.20	128.00	B54255	0.80	0.206			
BZ11-40	132.50	133.65	B54256	1.15	0.069	1/2" disc 30% cse py vn@52-wy bl'd		
BZ11-40	139.90	140.50	B54257	0.60	<.03	1/2" med gy qv w 5% f+ 5% cse d py in 0.1m mody bl'd@54		
BZ11-40	140.50	141.50	B54258	1.00	<.03			
BZ11-40	141.50	142.30	B54260	0.80	0.069	mody bl'd; 1/2" med gy qv w 5% f+ 5% cse d py@73		
BZ11-40	142.30	143.70	B54261	1.40	<.03	3% chl fract's; 1/2" 20% cse d py@49		
BZ11-40	143.70	145.05	B54262	1.35	0.069	ct; 10-15% chl fract's locy wy sil'd; 10% cse d+ vn py		
BZ11-40	145.05	146.50	B54263	1.45	<.03	5% chl-sil fract's w 5% cse d py; gn		
BZ11-40	146.50	148.20	B54264	1.70	0.069	2% chl-sil fract's w 5% cse d py; gn		
BZ11-40	148.20	149.00	B54265	0.80	<.03	hily bl'd; wy sil'd; 10% sil-30% cse py vn's@50-75		
BZ11-40	149.00	149.60	B54266	0.60	<.03	hily bl'd; wy sil'd; 10% sil-30% cse py vn's@50-75; 10% q-ank		
BZ11-40	149.60	150.50	B54268	0.90	<.03	gn again; 20% q-ank; hily shr'd; peak alt'n; 0.05m 40% cse py@44; 15% cse d py overall		
BZ11-40	150.50	151.80	B54269	1.30	<.03	flt imm foll by 1" vuggy hily ox'd q-ank; 15% q-ank+cse d py overall		
BZ11-40	151.80	153.30	B54270	1.50	<.03	fresher, finer-chill zone?		
BZ11-40	153.30	154.00	B54271	0.70	<.03	v hily sil'd; 2* 1" med -dk gy qtz@36 w 1/2" 70% cse py vn's		
BZ11-40	154.00	155.00	B54272	1.00	<.03	5% cse d py		
BZ11-40	155.00	156.50	B54273	1.50	<.03	5% cse d py		
BZ11-40	156.50	158.00	B54274	1.50	0.206	10% cse d py		
BZ11-40	171.50	172.70	B54275	1.20	0.343	10% cse d py; 1" q-ank vn@50		
BZ11-40	178.90	180.45	B54276	1.55	0.137	10% cse d py		
BZ11-40	180.45	181.90	B54277	1.45	0.274	10% cse d py; locy sil'd; locy ser-chl; shr ser-chl-hily ox'd-dk gy sil@45 w 2% f d py		

Hole_ID	From	To	Sample_#	Length	Au ppm	Description	Au ppm_ck	Au ppm-ck2
BZ11-40	195.60	196.25	B54278	0.65	<.03	pa gn		
BZ11-40	196.25	197.65	B54279	1.40	3.909	60% med gy; hily sil'd; 5-8% cse d py; 10% q-ank vn's@45+110	4.457	3.360
BZ11-40	197.65	198.30	B54280	0.65	0.137	all med gy; hily sil'd; 5-8% cse d py; 10% q-ank vn's@45+110		
BZ11-40	198.30	199.10	B54281	0.80	<.03	pa gn		
BZ11-40	199.10	200.00	B54282	0.90	<.03	1"-1/4" hily sil'd@51 w 50% cse py		
BZ11-40	200.00	200.90	B54283	0.90	<.03			
BZ11-40	200.90	202.00	B54285	1.10	<.03			
BZ11-40	202.00	203.00	B54286	1.00	0.823	bx brought in w shrp sil ct@22 w 10% f+15% cse d py for 0.05m imm foll by 0.4m 5% f d py		
BZ11-40	203.00	204.25	B54287	1.25	0.549	bx; 3% f d py		
BZ11-40	204.25	204.90	B54288	0.65	<.03	bx; 3% f d py; ser'd; 30% q-ank blebs-some boudins; ends shrp@33		
BZ11-40	204.90	206.00	B54290	1.10	0.069			
BZ11-41	3.60	5.00	C0001	1.40	<.03	1-2% diss py as replacement in matrix; two <1 mm carb frac's at 10 deg TCA		
BZ11-41	5.00	6.50	C0002	1.50	0.069	1-3% diss py in matrix and in weak non pentrative frac's <2mm wide at 10 to 30 deg TCA		
BZ11-41	6.50	8.00	C0003	1.50	0.137	1-2% diss py as replacement in matrix; weak non penetrative frac's <2mm wide at 20 deg TCA		
BZ11-41	8.00	9.50	C0004	1.50	0.069	at 8.2m 0.75 cm wide carb + qtz vn at 25 deg TCA with fg py; overall 1% py		
BZ11-41	9.50	10.50	C0005	1.00	0.343	weak frac'ing with lt grey qtz at 0 deg TCA and 70 deg TCA; <1% py		
BZ11-41	10.50	11.20	C0006	0.70	<.03	weak frac'ing with lt grey qtz at 0 deg TCA and 70 deg TCA; <1% py		
BZ11-41	11.20	12.00	C0007	0.80	0.480	mod frac'ing at 15 and 50 deg TCA with py between 11.4 to 11.8m overall 2-3% py		
BZ11-41	12.00	13.50	C0008	1.50	0.137	weak penetrative and non-penetrative frac'ing with <1% py		
BZ11-41	13.50	14.50	C0009	1.00	0.069	13.5 to 17.3m moderately strong, coeval hairline frac'ing with black mineral, minor py and grey qtz at variable conjugate angles, overall 1-3% py		
BZ11-41	14.50	15.50	C0011	1.00	<.03	see description for 13.5 to 14.5m		
BZ11-41	15.50	16.50	C0012	1.00	0.343	see description for 13.5 to 14.5m		
BZ11-41	16.50	17.30	C0014	0.80	0.754	see description for 13.5 to 14.5m		
BZ11-41	17.30	18.20	C0015	0.90	0.069	weak frac'ing; <1% py		
BZ11-41	18.20	19.00	C0016	0.80	1.612	18.35m probable wk Flt at 50 deg TCA; 18.6 hairline frac with black mineral + py at 20 deg TCA	1.714	1.509
BZ11-41	19.00	20.50	C0017	1.50	0.891	weak frac'ing; <1% py		
BZ11-41	20.50	22.00	C0018	1.50	0.274	3-5% diss py + black metallic mineral - black streak in matrix and in frac's at 20 and 50 deg TCA, weak frac'ing		
BZ11-41	22.00	22.50	C0019	0.50	2.400	22.2 to 22.3m localized shear at 35 to 40 deg TCA with grey - mo - qtz with 3-5% py in frac's + qtz+ dol vn'ing; other narrow frac's with py	1.851	2.949
BZ11-41	22.50	24.00	C0020	1.50	0.823	22.6m 0.25 cm py+qtz vn at 45 deg TCA; weak to mod frac'ing with py; overall 1-3% py		
BZ11-41	24.00	25.50	C0021	1.50	0.754	weak frac'ing; <1% py		
BZ11-41	25.50	26.40	C0022	0.90	0.617	weak frac'ing; <1% py		
BZ11-41	26.40	27.50	C0023	1.10	0.891	at 26.43m slip-flt at 65 deg TCA; wea slip frac's at 26.9 and 27 at 55 to 60 deg TCA with py; overall 1% py		
BZ11-41	*27.50*	*28.20*	*C0025*	*0.70*	1.200	*27.5 to 27.7m grey sil alt'n with o.1 to 0.25 cm py vn's at 40 to 45 deg TCA in localized shear; 28 to 28.16m 10 cm wide grey qtz mo vn with py at 50 to 60 deg TCA with adjacent qtz+dol vn with 3-5% black metallic mineral*	1.166	1.234
BZ11-41	28.20	29.50	C0027	1.30	1.474	weak frac'ing with occasional 1 to 2cm wide grey qtz alt'n - vn'ing at 60 deg TCA; overall 1-2% py	1.577	1.371
BZ11-41	29.50	30.00	C0028	0.50	1.475	1-2mm wide grey vnlets; <1% py	1.509	1.440
BZ11-41	30.00	31.10	C0029	1.10	0.960	multiple qtz vn's 1mm to 0.5 cm wide at 45 to 60 deg TCA sometimes with py; overall 1-4% py		
BZ11-41	31.10	31.60	C0030	0.50	2.777	weak frac'ing; <1% py	2.194	3.360
BZ11-41	31.60	32.40	C0031	0.80	3.635	moderate frac'ing adjacent to stronger localized shear; grey qtz vn'ing and white qtz+dol v'ing; 1-2% py	3.703	3.566
BZ11-41	**32.40**	**32.90**	**C0032**	**0.50**	6.240	**5-7% diss anhedral py, strong shear frac's at 50 and 80 deg TCA, grey qtz vn'ing + white qtz+dol vn'ing + py mineralization appears to be later episode, grey colour qtz due to mo?**	6.240	6.240
BZ11-41	**32.90**	**33.60**	**C0034**	**0.70**	2.229	**as with 32.4 to 32.9m 8-10% diss anhedral py; sil alt'n**	2.331	2.126
BZ11-41	**33.60**	**34.40**	**C0035**	**0.80**	1.166	**34 to 34.4m strong brittle frac'ing with dk qtz + bx with py in occasional frac's + vn's; overall 3-5% py**	1.234	1.097
BZ11-41	34.40	35.00	C0036	0.60	0.823	at 34.8m 3 cm wide grey qtz vn with qtz+dol vm at 45 deg TCA with minor py		
BZ11-41	35.00	36.00	C0037	1.00	1.406	at 35.8m 4cm wide py +grey sil band afdjacent to a calcite+qtz slip; overall 1% py	1.440	1.371
BZ11-41	36.00	36.80	C0038	0.80	0.891	weak frac'ing; tr py		

Hole_ID	From	To	Sample_#	Length	Au ppm	Description	Au ppm_ck	Au ppm-ck2
BZ11-41	36.80	37.50	C0039	0.70	3.566	36.9m 3cm wide grey qtz slips with 5-7% py at 55 to 60 deg TCA; 37.3 to 37.4m 5 cm wide localized shear at 45 to 50 deg TCA with 5-8% diss py	3.703	3.429
BZ11-41	37.50	38.20	C0040	0.70	0.823	37.8m slip with grey sil +qtz at 40 deg TCA; overall 1% diss py		
BZ11-41	38.20	39.20	C0041	1.00	0.274	38,5 to 39.3m increase in frac'ing <2mm wide with py; from 32.85 to 39.1m dk grey sil+qtz (mo) with 1-3% diss py - section is also oxy'd - rusty colour- by water through slips + slip flts at 45 to 65 deg TCA		
BZ11-41	39.20	40.80	C0042	1.60	<.03	frac'ing quickly weakens; occasional hairline frac with 1% py overall		
BZ11-41	40.80	42.50	C0043	1.70	<.03	negl frac'ing, although weak fol'n fabric; tr py		
BZ11-41	42.50	44.00	C0044	1.50	<.03	at 43.1 1mm qtz+calcite vn at 45 deg TCA; tr py		
BZ11-41	44.00	44.50	C0045	0.50	<.03	tr py		
BZ11-41	46.30	47.00	C0046	0.70	<.03	hairline frac's with black mineral at 20 to 25 deg TCA		
BZ11-41	47.00	48.50	C0047	1.50	<.03	47.9 to 48.3m fuchsite flecs, possible xeno's with py on margins 1-2% diss py		
BZ11-41	50.30	51.60	C0049	1.30	<.03	<5% white qtz+dol vn'ing with 1% diss py in matrix and in minor frac's		
BZ11-41	54.00	54.50	C0050	0.50	<.03	as above		
BZ11-41	57.00	58.50	C0051	1.50	<.03	weak frac'ing with minor diss py <1%		
BZ11-41	58.50	59.10	C0052	0.60	1.200	5cm wide qtz-carb+grey qtz at 60 deg TCA adjacent to probable flt-slip at 58.7 to 58.8m; 1.5cm wide qtz+dol vn at 45 deg TCA with 1-2% Py	1.097	1.303
BZ11-41	59.10	60.30	C0053	1.20	<.03	weak frac'ing with grey sil; negl py		
BZ11-42	5.10	6.00	C0054	0.90	1.371	5% cse d py; 1/4" sil-ser vn-@48	1.371	1.371
BZ11-42	28.15	29.15	C0055	1.00	<.03	5% cse d py locy conc in clots		
BZ11-42	29.15	30.55	C0056	1.40	0.137	0.05m wy shr'd+ox'd@57 w 10% cse d py; wy bl'd; 5% ank		
BZ11-42	30.55	31.85	C0057	1.30	0.137			
BZ11-42	31.85	33.55	C0058	1.70	1.234		1.234	1.234
BZ11-42	33.55	34.85	C0059	1.30	0.411			
BZ11-42	34.85	35.80	C0060	0.95	0.891	0.05m wy shr'd+ox'd@57 w 10% cse d py; wy bl'd; 5% ank		
BZ11-42	35.80	37.20	C0061	1.40	0.069			
BZ11-42	37.20	38.30	C0062	1.10	0.411			
BZ11-42	38.30	39.40	C0063	1.10	1.577	ox'd BC @39.0-39.2	1.714	1.44
BZ11-42	39.40	40.30	C0064	0.90	0.754	0.2m med gy hily sil'd q flooded w 20% q-ank+10% cse d py@33		
BZ11-42	40.30	41.55	C0065	1.25	0.549	30% sil'd mody@30 w 4% cse d py locy conc on q-ank		
BZ11-42	41.55	42.35	C0066	0.80	0.891	0.2m dull wt-pa gy qv@37 w 20% cse d py locy conc; 5% dk gy; posy Perreault vn		
BZ11-42	42.35	43.55	C0068	1.20	0.480			
BZ11-42	43.55	44.50	C0069	0.95	0.617			
BZ11-42	44.50	45.70	C0071	1.20	0.960	2* 0.05m med gy hily sil'd w 15% cse d py+ 1" wt qv on latter@45+40; 50% hily sil'd		
BZ11-42	45.70	47.20	C0072	1.50	0.206			
BZ11-42	47.20	48.20	C0073	1.00	1.509	all hily sil'd dk-med gy ending on 1/8" gouge flt; 10-15% cse+5% f d py; 5% dull wt qv's+q-ank vn's to 1/4"; all@44; 0.1m BC @47.8-47.9 posy w flt; Perreault Vn	1.509	1.509
BZ11-42	48.20	49.00	C0075	0.80	0.411	20% mody sil'd		
BZ11-42	49.00	49.95	C0076	0.95	0.411			
BZ11-42	49.95	51.30	C0077	1.35	0.274			
BZ11-42	51.30	52.50	C0078	1.20	0.274	2* 0.1m ox'd w sil'n+5% cse d py@45		
BZ11-42	52.50	53.70	C0079	1.20	0.206	5* 0.1m ox'd w sil'n+5% cse d py@45		
BZ11-42	53.70	54.85	C0080	1.15	0.206			
BZ11-42	54.85	55.75	C0081	0.90	0.137	10% q-ank+5% sil'd@50 w 3% cse d py		
BZ11-43	23.50	24.00	B54382	0.50	<.03	1/4" chl-sil dk gn w 2% f d py@27 (if not boulder)		
BZ11-43	36.20	37.00	B54383	0.80	<.03	at least 1" BC w vuggy dull wt qv w 5% chl fra's-no py		
BZ11-43	42.50	43.50	B54384	1.00	<.03	0.2m dull wt q-ank @43 bullish imm foll by 10% spec on fract's @15; 0.15m at least 1/2" blk chl zone w 30% spec does not cross core		
BZ11-43	43.50	44.30	B54385	0.80	<.03	10% epi; 5% magn;		
BZ11-43	44.30	45.30	B54386	1.00	<.03	30% epi; 5% magn; 3% mala along ox'd clear+wt qtz fract's@28; 5% leuco		
BZ11-43	45.30	46.40	B54387	1.10	<.03	10% epi; 5% magn; 1/2" wt vuggy qv w 10% spec+1" epi vn+ ox'd blebs@25; 2% magn		
BZ11-43	46.40	47.50	B54388	1.10	0.206	10% epi; 5% magn; 1/8" wt qv@63; 3/4" bull vuggy wt qv@15		
BZ11-43	47.50	48.75	B54389	1.25	<.03	10% epi; 5% magn		
BZ11-43	48.75	49.70	B54390	0.95	<.03	10% epi; 5% magn; 1/2"bull wt qv@40; 5% ox'd		

Hole_ID	From	To	Sample_#	Length	Au ppm	Description	Au ppm_ck	Au ppm-ck2
BZ11-43	58.30	59.05	B54392	0.75	<.03	0.15m se-epi vn centred on vuggy 1/8" qv @41-rare py		
BZ11-43	63.10	64.10	B54393	1.00	<.03	20% epi@35-45		
BZ11-43	64.10	65.00	B54394	0.90	<.03	1/2" wt qv on flt w 3% mala@44; BC w another at least 1/4" qv		
BZ11-43	67.30	68.20	B54395	0.90	<.03	1" wt qv vuggy w 2% cp blebs-qv@18		
BZ11-43	71.60	72.60	B54396	1.00	<.03	1.0 C.L. wt bull qv@15 is folding-posy 0.2m-no py		
BZ11-43	79.00	80.00	B54397	1.00	<.03	flt imm prec by 1" q-ank-no py		
BZ11-43	80.00	81.10	B54398	1.10	<.03	2* 1/4" med gy qv's w 3% cp+15% cse d py+ in 1" epi@20		
BZ11-43	81.10	82.55	B54399	1.45	<.03	1/4" wt qv w 2% cse d py@28		
BZ11-43	82.55	83.95	B54400	1.40	<.03			
BZ11-43	83.95	84.60	B54401	0.65	<.03	3/4" 40% cse py vn@36; 0.1m epi-q-ank w 3% cse d py@49		
BZ11-43	84.60	85.40	B54402	0.80	0.137	0.1m BC w ox'd q-ank-chl fract's@5-10 w 25% cse d py		
BZ11-43	89.20	90.35	B54403	1.15	0.137	ox'd fract@5 w up to 3/4" vuggy wt qv w 5% spec		
BZ11-43	90.50	91.50	B54404	1.00	0.069	0.05m epi w 1/8" ox'd vn@32 + w 3% mala		
BZ11-43	96.50	97.70	B54405	1.20	<.03	1/8" 70% cse py vn@45; 0.2m wy shr'd chl-ser@58 w 3% cse d py; 1/4" wt qv w3% cp@62		
BZ11-43	100.05	100.80	B54406	0.75	0.069	0.05m epi w 1/8" 50% cse py vn@49		
BZ11-43	104.10	104.90	B54407	0.80	<.03	0.05m vuggy q-ank-epi w 20% spec@45		
BZ11-43	106.00	106.90	B54408	0.90	<.03	0.1m vuggy q-ank-epi w 20% spec@45		
BZ11-43	111.50	112.35	B54409	0.85	<.03	1/4" 50% cse py vn@46		
BZ11-43	112.35	113.20	B54410	0.85	0.069	ct imm prec by 0.05m q-ank-ser vn w 10% cse d py@62		
BZ11-43	113.20	113.90	B54412	0.70	<.03			
BZ11-43	113.90	115.20	B54413	1.30	0.069	mody bl'd w 5% f d py		
BZ11-43	115.20	116.15	B54414	0.95	0.411	ct		
BZ11-43	116.15	117.55	B54415	1.40	0.069			
BZ11-43	117.55	119.00	B54416	1.45	0.549	locy wy bl'd w 5% q-ank+ 2-3% cse d py		
BZ11-43	119.00	120.20	B54417	1.20	0.069			
BZ11-43	128.20	128.90	B54419	0.70	<.03	1/4" vuggy bull q-ank vn in 1" mody hem'd@32		
BZ11-43	130.40	131.40	B54420	1.00	<.03	ct; hily bl'd		
BZ11-43	137.65	138.90	B54421	1.25	<.03	5% chl-sil fract's w 5% cse py@45; hily bl'd		
BZ11-43	138.90	139.90	B54422	1.00	<.03	5% chl-sil fract's w 5% cse py@45; hily bl'd		
BZ11-43	139.90	141.00	B54423	1.10	0.069	5% chl-sil fract's w 5% cse py@45; hily bl'd		
BZ11-43	141.00	141.95	B54424	0.95	<.03	5% chl-sil fract's w 5% cse py@45; hily bl'd; 0.2m w 30% dk gy q str's w 10% spec+3% cse d py@51		
BZ11-43	141.95	143.20	B54425	1.25	<.03	1% chl-sil fract's w 5% cse py@45; hily bl'd		
BZ11-43	143.20	144.50	B54426	1.30	0.069	1% chl-sil fract's w 5% cse py@45; hily bl'd		
BZ11-43	144.50	145.60	B54427	1.10	0.069	5% chl-sil fract's w 5% cse py@45; hily bl'd; 5% med-dk gy q str's @48 w5% f d py; ser'n		
BZ11-43	145.60	146.50	B54428	0.90	1.612	massive dk gy -wt qv@35 w 40% cse d py+5% steely gy-spec/moly/graph? Xl's; py-brassy;	1.714	1.509
BZ11-43	146.50	147.15	B54430	0.65	0.617	0.2m por, then 0.2m dk gy-med gy qv w 20% cse d py+ 10% gy spec?-@39		
BZ11-43	147.15	148.20	B54431	1.05	0.274	5% chl-sil fract's w 5% cse py@45; hily bl'd; 5% med-dk gy q str's @48 w5% f d py; ser'n		
BZ11-43	148.20	149.40	B54432	1.20	0.686	5% chl-sil fract's w 5% cse py@45; hily bl'd		
BZ11-43	149.40	150.40	B54433	1.00	0.137	5% chl-sil fract's w 5% cse py@45; hily bl'd		
BZ11-43	150.40	151.75	B54434	1.35	0.274	3% cse d py		
BZ11-43	151.75	152.70	B54435	0.95	0.137	3% cse d py		
BZ11-43	152.70	153.50	B54436	0.80	2.914	3/4" 70% cse py+5% cp vn@45	2.811	3.017
BZ11-43	153.50	154.05	B54437	0.55	0.617	1/4" med gy qv w 10% cse d py@50 imm prec by 1" ser'n+sil'd		
BZ11-43	154.05	155.10	B54438	1.05	0.343	5% chl-sil fract's w 5% cse py@45; hily bl'd; 15% med-dk gy q str's @45 w5% f d py; ser'n		
BZ11-43	155.10	155.95	B54439	0.85	0.069	1/4" dk gy qv@45 w 2% f d py		
BZ11-43	155.95	157.40	B54441	1.45	0.206	5% chl-sil fract's w 5% cse py@45; hily bl'd		
BZ11-43	157.40	158.60	B54442	1.20	<.03	5% chl-sil fract's w 5% cse py@45; hily bl'd		
BZ11-43	158.60	160.00	B54443	1.40	0.069	5% chl-sil fract's w 5% cse py@45; hily bl'd		
BZ11-43	160.00	161.15	B54444	1.15	<.03	shr'd wy@58		
BZ11-43	161.15	162.40	B54445	1.25	<.03			
BZ11-43	172.25	173.70	B54446	1.45	<.03	mody bl'd; ser'd wy; 5% q-ank @10 w 2% cse d py		
BZ11-43	181.60	183.00	B54447	1.40	<.03	bl'd		
BZ11-43	187.30	188.00	B54448	0.70	<.03	bl'd		

Hole_ID	From	To	Sample_#	Length	Au ppm	Description	Au ppm_ck	Au ppm-ck2
BZ11-43	188.00	188.90	B54449	0.90	<.03	5% chl-sil fract's w 25% cse py@69; hily bl'd		
BZ11-43	188.90	189.60	B54450	0.70	<.03	1/8"-3/4" dk gy chl-sil vn@43		
BZ11-43	189.60	190.30	B54452	0.70	<.03			
BZ11-43	198.80	200.00	B54453	1.20	<.03	bl'd wy; rare chl fract's; 1% cse d py locy conc		
BZ11-43	200.00	200.80	B54454	0.80	0.4800	0.1m hily bl'd, wy sil'd w 1" pk carb-chl vuggy vn w 20% cse d py sim to Blue Vn zone@65 prec by 1/8" chl-sil vn's w 10% cse d py		
BZ11-43	200.80	201.45	B54456	0.65	<.03			
BZ11-43	201.45	202.65	B54457	1.20	0.411			
BZ11-43	202.65	203.50	B54458	0.85	0.069	1" ser zone wy sil'd w 5-8% cse d py@45		
BZ11-43	203.50	204.50	B54459	1.00	<.03			
BZ11-43	206.30	207.70	B54460	1.40	0.069	hily bl'd; 5-6% cse d py; mody fol'd		
BZ11-43	221.00	222.00	B54461	1.00	<.03	0.1m q-ank-ser-chl vn imm foll by flt		
BZ11-43	226.30	227.80	B54462	1.50	<.03			
BZ11-43	227.80	228.90	B54463	1.10	<.03	0.1m bull med gy-dk gn sil flood@40 imm foll by 0.4m sil'd hily w flt+8% f+3% cse d py imm foll by another flt imm foll by 8% cse d py		
BZ11-43	228.90	230.00	B54465	1.10	<.03	8% cse d py		
BZ11-43	230.00	230.80	B54466	0.80	<.03	12% cse d py in chl-ser shr'd wy zone@50		
BZ11-43	230.80	232.00	B54467	1.20	<.03	ct; 8% cse d py		
BZ11-43	232.00	232.05	B54468	0.05	0.206			
BZ11-43	235.80	236.80	B54469	1.00	0.137	0.05m wy hem'd w 5% cse d py@33-posy fel rib		
BZ11-43	237.00	237.70	B54470	0.70	0.480	wy hem'd w 5% cse d py; @47		
BZ11-43	243.00	244.00	B54471	1.00	<.03	0.1m wy hem'd w 5% cse d py@50-posy fel rib		
BZ11-43	244.00	245.90	B54472	1.90	<.03	wy hem'd		
BZ11-43	245.90	246.80	B54473	0.90	0.206	8% cse d py		
BZ11-43	251.30	252.20	B54474	0.90	0.137	10% cse d py		
BZ11-43	252.20	253.15	B54475	0.95	<.03			
BZ11-44	19.30	19.80	B29804	0.50	<.03	BC w at least 1" 5% cse d py posy @30		
BZ11-44	28.65	29.80	B29805	1.15	<.03	ct		
BZ11-44	35.00	36.00	B29806	1.00	<.03	ct		
BZ11-44	44.10	44.70	B29807	0.60	0.823	0.1m bone wt sil vn w 1/2" 30% cse py both sides@42		
BZ11-44	51.35	52.30	B29808	0.95	0.480	0.2m bull q-ank vn@40		
BZ11-44	61.05	61.70	B29809	0.65	<.03	3/4" bull wt qv@82		
BZ11-44	62.00	63.20	B29811	1.20	1.612	5* 1/8" 50% cse py vn's@72	1.714	1.509
BZ11-44	63.20	64.05	B54865	0.85	0.549	3-5% cse py in fract's		
BZ11-44	64.05	64.85	B29812	0.80	1.063	1/2" pa gy-wt qv @81 w 15% cse d py- assd w epi; 8% cse d py+vn py	1.097	1.029
BZ11-44	64.85	66.05	B54866	1.20	0.411	3-5% cse py in fract's		
BZ11-44	66.05	67.00	B29813	0.95	1.372	3* 1/8" 50% cse py vn's@72	1.303	1.44
BZ11-44	67.00	68.00	B54867	1.00	0.206	3-5% cse py in fract's		
BZ11-44	68.00	68.85	B54868	0.85	0.274	1" wy shr'd w 8% cse d py		
BZ11-44	68.85	70.35	B54869	1.50	<.03			
BZ11-44	70.35	70.80	B54870	0.45	<.03			
BZ11-44	77.00	77.65	B29814	0.65	0.206	1/2" pa gy-wt qv @32 w 5% cse d py- assd w epi;		
BZ11-44	82.15	82.80	B29815	0.65	0.274	0.1m 10% epi+10% wt qtz+15% cse d py@56		
BZ11-44	84.80	86.50	B29816	1.70	<.03	2* bull 0.1m wt qv's -vuggy @25		
BZ11-44	88.80	89.75	B29817	0.95	0.5486	0.1m qtz bx@45 w 2% cse d py+5% epi		
BZ11-44	91.20	92.00	B29818	0.80	<.03	0.25m gyish qv's@62 w 2% cse d py		
BZ11-44	111.00	112.10	B29819	1.10	<.03	1/4" gy sil'd vn on slip w 5% cse d py		
BZ11-44	112.85	113.80	B29820	0.95	<.03	shr'd wy; bl'd hily; 5% q-ank; @28		
BZ11-44	113.80	114.50	B29821	0.70	<.03	bl'd; ends w 0.1m chl-ser clots w 2% cse d py@36		
BZ11-44	114.50	115.45	B29822	0.95	0.4800	5% dk gy 1/8" vn's+ frag's qtz w 2% f d py@40		
BZ11-44	115.45	116.35	B29823	0.90	0.5486	5% dk gy 1/8" vn's+ frag's qtz w 2% f d py@40; flt		
BZ11-44	116.35	117.20	B29824	0.85	0.5486	flt zone of BC w at least 3/4" gouge imm foll by 0.1m dk gy qv w cse d py imm foll by 0.15m w 2* 1/4" dk gy qv's w 2% f d py-all@31		

Hole_ID	From	To	Sample_#	Length	Au ppm	Description	Au ppm_ck	Au ppm-ck2
BZ11-44	117.20	118.00	B29826	0.80	<.03	1/4" med gy qv@42 w 2% f d py		
BZ11-44	118.00	118.50	B29827	0.50	<.03	1/4" med gy qv@54 w 2% f d py+ 15% spec		
BZ11-44	118.50	119.50	B29828	1.00	<.03	0.4m chl-sil vn's to 0.05m w 8% f d py@37 ends on flt		
BZ11-44	119.50	120.65	B29829	1.15	<.03			
BZ11-44	120.65	122.00	B29830	1.35	<.03	3% cse d py in locy sil'd clots		
BZ11-44	122.00	123.50	B29831	1.50	<.03	3% cse d py in locy sil'd clots		
BZ11-44	123.50	125.00	B29832	1.50	<.03	3% cse d py in locy sil'd clots stockwork+vn's@56		
BZ11-44	125.00	126.50	B29833	1.50	<.03	3% cse d py in locy sil'd clots		
BZ11-44	126.50	127.50	B29834	1.00	<.03	3% cse d py in locy sil'd clots; 1" wt bull qv @67-vuggy		
BZ11-44	127.50	128.00	B29835	0.50	<.03	3% cse d py in locy sil'd clots		
BZ11-44	128.00	128.55	B29836	0.55	<.03	3% cse d py in locy sil'd clots		
BZ11-44	128.55	129.75	B29837	1.20	<.03			
BZ11-44	144.00	145.10	B29839	1.10	<.03	3% cse d py in locy sil'd clots+ chl fract's@60		
BZ11-44	145.10	146.10	B29840	1.00	<.03	3% cse d py in locy sil'd clots+ chl fract's@60		
BZ11-44	146.10	147.35	B29841	1.25	<.03	3% cse d py in locy sil'd clots+ chl fract's@60		
BZ11-44	149.75	151.10	B29842	1.35	0.274	1/8" 50% cse py vn@47		
BZ11-44	158.00	158.80	B29843	0.80	<.03	5% cse d py in locy sil'd clots+ chl fract's@46		
BZ11-44	158.80	159.90	B29844	1.10	<.03	5% cse d py in locy sil'd clots+ chl fract's@46		
BZ11-44	165.60	167.00	B29845	1.40	<.03	5% cse d py in locy sil'd clots+ chl fract's@46		
BZ11-44	167.00	168.45	B29846	1.45	<.03	5% cse d py in locy sil'd clots+ chl fract's@46		
BZ11-44	168.45	169.90	B29847	1.45	<.03	5% cse d py in locy sil'd clots+ chl fract's@46; 1/8" 70% cse py vn@64		
BZ11-44	169.90	171.30	B29848	1.40	<.03	5% cse d py in locy sil'd clots+ chl fract's@46		
BZ11-44	171.30	172.75	B29849	1.45	<.03	5% cse d py in locy sil'd clots+ chl fract's@46		
BZ11-44	172.75	173.70	B29850	0.95	<.03	3% cse d py in locy sil'd clots+ chl fract's@46		
BZ11-44	173.70	174.95	B29851	1.25	<.03	3% cse d py in locy sil'd clots+ chl fract's@46; 1/4" 50% cse py vn@61		
BZ11-44	174.95	176.00	B29852	1.05	<.03	3% cse d py in locy sil'd clots+ chl fract's@46		
BZ11-44	176.00	177.40	B29853	1.40	<.03	8% cse d py in locy sil'd clots+ chl fract's@46; 5% pk carb vn's@30		
BZ11-44	177.40	178.50	B29854	1.10	<.03	3% cse d py in locy sil'd clots+ chl fract's@46		
BZ11-44	178.50	179.65	B29855	1.15	<.03	3% cse d py in locy sil'd clots+ chl fract's@46; bl'd hily		
BZ11-44	179.65	181.10	B29856	1.45	<.03	3% cse d py in locy sil'd clots+ chl fract's@46; 1/8" 70% cse py vn@46		
BZ11-44	181.10	182.10	B29857	1.00	<.03	3% cse d py in locy sil'd clots+ chl fract's@46		
BZ11-44	182.10	182.90	B29858	0.80	<.03	0.3m ct zone shr chlc w 10% f+cse d py@42 is mody sil'd		
BZ11-44	182.90	183.60	B29860	0.70	<.03	flt in 0.2m ct zone shr chlc w 10% f+cse d py@42 is mody sil'd		
BZ11-44	183.60	184.70	B29861	1.10	<.03	10% cse d py in hily fold @50		
BZ11-44	184.70	185.50	B29863	0.80	<.03	10% cse d py in hily fold @50		
BZ11-44	185.50	186.40	B29864	0.90	<.03	10% cse d py in hily fold @50		
BZ11-44	186.40	187.90	B29865	1.50	<.03	5% cse d py in hily fold @50-freshening		
BZ11-44	195.10	196.00	B29866	0.90	<.03	5% cse d py		
BZ11-44	196.00	196.70	B29867	0.70	<.03	5% cse d py; 1/4" 80% cse py vn@43		
BZ11-44	196.70	197.45	B29868	0.75	<.03	5% cse d py; hem'd locy mody; 2* 1/8" 60% cse py vn's @75; bullish qtz-carb vn 1/2" vuggy @30		
BZ11-44	197.90	198.70	B29869	0.80	<.03	5% cse d py; bullish qtz-carb vn 3/4" vuggy @30		
BZ11-44	222.00	223.05	B29870	1.05	<.03			
BZ11-44	223.05	224.50	B29871	1.45	0.411			
BZ11-44	224.50	225.50	B29872	1.00	<.03			
BZ11-44	238.05	238.80	B29873	0.75	<.03			
BZ11-44	242.85	244.15	B29874	1.30	0.480			
BZ11-44	244.15	245.00	B29875	0.85	0.274			
BZ11-45	28.60	29.80	B54476	1.20	<.03	10% chl fract's @15+12		
BZ11-45	40.00	41.10	B54477	1.10	<.03	BC w at least 1/2" dull wt qv vuggy-ox'd+5% spec-all@22		
BZ11-45	41.10	41.80	B54478	0.70	<.03	as above but little qtz in vuggy		
BZ11-45	41.80	43.20	B54479	1.40	<.03	1/8"-1/4"pa gy qv ox'd w 5% spec@30in heavy epi		
BZ11-45	44.00	45.35	B54480	1.35	<.03	0.1m bull qv vuggy in 0.1m epi @45		
BZ11-45	45.35	46.20	B54481	0.85	<.03	70% epi centred on 1/2" vuggy qv wt@40		

Hole_ID	From	To	Sample_#	Length	Au ppm	Description	Au ppm_ck	Au ppm-ck2
BZ11-45	49.35	50.25	B54482	0.90	<.03	wy shr'd centred on flt w 30% q-ank+10% bull qtz		
BZ11-45	58.00	59.10	B54483	1.10	<.03	ox'd fract's to 1/8"@15+30		
BZ11-45	59.10	60.30	B54484	1.20	<.03	BC; flt-1/8" gouge-not much alt'n		
BZ11-45	65.90	67.40	B54485	1.50	<.03	3/4" bull wt qv vuggy w 20% chl clots@30; 1/2" lim'd vuggy +ox'd heavy shim imm prec by 0.5m 5% leuco		
BZ11-45	72.00	72.60	B54486	0.60	<.03	BC w up to 0.05m bull wt qv-posy @60		
BZ11-45	75.60	77.00	B54487	1.40	<.03	1" chl-epi-bull wt qtz @50 imm prec by 0.3m 5% leuco+chl'c		
BZ11-45	84.35	85.00	B54489	0.65	<.03	20% epi w 2* 1" bull wt qv vuggy@30		
BZ11-45	89.90	91.00	B54490	1.10	<.03	BC; at least 1" qv wt vuggy @5-15 w 5% chl clots		
BZ11-45	91.00	91.90	B54491	0.90	<.03	BC; at least 1" qv wt vuggy @5-15 w 5% chl clots		
BZ11-45	94.70	96.50	B54492	1.80	<.03	BC; at least 1/2" qv wt vuggy @5-15 w 5% chl clots+ lim'd locy		
BZ11-45	96.50	98.00	B54493	1.50	<.03	BC; at least 1/2" qv wt vuggy @5-15 w 5% chl clots+ lim'd locy		
BZ11-45	102.65	104.20	B54494	1.55	<.03	2* 1"-1/2" wt qv's-@49+75 w 5% cp		
BZ11-45	104.20	104.90	B54495	0.70	<.03	0.2m wt-pa gy qv w 15% ser-epi+ w 5% cp-all@65		
BZ11-45	104.90	106.05	B54497	1.15	<.03	0.2m epi-ser w 1/2" wt qv@48+ w 5% cse d py		
BZ11-45	106.05	107.00	B54498	0.95	<.03	1" pa gy-wt qv w 3% mala+ 8% ox'd@65		
BZ11-45	107.00	108.30	B54499	1.30	<.03	at least 0.15m wt qv w 10% chl+ 5% cp cse blebs@5-15		
BZ11-45	108.30	109.30	B54500	1.00	<.03	at least 0.15m wt qv w 10% chl		
BZ11-45	109.30	110.35	B54501	1.05	<.03			
BZ11-45	110.35	111.80	B54502	1.45	<.03			
BZ11-45	111.80	113.00	B54503	1.20	<.03			
BZ11-45	113.00	114.40	B54504	1.40	<.03			
BZ11-45	114.40	115.20	B54505	0.80	<.03	2* 1" pa gy-wt qv@32+44 w 20% cse d py+cp		
BZ11-45	115.20	116.65	B54506	1.45	<.03			
BZ11-45	116.65	118.30	B54507	1.65	<.03			
BZ11-45	118.30	119.40	B54508	1.10	<.03	1" dull wt qv w ox'd zone w vuggy; 0.1m chl-carb shr wk @50 w 3% f d py		
BZ11-45	119.80	120.75	B54509	0.95	<.03	ct imm prec by 1" 5% cse d py		
BZ11-45	131.20	132.05	B54510	0.85	<.03	hily bl'd olive gn-aph; 10% chl fract's gen@0-40		
BZ11-45	143.00	144.00	B54511	1.00	0.137	5% ser'd; wy bl'd locy; 10% q-ank-all@70; 3% cse d py locy conc		
BZ11-45	144.00	145.10	B54512	1.10	<.03	ser'd locy@75		
BZ11-45	145.10	146.10	B54513	1.00	<.03	0.05m ser-ank@75		
BZ11-45	156.30	157.30	B54514	1.00	0.069	locy wy bl'd@30		
BZ11-45	158.10	158.70	B54515	0.60	<.03	3/4" pk carb-chl vn w ox'd 10%@40		
BZ11-45	165.20	165.70	B54516	0.50	<.03	1/8" 15% cse py vn@45		
BZ11-45	175.90	176.70	B54517	0.80	<.03			
BZ11-45	176.70	177.50	B54518	0.80	<.03	hily bl'd; 30% chl wy sil'd dk gy w 3% f d py@46		
BZ11-45	177.50	178.25	B54519	0.75	<.03			
BZ11-45	181.00	182.00	B54520	1.00	<.03	wy bl'd centred on slip		
BZ11-45	186.00	186.90	B54521	0.90	<.03	wy bl'd; 2% f d py		
BZ11-45	186.90	187.60	**B54533**	0.70	<.03	hily bl'd w 5% cse d py centred on dk gy chl fract's + 1/2" gn sil flood w 3% cse d py+3% cp-all@20+44		
BZ11-45	187.60	188.90	B54523	1.30	<.03	wy bl'd; 2% f d py		
BZ11-45	188.90	189.60	B54524	0.70	<.03	wy bl'd; 2% f d py; 2% pa gy qtz frag's w 10% spec+3% cp+3% cse d py		
BZ11-45	189.60	190.20	B54525	0.60	<.03	wy bl'd; 5-8% cse+ f d py		
BZ11-45	190.20	191.10	B54526	0.90	<.03	hily bl'd; 3%cse+3% f d py centred on 20% chl fract's@44		
BZ11-45	191.10	192.10	B54527	1.00	<.03	hily bl'd; 3%cse+3% f d py centred on 20% chl fract's@44; BC		
BZ11-45	192.10	192.80	B54528	0.70	<.03	wy bl'd; 3% cse d py		
BZ11-45	192.80	193.60	B54529	0.80	<.03	wy bl'd; 3% cse d py		
BZ11-45	196.00	197.00	B54531	1.00	<.03	locy wy bl'd+ bx'd		
BZ11-45	198.50	199.20	B54532	0.70	<.03	0.1m mody bl'd@52		
BZ11-45	204.25	205.40	B54534	1.15	3.154	5-10% chl-wy sil'd fract's+5% dk gy sil vn's to 1/4" in mody bl'd olive gn w 10% q-ank+10% cse d py-all@44	3.291	3.017
BZ11-45	205.40	206.40	B54535	1.00	0.274	2-3% chl-wy sil'd fract's in mody bl'd olive gn @44		
BZ11-45	207.50	208.60	B54536	1.10	<.03	15% q-ank assd w slip-all@35-55; wy bl'd		
BZ11-45	219.70	221.15	B54537	1.45	<.03	10% cse d py- not bl'd		
BZ11-45	222.25	223.80	B54538	1.55	<.03	hem'd w 3-8% cse d py; 5% q-ank		

Hole_ID	From	To	Sample_#	Length	Au ppm	Description	Au ppm_ck	Au ppm-ck2
BZ11-45	223.80	225.00	B54539	1.20	<.03	hem'd w 3-8% cse d py		
BZ11-45	225.00	226.25	B54540	1.25	<.03	hem'd w 3-8% cse d py		
BZ11-45	226.25	227.60	B54541	1.35	<.03	hem'd w 3-8% cse d py		
BZ11-45	227.60	229.00	B54542	1.40	<.03	not hem'd w 3-8% cse d py		
BZ11-45	229.00	230.30	B54543	1.30	<.03	3-8% cse d py; argillite-ripped up locy @229.2-229.5		
BZ11-45	230.30	231.50	B54544	1.20	<.03	3-8% cse d py		
BZ11-45	231.50	232.70	B54545	1.20	0.069	hem'd w 3-8% cse d py; 1/8" q-ank vn w 15% cp@22; rip-up clast		
BZ11-45	232.70	234.00	B54546	1.30	0.137	3% cse d py until ct		
BZ11-45	234.00	235.10	B54547	1.10	0.069	rare cse d py; min'd wy @ trailing ct w 0.2m dk gy sil vn w 3% cp-@90+49		
BZ11-45	235.10	236.30	B54549	1.20	<.03	wy bl'd; 2% cse d py		
BZ11-45	236.30	237.70	B54550	1.40	<.03	brick red hem'd w 5% spec-chl vn's		
BZ11-45	237.70	238.80	B54551	1.10	<.03	3% chl fract's w 3% cse d py; 5% q-ank		
BZ11-45	240.50	241.45	B54552	0.95	<.03	wy bl'd @52; 5% cse d py		
BZ11-45	241.45	243.15	B54553	1.70	0.069	hily bl'd; % cse d py		
BZ11-45	251.65	252.45	B54554	0.80	<.03	hily bl'd; 2-3% cse d py; 1/8" pa gy qv w 20% spec@42		
BZ11-45	252.45	254.00	B54555	1.55	<.03	hily bl'd; 3% ser-chl fract's; 3% cse d py		
BZ11-45	254.00	255.55	B54556	1.55	<.03	wy hem'd; 3% ser-chl fract's; 3% cse d py		
BZ11-45	255.55	257.00	B54557	1.45	<.03	wy hem'd; 3% ser-chl fract's; 3% cse d py		
BZ11-45	257.00	258.10	B54558	1.10	<.03	wy hem'd; 3% ser-chl fract's; 3% cse d py		
BZ11-45	258.10	259.35	B54559	1.25	4.218	massive dk gy-gn sil vn w 10% ser+ 20% cse d py@34+38-posy alt'd por/wacke	4.389	4.046
BZ11-45	259.35	260.15	B54561	0.80	<.03	hily bl'd-intense; 3% ser-chl fract's@34; 3% cse d py		
BZ11-45	260.15	261.10	B54562	0.95	<.03	hily hem'd; 3% ser-chl fract's; 5% cse d py; locy mody sil'd@47		
BZ11-45	261.10	262.70	B54563	1.60	0.343	hily hem'd; 3% ser-chl fract's; 3% cse d py; 1/4" 60% cse py vn@19		
BZ11-45	262.70	264.00	B54564	1.30	<.03	v hily bl'd to pa gn-wy sil'd; 3% ser-chl fract's; 3% cse d py		
BZ11-45	264.00	265.45	B54565	1.45	<.03	hily bl'd; 3% ser-chl fract's; 3% cse d py		
BZ11-45	265.45	267.00	B54566	1.55	0.343	hily bl'd; 3% ser-chl fract's; 3% cse d py		
BZ11-45	267.00	267.90	B54568	0.90	0.549	hily bl'd; 3% ser-chl fract's; 3% cse d py; 0.1m dk gy sil flood @50 w 10% cse d py		
BZ11-45	267.90	269.65	B54569	1.75	<.03	1/4" med gy qv@38; 10% q-ank; pa gn bl'd		
BZ11-45	269.65	271.00	B54570	1.35	0.343	pa gn bl'd hily; 3% chl-sil fract's@30-60		
BZ11-45	271.00	272.40	B54571	1.40	<.03	pa gn bl'd hily		
BZ11-45	272.40	273.40	B54572	1.00	<.03	pa gn bl'd hily; 0.2m+3/4" dk gy sil flood @38 w 7% cse d py+20% wall frag's		
BZ11-45	273.40	274.65	B54573	1.25	<.03	pa gn bl'd hily		
BZ11-45	274.65	276.15	B54574	1.50	0.206	pa gn bl'd hily; 1" 25% cse py@26 in wk sil		
BZ11-45	276.15	277.70	B54575	1.55	0.069	pa gn bl'd hily		
BZ11-45	277.70	278.90	B54576	1.20	<.03	pa gn bl'd hily		
BZ11-45	278.90	279.80	B54577	0.90	0.137	hily sil'd leading into 0.4m wt qv w 15% cse d py+ spec (/moly/graph?) @42		
BZ11-45	279.80	281.10	B54579	1.30	0.137	pa gn bl'd hily; wy sil'd; 1/4" 50% cse py vn@48		
BZ11-45	281.10	282.35	B54580	1.25	0.206	pa gn bl'd hily; 0.1m hily sil'd w 10% cse d py@45; 0.05m dk gy q str's/frag's w 10% cse d py@61		
BZ11-45	282.35	283.60	B54581	1.25	0.206	hem'd mody; 2% cse py 1/8" str's@52		
BZ11-45	283.60	284.90	B54582	1.30	<.03	hem'd mody; 2% cse py 1/8" str's@52		
BZ11-45	284.90	286.55	B54583	1.65	<.03	hem'd mody; 1% cse py 1/8" str's@52		
BZ11-45	286.55	288.05	B54584	1.50	0.069	hem'd mody; 2% cse py 1/8" str's@30-52		
BZ11-45	288.05	289.40	B54585	1.35	<.03	hem'd mody; rare cse py 1/8" str's@52		
BZ11-45	289.40	290.35	B54586	0.95	0.206	hem'd mody; 10% cse py 1/8" str's@30-52; 10% cse d py; wy sil'd		
BZ11-45	290.35	291.40	B54587	1.05	0.549	hem'd mody; 2% cse py 1/8" str's@30-52		
BZ11-45	291.40	292.25	B54588	0.85	0.206	hem'd mody; 10% cse py 1/8" str's@30-52; 10% cse d py; mody sil'd;2* 3/4" 80% cse py vn@65+32		
BZ11-45	292.25	293.00	B54589	0.75	0.206	hily bl'd pa gn-wt		
BZ11-45	293.00	294.00	B54590	1.00	<.03	hily bl'd pa gn-wt; 0.2m hily sil'd w med gy sil+5% cse d py@50		
BZ11-45	294.00	295.20	B54591	1.20	0.206	hem'd mody; 1% cse py 1/8" str's@52		
BZ11-45	297.50	298.75	B54592	1.25	<.03	hem'd mody; 1% cse py 1/8" str's@52		
BZ11-45			B54593	0.00	1.680	STANDARD		
BZ11-45	298.75	299.55	B54594	0.80	0.069	hily bl'd buff; 0.1m med gy sil flood @45 w 5% cse d py		
BZ11-45	299.55	300.45	B54595	0.90	<.03			

Hole_ID	From	To	Sample_#	Length	Au ppm	Description	Au ppm_ck	Au ppm-ck2
BZ11-45	300.45	301.40	B54596	0.95	<.03	0.1m sil flood str's@46 w 3% cse d py		
BZ11-45	313.90	315.15	B54597	1.25	0.206	hily bl'd, wy sil'd, pa gn; 5% chl-sil fract's@5-20 w 5% cse d py		
BZ11-45	318.00	318.95	B54598	0.95	0.823	hily bl'd, wy sil'd, pa gn; 10% chl-sil fract's@30 w 5% cse d py		
BZ11-45	318.95	320.00	B54599	1.05	0.206	hily bl'd, wy sil'd, pa gn; 10% chl-sil fract's@30 w 5% cse d py; 1"med gy chl-sil vn@30 w 10% cse d py		
BZ11-45	321.50	323.00	B54600	1.50	<.03	2 flt's; 5% q-ank; no appreciable affect on wallrock		
BZ11-45	342.75	344.00	B54601	1.25	<.03	1" of 1/8" pa gy sil str's @16 w 5% cse d py		
BZ11-46	5.05	6.50	B54828	1.45	<.03	0.2m hily sil'd @52; 3-5% cse d py		
BZ11-46	6.50	7.95	B54829	1.45	<.03	5% cse d py locy conc; 1/2" q-ank@32		
BZ11-46	7.95	9.20	B54830	1.25	<.03	20% med-dk gy chl/sil'd@10-30 w 10% cse d py; v highly fol'd@20-30; ser'd; locy conc 20% q-ank vn's@10-30 are to 1/4"		
BZ11-46	9.20	10.00	B54831	0.80	<.03	20% med-dk gy chl/sil'd@10-30 w 10% cse d py; v highly fol'd@20-30; ser'd; locy conc 20% q-ank vn's@10-30 are to 1/4"		
BZ11-46	10.00	11.10	B54832	1.10	0.206	0.3m dk gy qv w 20% q-ank+chl-sil @19 w 30% f d py-well min'd; 50% med-dk gy chl/sil'd@10-30 w 10% cse d py; v highly fol'd@20-30; ser'd; locy conc 20% q-ank vn's@10-30 are to 1/4"		
BZ11-46	11.10	11.90	B54833	0.80	<.03	20% med-dk gy chl/sil'd@10-30 w 10% cse d py; v highly fol'd@20-30; ser'd; locy conc 20% q-ank vn's@10-30 are to 1/4"		
BZ11-46	11.90	12.65	B54834	0.75	0.754	20% med-dk gy chl/sil'd@10-30 w 10% cse d py; v highly fol'd@20-30; ser'd; locy conc 20% q-ank vn's@10-30 are to 1/4"		
BZ11-46	12.65	13.50	B54835	0.85	0.137	0.4m ox'd@70; 1/4" chl-sil vn@15		
BZ11-46	13.50	14.95	B54836	1.45	0.480	1" q-ank-sil'd vn w 10% f d py@25		
BZ11-46	14.95	16.75	B54837	1.80	0.137	1/4" 70% cse py vn@26		
BZ11-46	16.75	17.80	B54838	1.05	1.303	40% med-dk gy chl/sil'd@20-30 w 10% cse d py; v highly fol'd@20-30; ser'd; locy conc 20% q-ank vn's@10-30 are to 1/4"	1.303	1.303
BZ11-46	17.80	19.00	B54839	1.20	<.03			
BZ11-46	19.00	20.80	B54840	1.80	<.03			
BZ11-46	20.80	21.80	B54842	1.00	<.03	3/4" chl-sil vn w 20% f d py@40 assd w q-ank		
BZ11-46	21.80	22.80	B54843	1.00	<.03			
BZ11-46	22.80	24.20	B54844	1.40	<.03	5% chl fract's@5-40		
BZ11-46	24.20	25.70	B54845	1.50	<.03			
BZ11-46	25.70	27.20	B54846	1.50	<.03			
BZ11-46	27.20	28.70	B54847	1.50	<.03			
BZ11-46	28.70	30.25	B54848	1.55	<.03			
BZ11-46	30.25	31.50	B54849	1.25	<.03			
BZ11-46	31.50	32.40	B54850	0.90	<.03	0.1m hily sil'd@20 w 5% cse d py ending on slip		
BZ11-46	32.40	33.40	B29751	1.00	0.686	20% med-dk gy chl/sil'd@30 w 10-15% cse d py; v highly fol'd@30; ser'd; locy conc 20% q-ank vn's@10-30 are to 1/4"		
BZ11-46	33.40	34.60	B29752	1.20	0.069	0.1m w 3* 1/2" 70% cse py vn's@36-53; 20% med-dk gy chl/sil'd@20-30 w 10-15% cse d py; v highly fol'd@30; ser'd; locy conc 20% q-ank vn's@10-30 are to 1/4"		
BZ11-46	34.60	35.90	B29754	1.30	<.03	20% med-dk gy chl/sil'd@30 w 10-15% cse d py; v highly fol'd@30; ser'd; locy conc 20% q-ank vn's@10-30 are to 1/4"		
BZ11-46	35.90	36.65	B29755	0.75	<.03	20% med-dk gy chl/sil'd@30 w 10-15% cse d py; v highly fol'd@30; ser'd; locy conc 20% q-ank vn's@10-30 are to 1/4"		
BZ11-46	36.65	37.25	B29756	0.60	<.03			
BZ11-46	37.25	38.65	B29757	1.40	<.03			
BZ11-46	38.65	40.70	B29758	2.05	<.03			
BZ11-46	40.70	41.50	B29759	0.80	<.03	5% chl-sil vn's+10% q-ank@12-25+ 3% cse d py		
BZ11-46	41.50	43.00	B29760	1.50	<.03	5% chl-sil vn's+10% q-ank@12-25+ 3% cse d py		
BZ11-46	43.00	44.50	B29761	1.50	<.03			
BZ11-46	44.50	46.00	B29762	1.50	<.03	5% chl-sil vn's+10% q-ank@12-25+ 3% cse d py		
BZ11-46	46.00	47.50	B29764	1.50	<.03	5% chl-sil vn's+10% q-ank@12-25+ 3% cse d py		
BZ11-46	47.50	49.00	B29765	1.50	<.03	5% chl-sil vn's+10% q-ank@12-25+ 3% cse d py		
BZ11-46	49.00	50.50	B29766	1.50	18.549	5% chl-sil vn's+10% q-ank@12-25+ 3% cse d py	16.046	21.052
BZ11-46	50.50	52.00	B29767	1.50	0.960	5% chl-sil vn's+10% q-ank@2-10+ 3% cse d py		
BZ11-46	52.00	53.50	B29768	1.50	0.960	5% chl-sil vn's+10% q-ank@2-10+ 3% cse d py		
BZ11-46	53.50	55.00	B29769	1.50	0.480	5% chl-sil vn's+10% q-ank@2-10+ 3% cse d py		
BZ11-46	55.00	56.50	B29770	1.50	0.480	5% chl-sil vn's+10% q-ank@2-10+ 3% cse d py		
BZ11-46	56.50	58.00	B29771	1.50	0.137			
BZ11-46	58.00	58.80	B29772	0.80	0.549	10% chl-sil vn's+10% q-ank@12-25+ 8% cse d py		
BZ11-46	58.80	59.60	B29773	0.80	0.069	5% chl-sil vn's+10% q-ank@12-25+ 3% cse d py		
BZ11-46	59.60	61.00	B29774	1.40	0.069	5% chl-sil vn's+10% q-ank@12-25+ 3% cse d py		
BZ11-46	61.00	62.50	B29775	1.50	0.069	5% chl-sil vn's+10% q-ank@12-25+ 3% cse d py		

Hole_ID	From	To	Sample_#	Length	Au ppm	Description	Au ppm_ck	Au ppm-ck2
BZ11-46	62.50	64.00	B29776	1.50	0.343	15% chl-sil vn's+10% q-ank@12-25+ 10% cse d py		
BZ11-46	64.00	65.50	B29777	1.50	<.03	5% chl-sil vn's+10% q-ank@12-25+ 3% cse d py		
BZ11-46	65.50	67.00	B29778	1.50	<.03	5% chl-sil vn's+10% q-ank@12-25+ 3% cse d py		
BZ11-46	67.00	68.50	B29779	1.50	<.03	5% chl-sil vn's+10% q-ank@12-25+ 3% cse d py		
BZ11-46	68.50	70.00	B29780	1.50	<.03			
BZ11-46	70.00	71.50	B29781	1.50	<.03	1/4" 70% cse py vn@32-primary?		
BZ11-46	71.50	73.00	B29782	1.50	<.03			
BZ11-46	73.00	74.50	B29783	1.50	<.03	1/4" 70% cse py vn@32-primary?		
BZ11-46	88.70	89.75	B29784	1.05	<.03	30% q-ank+ bull pa gy qv's		
BZ11-46	89.75	91.00	B29785	1.25	0.549	70% of sample 15-20% cse+f d py in wy sil'd chl-sil+ser @43 is dk gn-gy+ w 10% q-ank		
BZ11-46	91.00	92.15	B29786	1.15	0.480	30% of sample 15-20% cse+f d py in wy sil'd chl-sil+ser @43 is dk gn-gy+ w 10% q-ank		
BZ11-46	92.15	92.85	B29787	0.70	<.03	25% q-ank; 2% cse d py		
BZ11-46	92.85	94.30	B29789	1.45	<.03	5% of sample 5% cse+f d py in wy sil'd chl-sil+ser @43 is dk gn-gy+ w 10% q-ank		
BZ11-46	94.30	95.40	B29790	1.10	0.343	80% of sample 40% cse+f d py in wy sil'd chl-sil+ser @12-36 is dk gn-gy+ w 10% q-ank		
BZ11-46	95.40	96.50	B29792	1.10	0.411	5% of sample 15-20% cse+f d py in wy sil'd chl-sil+ser @43 is dk gn-gy+ w 10% q-ank		
BZ11-46	96.50	97.50	B29793	1.00	0.137	5% of sample 15-20% cse+f d py in wy sil'd chl-sil+ser @43 is dk gn-gy+ w 10% q-ank		
BZ11-46	97.50	98.90	B29794	1.40	0.206	25% q-ank; 2% cse d py		
BZ11-46	98.90	100.00	B29795	1.10	0.274	20% of sample 15-20% cse+f d py in wy sil'd chl-sil+ser @5-43 is dk gn-gy+ w 10% q-ank		
BZ11-46	100.00	100.80	B29796	0.80	<.03	40% of sample 15-20% cse+f d py in wy sil'd chl-sil+ser @32 is dk gn-gy+ w 10% q-ank		
BZ11-46	100.80	101.75	B29797	0.95	<.03			
BZ11-46	113.30	114.30	B29798	1.00	0.137			
BZ11-46	114.30	115.20	B29799	0.90	0.754	10% cse d py assd w chl-sil clots@28		
BZ11-46	115.20	116.00	B29800	0.80	2.194	20% cse d py assd w chl-sil clots@28		
BZ11-46	116.00	117.40	B29801	1.40	<.03			
BZ11-46	122.75	124.00	B29802	1.25	<.03	buff posy por intru or alb'd altn @50		
BZ11-46	124.00	125.40	B29803	1.40	0.960	buff posy por intru or alb'd altn @50 w 10% cse d py		

Hole_ID	From	To	Sample_#	Length	Au ppm	Description	Au ppm_ck	Au ppm-ck2
ML11-01	7.00	8.00	B53073	1.00	<.03	at 7.06m 1cm wide qtz+epi+calcite vn and at 7.7m <0.5 cm wide qtz+epi vn at 20 deg TCA, negl py		
ML11-01	8.00	8.50	B53074	0.50	<.03	8.25 to 8.3m Flt with qtz+carb+chl at 90 deg TCA; negl py		
ML11-01	9.00	10.30	B53075	1.30	<.03	qtz+calcite vn at 9m and flt +bx at 10.15 to 10.2m with epi +qtz+bx		
ML11-01	13.20	14.00	B53076	0.80	<.03	13.5 to 13.55 5cm wide qtz+calcite+chl at 90 deg TCA with <1% fg py on margins		
ML11-01	16.80	17.70	B53078	0.90	<.03	two qtz+calcite+epi vn's <1cm wide at 75 and 20 deg TCA; negl py		
ML11-01	20.70	21.70	B53079	1.00	0.137	1-2% diss py in matrix and in discontinuous frac's; wkly sil		
ML11-01	21.70	22.70	B53080	1.00	<.03	as above		
ML11-01	22.70	23.70	B53081	1.00	0.137	3-5% diss fg + mg py in discont frac's with dk qtz? + chl and in matrix; weakly sil		
ML11-01	23.70	24.50	B53083	0.80	0.069	1% diss py in frac's and in matrix; weakly sil		
ML11-01	28.90	29.80	B53084	0.90	<.03	1-2% py near syenite-Congl contact		
ML11-01	29.80	30.70	B53085	0.90	<.03	at 30 to 30.3m <5% calcite vnlets <2mm wide with minor cpy		
ML11-01	30.70	31.30	B53086	0.60	<.03	at 31.1m qtz+calcite vn with epi; negl py		
ML11-01	33.70	34.60	B53087	0.90	<.03	33.8m 2cm wide qtz vn + bx at 90 deg TCA; three to four qtz+minor calcite vns <0.75 cm wide predom 75 to 90 deg TCA; negl py		
ML11-01	35.20	35.70	B53088	0.50	<.03	at 35.3m 1 cm qtz vn at weak slip		
ML11-01	41.30	41.80	B53089	0.50	<.03	5% late white carb+qtz + epi vn'ing at 75 to 90 deg CA; at 41.6m 3 cm wide qtz+carb vn at 90 de with 2% fg py		
ML11-01	41.80	43.00	B53090	1.20	<.03	1-2% fg diss py in matrix and in qtz+chl vn+frac's; 42.36 to 42.48 qtz +minor carb at 65 deg TCA		
ML11-01	43.00	43.80	B53091	0.80	<.03	43.4m 1.5 cm wide qtz +carb+chl vn at 75 to 80 deg TCA		
ML11-01	49.70	50.60	B53092	0.90	<.03	50 to 50.6m three 0.5 cm wide grey qtz vn's with epi margins, one vn with splash of cpy generally 25 to 35 deg TCA		
ML11-01	50.60	51.20	B53093	0.60	<.03	51.05m 0.25cm wide grey qtz vn with epi margin at 50 deg TCA		
ML11-01	**53.90**	**54.40**	**B53094**	**0.50**	**0.549**	**54.25 to 54.28m grey qtz vn at 90 deg TCA**		
ML11-01	54.40	56.00	B53100	1.60	0.137	numerous slip-frac's with epi+calcite + mg py; 1% py overall		
ML11-01	56.00	57.40	B53095	1.40	0.206	as above		
ML11-01	57.40	58.80	B53096	1.40	<.03	negl py		
ML11-01	58.80	59.70	B53097	0.90	<.03	FP-Chemical Sediment contact; at 59.45m Flt with gouge + 5cm wide qtz+calcite+chl at 60 de TCA; 1-2% diss py at margins		
ML11-01	59.70	60.30	B53099	0.60	<.03	chemical sed; <1%py		
ML11-01	61.50	62.50	B53101	1.00	<.03	weak to mod hairline frac'ing with epi+carb at 50 deg TCA; low angle qtz vn <4mm wide at 0 de TCA with epi; <1% py on frac planes		
ML11-01	62.50	63.40	B53102	0.90	<.03	<1% py on frac planes; wk hairline frac's		
ML11-01	63.40	64.50	B53103	1.10	<.03	flt bx with epi at 63.4m and calcite+qtz vn at 64.2 at 35 deg TCA; <1% py on frac planes		
ML11-01	69.40	70.10	B53104	0.70	<.03	contact between Chemical Sed to FP at 70.03m; negl py		
ML11-01	71.60	72.10	B53105	0.50	<.03	71.95m qtz vn with tr py		
ML11-01	74.30	74.90	B53106	0.60	<.03	74.4m 1 cm wide qtz+calcite vn at 75 deg TCA		
ML11-01	77.10	77.70	B53107	0.60	<.03	77.2 to 77.4 m parallel carb+chl vn'ing at 65-70 deg TCA; negl py		
ML11-01	81.00	82.00	B53109	1.00	<.03	FP-Sed contact at 81.3m; 81.8m 1.2 cm wide carb vn at 80 deg TCA		
ML11-01	82.00	83.30	B53110	1.30	<.03	82.5 to 82.7m FP, qtz vn 1 cm wide at 82.5m; <1% py in natrix in Sed, fg py		

Hole_ID	From	To	Sample_#	Length	Au ppm	Description	Au ppm_ck	Au ppm-ck2
ML11-01	86.20	86.90	B53111	0.70	0.07	86.4 to 86.7m fractured section 4 cm wide calcite+carb vn at 40 deg TCA; negl py		
ML11-01	86.90	88.10	B53112	1.20	<.03	negl py		
ML11-01	90.90	91.50	B53113	0.60	<.03	91 to 91.2m three subparallel vn's 2-3mm wide qtz+epi with one vn having 5% fg py at 70 deg TC 91.4m flt or vn bx with qtz+epi healing at 75 deg TCA		
ML11-01	92.50	93.60	B53114	1.10	<.03	92 to 92.9m and 93.4 to 93.6m finer grained bx poorly sorted with trace py in frac's with epi		
ML11-01	95.00	96.00	B53116	1.00	<.03	trace fg to mg py in matrix		
ML11-01	96.00	96.60	B53117	0.60	<.03	96.3m 0.6cm wide late carb+epi vn at 80 deg TCA with 1-2% py cross cutting bedding		
ML11-01	96.60	98.00	B53119	1.40	<.03	97.85m qtz+carb+epi vn 0.75cm wide at 45 deg TCA cross cutting bedding		
ML11-01	98.00	99.00	B53120	1.00	<.03	at 98.01 1cm wide frac's with grey white carb with mg py with red-brown margins		
ML11-01	99.00	100.00	B53121	1.00	<.03	weak frac'ing with bx crackle textures over <3cm wide with crack-heal carb		
ML11-01	101.80	102.80	B53122	1.00	<.03	occassional qtz+carb+epi vnlets 1-3mm wide with <1% py		
ML11-01	102.80	103.40	B53123	0.60	<.03	negl py		
ML11-01	103.40	104.60	B53124	1.20	<.03	Flt at 103.45 1.5cm wide carb vn with 1% py; 104.13 to 104.17 calcite + carb vn at 85 deg TCA		
ML11-01	104.60	105.60	B53125	1.00	<.03	negl py		
ML11-01	105.60	106.80	B53126	1.20	<.03	Sed-FP contact at 106.1m with 1-2% fg to mg py from 106.1 to 106.4m + 15% late carb stringers a 20 deg TCA + dk chl+qtz frac's		
ML11-01	106.80	108.00	B53127	1.20	<.03	overall 1-2% diss py; 107.55 to 107.9m increase in carb vn'lets and 1-3% diss py		
ML11-01	108.00	109.30	B53128	1.30	<.03	weak carb vnlets; 1-2% fg py in frac's; broken core from 108 to 108.2m		
ML11-01	109.30	110.10	B53129	0.80	<.03	weak late white carb vnlets; tr py		
ML11-01	110.10	111.00	B53130	0.90	<.03	weak frac'ing from 110.1 to 110.15 and 110.5 to 110.6m with carb+qtz+chl with tr py; flt-slip at 9 deg TCA at 110.55m		
ML11-01	113.70	114.40	B53131	0.70	<.03	Sed-FP contact with weak carb+qtz vnlets in Sed near contact; negl py		
ML11-01	121.00	122.40	B53132	1.40	<.03	tr py in discontinuous hairline frac's in FP		
ML11-01	126.90	128.30	B53133	1.40	<.03	5% late white parallel 3-5mm wide carb+calcite vnlets at 45 to 60 deg TCA		
ML11-01	132.00	132.80	B53134	0.80	<.03	negl py		
ML11-01	132.80	134.00	B53135	1.20	<.03	132.9 to 133.95m 5-7% fg py in hairline frac's and in matrix throughout, no reason for frac zone- in frac's + perv sil?		
ML11-01	134.00	135.00	B53137	1.00	<.03	negl py		
ML11-01	135.00	135.80	B53139	0.80	<.03	135.38m 2 cm wide qtz+carb+chl vn at 60 deg TCA		
ML11-01	142.40	142.80	B53140	0.40	<.03	142.5 to 142.7m lt grey qtz vning; negl py		
ML11-01	145.30	146.50	B53141	1.20	<.03	10-15% 0.20 to 2cm wide qtz+calcite vn'ing at 25 to 50 deg TCA; negl py		
ML11-01	148.30	149.80	B53142	1.50	<.03	148.3 to 151m flt bx at 0 deg TCA with chl+carb+qtz+calcite; negl py		
ML11-01	149.80	151.00	B53143	1.20	0.07	as above		
ML11-01	156.00	157.50	B53144	1.50	<.03	156 to 159.7m Flt Bx at 0 deg TCA with chl+carb+calcite, strong Flt; negl py		
ML11-01	157.50	159.00	B53145	1.50	<.03	as above		
ML11-01	159.00	160.00	B53146	1.00	<.03	as above		
ML11-01	167.30	168.80	B53147	1.50	<.03	tr py diss in matrix		
ML11-01	168.80	170.00	B53148	1.20	<.03	168.9m 1.5 cm calcite+qtz vn at 50 deg TCA flt-slip; 169.7 to 170.1m carb+chl vnlet at 0 deg TCA		

Hole_ID	From	To	Sample_#	Length	Au ppm	Description	Au ppm_ck	Au ppm-ck2
ML11-01	170.00	170.90	B53149	0.90	<.03	from 170.6 to 171.4m Flt at 0-10 deg TCA with calcite+chl vn with minor cpy; surrounding Flt 3-5% diss py in clots, chl frac's & matrix diminishing after 172.4m		
ML11-01	170.90	171.80	B53150	0.90	0.07	as above		
ML11-01	171.80	172.50	B53151	0.70	<.03	as above		
ML11-01	172.50	174.00	B53152	1.50	<.03	1-3% diss py in frac's & in matrix		
ML11-01	174.00	175.50	B53153	1.50	<.03	negl py; end of oxidized hem		
ML11-01	179.60	180.10	B53154	0.50	0.206	179.85m flt with carb+calcite+chl vn at 25 deg TCA		
ML11-01	187.10	187.90	B53155	0.80	<.03	two flts healed with carb+chl+calcite, negl py		
ML11-01	189.10	189.90	B53156	0.80	<.03	fl healed with carb+chl at 0 deg TCA		
ML11-01	190.40	191.80	B53157	1.40	0.069	negl py		
ML11-01	191.80	192.70	B53158	0.90	<.03	shear slips from 192 to 192.5m with a cross cutting 0 deg TCA calcite vnlet with 1-2% mg py		
ML11-01	192.70	194.20	B53160	1.50	<.03	negl py; pink-white carb+qtz vn'ing <2%		
ML11-01	194.20	195.10	B53161	0.90	<.03	stress frac's with pink-white carb; 1-2% diss py		
ML11-01	195.10	195.90	B53162	0.80	<.03	QFP-Argillite contact at 195.25m strong shear from 192.25 to 204m at 10-30 deg TCA; 1-3% fg diss py from 195.25 to 195.5m		
ML11-01	195.90	197.40	B53164	1.50	<.03	strong shear, 10-30% late white carb vnlets along shear planes; tr py		
ML11-01	197.40	198.90	B53165	1.50	<.03	strong shear, 10-30% late white carb vnlets along shear planes; tr py		
ML11-01	198.90	200.40	B53166	1.50	<.03	strong shear, 10-30% late white carb vnlets along shear planes; tr py		
ML11-01	200.40	201.50	B53167	1.10	<.03	strong shear, 10-30% late white carb vnlets along shear planes; tr py		
ML11-01	*201.50*	*202.50*	*B53168*	*1.00*	*<.03*	*Carb+Chl+Py Zone 201.5 to 204m non-magnetic, 3-7% fg to mg diss euhedral py in chl+carb frac's in matrix, late 1 to 2 cm wide pink grey carb+qtz vn's at predom 20-30 deg TCA with tr py*		
ML11-01	*202.50*	*203.50*	*B53169*	*1.00*	*<.03*	*as with 201.5 to 202.5m*		
ML11-01	*203.50*	*204.50*	*B53170*	*1.00*	*<.03*	*as with 201.5 to 202.5m*		
ML11-01	204.50	205.50	B53171	1.00	<.03	1-3% fg & mg diss py from 205.2 to 205.5m		
ML11-01	205.50	207.00	B53172	1.50	<.03	tr py; <5% calcite vn		
ML11-01	207.00	208.30	B53173	1.30	<.03	1% fg py on frac slips; minor calcite vnlets		
ML11-01	208.30	209.00	B53174	0.70	<.03	two grey-white vn's 5 and 6 cm wide at 60 deg TCA; tr py		
ML11-01	209.00	210.50	B53175	1.50	<.03	1% fg py in matrix; <2% calcite+carb vnlets		
ML11-01	210.50	212.00	B53176	1.50	<.03	as above		
ML11-01	212.00	213.00	B53177	1.00	<.03	2.5 cm wide grey-white qtz+calcite vn at 75 deg TCA at 212.95m; tr py		
ML11-01	213.00	213.60	B53178	0.60	<.03	1% fg py adjacent to two grey-white qtz vnlets		
ML11-01	213.60	214.70	B53179	1.10	<.03	overall 1-2% fg diss py at 213.65m adajacent to qtz+carb vnlet, at 213.9m 5cm grey-white vn at deg TCA and 214.5m a 3cm wide calcite+qtz+chl vn at 30 deg TCA		
ML11-01	214.70	216.05	B53180	1.35	<.03	infill sample, tr py		
ML11-01	216.05	216.60	B53181	0.55	<.03	two calcite +chl+qtz vn's at 15 deg TCA and at 30 deg TCA		
ML11-01	217.90	219.50	B53182	1.60	<.03	1-2% fg diss py adjacent to 10% white-pink calcite-qtz vnlets at 0 to 40 deg TCA		
ML11-01	219.50	221.00	B53183	1.50	<.03	15% pink-white qtz+calcite+chl vn'ing at 15 to 30 deg TCA, 0.5 to 1.5 cm wide, fg py adjacent to vn's		
ML11-01	221.00	222.00	B53184	1.00	<.03	5% pink-white qtz+calcite+chl vn'ing at 15 to 30 deg TCA, 0.5 cm wide, fg py adjacent to vn's		
ML11-01	222.00	223.50	B53186	1.50	<.03	tr py; minor qtzcarb vnlets		

Hole_ID	From	To	Sample_#	Length	Au ppm	Description	Au ppm_ck	Au ppm-ck2
ML11-01	223.50	224.90	B53187	1.40	<.03	as above		
ML11-01	224.90	225.50	B53188	0.60	<.03	contact Sed-FP 225.05m with 0.5cm wide qtz+carb vn at 45 deg TCA with 1-2% diss py at margins		
ML11-01	225.50	226.50	B53190	1.00	<.03	<5% qtz+carb vnlets with py on slips and adjacent to vn's		
ML11-01	226.50	227.10	B53191	0.60	<.03	<5% vnlets with tr py		
ML11-01	229.20	230.20	B53192	1.00	<.03	<5% qtz+calcite vn'ing with brown orange mineral on slips; <0.2% cpy along slips and in vn'ing		
ML11-01	230.20	231.00	B53193	0.80	<.03	at 230.5m 1 cm calcite+qtz vn at 30 deg TCA with fine cpy; other calcite+qtz stringeers with min cpy		
ML11-01	231.00	232.30	B53194	1.30	<.03	5% qtz+calcite vn'ing with minor cpy and 1-2% fg py on slips		
ML11-01	232.30	232.80	B53195	0.50	<.03	10% qtz+calcite vnlets+stringers with <1% py and tr cpy		
ML11-01	232.80	233.60	B53196	0.80	<.03	232.8 to 233.2m 3-5% diss py+ red oxy'd hem + carb alt'n + 2 cm wide grey-white qtz vn at 35 d TCA with minor py;		
ML11-01	233.60	234.70	B53198	1.10	<.03	233.9 to 234.5m possible mafic dyke; tr calcite stringers; tr py		
ML11-01	234.70	235.50	B53199	0.80	<.03	Flt at 20 to 25 deg TCA; chl gouge		
ML11-01	235.50	236.50	B53200	1.00	<.03	at 236 3cm section of qtz+calcite hydrothermal bx		
ML11-01	236.50	238.00	B53201	1.50	<.03	5% qtz+calcite stringers tr cpy		
ML11-01	238.00	239.50	B53202	1.50	0.069	5% qtz+calcite stringers tr cpy; at 238.8m 0.5 cm wide qtz+calcite vn with cpy and mo		
ML11-01	239.50	241.00	B53203	1.50	<.03	2% qtz+carb+calcite vnletstr py		
ML11-01	*241.00*	*242.50*	*B53205*	*1.50*	*0.274*	*241.3 to 241.4m 1-2mm wide sheeted qtz vnlets with 1% cpy at low angle TCA, approx. 10-15 deg TCA; 10% brown-orange carb + qtz vnlets with minor cpy*		
ML11-01	**242.50**	**244.00**	**B53206**	**1.50**	**0.480**	**10-15% grey-white qtz+orange-brown carb-calcite with cpy and 1-2% py**		
ML11-01	***244.00***	***244.50***	***B53207***	***0.50***	***1.95***	***1-3mm sheeted grey-white qtz vn'ing at 20-25 deg TCA with 0.2 to 0.5% cpy***	**1.646**	**2.263**
ML11-01	***244.50***	***245.00***	***B53209***	***0.50***	***0.99***	***244.45 to 244.8m 95% grey-white qtz vn with minor cpy in slivers of FP in vn ; sheeted vnlets at 244.8 to 244.9m with cpy***	**1.303**	**0.686**
ML11-01	245.00	246.00	B53210	1.00	0.41	2-5% orange brown carb slips with tr cpy + py		
ML11-01	246.00	247.50	B53211	1.50	<.03	as above		
ML11-01	247.50	249.00	B53212	1.50	<.03	as above + 5% grey-white qtz vn'ing		
ML11-01	249.00	249.70	B53213	0.70	<.03	as above		
ML11-01	249.70	250.10	B53214	0.40	<.03	249.9m slip+0.25 cm wide dk grey qtz vn at 30 deg TCA		
ML11-01	250.10	250.90	B53215	0.80	<.03	2-5% orange brown carb slips with tr cpy + py		
ML11-01	250.90	252.00	B53216	1.10	<.03	0 deg 0.25 cm wide grey qtz vn with orange carb at amrgin with tr cpy + py		
ML11-01	252.00	253.50	B53217	1.50	<.03	as above		
ML11-01	253.50	255.00	B53218	1.50	<.03	<5% orange brown carb slips + minor grey white qtz vnlets with tr cpy + py		
ML11-01	255.00	255.70	B53219	0.70	0.069	0 deg TCA slip with orange brown calcite-carb with 1-2% py + spec hem + minor cpy, minor gre white qtz		
ML11-01	255.70	257.00	B53220	1.30	<.03	as above		
ML11-01	257.00	258.00	B53221	1.00	<.03	as above but with 5% grey-white qtz vn'ing		
ML11-01	258.00	258.80	B53223	0.80	<.03	258.4 to 258.6m qtz+chl+carb between 20 deg TCA slips with 3-7% diss mg fg py		
ML11-01	258.80	259.60	B53224	0.80	<.03	minor qtz vn'ing at 259.2m; tr py		
ML11-01	**259.60**	**260.20**	**B53225**	**0.60**	**0.617**	**259.7 to 260.2m 2 cm wide grey white qtz vn at 0 deg TCA with 5-10% mg diss py and othe qtz+carb stress frac's between two slips at 15 deg TCA**		

Hole_ID	From	To	Sample_#	Length	Au ppm	Description	Au ppm_ck	Au ppm-ck2
ML11-01	260.20	261.30	B53227	1.10	<.03	261 to 261.25m 5 deg TCA slip frac with orange brown carb+calcite with py		
ML11-01	261.30	262.80	B53228	1.50	<.03	minor qtz+calcite stringers, tr py		
ML11-01	262.80	263.40	B53229	0.60	<.03	263.2m two 0.4cm and 1.25cm wide conjugate qtz+calcite vn's at 45 and 30 deg TCA with splash cpy		
ML11-01	263.40	264.40	B53230	1.00	<.03	tr py		
ML11-01	267.00	268.00	B53231	1.00	<.03	267.8m weak flt with chl+carb at 90 deg TCA		
ML11-01	**269.30**	**270.30**	**B53232**	**1.00**	**0.686**	**four 2mm wide parallel carb+epi stringers at 20 deg TCA <1% py + 2-4mm wide carb vnlets at 55 deg TCA**		
ML11-01	270.30	271.80	B53233	1.50	<.03	minor stringer-slips with orange brown carb+calcite, <1% py		
ML11-01	271.80	273.00	B53234	1.20	0.274	5% early grey qtz vnlets at 0 to 20 deg TCA + slips with orange brown carb with <0.1% cpy + 1 diss py		
ML11-01	**273.00**	**274.50**	**B53235**	**1.50**	**0.891**	**from 272 to 276.3m red-orange brown colour matrix perv oxy'd hem with 5% early grey qtz vn'ing + variable angle calcite +carb slips vnlets with cpy & 1% py**		
ML11-01	274.50	276.00	B53236	1.50	0.274	as above		
ML11-01	276.00	277.50	B53237	1.50	<.03	slips with calcite+carb+py		
ML11-01	277.50	279.00	B53238	1.50	<.03	as above, 278.6m 1.5cm wide calcite+qtz vn at 85 deg TCA		
ML11-01	279.00	280.00	B53240	1.00	<.03	carb+calcite slips tr py		
ML11-01	280.00	281.00	B53241	1.00	0.069	as above; <5% grey qtz vn'ing		
ML11-01	281.00	282.30	B53242	1.30	<.03	Flt with 1.5 cm wide calcite+carb+chl vn at 85 deg TCA; pink-white calcite+qtz stringers at 20 an 65to85 deg TCA with occasional cpy+spec hem		
ML11-01	282.30	283.00	B53243	0.70	0.069	from 282.3 to 300.3m 10-20% 1 to 7mm wide pink white calcite+carb + sometimes grey q vnlets/stress frac's at variable angles predom 45 to 85 deg TCA with occasional cpy + spec hem+ minor py; overall cpy concentration <0.4% ?		
ML11-01	blank		B53244		<.03			
ML11-01	283.00	284.50	B53245	1.50	0.206	as with 282.3 to 283m		
ML11-01	**284.50**	**286.00**	**B53246**	**1.50**	**0.480**	**as with 282.3 to 283m; at 284.8m 2cm wide grey-white qtz vn at 50 deg TCA with cpy at margins**		
ML11-01	286.00	287.50	B53247	1.50	0.274	as with 282.3 to 283m		
ML11-01	287.50	289.00	B53248	1.50	<.03	as with 282.3 to 283m		
ML11-01	289.00	290.50	B53249	1.50	<.03	as with 282.3 to 283m		
ML11-01	290.50	292.00	B53250	1.50	0.137	as with 282.3 to 283m		
ML11-01	292.00	293.50	B53251	1.50	<.03	as with 282.3 to 283m		
ML11-01	293.50	295.00	B53252	1.50	<.03	as with 282.3 to 283m		
ML11-01	295.00	296.50	B53253	1.50	<.03	as with 282.3 to 283m		
ML11-01	296.50	298.00	B53254	1.50	<.03	as with 282.3 to 283m		
ML11-01	298.00	299.50	B53255	1.50	<.03	as with 282.3 to 283m		
ML11-01	299.50	300.20	B53256	0.70	<.03	as with 282.3 to 283m		
ML11-01	*300.20*	*300.90*	*B53257*	*0.70*	*<.03*	*300.2 to 301.5m moderate hairline penetrative to non-penetrative hairline frac's with white qtz+carb+<5% grey white qtz vn'ing+3-5% mg diss py in network frac's at 0-20 deg TCA with chl+ minor cpy adjacent or on margins or within qtz+carb vnlets/slips; light pale brown colour to matrix*		
ML11-01	*300.90*	*301.50*	*B53259*	*0.60*	*<.03*	*as with 300.2 to 301.5m*		

Hole_ID	From	To	Sample_#	Length	Au ppm	Description	Au ppm_ck	Au ppm-ck2
ML11-01	301.50	303.00	B53260	1.50	<.03	5% 1 to 3mm wide pink white calcite+carb vn'ing; minor cpy on slips		
ML11-01	303.00	304.00	B53261	1.00	<.03	Flt at 303.3m with carb +chl at 45 deg TCA; 303.7 to 304m mod hairline frac'ing with 1-2% py		
ML11-01	304.00	305.00	B53262	1.00	<.03	10-20% 1-2mm wide pink calite and early grey white qtz stress frac's with <1% py + cpy at 55 to 7 deg TCA		
ML11-01	*305.00*	*306.00*	*B53263*	*1.00*	*0.34*	*20-25% early grey-white qtz vning up to 10 cm wide at 65 to 85 deg TCA with cpy within vn and at margins + 1% pt; pink-white calcite vn'ing with minor cpy*		
ML11-01	306.00	307.50	B53265	1.50	0.137	5-20% pink calcite vnlets 1to 3mm wide at variable angles + <5%1-2mm wide grey-white qtz vnlets at variable angles; 5-7% spec hem + cpy+ 1-2% mg diss py in slips/clots/vn margins/within vn's		
ML11-01	307.50	309.00	B53266	1.50	<.03	as with 306 to 307.5m		
ML11-01	309.00	310.50	B53267	1.50	<.03	as with 306 to 307.5m		
ML11-01	310.50	312.00	B53268	1.50	<.03	as with 306 to 307.5m		
ML11-01	312.00	313.50	B53269	1.50	0.069	as with 306 to 307.5m		
ML11-01	**313.50**	**315.00**	**B53270**	**1.50**	**0.549**	**as with 306 to 307.5m**		
ML11-01	315.00	316.50	B53271	1.50	0.343	as with 306 to 307.5m; flt at 315.9 to 317.7m with calcite+chl at 0 deg TCA		
ML11-01	316.50	318.00	B53272	1.50	<.03	as with 306 to 307.5m		
ML11-01	318.00	319.50	B53273	1.50	0.069	as with 306 to 307.5m		
ML11-01	319.50	321.00	B53274	1.50	0.137	as with 306 to 307.5m; 320.3 to 320.6m Flt at 10 deg TCA with calcite+chl		
ML11-01	321.00	322.50	B53275	1.50	0.137	as with 306 to 307.5m		
ML11-01	322.50	324.00	B53276	1.50	0.274	as with 306 to 307.5m; flt at 323.6m Flt at 40 deg TCA		
ML11-01	324.00	325.50	B53277	1.50	<.03	as with 306 to 307.5m		
ML11-01	325.50	327.00	B53278	1.50	<.03	as with 306 to 307.5m		
ML11-01	327.00	328.50	B53280	1.50	0.274	as with 306 to 307.5m		
ML11-01	328.50	330.00	B53282	1.50	0.206	as with 306 to 307.5m		
ML11-01	330.00	331.50	B53283	1.50	0.206	as with 306 to 307.5m		
ML11-01	**331.50**	**333.00**	**B53284**	**1.50**	**0.549**	**as with 306 to 307.5m**		
ML11-01	333.00	334.50	B53285	1.50	0.069	as with 306 to 307.5m		
ML11-01	334.50	336.00	B53286	1.50	<.03	as with 306 to 307.5m		
ML11-01	336.00	337.00	B53287	1.00	0.343	gradational change from magnetitc to non-magnetic QFP at 336.2m; minor calcite hairline frac' <2% grey-white qtz vnlet; <1% py		
ML11-01	**337.00**	**338.00**	**B53288**	**1.00**	**0.480**	**337 to 337.7m slips +flt at 15 deg TCA with ser+chl and sil+dol vn'ing; <1% py**		
ML11-01	338.00	339.00	B53289	1.00	0.069	<1% py		
ML11-01	339.00	340.50	B53290	1.50	<.03	5-10% calcite +chl vn'ing at 0-10 deg TCA with minor cpy		
ML11-01	340.50	342.00	B53291	1.50	<.03	as above		
ML11-01	342.00	343.00	B53292	1.00	<.03	Flt at 342.3m at carb+chl+calcite at 40 deg TCA 1.5cm wide vn; start of ser+chl perv alt'n; 5% gre white qtz vn'ing; <2% sil+dol vn'ing; <1% diss fg py in matrix		
ML11-01	343.00	343.90	B53293	0.90	0.206	<1% fg diss euhedral py in matrix and occasional mg diss py in grey qtz vn's or in sil+dol vn's; <5% pink to white carb+calcite stringers; hairline frac's with chl with minor py; strong perv ser & chl alt'n		
ML11-01	**343.90**	**345.00**	**B53294**	**1.10**	**0.480**	**as with 343 to 343.9m; 344.7 <0.5 cm wide sil+dol vn with 5% mg py**		
ML11-01	345.00	346.50	B53295	1.50	<.03	as with 343 to 343.9m		

Hole_ID	From	To	Sample_#	Length	Au ppm	Description	Au ppm_ck	Au ppm-ck2
ML11-01	346.50	347.50	B53296	1.00	0.137	as with 343 to 343.9m; increase in py 1-2% in irregular chl frac's		
ML11-01	347.50	348.50	B53297	1.00	0.137	as with 343 to 343.9m; increase in stress frac's with sil+dol+minor pink calcite at 45 to 55 deg TCA		
ML11-01	348.50	349.50	B53298	1.00	<.03	as with 343 to 343.9m		
ML11-01	349.50	350.00	B53299	0.50	<.03	as with 343 to 343.9m		
ML11-01	350.00	351.00	B53300	1.00	0.137	as with 343 to 343.9m; 350.4 to 350.7m 0.4cm wide sil+dol vn with 10% diss py at 10 deg TCA; 1 20% sil+dol vn'ing		
ML11-01	351.00	352.00	B53302	1.00	0.411	as with 343 to 343.9m; 1-2% diss py in frac's + 351.6 to 351.8m hydrothermal bx		
ML11-01	352.00	353.00	B53303	1.00	<.03	as with 343 to 343.9m		
ML11-01	353.00	354.00	B53305	1.00	0.137	as with 343 to 343.9m; 25-35% sil dol vn'ing at 20 to 25 deg TCA		
ML11-01	354.00	355.50	B53306	1.50	<.03	as with 343 to 343.9m;		
ML11-01	355.50	357.00	B53307	1.50	<.03	as with 343 to 343.9m; 15% sil+dol vn'ing at 0 to 25 deg TCA		
ML11-01	357.00	358.00	B53308	1.00	<.03	1% fg diss euhedral py; <5% grey qtz 1-3mm wide		
ML11-01	358.00	358.80	B53309	0.80	<.03	5-10% pink-white carb in stress frac's; 1% diss fg py		
ML11-01	358.80	359.80	B53310	1.00	0.069	increase in frac'ing + perv carb+ dk qtz 1mm wide + grey vn with cpy+mo + 1-2% diss py in frac' possible wk Flt at 359m at 35 deg TCA with minor gouge		
ML11-01	359.80	360.70	B53312	0.90	<.03	1-3% diss py; Flt with 1.5cm calcite vn at 20-25 deg TCA at 360.4 to 360.5m		
ML11-01	360.70	361.70	B53313	1.00	<.03	at 361m 20 deg TCA 2cm wide calcite+qtz; 1% diss py in frac's		
ML11-01	361.70	362.80	B53314	1.10	<.03	<1% diss py		
ML11-01	362.80	363.60	B53315	0.80	<.03	as above		
ML11-01	363.60	364.60	B53316	1.00	<.03	364 to 364.3m two calcite+chl vn's at 35 to 40 deg TCA 0.5 to 3 cm wide with 1% dis py		
ML11-01	364.60	365.70	B53317	1.10	<.03	365.3 to 365.5m frac'ing with diss py; overall 1-2% diss py		
ML11-01	365.70	367.20	B53319	1.50	<.03	occasional 1mm vnlets with calcite +carb at 15 to 45 deg TCA; 1% diss py		
ML11-01	367.20	368.00	B53320	0.80	<.03	as above; at 367.8m 2 cm wide calcite+chl vn at 40 deg TCA with 2% dis py at margins		
ML11-01	368.00	369.00	B53321	1.00	<.03	mod hairline frac'ing with 1-2diss py		
ML11-01	369.00	370.00	B53322	1.00	<.03	<5% early grey qtz vnlets + calcite vnlets; 1-2% diss py in hairline frac's		
ML11-01	370.00	371.00	B53323	1.00	<.03	370.5m 1.5cm calcite +chl+minor py at 50 deg TCA, along slips?		
ML11-01	371.00	372.50	B53324	1.50	<.03	1% diss py		
ML11-01	372.50	374.00	B53325	1.50	<.03	infrequent calcite vnlets and one to two 1-2mm wide grey vnlets		
ML11-01	374.00	375.50	B53326	1.50	<.03	1-2% diss fg py euhedral in matrix and along slips + occasional spec hem on slips with calcite; <2' calcite vn'lets and grey qtz vn's		
ML11-01	375.50	377.00	B53327	1.50	<.03	as above; 376.3 to 376.7calcite vn+ chl along slip at 15 deg TCA with minor grey qtz vn'ing		
ML11-01	377.00	378.50	B53328	1.50	<.03	as above		
ML11-01	378.50	380.00	B53329	1.50	<.03	as above		
ML11-01	380.00	380.70	B53330	0.70	<.03	as above		
ML11-01	380.70	381.40	B53331	0.70	<.03	380.7 to 381.1m weak frac zone, frac's generally at 55 deg TCA with carb +dol +qtz +mo +py + we ser		
ML11-01	381.40	382.70	B53333	1.30	<.03	382.4-382.5m low angle Flt with chl +carb+calcite 10 deg TCA minor py		
ML11-01	382.70	383.30	B53334	0.60	<.03			
ML11-01	383.30	384.00	B53336	0.70	<.03	383.5 to 383.55m qtz+calcite+carb vn at 90 deg TCA along possible flt-slips with 2-5% py c margins; <2% calcite vn's		

Hole_ID	From	To	Sample_#	Length	Au ppm	Description	Au ppm_ck	Au ppm-ck2
ML11-01	384.00	385.00	B53337	1.00	<.03	1% diss py in matrix with calcite in stress frac's		
ML11-01	385.00	386.00	B53338	1.00	<.03	10% calcite vn'ing + <2% grey qtz vn'ing		
ML11-01	386.00	386.90	B53339	0.90	<.03	1% diss py		
ML11-01	386.90	387.70	B53340	0.80	<.03	flt at 387m at 25 deg TCA with carb+calcite+chl		
ML11-01	*387.70*	*388.70*	*B53341*	*1.00*	*<.03*	*at 387.7 gradational alt'n change becoming more perv ser+chl; 388.6 to 398m strong ser+chl alt'n; in this section 15-20% qtz+dol vn'ing 1 to 3.5cm in width at 20 deg TCA and 90 deg TCA and 3-7% diss py on margins and in vn's*		
ML11-01	388.70	390.00	B53342	1.30	<.03	as with 387.7 to 388.7m; 389.5 to 389.8m 15% pale orange + grey white qtz dol vnlets with 1-2 diss py generally at 0 deg TCA		
ML11-01	390.00	391.10	B53343	1.10	<.03	as with 387.7 to 388.7m; <2% vn'ing		
ML11-01	391.10	392.00	B53344	0.90	<.03	as with 387.7 to 388.7m; 10% qtz+dol vn'ing, 1% fg diss py		
ML11-01	392.00	393.00	B53345	1.00	<.03	as with 387.7 to 388.7m; 392.3m Flt 65 deg TCA with adjacent 10cm wide dol+qtz vn		
ML11-01	393.00	394.00	B53346	1.00	<.03	as with 387.7 to 388.7m; 20% qtz+dol vn'ing with weak frac'ing with 1-3% diss mg py		
ML11-01	394.00	394.90	B53348	0.90	0.21	as with 387.7 to 388.7m; 15% qtz+dol bx from 394.2 to 394.3m, 394.5 to 394.8m med grey qtz \ with minor cpy+minor py		
ML11-01	394.90	395.90	B53350	1.00	<.03	as with 387.7 to 388.7m; <2% vn'ing; tr py		
ML11-01	395.90	396.60	B53351	0.70	<.03	as with 387.7 to 388.7m; weak frac'ing with 2-5% diss py; 5% qtz+dol vn'lets		
ML11-01	396.60	397.30	B53352	0.70	0.069	as with 387.7 to 388.7m; 1-2% diss py in hairline frac's; grey qtz vn'ing		
ML11-01	397.30	398.50	B53353	1.20	<.03	10% calcite vn'ing with chl frac's having 1-3% diss py in frac's; minor grey qtz vn'ing		
ML11-01	401.50	403.00	B53354	1.50	0.137	10% calcite vn'ing		
ML11-01	405.00	406.50	B53355	1.50	0.069	405.3m 0.75 carb+calcite vn at 30 deg TCA along slips; 10% dol+qtz vn'ing at 55 to 10 deg TCA; c frac's with 1% diss py		
ML11-01	406.50	408.00	B53356	1.50	<.03	407.16 to 407.4m Flt with 90% qtz+dol vn+chl at 30 deg TCA; 1% diss py in hairline frac's		
ML11-01	408.00	409.50	B53357	1.50	<.03	5-10% calcite vn'ing		
ML11-01	409.50	410.20	B53358	0.70	0.14	at 409.6m two calcite vn's 1-3mm wide at 60 and 10 deg TCA with mo+cpy+py; other frac's wi calcite +mo py		
ML11-01	410.20	411.40	B53359	1.20	<.03	5% calcite vn'ing		
ML11-01	411.40	412.40	B53360	1.00	0.07	411.7m 4cm wide qtz vn with blue, transparent, columnar xstals - andalusite?, 0 deg TCA calcite \ 2mm wide from 411.8 to 412.4m		
ML11-01	412.40	413.50	B53361	1.10	<.03	weak frac'ing at 45 deg TCA with chl+calcite on slips with 1% fg py		
ML11-01	415.50	417.00	B53362	1.50	<.03	10% calcite vn'ing with spec hem + fg cpy		
ML11-01	417.00	418.10	B53363	1.10	<.03			
ML11-01	**422.00**	**423.50**	**B53364**	**1.50**	**0.75**	**422.5 to 423m 1 to 3mm wide sheeted grey qtz vn'ing and 3cm wide vn'ing with ~0.4% cpy a 60 to 65 deg TCA; overall 35% vn'ing**		
ML11-01	423.50	424.70	B53365	1.20	<.03	<5% grey vn'ing and pink white calcite - carb vn'ing; flt-slip at 423.5m at 15 deg TCA		
ML11-01	430.70	431.50	B53366	0.80	<.03	flt - shear at 430.9m at 40 deg TCA, 3cm wide carb+calcite +chl vn; 1-3% fg diss py in matrix		
ML11-01	437.00	438.50	B53367	1.50	0.34	very blocky ground; ~10% grey white qtz vn'ing with fg cpy		
ML11-01	**438.50**	**439.50**	**B53368**	**1.00**	**0.48**	**as above but 15 to 20% grey qtz vn'ing with fg cpy**		
ML11-01	439.50	441.00	B53369	1.50	<.03	blocky grnd, 5% pink calcite vnlets; minor spec hem on slips, 5cm wide grey vn at 395.5m with cpy		
ML11-01	441.00	442.50	B53370	1.50	<.03	as above but 5% grey vn'ing having fg cpy		

Hole_ID	From	To	Sample_#	Length	Au ppm	Description	Au ppm_ck	Au ppm-ck2
ML11-01	442.50	444.00	B53371	1.50	<.03	as above		
ML11-01	444.00	444.70	B53372	0.70	<.03	444.4 to 451.7m increase in perv ser altn, perv chl+ carb alt'n; frac'ing+slips at 20 to 40 deg TCA with chl+carb+fg py + cpy, possible Brittle Stress Zone and may be related to Zone in LB09-?; 5-10% mg diss py euhedral in matrix + 3-5% fg diss py in frac's-slips with cpy; greyqtz vn'ing up to 10 cm wide with cpy in hairline frac's		
ML11-01	444.70	445.60	B53373	0.90	<.03	as with 444 to 444.7m; narrow slip 2mm wide at 445.4m with strong py at 35 deg TCA; 10% grey qtz vn'ing		
ML11-01	445.60	446.50	B53375	0.90	0.960	as with 444 to 444.7 but 10% carb+chl slips with py		
ML11-01	446.50	447.40	B53376	0.90	<.03	as with 444 to 444.7 but with network frac's with carb+calcite+chl		
ML11-01	447.40	448.50	B53378	1.10	<.03	weak section of frac'ing <5% vn'ing		
ML11-01	448.50	450.00	B53379	1.50	<.03	weak section of frac'ing <5% vn'ing		
ML11-01	450.00	450.50	B53380	0.50	<.03	approx 5% grey vn'ing with fg cpy		
ML11-01	450.50	451.30	B53381	0.80	<.03	20% grey qtz vn'ing with fg cpy; 10cm wide vn at 451.1m at 40 deg TCA		
ML11-01	451.30	451.80	B53382	0.50	0.480	5% grey qtz vn'ing; at 451.6m 3cm wide carb+calcite vn with chl margins and 5-7% diss py at 65 deg TCA		
ML11-01	451.80	453.00	B53383	1.20	1.20	10% grey qtz vn'ing with fg cpy + spec hem	1.166	1.234
ML11-01	453.00	454.00	B53384	1.00	1.34	65% grey qtz vn.ing with fg cpy+ spec hem+ possible tr mo	1.166	1.509
ML11-01	454.00	455.00	B53385	1.00	0.549	5% grey qtz vnlets; calcite slips with spec hem		
ML11-01	455.00	456.00	B53386	1.00	0.206	as above		
ML11-01	459.00	460.00	B53387	1.00	<.03	as with 454 to 455m		
ML11-01	460.00	461.10	B53388	1.10	0.343	15 to 20% grey qtz vn'ing with fg cpy		
ML11-01	461.10	462.10	B53389	1.00	0.069	as with 454 to 455m		
ML11-01	467.50	468.20	B53390	0.70	<.03	1-3% diss py on slips with 5% calcite vn'ing		
ML11-01	477.00	478.00	B53391	1.00	<.03	5-10% grey qtz vn'ing with fg py and cpy		
ML11-01	478.00	478.80	B53392	0.80	0.069	as above		
ML11-01	478.80	479.60	B53393	0.80	0.617	479 to 479.3m localized shear with carb+chl+8-10% mg py at 20 - 25 degTCA; 3-5% fg diss py at margins of shear		
ML11-01	479.60	481.00	B53394	1.40	<.03	1-3% fg py in matrix; 5% qtz+calcite vn'ing		
ML11-01	481.00	482.50	B53395	1.50	<.03	1% diss py on slips; qtz+calcite vn'ing at 482.45m		
ML11-01	482.50	483.00	B53396	0.50	0.069	483.6 to 483.7m bx with carb healing; at 0 deg TCA; <5% carb vnlets		
ML11-01	483.00	484.50	B53397	1.50	<.03	5-10% qtz+calcite vn'ing; tr py in matrix		
ML11-01	484.50	486.00	B53398	1.50	0.274	as above; some cpy in frac's near 486m		
ML11-01	486.00	486.80	B53399	0.80	0.137	10% calcite+carb vn'ing		
ML11-01	486.80	488.00	B53400	1.20	0.411	486.8m and 487.4 to 490m Flt at 0 deg TCA with chl+mo along slips and strong calcite+qtz vn'ing 0 deg TCA with 1-5% py and 0.3% cpy; Flt at contact with QFP and Syenite		
ML11-01	488.00	489.00	B53401	1.00	0.480	60% calcite+qtz+chl at 0 deg TCA with cpy+mo		
ML11-01	489.00	490.30	B53402	1.30	0.754	25% calcite+carb +qtz vn'ing at 0 deg TCA with fg cpy+mo; 10-12% fg diss py		
ML11-01	490.30	491.80	B53403	1.50	<.03	5% calcite vn'ing tr py		
ML11-01	491.80	493.50	B53405	1.70	0.274	tr cpy on slips; 5% qtz and calcite vn'ing		
ML11-01	493.50	495.00	B53406	1.50	<.03	<5% vn'ing tr py		
ML11-01	499.10	500.10	B53407	1.00	0.274	1-3% diss py in frac'd section with perv carb alt'n; 10% grey qtz + calcite vnlets		

Hole_ID	From	To	Sample_#	Length	Au ppm	Description	Au ppm_ck	Au ppm-ck2
ML11-01	503.50	504.50	B53414	1.00	<.03	moly on slips with cpy and 1% fg py		
ML11-01	504.50	505.80	B53409	1.30	<.03	10-20% irregular qtz+calcite vn'ing		
ML11-01	509.70	510.80	B53410	1.10	<.03	weak frac'ing; <1% diss py		
ML11-01	510.80	511.80	B53411	1.00	0.411	510.8 to 512m localized shear with 5-7% diss py, shearing at 50 to 60 deg TCA with ser+chl alt'n, 1 20% qtz vn'ing		
ML11-01	511.80	513.00	B53412	1.20	0.343	5-10% qtz+calcite vn'ing, tr py		
ML11-01	513.00	514.50	B53413	1.50	<.03	5-10% calcite vn'ing occasional vn's with splash of cpy		
ML11-01	514.50	516.00	B53415	1.50	<.03			
ML11-01	516.00	517.10	B53416	1.10	0.137	5% calcite+carb vn'ing; tr cpy		
ML11-01	***517.10***	***518.10***	***B53417***	***1.00***	***0.411***	***517.2 to 517.3m qtz vn with splash of cpy ~1%; other qtz+calcite vn'ing ~10% with tr py and cpy***		
ML11-01	***518.10***	***519.00***	***B53419***	***0.90***	***0.960***	***518.5-518.9m 40 cm wide qtz vn+minor calcite with ~10% cpy + mo in hairline frac's, vn at 6(deg TCA***		
ML11-01	519.00	520.50	B53421	1.50	0.069	<5% qtz+calcite vn'ing+ tr cpy+tr py		
ML11-01	520.50	522.00	B53422	1.50	<.03	as above		
ML11-01	522.00	522.70	B53423	0.70	<.03	522.5m parallel qtz-carb vn'ing at 50 deg TCA with splash of cpy		
ML11-01	522.70	524.20	B53424	1.50	<.03	<5% qtz+calcite vn'ing+ tr cpy+tr py		
ML11-01	524.20	525.00	B53425	0.80	<.03	524.3 to 525m 90% qtz vn at 40 deg TCA, no observed mineralization		
ML11-01	531.00	532.10	B53426	1.10	<.03	5% vnlet 1-3mm wide predom 15 deg TCA; tr cpy		
ML11-01	**532.10**	**533.00**	**B53427**	**0.90**	**0.754**	**15-20% qtz vn'ing with minor cpy**		
ML11-01	533.00	534.50	B54942	1.50	<.03	INFILL- ADDED DUE TO GAP		
ML11-01	**534.50**	**535.50**	**B53428**	**1.00**	**0.754**	**at 534.7m 1.2cm wide vn at 20 deg TCA with 1% cpy; other 5% carb stringers**		
ML11-01	535.50	536.50	B53429	1.00	<.03	negl carb stringers		
ML11-01	**536.50**	**537.50**	**B53430**	**1.00**	**0.686**	**5% carb stringer widely spaced , tr cpy**		
ML11-01	541.00	541.90	B53431	0.90	0.274	cpy in multiple stringer vn's widely spaced from each other		
ML11-01	546.60	548.00	B53437	1.40	0.069	5% qtz+carb vn'ing tr cpy		
ML11-01	**548.00**	**549.00**	**B53438**	**1.00**	**0.891**	**cpy + mo in qtz+minor carb vnlets + mo on slips**		
ML11-01	551.50	552.80	B53432	1.30	0.206	up to 2cm wide grey qtz with cpy; 8cm wide calcite vn without mineralization, both at 25 to 35 d TCA		
ML11-01	**552.80**	**553.80**	**B53433**	**1.00**	**1.10**	**5-10% qtz+carb vn'ing tr cpy**	**1.097**	**1.097**
ML11-01	560.00	561.00	B53434	1.00	<.03	flt? at 560.3m at 0 deg TCA with carb + chl		
ML11-01	561.00	562.50	B53435	1.50	<.03	10% widely spaced carb+qtz stringers		
ML11-01	562.50	564.00	B53436	1.50	<.03	10% widely spaced carb+qtz stringers		
ML11-02	7.00	7.50	B53439	0.50	0.137	qtz+carb+calcite vn at 70 to 90 deg TCA from 7.1 to 7.3m		
ML11-02	12.50	13.80	B53440	1.30	<.03	<1% diss fg py		
ML11-02	13.80	14.50	B53441	0.70	<.03	13.9 to 14.1m 5-7% fg py adjacent to 30 deg TCA possible Flt-Slip with carb+chl		
ML11-02	14.30	16.00	B53443	1.70	<.03	tr py		
ML11-02	16.00	16.80	B53444	0.80	<.03	at 16.4m contact Cngl - FP with fg py in 2mm wide frac with calcite+epi vn at 60-65 deg TCA		
ML11-02	16.80	18.00	B53445	1.20	<.03	weak frac'ing with epi+carb+py		
ML11-02	19.90	21.10	B53446	1.20	<.03	19.9 to 20.3 qtz+calcite vn at 10 deg TCA 1 cm wide; FP-Cngl contact at 21.1m		
ML11-02	22.50	23.60	B53447	1.10	<.03	<5% qtz stringers + vning		

Hole_ID	From	To	Sample_#	Length	Au ppm	Description	Au ppm_ck	Au ppm-ck2
ML11-02	23.60	24.50	B53449	0.90	<.03	23.75 to 24.3m qtz+calcite+chl+epi at 10 deg TCA; 1% fg py on margins		
ML11-02	24.50	26.00	B53450	1.50	<.03	25.2 to 25.4m qtz vn with spot of cpy at 5 deg TCA		
ML11-02	26.00	27.50	B53451	1.50	<.03	qtz + epi+carb vn'ing <5%		
ML11-02	27.50	29.00	B53452	1.50	<.03	as above		
ML11-02	29.00	30.00	B53453	1.00	<.03	29.2 to 29.6m 3-5% fg diss py frac'd section with apossible Flt at 29.5m at 45 deg TCA with car +calcite		
ML11-02	37.00	38.10	B53454	1.10	<.03	epi+carb 0.5 cm wide in flt at 75 deg TCA + calcite+epi vn at 37.75 to 37.9m at 70 deg TCA		
ML11-02	40.00	40.60	B53455	0.60	<.03	40.5m slips with carb vn'ing + chl+ tr py at 85 deg TCA		
ML11-02	47.80	49.00	B53456	1.20	<.03	contact Cngl - FP		
ML11-02	56.40	57.40	B53457	1.00	0.069	multpile qtz and qtz+dol vn's 1-3mm wideat 35 to 45 deg TCA; 1-3% spec hem+chl		
ML11-02	62.00	63.50	B53458	1.50	<.03	shear-flt zone with modser+chl and 2-5% leuc flecs; 1% diss fg py in qtz+dol vnlets		
ML11-02	63.50	65.00	B53459	1.50	<.03	63.9 to 64.2m Flt-Bx 55 to 65 deg TCA with qtz+dol vn'ing+ chl + bx; tr py		
ML11-02	65.00	66.00	B53460	1.00	<.03	slips + frac's at 25 to 30 deg TCA+ calcite vn'ing at 0 deg TCA with minor cpy; Cngl-FP contact a 65.7m		
ML11-02	66.00	67.40	B53461	1.40	<.03	FP - multiple frac's 1-5mm wide with qtz+dol+carb+chl at 10 to 30 deg TCA		
ML11-02	68.90	70.20	B53462	1.30	<.03	1mm wide frac's with carb+chl+minor calcite at 45 deg tca with later frac's at 25 deg TCA with chl		
ML11-02	85.50	86.70	B53463	1.20	<.03	1% dis py in matrix; perv chl weak in FP		
ML11-02	86.70	87.20	B53464	0.50	<.03	1% diss py in matrix; 3.5 cm wide qtz+carb+chl vn at 90 deg TCA with tr py		
ML11-02	87.20	88.00	B53465	0.80	<.03	tr py		
ML11-02	95.00	95.70	B53466	0.70	<.03	80-85 deg TCA carb+chl vn'ing at 0.25 to 0.5 cm wide		
ML11-02	104.30	105.00	B53467	0.70	<.03	fine frac'ing with chl+carb; <1% py		
ML11-02	105.00	106.50	B53468	1.50	<.03	fine weak frac'ing with chl + carb; tr py		
ML11-02	109.00	110.50	B53469	1.50	<.03	sporadic fine frac's at 45 to 55 deg TCA with tr fg py		
ML11-02	111.60	112.30	B53470	0.70	<.03	111.9 to 112.1m breccia horizon at 10 deg TCA 2cm wide with 1% py		
ML11-02	119.00	120.50	B53472	1.50	<.03	multiple stress frac's 2mm to 4mm wide at 55 to 75 deg tca with qtz + epi; 5 deg Tca flt at 119.5 120m with qtz + dol		
ML11-02	120.50	121.70	B53473	1.20	<.03	at 121.4m 2cm wide qtz+epi vn at 45 deg tca; other qtz + chl 4mm wide vn'ing at 35 deg TCA opposite direction; other drusy red brown vn'ing from 121.2 to 121.7m		
ML11-02	127.60	128.50	B53474	0.90	<.03	strng micro network frac'ing; no mineralization		
ML11-02	128.50	129.30	B53475	0.80	<.03	65-70% qtz+calcite+minor chl vn'ing at Argillite+FP contact; no visible py		
ML11-02	129.30	130.80	B53476	1.50	0.206	red brown oxy'd matrix; wk frac'ing at 55 to 20 deg TCA with 1% py in frac'ing; 10% qtz+calci vn'ing		
ML11-02	130.80	132.00	B53478	1.20	<.03	5% hairline carb+calcite vn'ing with <1% py		
ML11-02	132.00	133.00	B53479	1.00	<.03	two to three frac's with chl+calcite; negl py		
ML11-02	133.00	134.20	B53480	1.20	<.03	as above		
ML11-02	134.20	135.00	B53481	0.80	<.03	135.4m 4cm wide grey qtz vn at 50 to 55 deg TCA with tr py; 0.25cm wide carb+chl vn at 20 de TCA with negl py		
ML11-02	135.00	136.00	B53483	1.00	<.03	two different frac+vn's with carb+chl at 25 deg TCA with 1% py at margins of vn's; 135.9m Flt at 2 deg TCA		
ML11-02	136.00	137.50	B53484	1.50	<.03	136.9m 10 deg TCA flt-slip with carb+chl+assoc stress frac's with 1% diss py		
ML11-02	137.50	139.00	B53485	1.50	<.03	138.2m 0.1 cm carb vn at 80 deg TCA with 1% py		

Hole_ID	From	To	Sample_#	Length	Au ppm	Description	Au ppm_ck	Au ppm-ck2
ML11-02	139.00	140.70	B53486	1.70	<.03	multiple frac's with chl + carb vn/ing at 20 to 35 deg TCA		
ML11-02	140.70	141.80	B53487	1.10	<.03	140.8m to 141.7m light brown matrix with chl'd pheno's with 2-3% diss py in chl + frac's; 140.8 t 140.95m flt bx at 15 deg TCA		
ML11-02	144.20	145.30	B53488	1.10	<.03	144.8m 3cm wide carb+calcite vn at 50 deg TCA and 0.5cm multi vn's at 25 to 30 deg TCA with py		
ML11-02	150.30	151.00	B53489	0.70	<.03	150.42-150.44m slip at 60 deg TCA; at 150.8m start of red oxy'd frac's with carb; tr py		
ML11-02	151.00	152.30	B53491	1.30	<.03	mod stress frac's with red oxy'd frac's with carb; tr py		
ML11-02	152.30	153.20	B53492	0.90	<.03	as above frac's at 15 to 25 deg TCA		
ML11-02	154.80	155.40	B53493	0.60	<.03	15% carb + calcite v'ing; negl py		
ML11-02	155.40	156.20	B53494	0.80	<.03	155.75 to 156.03m brown matrix with mod perv carb + chl in strng frac's and 5-7% diss py		
ML11-02	156.20	157.40	B53495	1.20	<.03	10% carb vn'ing; negl py		
ML11-02	159.50	160.60	B53496	1.10	<.03	160m 4 cm section with 3-5% py in hairline frac's		
ML11-02	160.60	162.00	B53497	1.40	<.03	161.1 and 161.25m 3mm wide frac's at 50 deg TCA with chl + py; overall 1% py		
ML11-02	163.70	164.50	B53498	0.80	<.03	163.8 to 164.45m strong frac'ing with chl+ perv carb alt'n; grey-brown matrix with 5-7% diss py frac's		
ML11-02	164.50	165.50	B53499	1.00	<.03	0.5cm wide vn bx at 45 deg TCA at 164.55m and 165.45m 1cm wide qtz+calcite vn at 80 deg TCA overall 1% py		
ML11-02	168.20	169.70	B53500	1.50	<.03	5%pink calcite+carb vn'ing variable angles minor cpy		
ML11-02	169.70	171.00	B53501	1.30	<.03	as above		
ML11-02	171.00	172.10	B53502	1.10	0.206	0 deg TCA qtz+calcite vn 0.25 cm wide		
ML11-02	172.10	172.60	B53503	0.50	<.03	3-5% diss py in frac's with perv carb+ grey white qtz vn + calcite vnlets		
ML11-02	**172.60**	**173.50**	**B53504**	**0.90**	**0.549**	**172.6 to 172.8 m shear zone with 90% carb+calcite+chl at 75 deg TCA; 3-5% diss py in matrix chl frac's + 65 and 20 deg TCA carb vn's**		
ML11-02	173.50	174.50	B53505	1.00	<.03	<5% carb vn'ing; negl py		
ML11-02	174.50	175.50	B53506	1.00	0.07	175m 2 cm wide qtz vn at 75 deg TCA with minor cpy; overall 5% qtz+ calcite vn'ing		
ML11-02	175.50	177.00	B53507	1.50	0.069	5% qtz+ calcite vn'ing; tr py		
ML11-02	180.50	181.50	B53508	1.00	<.03	variable red-brown calcitic vn'lets 1mm wide with cpy+ py; overall 1% py		
ML11-02	189.00	190.50	B53509	1.50	<.03	5% grey white qtz vnlets; tr py		
ML11-02	190.50	191.80	B53510	1.30	<.03	wk red brown ox'd matrix with hairline stress frac's with white carb+minor chl + tr py		
ML11-02	191.80	192.60	B53511	0.80	<.03	ligh beige colour matrix with fine hairline frac's with carb+qyz+chl + 1% py; predom frac's at 45 de TCA		
ML11-02	192.60	193.60	B53513	1.00	<.03	as above but less frac'ing		
ML11-02	193.60	195.00	B53514	1.40	<.03	negl py; <5% carb+qtz vn'lets		
ML11-02	195.00	196.00	B53515	1.00	0.069	perv grey sil from 195.1 to 195.5m with 1-2% fg diss py and cpy and 20 deg TCA flt with carb vn a 195.5m		
ML11-02	196.00	197.00	B53517	1.00	<.03	<5% qtz+carb vnlets; negl py		
ML11-02	201.20	202.20	B53518	1.00	<.03	5% qtz+carb+ minor chl 1mm wide with rare cpy + tr py		
ML11-02	204.80	205.80	B53519	1.00	<.03	205m 1cm with calcite+qtz+chl at 15 deg TCA; tr py		
ML11-02	205.80	206.80	B53520	1.00	<.03	mod perv sil+carb starts at 205.9 to 206.8m with strong network frac'ing with chl; 3-7% diss euhedr py in frac's		
ML11-02	206.80	207.60	B53521	0.80	<.03	sil+carb alt'n weak with weak frac'ing 1-3% py		

Hole_ID	From	To	Sample_#	Length	Au ppm	Description	Au ppm_ck	Au ppm-ck2
ML11-02	215.80	217.50	B53522	1.70	<.03	at 215.85m calcite + carb vn at 15 deg TCA; brown carb on multiple slips with minor cpy + tr py		
ML11-02	228.50	229.90	B53523	1.40	<.03	approx 15-20% - 2-5mm wide white carb+ calcite vn'ing at 0 to 20 deg TCA with minor cpy		
ML11-02	229.90	231.00	B53524	1.10	<.03	approx 5% - 2mm wide white carb+ calcite vn'ing at 0 to 20 deg TCA with minor cpy		
ML11-02	234.50	235.50	B53525	1.00	0.069	25% carb+calcite vn'ing at 0 deg TCA with 1-3% diss py; 3-5% diss py in matrix from 235 to 235.5m		
ML11-02	242.60	243.80	B53526	1.20	<.03	5% 1mm wide stress frac's with calcite + carb		
ML11-02	*243.80*	*244.50*	*B53528*	*0.70*	*<.03*	*3-5% diss py in network frac'ing with chl + beige brown coloured matrix with strong perv carb*		
ML11-02	*244.50*	*245.50*	*B53530*	*1.00*	*<.03*	*3-5% py in network frac'ing, weakens at 245.3m; 5% qtz+carb vn'ing*		
ML11-02	245.50	246.50	B53531	1.00	<.03	5-10% carb+calcite vn'ing at 20 to 30 deg TCA; 1cm wide hairline frac's at 30 deg TCA with 3-5% py		
ML11-02	248.40	249.20	B53532	0.80	<.03	5-8% white cab vn'ing at 55 to 85 deg TCA with tr cpy + tr py		
ML11-02	251.10	252.50	B53533	1.40	<.03	red brown ox'd colour in frac's (possible oxy'd spec hem); 1-2% diss py in frac's		
ML11-02	252.50	253.50	B53534	1.00	0.069	at 255.4m 1mm wide calcite vn at 40 to 45 deg TCA with mod cpy; 253.1 to 253.5m 1 cm wic vuggy qtz+calcite vn at 10- 15 deg TCA with 5% cpy		
ML11-02	253.50	254.00	B53535	0.50	<.03	<5% qtz+carb vning; negl cpy		
ML11-02	261.40	262.50	B53536	1.10	<.03	261.9m 3cm wide carb vn at 60 deg TCA tr cpy; 5% other carb vn's		
ML11-02	267.30	268.00	B53537	0.70	<.03	qtz + calcite stringers at 10-15 deg TCA; negl cpy		
ML11-02	268.00	268.50	B53538	0.50	0.274	268.05 to 268.3m qtz + calcite vn vuggy + chl+tr cpy; 268.4m 3cm vn at 75 deg TCA with chl + cpy		
ML11-02	268.50	269.50	B53539	1.00	<.03	5% qtz+calcite stringers at 15 deg TCA		
ML11-02	274.00	275.00	B53540	1.00	<.03	274.02 to 274.2m 3mm vuggy calcite vn at 0 deg TCA with negl cpy		
ML11-02	***275.00***	***276.20***	***B53541***	***1.20***	***2.058***	***275.1m 0.5cm wide vuggy calcite vn with cpy; 275.7 to 276.2m grey vn 2.5cm wide 0 deg TCA with <1% cpy; similar to KQS vn'ing***	**2.126**	**1.99**
ML11-02	276.20	277.20	B53543	1.00	<.03	carb+calcite in stress frac's; tr cpy		
ML11-02	277.20	278.00	B53544	0.80	<.03	5% calcite vn's with negl cpy		
ML11-02	283.50	285.00	B53545	1.50	<.03	5% discontinuous stress frac's with white carb		
ML11-02	285.00	286.30	B53547	1.30	<.03	5% discontinuous stress frac's with white carb		
ML11-02	286.30	287.80	B53548	1.50	<.03	weak frac'ing with perv chl+ carb+ wk ser		
ML11-02	*287.80*	*288.50*	*B53549*	*0.70*	*<.03*	*shear zone - moderate at 65 to 75 deg TCA with 3-5% py in chl + carb frac's + minor ser*		
ML11-02	blank		B53550		<.03			
ML11-02	288.50	289.60	B53551	1.10	<.03	5% qtz+carb vn'ing		
ML11-02	289.60	290.90	B53552	1.30	<.03	10-15% discontinuous stress frac's predominantly at 0 to 15 deg TCA with white carb with othe 1mm frac's at 90 deg TCA with py; overall <1% py		
ML11-02	292.90	293.50	B53553	0.60	<.03	15-20% discontinuous stress frac's with white carb; 1% diss py		
ML11-02	299.50	300.10	B53554	0.60	<.03	no visible sulphides		
ML11-02	300.10	301.10	B53555	1.00	<.03	15 to 25% vuggy calcite+qtz+chl at generally 0 to 15 deg TCA with a good splash of cpy 1c diameter in size at 301.5m		
ML11-02	301.10	301.70	B53556	0.60	<.03	<5% qtz+calcite vn'ing, no visible sulphides		
ML11-02	306.00	307.40	B53557	1.40	0.274	10% vuggy calcite+qtz vn's <2cm wide at low angles to TCA		
ML11-02	307.40	308.60	B53558	1.20	0.069	15-20% qtz+calcite vn'ing at 0-15 deg TCA with occasional cpy at clusters in vn's		
ML11-02	308.60	309.00	B53559	0.40	<.03	approx 5% occasional vuggy calcite+qtz+chl at <1 cm wide with cpy <0.2% overall		

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ML11-02	309.00	310.50	B53560	1.50	<.03	<5% calcite on slips		
ML11-02	310.50	312.00	B53561	1.50	<.03	5% calcite vn'ing <0.25 cm wide; negl py		
ML11-02	312.00	312.70	B53563	0.70	0.137	312-312.6m 0 deg TCA vuggy calcite+chl at 0.5 to 1.5cm wide with 5% cpy		
ML11-02	320.00	321.10	B53565	1.10	0.137	5% qtz+calcite+chl vn'ing; 55 to 65 deg TCA carb+caclite vn,ing 1-2mm wide		
ML11-02	321.10	321.60	B53566	0.50	0.069	321.3 to 321.45m calcite vn'ing at 75 to 80 deg TCA with splash of cpy		
ML11-02	321.60	323.00	B53567	1.40	<.03	10-15% carb vnlets at 45 to 80 deg TCA 1-3mm wide; negl py		
ML11-02	323.00	324.00	B53568	1.00	<.03	5% white-pink carb+calcite vnlets 1-3mm wide		
ML11-02	333.50	334.30	B53569	0.80	<.03	5% white carb and grey-white qtz vnlets 1-3mm wide		
ML11-02	*334.30*	*335.10*	*B53570*	*0.80*	*<.03*	*334.4m 25 deg TCA grey qtz vn 2 cm wide with 3-5% fg py within and at margins wo vn in chl; 334.8 to 334.9m multiple parallel carb+calcite vnlets 1-4mm wide at 40 to 50 deg TCA with 7-10% fg py*		
ML11-02	335.10	336.10	B53571	1.00	<.03	5-10% gret qtz and pink calcite vnlets; tr py		
ML11-02	336.10	337.20	B53572	1.10	<.03	20% contorted 0.25 to 1cm qtz+chl+carb vn's; 1% py		
ML11-02	337.20	338.00	B53573	0.80	<.03	337.4 to 337.7m sil section with 3-5% mg diss py		
ML11-02	338.00	338.50	B53574	0.50	<.03	<5% carb stringers		
ML11-02	338.50	339.60	B53575	1.10	<.03	25-30% vuggy grey white-pink calcite+carb+qtz+chl with occasional blebs of cpy, vn'ing at 0.5 to cm wide at 15 to 25 deg TCA		
ML11-02	339.60	341.10	B53576	1.50	<.03	341.4 to 341.65m vuggy calcite + chl + qtz vn irregular shaped with bleb of cpy; other grey white vı with negl cpy		
ML11-02	346.40	347.40	B53577	1.00	<.03	slips at 347m with calcite + chl; grey qtz vn'ing near slip 1cm wide		
ML11-02	347.40	348.50	B53579	1.10	<.03	0 to 10 deg white-oink calcite vnlets		
ML11-02	*348.50*	*349.40*	*B53580*	*0.90*	*<.03*	*at 348.63m 1cm wide carb vn at 70 deg TCA with 15-20% fg py;section silicified with 3-5% mg diss py*		
ML11-02	349.40	350.80	B53582	1.40	<.03	5-8% grey qtz vn'lets 1-3mm wide at 60 to 70 deg TCA and white carb vnlets at 1mm wide; tr py		
ML11-02	350.80	351.50	B53583	0.70	0.137	351.15 to 351.4m frac'ing with chl+ carb+perv carb with 1-2% mg py; 351.45 to 351.5m two parall carb+dol vn'ing 0.5 cm each along chl slips at 40 degbTCA		
ML11-02	351.50	353.00	B53584	1.50	<.03	6cm and 8 cm wide carb+dol vn'ing adjacent to thin flt slips at 40 to 60 deg TCA, 1% fg py in chl ; vn margins		
ML11-02	353.00	354.50	B53585	1.50	<.03	5% grey qtz vn'ing;		
ML11-02	354.50	356.00	B53586	1.50	0.411	10% 1-2cm wide grey qtz vn'ing with minor cpy blebs		
ML11-02	356.00	357.50	B53587	1.50	0.069	356.5 to 357m perv carb + minor ser alt'n with 1% fg py in weak network frac'ing; 10% qtz and ca vn'ing		
ML11-02	357.50	359.00	B53588	1.50	0.137	357.9 m flt at 55 deg TCA with adjacent 3cm wide carb vn and 10% grey vuggy qtz+calcite vn'ir with fine cpy		
ML11-02	***359.00***	***359.50***	***B53589***	***0.50***	***0.549***	***5% qtz+carb vnlets at 45 to 55 deg TCA***		
ML11-02	***359.50***	***360.00***	***B53590***	***0.50***	***1.097***	***calcite+chl slip at 5 deg TCA + 10% qtz vn'ing***	***1.097***	***1.097***
ML11-02	***360.00***	***360.80***	***B53591***	***0.80***	***1.303***	***40-50% grey qtz vn'ing + vuggy qtz+calcite vn'ing at 0 to 15 deg TCA with <1% cpy***	***1.303***	***1.303***
ML11-02	360.80	361.80	B53593	1.00	0.343	10% stress frac's with carb and qtz vn'ing, occasional minor cpy		
ML11-02	361.80	362.50	B53594	0.70	0.137	5% stress frac's with carb and qtz vn'ing, occasional minor cpy		
ML11-02	362.50	364.00	B53595	1.50	0.206	10% stress frac's with carb and qtz vn'ing, occasional minor cpy		
ML11-02	364.00	365.50	B53596	1.50	0.206	10-15% qtz+carb stringers at 45 to 55 deg TCA; tr py		

Hole_ID	From	To	Sample_#	Length	Au ppm	Description	Au ppm_ck	Au ppm-ck2
ML11-02	365.50	367.00	B53597	1.50	0.069	5% grey qtz and carb stringers at 45 to 55 deg TCA; tr py		
ML11-02	367.00	368.50	B53598	1.50	<.03	10% grey qtz vns and calcite + carb stringers at 40 to 65 deg TCA; with minor cpy in grey qtz vn weak slip Flt at 368.3m at 35 deg TCA		
ML11-02	368.50	369.50	B53599	1.00	<.03	15- 20% grey qtz vns at 0.5 to 1.5cm wide and calcite + carb stringers at 40 to 65 deg TCA; wi minor cpy in grey qtz vns		
ML11-02	369.50	371.00	B53600	1.50	0.137	10% grey qtz vn's with minor cpy		
ML11-02	372.80	374.00	B53601	1.20	<.03	373.4 to 373.7m 2cm wide vuggy qtz + calcite vn at 10 deg TCA with minor fg cpy		
ML11-02	374.00	375.00	B53602	1.00	<.03	<5% carb and qtz vnlets; tr cpy		
ML11-02	375.00	376.50	B53603	1.50	<.03	multiple sub parallel qtz+calcite vn's 0.25 cm wide at 15 deg TCA with minor cpy		
ML11-02	376.50	378.00	B53604	1.50	0.206	10-15% qtz+calcite vnlets <1 cm wide at variable angles; perv carb over 10cm wide section with 2% diss fg py		
ML11-02	383.90	384.50	B53605	0.60	0.069	flt's at 383.95m with calcite+chl+minor gouge at 20 deg TCA; slips at 384.2 - 384.26 at 70 deg TC with 1-2% fg diss py in frac's; non-magnetic section		
ML11-02	384.50	385.30	B53607	0.80	<.03	at 384.76m flt at 25 deg TCA with 1cm wide carb+chl vn+minor gouge; frac'ing at 55 deg TCA; 1-3 diss py in frac's; non magnetic		
ML11-02	blank		B53608		<.03			
ML11-02	385.30	386.80	B53609	1.50	<.03	5-10% multple carb+qtz vnlets at 1-4mm wide variable angles TCA		
ML11-02	386.80	388.00	B53610	1.20	<.03	387.2 to 388m carb+calcite+qtz vn'ing along slips & frac's at various angles TCA		
ML11-02	392.50	393.70	B53611	1.20	<.03	392.6m 1.5cm grey qtz vn broken, negl py; 393 to 393.7m 10% qtz+calcite+chl vuggy vn's		
ML11-02	*396.60*	*397.40*	*B53612*	*0.80*	*<.03*	*396.87 to 397.2m localized frac'd zone with perv carb, pale red matrix, 3-5% fg subhedral + euhedral py in carb frac's*		
ML11-02	401.30	402.20	B53613	0.90	<.03	25-30% qtz+calcite+chl vn'ing up to 2.5cm wide at 20 to 30 deg TCA		
ML11-02	403.50	404.00	B53614	0.50	<.03	5% white qtz+carb vn'ing		
ML11-02	*404.00*	*404.60*	*B53615*	*0.60*	*0.206*	*404.1 to 404.4m 5-7% fg py in frac's+carb vn's at 55 deg TCA with red oxy'd matrix;*		
ML11-02	404.60	405.60	B53616	1.00	<.03	10% calcite+chl+qtz vn'ing up to 0.75 cm wide		
ML11-02	405.60	406.50	B53617	0.90	<.03	5% calcite +chl+qtz vn'ing		
ML11-02	416.20	417.00	B53618	0.80	<.03	mod flt at 416.56m at 80 deg TCA, 0.25cm carb+chl		
ML11-02	**420.00**	**421.50**	**B53619**	**1.50**	**1.475**	**5-10% low angle TCA grey qtz vn'ing up to 1.5cm wide with minor py + minor cpy**	**1.303**	**1.646**
ML11-02	**422.90**	**423.70**	**B53620**	**0.80**	**0.891**	as with 420 to 421.5		
ML11-02	426.70	427.70	B53621	1.00	<.03	strong non-penetrative frac'ing with perv carb+chl with 5-7% diss fg py in frac's		
ML11-02	427.70	428.30	B53622	0.60	0.206	mod hairline frac'ing with diss py and cpy and 1cm wide grey qtz vn at 40-45deg TCA with cpy		
ML11-02	***431.30***	***432.00***	***B53623***	***0.70***	***0.892***	***5-10% grey qtz vn'ing up to 1cm wide; tr cpy***	***1.029***	***0.754***
ML11-02	***432.00***	***433.00***	***B53624***	***1.00***	***1.578***	***unit is separated out from QFP at 128.8 to 432m by an identified strong brittle to ductile shear zone at 45 to 70 deg TCA, non-magnetic, with tr to 3% fg diss py in micro network and along shear plane frac's - occasional splashes of cpy in qtz+chl vn'ing and up to 2% spec hem in frac's, penetrative and non-penetrative frac's with strong qtz+dol+ser alt'n and minor carb lvn'lets+chl in vnlets, orange-brown matrix colour at variable intervals probably due to oxy'd spec hem; 432 to 432.5m with 15 and 70 deg TCA calcite +qtz+cpy***	***1.509***	***1.646***
ML11-02	433.00	434.20	B53626	1.20	<.03	as with description in 432-433m; 433.75-433.78m hairline frac'ing tr py		
ML11-02	***434.20***	***435.00***	***B53627***	***0.80***	***1.200***	***as with description in 432-433m; 5% grey qtz vn'ing up to 2 cm wide with fg cpy***	***1.097***	***1.303***

Hole_ID	From	To	Sample_#	Length	Au ppm	Description	Au ppm_ck	Au ppm-ck2
ML11-02	***435.00***	***436.10***	***B53628***	***1.10***	***1.577***	***as with description in 432-433m; 20-25% grey qtz vn'ing up to 7cm wide at 15 and 70 deg TCA, all with fg cpy and occasional splash of cpy***	***1.440***	***1.714***
ML11-02	436.10	436.90	B53630	0.80	<.03	as with description in 432-433m; tr py		
ML11-02	436.90	438.00	B53631	1.10	<.03	as with description in 432-433m; intense shear at 55 deg TCA with ser from 437.1 to 437.5m- 20cı lost core in broken section		
ML11-02	438.00	439.50	B53632	1.50	<.03	as with description in 432-433m; 1% diss py		
ML11-02	439.50	441.00	B53633	1.50	<.03	as with description in 432-433m; 1% diss py		
ML11-02	441.00	442.50	B53634	1.50	<.03	as with description in 432-433m; occasional splash of cpy with spec hem in narrow carb vn		
ML11-02	442.50	443.80	B53635	1.30	<.03	as with description in 432-433m; tr py		
ML11-02	443.80	444.60	B53636	0.80	<.03	as with description in 432-433m; 1-2% fg dis py in shear frac's with perv carb + orange brow coloured matrix		
ML11-02	444.60	445.20	B53637	0.60	<.03	as with description in 432-433m; 444.84 to 445m orange -white calcite vn		
ML11-02	445.20	446.20	B53638	1.00	<.03	as with description in 432-433m; 1-2% diss py in shear planes		
ML11-02	446.20	447.20	B53639	1.00	<.03	as with description in 432-433m; 1-2% diss py in shear planes		
ML11-02	447.20	448.40	B53640	1.20	<.03	weak localized shear at 448m with tr py		
ML11-02	458.00	459.00	B53641	1.00	<.03	mod shear at 40 - 50 deg TCA with 40% qtz+dol vn'ing; negl py		
ML11-02	459.00	460.50	B53642	1.50	<.03	mod frac'ing- fabric with narrow orange-white carb vn'lets		
ML11-02	460.50	461.30	B53643	0.80	<.03	weak sil+dol vn'ing with fg cpy and spec hem in light grey qtz stringers		
ML11-02	***461.30***	***462.00***	***B53644***	***0.70***	***1.303***	***461.4 to 461.6 and 461.7 to 461.9m two 1.5cm to 3cm wide dk qtz+white qtz vn's at 15 deg TCA with fg cpy***	***1.303***	1.303
ML11-02	462.00	463.50	B53646	1.50	0.343	25-30% qtz+dol discontinuous vn'ing at 10-25 deg TCA sometimes with spec hem +cpy		
ML11-02	467.60	468.30	B53648	0.70	0.069	1-2% fg py adjacent to frac'd section wit qtz+dol+caclite vn'ing		
ML11-02	470.60	471.10	B53649	0.50	<.03	470.7 to 470.8m qtz+dol+calcite vuggy vn'ing at 30 deg TCA		
ML11-02	**474.70**	**475.40**	**B53650**	**0.70**	**0.891**	**at 475.2m 3cm wide calcite+carb+qtz vn at 35-40 deg TCA + other qtz+dol vn'ing at 5 to 15 deg TCA**		
ML11-02	476.60	477.50	B53651	0.90	0.069	localized sections of frac'ing at 30 to 40 deg TCA with <1mm qtz + carb stringers+ ser+<1% py		
ML11-02	477.50	478.60	B53652	1.10	<.03	as above		
ML11-02	479.10	479.70	B53653	0.60	<.03	as above		
ML11-02	493.20	494.70	B53654	1.50	<.03	strongly fractured zone from 493.2 to 494.7m with 5-10% spec hem + minor cpy+chl		
ML11-02	494.70	496.00	B53655	1.30	<.03	some <1mm frac'ing at 25 to 35 deg TCA with spec hem and adjacent qtz vn'ing		
ML11-03	27.30	27.90	B53656	0.60	<.03	narrow weak shear from 27.43 to 27.8m; negl py; some frac'ing with q		
ML11-03	27.90	29.00	B53657	1.10	0.206	tr py; weak carb stringers <5%		
ML11-03	29.00	30.50	B53658	1.50	<.03	tr py; <5% carb+calcite stringers		
ML11-03	30.50	31.50	B53659	1.00	<.03	1-2% fg py in frac's with carb in Cngl at 30.55 to 30.65m; Cngl-FP contact at 31.07ı		
ML11-03	36.00	37.10	B53660	1.10	<.03	36 to 36.5m flt-slip 0 deg TCA with qtz+dol 90 deg TC/		
ML11-03	40.30	41.00	B53662	0.70	<.03	at 40.3m 0.5cm wde grey qtz vn, negl py; 40.4 to 40.65m Flt-Bx strong cemented with white carb, ! deg TCA		
ML11-03	41.00	41.70	B53663	0.70	<.03	at 41.67m 3cm wide qtz+carb+calcite vn at 45 deg TC/		
ML11-03	43.20	43.90	B53665	0.70	<.03	43.2 to 43.6m 0 deg TCA slip with adjacent pink calcite vn; spec of cp		
ML11-03	44.60	45.20	B53666	0.60	<.03	44.6m 1cm 30 deg TCA carb+dol vn+ chl and at 45m 3.5cm wide grey qtz+qtz+dol vn at 50 de TCA, negl py		

Hole_ID	From	To	Sample_#	Length	Au ppm	Description	Au ppm_ck	Au ppm-ck2
ML11-03	45.20	46.40	B53667	1.20	<.03	45.5 to 46.3m 0 deg TCA and 50 deg TCA slip and shear with qtz+dol+chl+ser, negl p		
ML11-03	69.90	71.40	B53668	1.50	<.03	69.9 to 73.8m 0 deg TCA bifurcating slips with assoc carb+qtz+chl+1-5% fg p		
ML11-03	71.40	72.60	B53669	1.20	0.343	see description 69.9 to 71.4m		
ML11-03	72.60	73.80	B53670	1.20	<.03	see description 69.9 to 71.4m		
ML11-03	95.50	96.50	B53671	1.00	<.03	95.5 and 95.75m 0.2 and 0.7cm localized shear slips with chl+carb, negl py at 55 to 60 deg TCA		
ML11-03	**112.90**	**113.50**	**B53672**	**0.60**	**1.989**	**112.95 to 113.1m 2.5 cm wide vn at 5 deg TCA with splash of cpy**	**1.851**	**2.126**
ML11-03	**115.70**	**116.70**	**B53674**	**1.00**	**0.754**	115.9 to 116.3m 1cm wide qtz+calcite vn at 5 deg TC		
ML11-03	117.00	118.20	B53676	1.20	<.03	117 to 117.2m 15 deg TCA calcite vn'ing; 117.3 to 118.1m grey white qtz 2.2cm wide qtz at 0 de TCA tr py + tr cpy		
ML11-03	118.20	119.00	B53677	0.80	<.03	118.6 to 118.9 calcite vn at 5 eg TC		
ML11-03	121.70	122.50	B53678	0.80	<.03	multiple 0-15 deg TCA carb+qtz+chl vn'ing, tr p		
ML11-03	122.50	123.30	B53679	0.80	<.03	122.55 to 123.15m 0.25 to 1cm wide grey white vn at 0 deg TC		
ML11-03	143.30	144.10	B53680	0.80	<.03	143.6 to 143.72m 2 cm wide grey qtz vn at 35 to 40 deg TCA; multiple 0.5 to 1cm white carb vn'ir at 25 to 40 deg TCA		
ML11-03	151.00	151.50	B53681	0.50	<.03	0.25 to 0.5cm wide qtz vn'ing at 0 deg TC		
ML11-03	168.20	169.00	B53682	0.80	<.03	0.5 cm wide grey white vn at 0 deg TCA, very blocky grour		
ML11-03	181.50	182.20	B53683	0.70	<.03	1% py in narrow sections of frac'ing - tr cp		
ML11-03	183.40	184.10	B53684	0.70	<.03	1.5 to 2.5cm carb+calcite vn at 0 deg TCA from 183.45 to 184m with 5-8% diss py along margins		
ML11-03	207.00	208.00	B53685	1.00	<.03	badly broken ground, grey white vn's + whiteqtz vn's with 1% p		
ML11-03	242.00	243.00	B53686	1.00	<.03	5-10% grey qtz and calcite vn'ing with py and minor cp		
ML11-03	243.00	244.00	B53687	1.00	<.03	as above		
ML11-03	245.60	246.50	B53688	0.90	<.03	<5% grey qtz vn'ing at 0.25 to 0.5 cm wide qtz vn'ing with fg cp		
ML11-03	253.00	254.00	B53689	1.00	<.03	5-10% pink calcite vuggy vnlets 0.2 to 0.3cm wide at 35 to 55 deg TCA with minor cpy+tr		
ML11-03	254.00	255.00	B53690	1.00	<.03	as above		
ML11-03	257.00	257.90	B53691	0.90	<.03	at 257.2m 0.5cm wide grey qtz vn at 15 deg TCA with fg cp		
ML11-03	*262.20*	*263.70*	*B53692*	*1.50*	*<.03*	*262.4 to 283.1m weak to strong shear-fracture zone, mod to strong ser + chl in conglomerate with grey qtz vnlets 1 to 3mm wide with 3-5% spec hem, 5% grey white qtz and caclite vn'ing with fg minor cpy and tr py, Feldspar Porphyry red-brown matrix oxy'd spec hem, 5% contorted grey white qtz vn'ing with fg cpy, minor spec hem, contacts with conglomerate are irregular*		
ML11-03	*263.70*	*265.20*	*B53694*	*1.50*	*<.03*	*see description at 262.2 to 263.7m; 1-3% spec hem on qtz frac slips*		
ML11-03	*265.20*	*266.70*	*B53695*	*1.50*	*<.03*	*see description at 262.2 to 263.7m; possible FP at 265.7 to 266m; 3-5% spec hem in qtz+carb vn'lets*		
ML11-03	*266.70*	*268.20*	*B53696*	*1.50*	*<.03*	*see description at 262.2 to 263.7m; 1-3% spec hem on qtz frac slips*		
ML11-03	*268.20*	*269.70*	*B53697*	*1.50*	*<.03*	*see description at 262.2 to 263.7m; 3-5% spec hem on slips; <5% calcite vn's<0.5 cm wide*		
ML11-03	*269.70*	*271.20*	*B53699*	*1.50*	*<.03*	*see description at 262.2 to 263.7m; <1mm frac's at 20 deg TCA with chl + carb+spec hem*		
ML11-03	*271.20*	*272.70*	*B53700*	*1.50*	*0.069*	*see description at 262.2 to 263.7m; intense shearing+ bx from 271.2 to 272.6m at 0-20 deg TCA with <calcite vn'ing with spec hem+minor cpy*		
ML11-03	*272.70*	*273.30*	*B53701*	*0.60*	*0.274*	*see description at 262.2 to 263.7m;after 273 to FP contact 10% contorted grey qtz vn'ing 0.5 to 2 cm wide with fg cpy + tr py*		
ML11-03	*273.30*	*274.50*	*B53702*	*1.20*	*<.03*	*see description at 262.2 to 263.7m; FP 15-20% grey qtz vn'ing with minor fg cpy + 1% spec hem*		
ML11-03	*274.50*	*276.00*	*B53703*	*1.50*	*<.03*	*see description at 262.2 to 263.7m; FP 5% grey vn'ing tr cpy, FP-cngl contact at 275.8m*		

Hole_ID	From	To	Sample_#	Length	Au ppm	Description	Au ppm_ck	Au ppm-ck2
ML11-03	*276.00*	*277.50*	*B53704*	*1.50*	*0.137*	*see description at 262.2 to 263.7m; 15% 0.1 to 0.5 cm wide qtz vn'ing; 3-5% spec hem*		
ML11-03	*277.50*	*278.20*	*B53705*	*0.70*	*<.03*	*see description at 262.2 to 263.7m; strong ser alt'n, <5% calcite and qtz vn'ing*		
ML11-03	*278.20*	*279.00*	*B53706*	*0.80*	*<.03*	*see description at 262.2 to 263.7m; 15-20% calcite+spec hem vn'ing from 278.2 to 278.6m*		
ML11-03	*279.00*	*280.50*	*B53707*	*1.50*	*<.03*	*see description at 262.2 to 263.7m; weak frac'ing; 1% spec hem along frac's*		
ML11-03	*280.50*	*282.00*	*B53708*	*1.50*	*<.03*	*see description at 262.2 to 263.7m; weak frac'ing; 1% spec hem along frac's*		
ML11-03	*282.00*	*283.00*	*B53709*	*1.00*	*0.069*	*see description at 262.2 to 263.7m; 282.4 to 282.5m 25-30% qtz vn'ing at 60 deg TCA*		
ML11-03	283.00	284.50	B53710	1.50	<.03	3-5% spec hem on frac's		
ML11-03	290.30	291.00	B53711	0.70	<.03	occasional qtz vn'ing; 3-5% spec hem on slip		
ML11-03	297.00	297.50	B53712	0.50	<.03	3-5% spec hem with brown gangue on slips; qtz vn with cpy at 297.5 0.25 cm wi		
ML11-03	301.10	302.00	B53713	0.90	<.03	3-5% spec hem and sometimes cpy on slips with 3 cm wide 90 deg TCA qtz vn at 301.15		
ML11-03	303.20	304.00	B53714	0.80	<.03	5% qtz+calcite vn'ing with minor cpy; 3-5% spec hem on slip		
ML11-03	306.00	307.00	B53715	1.00	0.206	5-10% grey white qtz vn'ing with minor cpy + 3-5% spec hem on slips; bad blocky grou		
ML11-03	309.00	310.00	B53716	1.00	0.137	as above		
ML11-03	312.00	314.00	B53717	2.00	<.03	as above		
ML11-03	314.00	315.00	B53718	1.00	<.03	as above		
ML11-04	7.50	8.10	B53719	0.60	0.137	7.65m 1cm wide qtz+dol at 80 deg TCA; 1% spec hem in hairline frac's, tr p		
ML11-04	9.00	10.50	B53720	1.50	<.03	9-9.2 and 9.7 to 10.5m 10% calcite+qtz+ank vn'ing, spec hem+tr py+tr cpy; mod brittle frac'ing		
ML11-04	10.50	11.50	B53721	1.00	<.03	10% calcite+qtz+ank vn'ing, spec hem+tr py+tr cpy; mod brittle frac'ir		
ML11-04	11.50	12.40	B53722	0.90	<.03	75-90 deg TCA frac'ing with qtz+dol alt'n halo's; 1% spec hem+tr py+tr cp		
ML11-04	17.60	18.50	B53723	0.90	<.03	strong sil+dol alt'n, strong frac'ing; qtz+dol vn's at 30-40 deg TCA 0.5 to 1.5cm wide; 1-5% spe hem in frac's & vn's + tr py + tr cpy		
ML11-04	18.50	19.60	B53724	1.10	<.03	1-5% spec hem in frac's & vn's + tr py + tr cp		
ML11-04	19.60	20.20	B53725	0.60	<.03	as above		
ML11-04	20.20	21.30	B53726	1.10	0.069	20.7 to 21.3m mod frac'ing with 3-5% spec+ <1% p		
ML11-04	23.50	24.60	B53727	1.10	0.274	23.6 to 38m perv red oxy'd hem + ser+ chl with sections of strong shearing from 24 to 24.5, 27 to 27.2, 29.4 to 29.8 and 35.3 to 36m with 10 to 25% qtz+dol vn'ing and frac's with 1-5% spec hem + blebs of cpy + <1% py; except from 29.4 to 29.8 with 3-7% diss py; 24 to 24.5m shear + shear bx at 45 deg TCA with 5-7% spec hem		
ML11-04	24.60	26.00	B53729	1.40	0.137	as described in 23.5 to 24.6m; 25.1m 0.5cm wide grey qtz vn with spec hem + py; 20-25 discontinuous qtz vn'ing		
ML11-04	26.00	26.80	B53730	0.80	<.03	as described in 23.5 to 24.6m; 20-25% discontinuous qtz vn'in		
ML11-04	26.80	28.00	B53731	1.20	<.03	as described in 23.5 to 24.6m; 20-25% discontinuous qtz vn'ing; narrow strong shears with stron ser		
ML11-04	28.00	29.30	B53732	1.30	<.03	as described in 23.5 to 24.6m; 10-15% discontinuous qtz vn'in		
ML11-04	29.30	30.00	B53733	0.70	0.274	as described in 23.5 to 24.6m; strong shear from 29.4 to 29.8m with 5-7% diss py + m		
ML11-04	30.00	31.50	B53735	1.50	<.03	as described in 23.5 to 24.6m; 20-25% discontinuous qtz vn'ing + hairline frac's with 3-5% spec hem		
ML11-04	31.50	33.00	B53736	1.50	<.03	as described in 23.5 to 24.6m; 20-25% discontinuous qtz vn'ing + hairline frac's with 3-5% spec hem		
ML11-04	33.00	34.50	B53737	1.50	<.03	as described in 23.5 to 24.6m; 20-25% discontinuous qtz vn'ing + hairline frac's with 3-5% spec hem		
ML11-04	34.50	35.70	B53738	1.20	0.069	as described in 23.5 to 24.6m; 35.3 to 35.7m 50% qtz+dol + cpy blebs+ 5-10% spec hem+ bx		
ML11-04	35.70	36.70	B53739	1.00	<.03	as described in 23.5 to 24.6m; 5% qtz+dol vn'ing with strong spec hem+ minor p		

Hole_ID	From	To	Sample_#	Length	Au ppm	Description	Au ppm_ck	Au ppm-ck2
ML11-04	36.70	38.00	B53740	1.30	<.03	as described in 23.5 to 24.6m		
ML11-04	44.50	45.30	B53741	0.80	0.137	15% 3-6mm wide qtz +ank and calcite v'ing 30 to 45 deg TCA with 1% spec hem+tr py+tr cpy		
ML11-04	45.30	46.30	B53743	1.00	0.069	5% qtz and calcite vn'ing with minor spec her		
ML11-04	46.30	47.30	B53744	1.00	0.069	25% qtz +dol and calcite v'ing 45 to 85 deg TCA up to 65% spec hem in vn's with minor cpy+tr py		
ML11-04	47.30	48.30	B53746	1.00	0.206	25% qtz +dol and calcite v'ing 25 to 35 deg TCA up to 25% spec hem in vn's with blebs of cpy+tr py		
ML11-04	48.30	49.30	B53747	1.00	<.03	15-20% qtz+dol vnlets 1-2mm wide at variable angle		
ML11-04	53.50	54.30	B53748	0.80	<.03	weak to mod frac'ing with chl+ two to three calcite vn'lets 2-3mm wi		
ML11-04	*54.30*	*55.20*	*B53749*	*0.90*	*0.069*	*54.4m 45 deg TCA Flt with qtz+calcite+chl + 3% diss py; 54.4 to 55.2m network frac'ing with chl+3-7% diss fg py*		
ML11-04	55.20	56.00	B53750	0.80	0.411	flt's at 55.53 and 55.75m 1 to 1.5cm wide with calcite+carb+chl+1% diss py at 70 to 80 deg TCA		
ML11-04	56.00	57.00	B53751	1.00	0.411	infill sample		
ML11-04	58.10	59.00	B53752	0.90	<.03	two to three slips with strong py, overall 1% py; badly broken co		
ML11-04	62.30	63.30	B53753	1.00	<.03	shear with calcite stress frac's + chl at 25 to 35 deg TCA		
ML11-04	65.80	66.80	B53754	1.00	<.03	Shear+Fracture Zone with red oxy'd hem from 65.8 to 68.7m with localized shears at 90 deg TCA + occassional pink calcite vn's 2-3mm wide at 20 deg TCA with cpy and tr py in micro fractures		
ML11-04	66.80	67.80	B53755	1.00	<.03	as described in 65.8 to 66.8m		
ML11-04	67.80	69.00	B53756	1.20	<.03	as described in 65.8 to 66.8m		
ML11-04	71.70	73.00	B53757	1.30	<.03	1-3% fg diss py in micro frac's at 75 to 85 deg TCA; 72.8 to 73m micro frac'ing - slips at 85 de TCA		
ML11-04	77.50	78.00	B53758	0.50	<.03	at 77.6m 1cm wide carb+chl vn at 70 deg TCA		
ML11-04	82.60	83.20	B53759	0.60	<.03	82.9 to 82.92m carb+calcite vn at 80 deg TCA with minor py on margir		
ML11-04	88.00	89.00	B53760	1.00	0.069	88.3m 3cm wide calcite+carb vuggy vn at 55 deg TCA with minor py on margi		
ML11-04	93.00	94.00	B53761	1.00	<.03	weak shear-slips 1cm wide at 93.2 and 93.65m with 1% fg diss p		
ML11-04	94.00	95.00	B53762	1.00	<.03	weak shear slips at 60 deg TCA with carb + <1% dis p		
ML11-04	95.00	96.00	B53763	1.00	<.03	as above		
ML11-04	109.50	110.30	B53764	0.80	<.03	moderate frac'ing with chl + <1% diss py+ calcite vn'let		
ML11-04	113.50	114.00	B53765	0.50	<.03	at 113.74m 3mm wide carb vn at 65-70 deg TCA		
ML11-04	120.00	121.00	B53767	1.00	<.03	120.1m 1 cm narrow shear-slip carb+chl at 65 deg TCA		
ML11-04	121.00	121.60	B53768	0.60	<.03	121.4m 3cm wide qtz vn at 3cm wide; Syn - FP contac		
ML11-04	127.10	127.60	B53770	0.50	<.03	127.3 to 127.4m strong Flt with angular bx cemented with white carb similar to Flt in DDH ML11-03		
ML11-04	130.40	131.70	B53771	1.30	<.03	130.4 and at 131.45m minor slips at 55 to 65 deg TCA with 1 cm calcite +chl vn		
ML11-04	136.50	137.00	B53772	0.50	<.03	136.6 to 136.7m Flt with calcite+chl at 55 to 60 deg TCA		
ML11-04	137.00	137.80	B53773	0.80	<.03			
ML11-04	140.00	140.80	B53774	0.80	<.03	15-20% discontinuous carb frac's + ch		
ML11-04	140.80	142.00	B53775	1.20	<.03	infill sample		
ML11-04	142.00	143.60	B53776	1.60	<.03	infill sample		
ML11-04	143.60	144.50	B53777	0.90	0.069	143.7m 2cm calcite+chl vn at 55 deg TCA; 143.97m 4cm wide qtz+dol vn at 65 deg TCA could b parallel vn flt to Bidgood #1 Zone, minor py at margins in chl+ser		
ML11-04	144.50	145.30	B53778	0.80	<.03	micro frac's with carb		

Hole_ID	From	To	Sample_#	Length	Au ppm	Description	Au ppm_ck	Au ppm-ck2
ML11-04	145.30	146.00	B53780	0.70	0.274	10-15% micro frac's with pink carb+ calcite vn at 146 at 1 cm wide at 40 deg TC		
ML11-04	***146.00***	***146.90***	***B53781***	***0.90***	***1.509***	***146.1to 146.6m Bidgood #1 Zone at contact with FP at 45 to 55 deg TCA Flt Bx with carb+ 3-5% diss py + 14cm wide qtz+dol vn+ ser+chl***	***1.440***	***1.577***
ML11-04	146.90	148.50	B53783	1.60	<.03	unaltered FP with <5% qtz+carb micro vn's; hit timbered drift 7 ft core length - 400 Le\		
ML11-04	150.00	150.60	B53784	0.60	<.03	150.3m slip at 65 deg TCA with ch		
ML11-04	150.60	152.00	B53785	1.40	<0.03	151.8m 2mm wide calcite vnlet at 20 deg TC/		
ML11-04	154.50	155.10	B53786	0.60	<.03	multpile carb +calcite+chl vnlets + at 60 to 75 deg TCA at 2 to 5mm wic		
ML11-04	**158.50**	**159.80**	**B53787**	**1.30**	**0.754**	**159.2m 3mm wide carb+chl vn at 55 deg TCA**		
ML11-04	159.80	160.30	B53788	0.50	0.411	light green alt'n - ser; 160.1m 2.5cm wide calcite vn at 65 deg TC		
ML11-04	161.50	162.00	B53789	0.50	<.03	161.7 to 161.8m flt at 60 deg TCA with dol+qt		
ML11-04	172.00	173.90	B53790	1.90	0.137	mod frac'ing with chl+<1% diss p\		
ML11-04	173.90	174.70	B53791	0.80	0.206	173.9 to 174.1m 1-2% diss fg py in hairline frac's; perv red oxy'd hem matı		
ML11-04	174.70	175.30	B53792	0.60	0.069	175- 175.2m flt bx with chl matrix; tr p		
ML11-04	176.30	176.80	B53793	0.50	<.03	weak frac'ing with <1cm wide qtz vn at 176.5m; tr p		
ML11-04	176.80	177.40	B53794	0.60	<.03	Flt at 177m with 1.1cm wide qtz+pink calcite+chl+ser+1-2% diss p		
ML11-04	177.40	178.40	B53795	1.00	<.03	infill sample; 10-15% white pink carb in frac'		
ML11-04	178.40	179.90	B53796	1.50	<.03	infill sample; 10-15% white pink carb in frac'		
ML11-04	179.90	180.50	B53797	0.60	<.03	possible sediment, granular texture; per wispy ser; 4 cm wide qtz vn at 180.3m at 60 deg TCA		
ML11-04	180.50	181.30	B53798	0.80	<.03	two parallel qtz vn's at 25 deg TCA at 0.5cm wid		
ML11-04	181.30	182.00	B53799	0.70	<.03	181.66 to 181.80m Flt at 60 deg TCA with chl + carb+calcite vn'ing+ s		
ML11-04	182.00	183.00	B53800	1.00	<.03	infill sample		
ML11-04	186.60	188.10	B53801	1.50	<.03	187 to 188.1m multiple qtz+dol vnlets 2 to 3mm wide at 20 deg TC		
ML11-04	188.90	189.60	B53802	0.70	<.03	189 to 189.13m three subparallel qtz vn's 0.25 to 0.75cm wide at 65 deg TC		
ML11-04	196.80	197.60	B53803	0.80	<.03	197.3 and 197.4m two qtz vn's 0.5cm and 2cm wid		
ML11-04	197.60	198.10	B53804	0.50	<.03	197.8 to 198m shear Flt with chl + ser+minor carb-calciter vn'in		
ML11-05	10.30	11.60	B54602	1.30	<.03	1/4" lim'd q-ank+0.1m bl'd hily@6		
ML11-05	11.60	12.80	B54603	1.20	<.03			
ML11-05	12.80	13.50	B54604	0.70	<.03	1" pk carb-ank vn w 2% cse d py@5		
ML11-05	18.55	19.30	B54605	0.75	<.03	slip imm foll by .1m hily bl'd+2% spec+3% cse d p		
ML11-05	22.30	23.00	B54606	0.70	<.03	ct is flt imm foll by 0.2m shr'd+hily bl'd+ ser'd+5% spec; 1" chl ann bx-flt w 2% spe		
ML11-05	23.00	23.85	B54608	0.85	<.03	hily bl'd w 0.3m 10% q-ank+10% pa gy q str's @46 w 5% f d py+2% cp-good lookin		
ML11-05	25.90	26.60	B54609	0.70	<.03	BRK-chl ann bx 1" imm foll by 0.2m BC + w 1/4" gouge; 1/8" pa gy q-ank vn w 3% cse d py+2 spec@42		
ML11-05	**29.45**	**30.05**	**B54610**	**0.60**	**0.754**	**0.25m chl ann bx+med gy q-ank@50 w 10% cse+f d py assd w chl myl-f**		
ML11-05	30.05	31.20	B54611	1.15	<.03			
ML11-05	31.20	31.80	B54612	0.60	0.206	1" pk carb-ank vn@59 w 10% cse d p		
ML11-05	31.80	34.65	B54613	2.85	0.206	1" q-ank pa gy vn w 20% cse d py@5		
ML11-05	35.20	36.35	B54615	1.15	0.137	mody hem'd; 5% q-ank w 1% cp@25; poss slip@5		
ML11-05	40.10	40.80	B54616	0.70	0.343	20% spec@64		
ML11-05	47.00	47.90	B54617	0.90	0.137	mody bl'd; 20% q-ank@30-6		
ML11-05	48.60	49.50	B54618	0.90	<.03	BC; chl flt; hem'd mody		
ML11-05	**54.10**	**55.50**	**B54619**	**1.40**	**0.686**			
ML11-05	**55.50**	**56.30**	**B54620**	**0.80**	**0.960**	**0.15m hily sil'd w 35% q-ank, 30% chl+ 15% qtz-wt w 20% cse d py-all@52; 5% cse d py i rest+hem'd mody**		

Hole_ID	From	To	Sample_#	Length	Au ppm	Description	Au ppm_ck	Au ppm-ck2
ML11-05	**56.30**	**57.90**	**B54622**	**1.60**	**0.686**	**1/8" 30% cse py vn@70; 1" hem'd mody**		
ML11-05	57.90	59.35	B54623	1.45	<.03			
ML11-05	59.35	60.20	B54624	0.85	<.03	1/4" pk carb vn@73 w 8% cse d py		
ML11-05	60.20	61.00	B54625	0.80	<.03	flt imm foll by 1" pa gy chl-q-ank vn w 20% cse d py imm prec by 0.1m hily hem'd w 10% cse d py		
ML11-05	61.00	61.90	B54626	0.90	<.03	5% q-ank-chl		
ML11-05	61.90	63.20	B54627	1.30	<.03	5% chl-spec vn's@36		
ML11-05	66.30	67.20	B54628	0.90	0.206	0.3m BC-intensely bl'd-can't see structure		
ML11-05	68.10	69.60	B54629	1.50	<.03	1/2" wk chl vn/structure@50; 0.2m wy hem'd w 10% q-ank@8		
ML11-05	75.60	76.50	B54630	0.90	<.03	wy hem'd; 2% f d py		
ML11-05	77.45	78.30	B54631	0.85	<.03	1/8" 30% cse py vn in 1" hily bl'd@7		
ML11-05	78.30	79.35	B54632	1.05	<.03	wy hem'd; 2% q-ank		
ML11-05	79.35	80.20	B54633	0.85	<.03			
ML11-05	**80.20**	**81.40**	**B54634**	**1.20**	**0.686**	**0.05m BC is flt-posy gouge-w 10% v cse d py imm prec by 0.3m intensely bl'd w 4% cse d py**		
ML11-05	84.80	85.70	B54636	0.90	<.03	0.2m mody hem'd-no structure		
ML11-05	91.85	92.60	B54637	0.75	<.03	1" q-ank vn w hem'd wallrock frag's@3		
ML11-05	94.30	95.30	B54638	1.00	0.343	flt in 0.15m hily sil'd w 60% pa gy qtz+q-ank w 10% cse d py; 2* 1/8" gouge; mody b		
ML11-05	95.30	96.30	B54640	1.00	0.137	2" mody hem'd@60 w 8% cse d py-wy sil'		
ML11-05	96.30	97.30	B54641	1.00	0.274	wy hem'd; 5% q-ank		
ML11-05	109.10	109.80	B54642	0.70	<.03	mody hem'd-no structure obviou		
ML11-05	110.70	112.10	B54643	1.40	<.03	0.2m chl-q-ank@61 w 5% cse d py is bl'd mody; flt imm foll by 3/4" dk gy sil-chl w 3% f d p		
ML11-05	116.10	117.00	B54644	0.90	<.03	1/4" hem'd shim w 10% f d py in chl-sil-@6		
ML11-05	117.00	118.00	B54645	1.00	<.03			
ML11-05	118.00	119.00	B54646	1.00	<.03			
ML11-05	119.00	120.00	B54647	1.00	<.03			
ML11-05	120.00	121.10	B54648	1.10	<.03	ct imm prec by 0.25m wy sil'd+wy hem'd w 3% cse d p		
ML11-05	122.00	123.00	B54649	1.00	<.03	0.2m w 50% bull q-ank@4		
ML11-05	132.70	133.30	B54650	0.60	<.03	1.5" wt qv w 50% dk gy w 5% chl-no py; @76 in B		
ML11-05	133.30	134.00	B54651	0.70	0.069	BC w at least 1.5" wt qv w 30% hem'd bx wallrock frags-no py-@		
ML11-05	134.00	134.60	B54652	0.60	<.03			
ML11-06	4.20	4.90	B53805	0.70	<.03	4.2 to 4.5m Flt +frac'ing with qtz+dol+chl+negl py; 4.8m slips at 70 deg TCA with chl+q		
ML11-06	10.20	11.50	B53806	1.30	0.07	0.1 to 0.5cm wide flt with pink calcite+carb at 5 deg TCA+ spec hem+ negl p		
ML11-06	14.10	15.50	B53807	1.40	<.03	Flt - Shear at 55 to 60 deg TCA with strong pink calcite + carb+ spec hem+ <1% p		
ML11-06	16.80	17.60	B53808	0.80	<.03	multiple <0.25 cm wide frac's at 5 deg TCA + Flt at 17.04m at 90 deg TCA with pink ca		
ML11-06	18.90	20.10	B53809	1.20	<.03	10%qtz+dol vn'ing+ 1-3% spec hem on frac's+<1% py in frac'		
ML11-06	20.90	21.70	B53810	0.80	0.27	1% fg py in dk chl qtz		
ML11-06	21.70	22.90	B53811	1.20	0.343	21.77m Flt with 2 cm wide qtz vn at 55 deg TCA; 22 to 22.9m 20% irregular qtz vn'ing + min dol+negl py+1-2% spec hem		
ML11-06	26.80	27.30	B53812	0.50	0.206	15-20% qtz+dol vn'ing irregular + folded; 3-8% spec hem+<1% py + strong frac'ir		
ML11-06	27.30	28.00	B53813	0.70	<.03	flt's at 27.6 and 27.85m at 65 and 45 deg TCA + chl+ spec hem + strong frac'in		
ML11-06	28.00	29.50	B53814	1.50	<.03	strng penetrative & non-penetrative frac'ing with qtz+dol + 3-5% spec hem +<1% py+ rare cpy		
ML11-06	30.80	31.80	B53815	1.00	<.03	as above		
ML11-06	31.80	32.80	B53816	1.00	<.03	as above; 31.9 to 32.1m contorted grey qtz vn'ing, negl p		

Hole_ID	From	To	Sample_#	Length	Au ppm	Description	Au ppm_ck	Au ppm-ck2
ML11-06	32.80	33.80	B53817	1.00	<.03	at 33m flt with bx at 50 deg TCA		
ML11-06	35.50	37.00	B53819	1.50	<.03	15-25% qtz+dol vn'ing with 1-2% spec hem+<1% fg p		
ML11-06	37.00	38.10	B53820	1.10	0.137	15% qtz+dol; 37.7 to 37.8m strong frac'ing with chl+qtz+dol+spec hem at 55 to 70 deg TC		
ML11-06	38.80	39.40	B53821	0.60	<.03	39m slip with chl+ser+qtz at 15 deg TCA		
ML11-06	43.70	45.00	B53822	1.30	0.206	10% grey qtz vnlet's at 25 to 35 deg TCA		
ML11-06	**45.00**	**45.80**	**B53823**	**0.80**	**1.989**	**subparallel grey vnlets at 3mm to 4mm wide at 15 to 25 deg TCA with 3-5% fg py and one late white qtz+dol vn 1 cm wide at 20 deg TCA**	**1.920**	**2.057**
ML11-06	45.80	46.80	B53825	1.00	0.137	25 to 40% white qtz+dol vn'ing at 15 to 30 deg TCA with cpy blebs + 3-5% spec hem+1% diss py		
ML11-06	46.80	48.00	B53826	1.20	0.274	15-20% qtz+dol v'ing with spec hem at 20 to 40 deg TCA; 47.5m flt at 35 to 40 deg TCA with gre qtz bx		
ML11-06	48.00	48.90	B53827	0.90	<.03	15-25% qtz+dol vn'ing up to 1.5 cm wide at 15 to 20 deg TCA with 3-8% spec hem and occasion cpy; + 1% py		
ML11-06	48.90	50.00	B53828	1.10	<.03	narrow subparallel flt's with bx at 15 to 20 deg TC		
ML11-06	50.00	51.00	B53829	1.00	<.03	<10% qtz+dol vn'ing, minor diss py; + 1-2% spec her		
ML11-06	51.00	52.00	B53830	1.00	<.03	as above		
ML11-06	52.00	53.00	B53831	1.00	<.03	as above		
ML11-06	53.00	53.90	B53832	0.90	<.03	as above		
ML11-06	53.90	55.00	B53833	1.10	<.03	10-15% qtz+dol vn'ing with occasional diss py, overall 1% diss p		
ML11-06	55.00	56.00	B53835	1.00	0.069	5-10% 1mm qtz+dol frac's		
ML11-06	62.00	62.60	B53836	0.60	<.03	Strong Flt with chl gouge at 62.3 to 62.5m at 25 deg TC		
ML11-06	66.90	67.60	B53837	0.70	<.03	67.5m 1.5cm wide qtz+carb+chl at 85 deg TCA, possible sli		
ML11-06	72.00	73.00	B53838	1.00	0.069	5% 1mm to hairline carb in frac's		
ML11-06	73.00	73.50	B53839	0.50	1.337	**73.3m to 73.4m Flt with qtz+calcite at 25 deg TCA + 20% py; 5-10% py from 73.4 to 73.5m; blocky ground**	**1.234**	**1.440**
ML11-06	73.50	74.00	B53841	0.50	0.137	1-3% fg to mg diss py in frac's with chl; blocky groun		
ML11-06	74.00	75.20	B53842	1.20	<.03	10% 0 to 5 deg TCA qtz+calcite vn and qtz vn with chl; negl p		
ML11-06	77.00	78.10	B53843	1.10	0.069	77 to 77.15m flt bx with carb at 15 deg TCA		
ML11-06	82.30	83.40	B53844	1.10	<.03	82.6m weak flt+chl+carb at 55 deg TCA; <1% diss py; red oxy'd he		
ML11-06	**88.00**	**88.80**	**B53845**	**0.80**	**0.549**	**88.1m 4cm wide grey qtz or Feldspar por dyklet adjacent to Flt at 70 deg TCA with carb+chl**		
ML11-06	90.40	91.30	B53846	0.90	<.03	1-3% diss py in frac's; 91.1m Flt at 35 and 45 deg TCA with carb+cl		
ML11-06	94.80	95.50	B53847	0.70	<.03	Flt + carb+qtz vn from 95.2 to 95.3m with tr py and graphite at 35 and 45 deg TC		
ML11-06	100.00	101.00	B53848	1.00	<.03	2cm wide weak flt at 100.75 at 60 and 35 deg TC		
ML11-06	101.00	101.70	B53849	0.70	<.03	15% calcite vn'ing up to 2cm wide at variable angles with cpy blebs + spec he		
ML11-06	101.70	102.50	B53850	0.80	<.03	5% calcite +carb vnlets in stress frac's - 1-3% spec hen		
ML11-06	**102.50**	**103.00**	**B53851**	**0.50**	**0.549**	**<0.25cm wide flt-slips with carb+chl at 102.55 at 30 deg TCA and at 102.85m at 45 deg TCA**		
ML11-06	108.60	109.20	B53852	0.60	<.03	infill sample prior to fl		
ML11-06	109.20	109.70	B53854	0.50	0.069	Flt - 109.35 to 109.5m at 35 deg TCA with grey qtz + 3-5% fg py+gf+chl+car		
ML11-06	109.70	110.50	B53856	0.80	0.069	infill sample after flt; <5% white carv vn'let		
ML11-06	112.90	113.40	B53857	0.50	<.03	113m 0.20cm wide qtz+carb+chl vn at 30 deg TC		
ML11-06	120.30	121.00	B53858	0.70	<.03	multiple sub-parallel carb+chl vn's at 70 to 85 deg TCA at 0.25 to 1.25cm wide; negl		
ML11-06	124.80	126.00	B53859	1.20	<.03	four to five sub-parallel carb + chl vn's <1cm wide at 35 to 75 deg TCA and 10% carb vnle		
ML11-06	127.00	128.00	B53860	1.00	<.03	at 127.2 to 127.3m Flt with chl + carb+qtz with 1-3% diss p		

Hole_ID	From	To	Sample_#	Length	Au ppm	Description	Au ppm_ck	Au ppm-ck2
ML11-06	134.20	135.30	B53861	1.10	<.03	infill sample prior to Fl		
ML11-06	135.30	136.20	B53862	0.90	<.03	135.4 to 135.7m strong flt at 50 to 55 deg TCA with multiple slips and 13 cm wide calcite +qtz v with 3-5% mg py		
ML11-06	136.20	137.60	B53863	1.40	<.03	highly frac'd section with chl+carb +qtz infi		
ML11-06	149.10	150.10	B53864	1.00	<.03	strong stress fractures with qtz+carb+chl at 55 to 75 deg TCA; tr p		
ML11-06	150.10	151.10	B53865	1.00	<.03	as above with Syn to FP contac		
ML11-06	170.80	172.00	B53866	1.20	<.03	mod brittle frac'ing with chl; minor calcite in frac's <1mm wide at 55 to 75 deg TCA; FP dyke fro 171 to 171.1m		
ML11-06	*172.00*	*173.00*	*B53867*	*1.00*	*<.03*	*172.1 to 179.3m weak fracture-shear -flt zone with sections from 174.1 to 174.6 with 40% qtz+ank+chl vn'ing contorted +flt'd with 1-2% fg diss py predominant shear fabric from 50 to 70 deg TCA with local flt - bx at 15 -20 deg TCA and at 30 to 40 deg TCA; 172 to 172.5 strong frac'ing at 55 to 65 deg TCA with chl+calcite+carb; strong Flt at 17.5m at 35 deg TCA ser+chl alt'n*		
ML11-06	*173.00*	*174.00*	*B53868*	*1.00*	*<.03*	*see description in 172 to 173; Flt at 173.7 at 40 deg TCA with calcite+carb and 0 deg TCA Flt from 173.8 to 173.9m; 1-2 % py*		
ML11-06	*174.00*	*175.00*	*B53869*	*1.00*	*0.069*	*see description in 172 to 173; 35 to 45% qtz+ank+chl vn'ing is contorted by shear flt'inghaving 1-2% fg py in chl and in frac's on margins*		
ML11-06	*175.00*	*176.00*	*B53870*	*1.00*	*0.069*	*see description in 172 to 173;shear becomes more brittle frac'ing and more non-penetrative; <1% py*		
ML11-06	*176.00*	*177.00*	*B53871*	*1.00*	*<.03*	*see description in 172 to 173; 176.4 to 176.6m 15 deg TCA flt with 1.5cm wide qtz+ank vn; tr py*		
ML11-06	*177.00*	*178.00*	*B53873*	*1.00*	*0.069*	*see description in 172 to 173; mod frac'ing with chl+<5% qtz; tr py; 177.9m thin flt at 30 deg TCA with calcite+chl*		
ML11-06	*178.00*	*178.70*	*B53874*	*0.70*	*<.03*	*see description in 172 to 173*		
ML11-06	*178.70*	*179.50*	*B53875*	*0.80*	*0.069*	*see description in 172 to 173; flt at 70 and 20 deg TCA, higher angle Flt'ing cuts off low angle Flt; and at 179.3m 20 deg TCA Flt bx in qtz+calcite*		
ML11-06	179.50	181.00	B53876	1.50	<.03	mod hairline frac'ing with chl +qtz; <5% qtz; tr p		
ML11-06	181.00	182.10	B53877	1.10	<.03	at 181.7m start of non-penetrative carb fractures at 45 to 50 deg TCA adjacent to Bidgood #1 Zon with weak conjugate hairline fractures with carb		
ML11-06	***182.10***	***182.70***	***B53878***	***0.60***	***3.497***	***182.1 to 185.4m probably Main Bidgood #1 Zone, non-magnetic, strong ductile shear at 40 to 50 deg TCA with brittle frac'ing with chl+qtz+ank vn'ing sometimes cross cutting shear slips other times contorted by shear, overall 20-25% pale white opaque qtz+ank, 1-5% diss fg py in shear slips + frac's, shear is flt bounded at 185.4 appears low angle at 15 deg TCA with qtz+ank+fg diss py, strong ser+chl qtz+ank alt'n; 182.1 to 182.7 strong perv chl + 50% qtz+ank veining contorted and along shear frac slips at 50 to 60 deg TCA; 3-5% very fg py in slips***	***3.360***	***3.634***
ML11-06	***182.70***	***183.30***	***B53880***	***0.60***	***0.549***	***see description 182.1 to 182.7m; at 182.9m 5cm wide qtz+ank+carb vn at 65 to 70 deg TCA + other subparallel qtz-carb vn's 10-20%; 1-2% py in frac's***		
ML11-06	*183.30*	*184.20*	*B53881*	*0.90*	*<.03*	*see description 182.1 to 182.7m; 15 to 20% qtz+ank +carb concordant and acutely discondant with shear frac's, flt ay 184.1 with chl and calcite at 25 deg TCA*		
ML11-06	*184.20*	*184.80*	*B53882*	*0.60*	*<.03*	*see description 182.1 to 182.7m; 184.6 ti 184.8 qtz+dol vn'ing approx 75% 1-5% very fg py in frac adjacent to vn'ing*		
ML11-06	*184.80*	*185.50*	*B53883*	*0.70*	*0.206*	*see description 182.1 to 182.7m; mod frac'ing with tr py, bounding Flt at 185.35 at 25 deg TCA with qtz+carb+fg py*		

Hole_ID	From	To	Sample_#	Length	Au ppm	Description	Au ppm_ck	Au ppm-ck2
ML11-06	185.50	186.50	B53884	1.00	<.03	sharp gradational change from 185.4m to less alt'd syn, unit becomes magnetic again; weak sli with carb; negl py		
ML11-06	186.50	187.30	B53885	0.80	<.03	mod frac'ing-slips with calcite+carb; negl py, preom spec her		
ML11-06	187.30	188.00	B53886	0.70	<.03	as above		
ML11-06	188.00	189.30	B53887	1.30	<.03	as above		
ML11-06	189.30	190.00	B53888	0.70	<.03	at 189.3m 0.5cm wide qtz vn + calcite at 20 deg TCA; mod slips with carb+spec he		
ML11-06	190.00	191.00	B53889	1.00	<.03	at 190.3m flt at 40 deg TCA 1.5cm carb + chl; slips with chl + spec her		
ML11-06	191.00	192.00	B53890	1.00	<.03	weak frac'ing with carb + spec hen		
ML11-06	192.00	193.00	B53891	1.00	<.03	as above; 40 deg TCA		
ML11-06	193.00	194.00	B53892	1.00	<.03	10 to 15 deg TCA calcite +carb vn's <0.75 cm wid		
ML11-06	194.00	195.00	B53893	1.00	<.03	frac'ing at 35 to 40 deg TCA and 15 deg TCA; spec hem on slips + car		
ML11-06	195.00	196.00	B53894	1.00	<.03	weak frac'ing with carb + spec hen		
ML11-06	198.50	200.00	B53895	1.50	<.03	mutliple qtz+carb+chl vn's <3mm wide along subparallel slips at 20 to 40 deg TC		
ML11-06	206.10	207.00	B53897	0.90	<.03	multiple slips with carb+qtz+chl vn's <3mm wide, conjugate in some areas at 55 to 60 deg TCA		
ML11-06	210.30	211.00	B53898	0.70	<.03	multiple frac's with qtz+dol+carb+chl vn'ing up to 3mm wide at 20 to 35 deg TCA, 0 deg TCA sli starts at 210.3m		
ML11-06	211.00	212.00	B53899	1.00	<.03	20% dol+qtz+crb+chl vn'ing at 40 to 50 deg TCA up to 2cm wide with tr py + tr cpy; flt at 211.6m a 40 deg TCA with qtz+dol+carb +chl + tr cpy and 0 deg TCA late slip with carb+chl		
ML11-06	212.00	213.00	B53900	1.00	<.03	as above but 10% dol+qtz vn'in		
ML11-06	213.00	214.00	B53901	1.00	<.03	dominant late 0 deg TCA Flt - Slip with dol+ calcite+qtz+chl; tr cp		
ML11-06	214.00	214.80	B53902	0.80	<.03	as above		
ML11-06	215.80	216.60	B53903	0.80	<.03	215.8 to 216m 50% light grey dol+qtz vn'ing negl py; 216.5 m 45 deg TCA qtzvn chl on margins tr py		
ML11-06	216.60	217.60	B53904	1.00	<.03	217.15m 30 deg TCA qtz+dol+chl vn, 0.25 cm wide; multiple slips negl p		
ML11-06	220.10	221.00	B53905	0.90	<.03	220.2m possible flt at 20 deg TCA with chl; other fractures with vn'lets of qtz+dol at 40 to 45 de TCA and at 80 to 90 deg TCA		
ML11-06	221.00	221.90	B53906	0.90	<.03	15% qtz+clcite +dol+chl vn'ing negl py; at 221.75m weak flt with chl+carb at 20 deg TCA negl p with near parallel adacent frac's		
ML11-06	225.00	226.50	B53907	1.50	<.03	moderate fractures up to 1mm wide with catb+chl at 25 and 40 to 45 deg TCA; perv oxy'd hem		
ML11-06	226.50	227.20	B53908	0.70	<.03	226.7m 3cm wide qtz +dol vn adjacent to slips with chl at 50 deg TCA, tr p		
ML11-06	227.20	228.50	B53909	1.30	<.03	mod frac's with carb + chl, tr py		
ML11-06	229.20	230.00	B53910	0.80	<.03	subparallel qtz+calcite+chl vn'ing at 35 to 50 deg TCA up tpo 6mm wide; negl		
ML11-06	230.00	230.90	B53911	0.90	<.03	as above		
ML11-06	232.30	232.80	B53912	0.50	<.03	one qtz+calcite+chl vn at 232.4m at 45 deg TCA; negl p		
ML11-06	232.80	233.60	B53913	0.80	<.03	233.3 to 233.5m 25% white qtz vn'ing negl p		
ML11-06	233.60	234.40	B53914	0.80	<.03	subparallel qtz+caclite vn's at 45 to 50 deg TCA up to 3mm wic		
ML11-06	236.10	237.00	B53915	0.90	<.03	10 deg TCA flt slip from 236.5 to 237m offsets grey qtz vn's by 10 cm, tr p		
ML11-07	10.50	11.40	C1701	0.90	<.03	strong frac'd with chl+qtz-dol, 10.55 to 10.9m 0 deg TCA slip with chl + 2cm wide adjacent qtz v with hem + tr py; 1-2% py in frac's		
ML11-07	11.40	12.00	C1702	0.60	<.03	flt bx at 11.55 to 11.6m at 55 deg TCA; frac's at 60 to 65 deg TCA with chl+qtz-dol+spec hem + 2% py; lower 0-10 deg TCA slips with chl		
ML11-07	12.00	13.50	C1703	1.50	<.03	as above		
ML11-07	13.50	14.00	C1704	0.50	<.03	as above; poor recovery broken cor		

Hole_ID	From	To	Sample_#	Length	Au ppm	Description	Au ppm_ck	Au ppm-ck2
ML11-07	*14.00*	*14.50*	*C1705*	*0.50*	*0.069*	*strong localized shear from 14 to 15.2m at 55 deg TCA with 1-3% py along shear planes with chl+qtz-dol+ser; flt bx with chl at 14.3m at 55 deg TCA*		
ML11-07	**14.50**	**15.40**	**C1708**	**0.90**	**0.617**	**shear- frac's at 55 to 65 deg TCA with med grey qtz+dol vn'lets along frac's- shear planes, 1% diss py**		
ML11-07	15.40	16.80	C1709	1.40	0.137	moderate to strong frac'ing at 55 to 65 deg TCA; <1% p		
ML11-07	**19.10**	**20.00**	**C1710**	**0.90**	**0.617**	**19.2m 1.5cm wide qtz dol vn at 15 deg TCA minor py + spec hem**		
ML11-07	20.00	21.00	C1711	1.00	0.206	infill sample tr py		
ML11-07	21.00	22.50	C1712	1.50	1.166	**strong brittle frac'ing - penetrative to non-pene filled with qtz+dol+chl; tr py**	**1.166**	**1.166**
ML11-07	**22.50**	**23.00**	**C1713**	**0.50**	**0.549**	**start of frequent qtz+dol vn'ing 22.8m 4 cm wide qtz-dol vn at 55 to 60 deg TCA with 3% cpy + py; other 0.25 cm wide qtz+dol vn'ing subparallel to large vn**		
ML11-07	23.00	24.00	C1714	1.00	<.03	frac'ing with grey qtz+dol vn'ing + chl at 20 deg TCA with minor ser; 1-2% anhedral py in frac's vn's		
ML11-07	24.00	25.00	C1715	1.00	0.206	15-20% qtz+dol vn'ing up to 1.5 cm wide predom at 10 to 20 deg TCA with 3-5% spec hem in vn as well as cpy+ py		
ML11-07	25.00	26.00	C1716	1.00	<.03	25.1m 1.75 cm wide qtz+dol vn at 15 deg TCA with coeval qtz+dol vn at 55 deg TCA, ne intersection of both cpy occurence		
ML11-07	26.00	27.00	C1717	1.00	<.03	infill sample tr py		
ML11-07	27.00	27.80	C1718	0.80	<.03	27.5m 4 cm wide separate qtz+carb vn'ing at 45 deg TC		
ML11-07	34.80	35.70	C1719	0.90	<.03	infill sample adjacent to shear zone; negl p		
ML11-07	35.70	36.50	C1720	0.80	0.274	10% vuggy qtz+carb vn'ing with 3-5% py; 1-2% py in frac's- shear slip		
ML11-07	*36.50*	*37.00*	*C1721*	*0.50*	*0.411*	*moderately strong shear at 5 deg TCA and 30 deg TCA with 10% qtz+ carb vn'ing with py and diss py in frac's with chl; overall 5-8% py; broken core - blocky grnd*		
ML11-07	*37.00*	*37.80*	*C1722*	*0.80*	*<.03*	*orange brn colour matrix; strong shear at 30 deg TCA with 5-8% py in chl slips+frac's*		
ML11-07	37.80	39.00	C1724	1.20	<.03	wispy qtz+dol vn'ing from 37.8 to 38; negl p		
ML11-07	42.00	42.70	C1726	0.70	<.03	10-15% vuggy qtz+carb vnlets <0.5 cm wide at 35 to 60 deg TCA with spec he		
ML11-07	47.60	48.40	C1727	0.80	0.069	white-pink qtz+white qtz+carb-dol fill in frac's with chl at 20 deg TCA; 48.2 to 48.35m 75% qtz+dol 45 deg TCA cross cut by later 5 to 25 deg TCA qtz+dol vn'ing; 1% fg py		
ML11-07	48.40	49.40	C1728	1.00	0.069	mod brittle frac'ing with 3-5% fg py in frac's with white qtz+dol +cl		
ML11-07	49.40	50.20	C1729	0.80	<.03	as above but less py 1-3% p		
ML11-07	50.20	51.00	C1730	0.80	<.03	as above; badly broken grn		
ML11-07	51.00	52.00	C1731	1.00	<.03	1-3% fg py on slips with chl; badly broken grn		
ML11-07	52.00	53.50	C1732	1.50	<.03	52.77m 2cm wide pink qtz+carb vn at 80 deg TC		
ML11-07	53.50	54.00	C1733	0.50	0.069	weak frac'ing with 1% py		
ML11-07	54.00	54.60	C1734	0.60	1.440	**54 to 54.4m mod frac'ing with qtz+dol+chl+3-5% fg py in frac's**	**1.509**	**1.371**
ML11-07	**54.60**	**55.50**	**C1735**	**0.90**	**0.549**	**qtz+dol vnlets at 25 to 30 deg TCA; tr py**		
ML11-07	58.50	59.30	C1736	0.80	<.03	0 deg TCA carb+qtz fill in frac's; 59m 2cm wide carb vn at 40 deg TC		
ML11-07	66.30	67.30	C1737	1.00	0.069	66.3 to 68.2m 55 to 70 deg TCA brittle hairline frac's with qtz+dol+chl cross cut by later 10 to 25 de TCA carb+qtz vn'ing with occasional cpy		
ML11-07	67.30	68.30	C1739	1.00	<.03	as with 66.3 to 67.3m		
ML11-07	68.30	69.30	C1741	1.00	<.03	weak frac'ing with negl py		
ML11-07	69.30	70.30	C1742	1.00	<.03	mod frac'ing with chl+1-2% py		
ML11-07	70.30	71.40	C1743	1.10	<.03	weak frac'ing with negl py		
ML11-07	79.90	80.70	C1744	0.80	<.03	flt - chl+bx at 80.45m at 20 deg TC		
ML11-07	82.80	84.00	C1745	1.20	<.03	82.8m flt carb+chl and at 83.85m		
ML11-07	87.50	88.00	C1746	0.50	<.03	flt-slip at 87.5m, negl py		

Hole_ID	From	To	Sample_#	Length	Au ppm	Description	Au ppm_ck	Au ppm-ck2
ML11-07	**88.00**	**88.50**	**C1747**	**0.50**	**0.480**	**3-5% fg py in <1mm frac's at 50 deg TCA + flt-slips at 88.35m at 75 deg TCA with chl+carb**		
ML11-07	88.50	89.50	C1748	1.00	<.03	88.9m slips with chl+carb; 2 qtz vn's at 40 deg TCA <0.5cm wid		
ML11-07	89.50	90.30	C1749	0.80	<.03	minor slips with chl + carb vn'ing; 90.13 to 90.21m carb+qtz+chl at 90 deg TC		
ML11-07	92.00	93.00	C1750	1.00	<.03	slips with chl+adjacent carb vn's at 85 and 65 deg TC/		
ML11-07	97.60	98.10	C1751	0.50	<.03	97.9m flt bx at 35 deg TCA		
ML11-07	99.30	100.60	C1752	1.30	<.03	2 slip-flt + bx at 99.35m and 100.5m at 65 and 45 deg TCA respective		
ML11-07	100.60	101.60	C1753	1.00	<.03	101.5 chl slips at 45 deg TCA		
ML11-07	102.50	103.50	C1754	1.00	<.03	multiple pink-white carb vnlets at 25 to 40 deg TCA occasionally conjugate; minor spec he		
ML11-07	103.50	104.30	C1756	0.80	0.206	103.8 to 104.3m 15-25% grey white qtz+dol vn'ing with 5-10% spec hem at 45 to 60 deg TCA; sl flt at 103.8m with calcite+carb+dol vn +chl at 55 deg TCA		
ML11-07	104.30	105.60	C1757	1.30	<.03	infill sample 0 deg TCA slip with chl+carb-qtz vı		
ML11-07	105.60	107.00	C1758	1.40	<.03	as above		
ML11-07	107.00	107.70	C1759	0.70	0.14	strong local shear 107.2 to 107.5m 95% carb+calcite+dol+qtz+chl, tr py at 40 deg TC		
ML11-07	107.70	108.40	C1761	0.70	<.03	1 cm wide qtz vn at 108.05m at 70 deg TC/		
ML11-07	115.20	116.00	C1762	0.80	<.03	FP-Syn contact, <5% carb vn'ing		
ML11-07	122.70	123.40	C1763	0.70	<.03	possible fault- rubble-gouge from 122.8 to 123r		
ML11-07	127.80	128.50	C1764	0.70	<.03	sample adjacen to shear in FP 5-10% pink-white carb in frac		
ML11-07	*128.50*	*129.30*	*C1765*	*0.80*	*0.274*	*at FP-Syn contact 128.65 to 129.01m strong shear-flt at 35 to 40 deg TCA chl+carb alt'n, 2 cm wide vn at 35 deg with 2-5% fg anhedral py;*		
ML11-07	129.30	130.20	C1766	0.90	<.03	adjacent to shear, minor carb frac'in		
ML11-07	**136.20**	**137.30**	**C1767**	**1.10**	**0.617**	**136.6m flt slip at 45 deg TCA; 136.65 to 137.2 90 deg TCA shear slips with chl+carb, tr py 137.2 to 137.7 flt with chl+carb+gouge at 0 to 5 deg TCA**		
ML11-07	137.30	138.00	C1768	0.70	<.03	see description above, tr p		
ML11-07	138.00	139.40	C1769	1.40	<.03	<5% carb+calcite+chl frac's; negl p		
ML11-07	***139.40***	***140.10***	***C1770***	***0.70***	***0.549***	***Bidgood #1 Zone ? 20% pink qtz at 0-30 deg TCA; 30-40% dol+chl+qtz vn'ing at 45 to 55 deg TCA; 1-3% fg py in dol+qtz+chl vn'ing***		
ML11-07	140.10	141.20	C1772	1.10	<.03	moderate frac'ing with carb + chl; negl p		
ML11-07	142.00	142.60	C1773	0.60	0.69	parallel slips with chl+adjacent carb+dol+qtz vn's; chl + ser alt'n; negl p		
ML11-07	145.00	145.60	C1774	0.60	<.03	sample adjacent to strong shear zone; weak frac'in		
ML11-07	*145.60*	*146.90*	*C1775*	*1.30*	*<.03*	*Bidgood #1 Zone?, 2- flt bx at 146.05 and 146.2m at 30 and 25 deg TCA with carb+dol+bx; strong ser+minor chl alt'n; tr py in vn'ing*		
ML11-07	146.90	147.50	C1776	0.60	<.03	sample adjacent to strong shear zone; weak frac'in		
ML11-07	149.00	150.50	C1777	1.50	<.03	4 qtz+dol+carb vn'ingat 45 to 65 deg TCA with chl + 1-2% spec her		
ML11-07	**150.50**	**151.40**	**C1778**	**0.90**	**0.617**	**flt at 150.6 to 150.7m at 5 deg TCA with carb+dol+qtz+ chl; negl py; 151.3m 1.2cm wide carb+dol vn at 65 deg TCA**		
ML11-07	153.00	153.50	C1779	0.50	<.03	sample adjacent to sample with grey qtz v		
ML11-07	*153.50*	*154.00*	*C1780*	*0.50*	*0.480*	*155.6m flt bx +chl at 40 deg TCA; 153.7 to 153.8m dk black qtz? + 2cm wide grey qtz vn at 55 deg TCA chl slip bounded*		
ML11-07	154.00	155.00	C1781	1.00	0.274	weak qtz and carb vn'ing widely spaced; 154.9 0.5cm wide calcite+carb vn at 50 deg TC		
ML11-07	155.90	157.00	C1782	1.10	<.03	two <0.5cm qtz+dol vn'ing with ser + chl alt'n halo		
ML11-07	166.50	167.20	C1783	0.70	<.03	55 to 65 deg TCA slips with chl+carb+dol+calcite; negl p		
ML11-07	167.75	168.60	C1784	0.85	<.03	2 carb+dol +chl vn's at 20 deg TCA, <0.5 cm wid		
ML11-07	169.85	170.90	C1785	1.05	<.03	bx+ qtz healing at FP-Syn contact; 170 to 170.2 microfracturing with 1-3% fg py + perv ser; flt-sl at 170.18m at 75 deg TCA with chl+carb		

Hole_ID	From	To	Sample_#	Length	Au ppm	Description	Au ppm_ck	Au ppm-ck2
ML11-07	185.40	186.60	C1786	1.20	<.03	4 to 5 qtz+dol vn's <0.5 cm wide+ minor calcite vn's in perv alt'd ser+chl zone+ strong fabric fol'n 50 to 65 deg TCA		
ML11-07	186.60	187.60	C1787	1.00	<.03	infill sample		
ML11-07	187.60	188.30	C1788	0.70	<.03	FP-Syn contact; slips at 187.65 and 188.06m at 80 to 90 deg TCA; 15% qtz+dol vn'ing in syn minor calcite vn'ing in FP near contact		
ML11-07	189.70	190.20	C1789	0.50	<.03	189.96m 1cm wide qtz vn at 85 deg TC/		
ML11-07	191.70	192.80	C1790	1.10	<.03	5-10% qtz+dol vn'ing+ 20 deg TCA slips with calcite + ch		
ML11-08	472.00	473.10	B54653	1.10	0.137	4* 1/8" wt qv w 3% cse d py+3% cp+ 5% spec@2		
ML11-08	473.10	473.90	B54654	0.80	<.03	2* 1/8" wt qv w 3% cse d py+3% cp+ 5% spec@2		
ML11-08	473.90	474.60	B54655	0.70	0.069	hily bl'd; 0.2m q-ank in BC w 20% chl @36; 0.05m wt qv+q-ank str's w 5% cp@38-6		
ML11-08	474.60	475.80	B54656	1.20	<.03	1/8" wt qv w 3% cse d py+3% cp; tight pk carb w 5% cp@4		
ML11-08	478.70	479.70	B54657	1.00	<.03	BC; 1/2" dull wt qv w 3% cp @67		
ML11-08	479.70	480.60	B54658	0.90	0.206	0.1m+ 2* 1/4" pa gy-wt q str's in hily bl'd por@62 w 2% f d p		
ML11-08	480.60	482.00	B54659	1.40	0.069	fresh; 1/2" q-ank vn @25		
ML11-08	482.00	483.00	B54660	1.00	0.343	hily bl'd; 1/8" pa gy qv@32		
ML11-08	483.00	484.30	B54661	1.30	0.274	mody-wy bl'c		
ML11-08	486.50	487.20	B54662	0.70	0.137	wy bl'd centred on at least 1/4" pa gy qv@72 w 2% f d c		
ML11-08	489.60	490.40	B54663	0.80	0.069			
ML11-08	**490.40**	**491.20**	**B54664**	**0.80**	**0.891**	0.2m pa gy qv's to 2"@45 w 8% cse d py+5% c		
ML11-08	491.20	491.70	B54666	0.50	0.206			
ML11-08	492.80	493.50	B54667	0.70	<.03	hily bl'd		
ML11-08	493.50	494.30	B54668	0.80	<.03	hily bl'd; 2* 0.1m q-ank vn's@43 w 5% cse d p		
ML11-08	494.30	495.50	B54669	1.20	<.03	1/4" pa gy lam'd qv @40-bullisl		
ML11-08	495.50	496.60	B54670	1.10	<.03	wy bl'd; 1/2" shim pa gy qv w 10% f d cp@8		
ML11-08	496.60	498.00	B54671	1.40	<.03	wy bl'd		
ML11-08	498.00	499.20	B54672	1.20	<.03	2* 1/8" pa gy qv's @25+15 w 10% spec+1% cse d py; mody bl'		
ML11-08	499.20	500.30	B54674	1.10	<.03	1/8" bull pa gy qv@3(		
ML11-08	500.30	501.20	B54675	0.90	<.03	mody bl'd -assd w fract's@0+5		
ML11-08	501.20	502.40	B54676	1.20	<.03	fresh		
ML11-08	502.40	503.10	B54677	0.70	<.03	3% pk carb-qtz vn's 1/8" w 2% cp gen@3(		
ML11-08	503.10	503.90	B54678	0.80	0.137	2* 1/4" pa gy qv@15 w 5% spec+10% cp in wy bl'		
ML11-08	503.90	504.70	B54679	0.80	0.069	10% 1/8"-1/2" pa gy qv's@30-70 w 3% spec+10-12% cp in wy hem'd/k-alt		
ML11-08	504.70	505.50	B54680	0.80	0.069			
ML11-08	505.50	506.50	B54681	1.00	0.069	1/4" wt qv @40-bullish		
ML11-08	506.50	507.30	B54682	0.80	<.03			
ML11-08	507.30	508.00	B54683	0.70	<.03	1/4" wt qv @40-bullish		
ML11-08	508.00	509.15	B54684	1.15	<.03	wy bl'd		
ML11-08	509.15	510.00	B54685	0.85	<.03	wy bl'd; 1/4" pa gy lam'd qv @30-bullis		
ML11-08	510.00	511.20	B54686	1.20	<.03	wy bl'd@46		
ML11-08	511.20	512.50	B54687	1.30	<.03			
ML11-08	512.50	513.40	B54688	0.90	<.03			
ML11-08	513.40	514.50	B54689	1.10	<.03			
ML11-08	514.50	515.40	B54690	0.90	0.274	1% fract's w 3% cp@15		
ML11-08	515.40	516.20	B54691	0.80	<.03	1% fract's w 3% cp@15		
ML11-08	516.20	517.50	B54692	1.30	<.03	1% fract's w 3% cp@15		

Hole_ID	From	To	Sample_#	Length	Au ppm	Description	Au ppm_ck	Au ppm-ck2
ML11-08	517.50	518.50	B54693	1.00	0.274	1% fract's w 3% cp@15		
ML11-08	**518.50**	**519.40**	**B54694**	**0.90**	**0.686**	**15% grey qtz + calcite vn'ing at 518.7 with py+cpy at 35 to 40 deg TCA**		
ML11-08	519.40	520.20	B54696	0.80	0.069	mod penetrative + non-penetrative frac'ing with orange -brown carb + 1% py + <1% cpy + 1-3% sp hem		
ML11-08	520.20	521.40	B54697	1.20	0.069	as above		
ML11-08	521.40	522.15	B54698	0.75	<.03	as above		
ML11-08	527.30	528.05	B54699	0.75	0.274	weak frac'ing with carb; one 1.5cm wide qtz vn at 65 to 70 deg TCA with tr p		
ML11-08	533.30	534.60	B54701	1.30	0.137	early orange brown carb at predom 15 to 35 deg TCA with 1-3% spec hem + 0.5% cpy + tr py, lat qtz vn'lets at 65 to 80 deg TCA with tr py + tr cpy		
ML11-08	534.60	535.70	B54702	1.10	<.03	start of good shearing at 535.1m; mod frac'ing at 10-25 deg TCA with chl+qtz+dol+ orange brow carb with spec hem+ tr cpy+py		
ML11-08	535.70	536.50	B54703	0.80	<.03	mod to strong frac'ing at 15 and 30 deg TCA		
ML11-08	536.50	538.10	B54704	1.60	0.069	low angle brittle frac'ing at 15 to 25 deg TCA with fabric fol'n with chl+ ser alt'n+ tr py; late 65 to 8 deg qtz + dol bone white vn'ing no mineralization		
ML11-08	538.10	539.20	B54705	1.10	0.137	538.6 to 538.8m Flt at 15 deg TCA with qtz+ chl+bx; 75 deg TCA qtz vn'ing offset by flt; ser alt' adjacent to flt with frac'ing; tr py		
ML11-08	540.80	542.25	B54706	1.45	<.03	5% orange brown carb on slips with spec hem+ cpy +p		
ML11-08	542.25	543.25	B54707	1.00	<.03	as above		
ML11-08	543.25	543.90	B54708	0.65	<.03	5% qtz + carb vn'ing <3mm wide at variable angles with spec hem + tr c		
ML11-08	545.20	546.30	B54709	1.10	<.03	5-8% qtz+carb and carb vn'ing 1 to 4mm wide at predom low angles TCA; 1-3% spec he		
ML11-08	547.70	548.70	B54710	1.00	<.03	548.2m 1 cm wide carb + chl vn along Flt at 20 deg TCA; 1% spec he		
ML11-08	553.90	554.70	B54711	0.80	<.03	553.9m ser+ chl frac's along slips at 85 deg TCA; 554 to 554.7 tectonic bx healed with carb, negl py		
ML11-08	**555.90**	**556.70**	**B54712**	**0.80**	**0.549**	0 deg TCA slips with graphite and oblique to these slips 10-25 deg TCA brown carb with 1-5% spe hem + <0.2% cpy		
ML11-08	558.50	559.50	B54713	1.00	<.03	<5% qtz + carb vn'ing 1 to 4mm wide at 45 to 65 deg TC		
ML11-08	562.00	562.80	B54714	0.80	<.03	562 to 562.1m 50 deg TCA 1 to 2 cm wide carb + qtz+ calcite vn'ingwith cpy splashes + minor spe hem; remainder of sample slips with spec hem with occasional cpy		
ML11-08	563.80	564.80	B54715	1.00	<.03	<5% carb +calcite vnlets <2mm wide with spec her		
ML11-08	568.70	569.40	B54716	0.70	<.03	568.8 to 569.2m tectonic bx with pink orange car		
ML11-08	569.40	570.80	B54717	1.40	<.03	slips with 1-2% spec hem + cpy + graphite + carl		
ML11-08	572.90	573.70	B54718	0.80	<.03	one 0.25 cm qtz + carb on margin vn discordant with bedding at 20 deg TC		
ML11-08	577.00	577.90	B54719	0.90	0.206	two 20 deg TCA 0.25 carb+calcite vn's; multiple slips at 45 deg TCA with ca		
ML11-08	577.90	578.90	B54721	1.00	<.03	as with 577 to 577.9m		
ML11-08	**578.90**	**580.00**	**B54722**	**1.10**	**0.549**	**flt at 579.3 at 55 deg TCA with calcite+chl 1 cm wide**		
ML11-08	**580.00**	**581.00**	**B54723**	**1.00**	**0.549**	**5-10% carb + calcite vn'ing at variable angles; 1-2% spec hem + minor cp**		
ML11-08	581.00	582.00	B54724	1.00	0.343	1-3% spec hem + <0.1% cpy on slips with brown car		
ML11-08	**582.00**	**582.80**	**B54725**	**0.80**	**0.686**	**as above; grey qtz vn 2 cm wide at 40 deg TCA at 582.3m with fg cp**		
ML11-08	**582.80**	**583.50**	**B54726**	**0.70**	**1.920**	**strong frac'ing at 40 to 55 deg TCA with carb + 3-5% spec hem + 0.2% cpy + graphit**	**1.920**	**1.920**
ML11-08	***583.50***	***584.00***	***B54727***	***0.50***	***3.326***	***strong frac'ed zone 583.5 to 584.8m with 20 to 50% carb+ calcite + bone white grey qtz + minor chl with 1% cpy + moly?, grey streak , late? frac'ing at 40 to 55 deg TCA but vein'ing may be at 15 to 20 deg TCA discordant to bedding which is at 40 to 50 deg TCA***	***3.223***	***3.429***
ML11-08	***584.00***	***584.90***	***B54728***	***0.90***	***0.549***	***as with 583.5 to 584 but 75 to 85% carb+calcite and cpy bleb***		
ML11-08	blank		B54729		<.03			

Hole_ID	From	To	Sample_#	Length	Au ppm	Description	Au ppm_ck	Au ppm-ck2
ML11-08	**584.90**	**586.00**	**B54730**	**1.10**	**0.686**	**frac'ing with carb vn'ing weak perv ser from 584.9 to 585.2m**		
ML11-08	**586.00**	**587.00**	**B54731**	**1.00**	**0.617**	**weak to mod frac'ing with chl +qtz+carb**		
ML11-08	588.20	589.00	B54732	0.80	0.343	multiple slips at 0 to 35 deg TCA with brown carb + 3-5% spec hem+<0.1% cpy+ tr py; slip timing is later than bedding fabric, slips sometimes concordant + but mostly discordant; core badly broken		
ML11-08	589.00	590.50	B54733	1.50	0.411	as with 588.2 to 589m		
ML11-08	***590.50***	***592.00***	***B54734***	***1.50***	***0.754***	***as with 588.2 to 589m***		
ML11-08	**592.00**	**593.50**	**B54735**	**1.50**	**0.480**	**as with 588.2 to 589m**		
ML11-08	593.50	595.00	B54736	1.50	0.343	as with 588.2 to 589m		
ML11-08	598.00	598.90	B54737	0.90	0.206	multiple slips with spec hem; at 598.5m contact flt Congl -QFP with calcite+carb+chl at 55 deg TCA		
ML11-08	603.40	604.80	B54738	1.40	0.069	two 4mm wide grey qtz vn'lets at 15 to 20 deg TCA; negl p		
ML11-08	619.00	620.50	B54739	1.50	0.069	5-10% vuggy calcite vn'ing <0.25 cm wide with 1-3% spec hem + appreciable cpy but in narro slips, overall <0.1% cpy		
ML11-08	620.50	622.00	B54741	1.50	0.274	as with 619 to 620.5m		
ML11-08	622.00	622.60	B54742	0.60	0.137	mod frac'ing with 5% qtz +carb+calcite vnlets at 15 deg TC		
ML11-08	***622.60***	***623.40***	***B54743***	***0.80***	***0.617***	***622.7 to 625.5m Flt bounded shear-frac'd zone with network brittle frac's with dk chl? and brown-pink carb minor spec hem, occasional cpy at variable angles with later low angle grey qtz+calcite vn'ing at 10 to 20 deg TCA with occasional spec of cpy; Flt angles at 45 to 55 deg TCA; 622.7 to 622.75 Flt with 5cm wide calcite+chl vn, two subparallel qtz+carb vn's <0.5cm wide at 15 deg TCA***		
ML11-08	*623.40*	*624.40*	*B54745*	*1.00*	*0.206*	*see description in 622.6 to 623.4; strong frac'ing with chl +calcite+carb; occasional cpy*		
ML11-08	***624.40***	***625.50***	***B54746***	***1.10***	***0.480***	***see description in 622.6 to 623.4; strong frac'ing with chl +calcite+carb; occasional cpy 7cm wide vuggy calcite+carb+chl vn at 55 deg TCA***		
ML11-08	625.50	626.50	B54747	1.00	0.274	5-10% vuggy calcite + carb vn'ing woth minor spec hem + minor cpy up to 1 cm wide at 45 to 65 d TCA		
ML11-08	***626.50***	***628.00***	***B54748***	***1.50***	***0.686***	***5% carb vnlets on slips with occasional cpy+spec hen***		
ML11-08	***628.00***	***629.50***	***B54749***	***1.50***	***1.406***	***10% subparallel grey qtz vnlets at 25 deg TCA; carb slips with spec hem + rare cp***	***1.440***	***1.371***
ML11-08	***629.50***	***631.00***	***B54750***	***1.50***	***1.715***	***as above; EOH***	***1.646***	***1.783***
ML11-09	4.30	5.80	C1791	1.50	<.03	15% grey laminar vn'ing at 25 to 45 deg TCA 1-2% fg py and later white dol+qtz vn'lets at 55 to deg TCA		
ML11-09	5.80	6.50	C1792	0.70	<.03	<2% vn'ing		
ML11-09	6.50	7.50	C1793	1.00	<.03	2-3 grey laminar vn's 0.5 to 1 cm wide at 35 deg TCA; 1-2% py; flt with dol at 7.47		
ML11-09	8.70	10.20	C1794	1.50	0.069	5% grey laminar vn'ing ; <5% dol+qtz hairline frac		
ML11-09	10.20	11.70	C1795	1.50	<.03	10% grey laminar vn'ing 1-3% fg py + minor fine cpy in frac's within vn's;10% late dol vn's at 55 to deg TCA		
ML11-09	11.70	12.50	C1796	0.80	<.03	non-penetrative frac's with silica+dc		
ML11-09	12.50	13.80	C1797	1.30	0.069	flt at 12.7m at 45 deg TCA and at 13.7m at 70 deg TCA; <5% vn'ing; 1% fg p		
ML11-09	13.80	15.30	C1798	1.50	<.03	predom 0 deg TCA frac's vning with both grey qtz+dol vn'in		
ML11-09	15.30	16.80	C1799	1.50	<.03	5-10% grey crenulated in places grey qtz vn'ing at 0 to 40 deg TCA with 1% fg		
ML11-09	16.80	18.00	C1800	1.20	0.137	as above grey vn'ing at 0 deg TC		
ML11-09	18.00	19.00	C1801	1.00	0.206	2-3mm grey qtz vn'ing at 5-10 deg TCA; 18.3 to 18.7m bull grey-white qtz with splashes of cpy margins and 1% fg py		
ML11-09	19.00	20.50	C1802	1.50	0.274	1 to 2 grey laminar vn'ing at 0 deg TCA; later dol+qtz vn'ing at 40 to 50 deg TCA; 19.9m to 20.1 bull grey-white qtz; 1% fg py		

Hole_ID	From	To	Sample_#	Length	Au ppm	Description	Au ppm_ck	Au ppm-ck2
ML11-09	22.80	23.90	C1804	1.10	0.206	weak ser alt'n than previous samples' 5% grey qtz vn'ing 1%		
ML11-09	23.90	24.70	C1805	0.80	<.03	two pale white transparent qtz+minor dol vn's at 65 and 35 deg TCA 0.15 cm wide with 35 deg TC vn having 2% cpy; 4cm wide grey qtz laminar vn at 45 deg TCA with py+cpy		
ML11-09	24.70	26.30	C1807	1.60	0.411	26 to 26.3m grey laminar qtz vn'ing with 1-2% fg p		
ML11-09	**26.30**	**27.70**	**C1808**	**1.40**	**0.480**	3 grey vn's at 15 and 85 deg TCA 1% p		
ML11-09	32.60	33.10	C1809	0.50	<.03	flt with gouge at 32.8m broken core with rubble; 4mm qtz+carb v		
ML11-09	34.10	34.60	C1810	0.50	<.03	flt at 34.3 to 34.43m with 4cm wide vn at 85 deg TCA with <1% cp		
ML11-09	35.90	36.50	C1811	0.60	0.069	36 to 36.2m grey qtz vn at 65 to 70 deg TCA with py in later frac		
ML11-09	38.80	39.70	C1812	0.90	0.137	2 - 2 cm and 0,25cm wide dol vn's at 40-45 deg TCA; 15% multiple grey laminar vn's at 15, 45, 7 deg TCA with 1-2% fg diss py + minor cpy		
ML11-09	41.00	41.70	C1813	0.70	0.206	multiple dol+qtz vn'lets at 40 to 45 deg TCA; tr p		
ML11-09	43.60	44.20	C1814	0.60	0.137	43.6 to 43.9m qtz+dol vn at 15 deg TCA with 2% p		
ML11-09	48.30	49.30	C1815	1.00	0.069	1-3% fg py in frac's near mafic dyke contact; flt gouge at conta		
ML11-09	49.30	50.10	C1816	0.80	<.03	Mafic Dyke-QFP contac		
ML11-09	57.00	57.80	C1817	0.80	0.274	1-2% fg diss py in hairline frac's		
ML11-09	57.80	59.30	C1818	1.50	0.206	at 58.15m 45 deg TCA dol + calcite vn with 3-5% fg; other 5% dol+calcite and dol vn'ing at 45 to 8 deg TCA; <5% grey laminar vn'ets		
ML11-09	60.90	61.90	C1819	1.00	0.206	25% grey and bull white v'ing 25 to 60 deg TCA; 1-2% fg py + minor fine cpy in vr		
ML11-09	61.90	63.00	C1820	1.10	<.03	15% grey and bull white v'ing 25 to 60 deg TCA; 1-2% fg py + minor fine cpy in vr		
ML11-09	63.80	64.80	C1821	1.00	0.206	30% grey laminar vn'ing at 0 to 10 deg TCA with fg py+ 1% spec hem; slip flt + dol+bx at 63.81m 90 deg TCA		
ML11-09	blank		C1822		<.03			
ML11-09	64.80	65.60	C1823	0.80	<.03	<5% v'ing; tr py		
ML11-09	65.60	66.10	C1825	0.50	0.137	localized shearing at 35.6m with 7cm wide grey laminar vn with grey-white qtz at 35 deg TCA; oth smaller grey laminar vn' s at 15 and 0 deg TCA with 1-2% fg py + fine cpy in vn's		
ML11-09	66.10	66.70	C1826	0.60	0.069	tr py; <2% vn'inc		
ML11-09	66.70	68.20	C1827	1.50	0.206	2 - 1cm wide grey vn's at 20 deg TCA + 5% dol+calcite vn'ing; 1% diss p	number sequence c	
ML11-09	**71.40**	**72.80**	**C1908**	**1.40**	**0.480**	**1-4% fg diss py in hairline non-penetrative frac's with ser; <5% 1mm wide qtz+dol vnlets**		
ML11-09	**72.80**	**73.80**	**C1909**	**1.00**	**0.480**	**0.5cm wide qtz+dol+calcite vn at 65 to 70 deg TCA with 45% py; two other qtz+dol+calcite vn's at 45 and 65 deg TCA negl py; 0ne 3cm wide qtz+dol vn at 55 deg TCA negl py; 1-2% py in matrix**		
ML11-09	73.80	75.00	C1910	1.20	0.411	at 74.6m 2cm wide Flt with dol+qtz+chl at 90 deg TCA with 3cm frac's section adjacent to fl		
ML11-09	75.00	76.50	C1911	1.50	<.03	3-5% diss py within and on margins of qtz+carb+dol vnlets at 15 to 30 deg TCA with occasion spec hem		
ML11-09	76.50	78.00	C1912	1.50	0.274	multiple qtz+dol vnlets at 60 to 85 deg TCA; 0-25 deg TCA frac's with qtz + dol+py; overall 1-2% py		
ML11-09	78.00	78.90	C1913	0.90	0.411	three 0.3cm wide qtz+carb +dol vn's at variable angles; 1-2% py in mat		
ML11-09	78.90	80.40	C1914	1.50	<.03	1-2% diss py in matrix; infrequent hairline frac's adjacent to qtz+dol +carb vn'ing sometimes with + minor cpy		
ML11-09	**80.40**	**81.50**	**C1915**	**1.10**	**0.891**	**10-15% grey laminar stockwork vn'ing with py within late frac's in vn's; later white to porcelain white qtz+dol+carb vn lets with occasional py**		
ML11-09	**81.50**	**82.50**	**C1916**	**1.00**	**0.754**	**10% grey sheeted vn'ing with late frac's with fg py+ cpy; overall 1-3% p**		
ML11-09	**82.50**	**83.50**	**C1918**	**1.00**	**0.754**	**15% grey sheeted vn'ing up to 2cm wide with white frac's + 1-3% fg py + minor cp**		
ML11-09	**83.50**	**84.50**	**C1920**	**1.00**	**0.686**	**5% grey sheeted vn with fg py; multi carb+qtz vn'ing at variable angles**		

Hole_ID	From	To	Sample_#	Length	Au ppm	Description	Au ppm_ck	Au ppm-ck2
ML11-09	84.50	86.00	C1921	1.50	<.03	mod frac'ing with carb+calcite+dol+qtz at variable angles; non penetrative to penetrative netw hairline frac's with 1-2% fg py		
ML11-09	86.00	87.00	C1922	1.00	<.03	0 to 20 deg TCA sheeted dk grey vn'ing ~15% and later cross cutting carb+calcite+qtz vn'ing at 45 75 deg TCA with 1-2% fg py		
ML11-09	87.00	88.50	C1923	1.50	<.03	mod frac'ing with carb+calcite+dol+qtz at variable angles; non penetrative to penetrative netw hairline frac's with 1-2% fg py		
ML11-09	88.50	89.90	C1924	1.40	<.03	1-3% diss fg py in non to penetrative hairline frac's with ser +c		
ML11-09	89.90	90.70	C1925	0.80	<.03	at 90.2m 0.2 cm wide porcelain white carb vn with 75% py at 20 deg TCA; at 90.4m flt wi qtz+carb+chl at 20 deg TCA; 1-2% diss py in frac's		
ML11-09	90.70	92.20	C1927	1.50	<.03	weak hairline frac'ing with 1-2% diss py + ser; wk qtz+carb vn'ing with tr		
ML11-09	92.20	93.30	C1928	1.10	0.137	two pink-white qtz vn at 25 deg TCA with splash of cpy 0.5cm widths; 5% dk grey sheeted vnlets; 93.1m sheeted vn'ing 5 cm wide + 1-2% py in frac's, vn at 55 deg TCA		
ML11-09	93.30	94.50	C1929	1.20	<.03	weak hairline frac'ing with 1-2% diss py + se		
ML11-09	94.50	95.40	C1930	0.90	<.03	at 95 m Flt with chl+carb at 20 deg TCA; mod frac'ing with 2-5% diss p		
ML11-09	95.40	96.20	C1931	0.80	<.03	95.7 to 96m qtz+minor dol vn adjacent to slip at 15 deg TCA; 1-2% diss py in hairline frac		
ML11-09	96.20	96.90	C1932	0.70	0.206	1% diss py		
ML11-09	96.90	97.80	C1933	0.90	<.03	1-2% py in frac'd sheeted dk grey vn'		
ML11-09	97.80	99.00	C1934	1.20	<.03	as above; 10% vn'in		
ML11-09	99.00	100.50	C1935	1.50	<.03	<5% vn'ing; <1% diss p		
ML11-09	100.50	101.50	C1936	1.00	0.137	5% 2mm wide dk grey vn'lets 1% p		
ML11-09	101.50	102.70	C1937	1.20	<.03	<1% py; weak frac'ing + vn'in		
ML11-09	102.70	104.00	C1939	1.30	0.069	102.8m 3cm wide primary bx with qtz+dol healing; <1%		
ML11-09	104.00	105.50	C1940	1.50	0.137	fine hairline frac's with diss py+ser+chl; two to three porcelain white qtz+dol+carb vn's <0.2 cm wi at 30 to 50 deg TCA; 1-2% diss py overall		
ML11-09	105.50	106.30	C1941	0.80	<.03	as above		
ML11-09	106.30	107.30	C1942	1.00	0.069	15% grey sheeted and white qtz+dol vn'ing 1-3% diss py in frac's and in mat		
ML11-09	107.30	108.30	C1944	1.00	0.069	as above		
ML11-09	108.30	109.70	C1945	1.40	<.03	2-3mm grey sheeted vn'ing + <5% white dol+qtz vnlets; 1-2% diss		
ML11-09	109.70	111.20	C1946	1.50	<.03	possible weak chl flt at 110.2 at 35 deg TCA; 5% grey sheeted and white qtz+dol vn'ing at 20 to deg TCA; 1-3% diss py		
ML11-09	111.20	112.50	C1947	1.30	0.069	weak hairline frac'ing <1% p		
ML11-09	112.50	114.00	C1948	1.50	<.03	as above		
ML11-09	116.40	117.00	C1949	0.60	<.03	unaltered QFP with red-orange carb on slips with 3-5% spec hem and minor c		
ML11-09	123.50	124.20	C1950	0.70	<.03	unaltered QFP at 123.9m flt at 35 deg TCA with ch		
ML11-09	125.50	126.30	C1951	0.80	<.03	mutliple frac'ing over 3cm wide at 125.5 to 125.8 with chl+3-7% py; 5% carb vn'i		
ML11-09	128.40	129.90	C1952	1.50	<.03	<1% diss py in matrix and in non-penetrative frac's; 1 grey sheeted vn 1 cm at 20 deg TC		
ML11-09	129.90	131.00	C1953	1.10	0.069	5% dk grey sheeted vn'ing <0.5cm wide + weak frac'ing with <1%		
ML11-09	131.00	132.00	C1954	1.00	<.03	5% qtz+dol vn'ing with weak frac'ing with 1% diss p		
ML11-09	132.00	133.50	C1955	1.50	<.03	3-5% diss fg py in matrix; <5% 2mm wide grey sheeted vn'ing and porcelain white carb+qtz vn'i with minor py		
ML11-09	133.50	135.00	C1956	1.50	<.03	as above		
ML11-09	135.00	136.50	C1957	1.50	0.069	as above		
ML11-09	136.50	138.00	C1959	1.50	0.069	as above		
ML11-09	138.00	139.20	C1960	1.20	<.03	3-5% fg diss py in 5% white carb+qtz vn'lets 1 to 3mm wide at variable angles; rare gret sheet vn'let		

Hole_ID	From	To	Sample_#	Length	Au ppm	Description	Au ppm_ck	Au ppm-ck2
ML11-09	139.20	140.70	C1961	1.50	<.03	weak brittle frac'ing; fg pheno's; 1-2% fg py in matri		
ML11-09	*140.70*	*141.50*	*C1962*	*0.80*	*0.069*	*140.8m start of strong fol'n fabric at 30 to 50 deg TCA; 140.8 to 141.15m 40% grey sheeted vn'ing + later qtz+dol vn'ing and 3-5% fg py in frac's; 2 frac's <1mm wide with py*		
ML11-09	141.50	143.00	C1963	1.50	<.03	5 grey sheeted vn's and qtz vn 35 to 65 deg TCA up to 1 cm wide with minor py in white dol fill frac's; overall 1-2%		
ML11-09	143.00	144.00	C1964	1.00	0.069	143.1 to 143.5m 5-7% anhedral py associated with dull white qtz+ank vn'ing at 55 to 65 deg TC 25% qtz vn'ing		
ML11-09	144.00	145.00	C1965	1.00	<.03	strong fabric fol'n at 30 to 50 deg TCA; 3-5% diss py associated with sil+qtz vn'ing at 144 to 144.0 and 144.7 to 144.85m		
ML11-09	145.00	145.90	C1966	0.90	0.069	strong brittle frac'ing with carb+dol+qtz+chl, <1% p		
ML11-09	*145.90*	*146.70*	*C1967*	*0.80*	*0.069*	*146.15 to 146.4m 3cm wide carb+calcite+dol vn at 55 deg TCA with py on margins and a hairline frac at 15 deg TCA with py, overall 5-7%; matrix orange -brown colour*		
ML11-09	146.70	148.00	C1969	1.30	<.03	mod frac'ing with spec hem + white-pink dol+qt		
ML11-09	148.00	149.00	C1970	1.00	<.03	1-3% fg spec hem in frac's with carb and in clots in matrix; 2 grey sheeted vn'le		
ML11-09	151.50	152.10	C1971	0.60	<.03	mod hairline frac'ing with spec hen		
ML11-09	152.10	152.60	C1972	0.50	<.03	152.32m a 1.5cm wide qtz+dol vn at 80 deg TCA with 35% py + barren white 20 deg TCA 3mm wi qtz vn'ing		
ML11-09	152.60	153.80	C1973	1.20	<.03	2 carb+calcite 3mm wide vn's at 40 and 15 deg TCA; <1% py; change in matrix colour from oran brown to light green ser+chl alt'n		
ML11-09	153.80	155.30	C1974	1.50	<.03	strong ductile shear section+ser+chl 25% white-grey qtz+dol vn'ing 90 to 45 deg TCA, 1% diss py		
ML11-09	155.30	156.80	C1975	1.50	<.03	weak frac'ing with py, overall 1% p		
ML11-09	156.80	157.60	C1976	0.80	<.03	157.2m an 8cm wide qtz vn at 55 deg TCA, tr py and at 157.7m a 5.5cm wide dk grey - pink grey at 30 deg TCA with chl hairline slips + tr py		
ML11-09	157.60	158.70	C1977	1.10	<.03	157.8 to 158.3m sil alt'n; tr p		
ML11-09	158.70	159.20	C1978	0.50	<.03	10-15 deg TCA frac'ing with adjacent dol vn'ing and 1% diss py in frac		
ML11-09	161.80	162.30	C1979	0.50	<.03	161.95m flt with a 3cm wide adjacent dol vn at 35 deg TC		
ML11-09	163.30	163.80	C1980	0.50	<.03	163.45m Flt at 40 deg TCA with carb+ chl 0.6cm wid		
ML11-09	165.00	165.70	C1981	0.70	<.03	165 to 165.3m 35% grey qtz vn'ing up to 3cm wide at 20 to 45 deg TCA; tr		
ML11-09	165.70	167.20	C1982	1.50	<.03	crackle type hairline frac'ing with dk'er qtz + tr p		
ML11-09	167.20	167.70	C1983	0.50	0.069	167.2 to 170.2m strong sil alt'n with hydrothermal bx; sections with up to 8-10% anhedral + diss py sil matrix (remob'd py?) + qtz+dol vn'ing as also crack & fill; overall 1-5% py		
ML11-09	167.70	168.30	C1984	0.60	0.480	as described in 167.2 to 167.7m		
ML11-09	168.30	169.30	C1985	1.00	<.03	as described in 167.2 to 167.7m		
ML11-09	169.30	170.20	C1986	0.90	0.069	as described in 167.2 to 167.7m		
ML11-09	170.20	171.20	C1987	1.00	<.03	one 2mm wide frac with py at 20 deg TCA; 1 grey sheeted qtz vn 0.25cm wide at 90 deg TC		
ML11-09	171.20	172.40	C1988	1.20	<.03	weak frac'ing tr py infill sample		
ML11-09	172.40	173.00	C1989	0.60	0.206	3 - 2 to 3mm frac's with p		
ML11-09	173.80	174.30	C1990	0.50	<.03	grey qtz + qtz+dol vn'ing up to 0.6 cm wide; 174.1 m Flt at 90 deg TCA with grey qtz + qtz+dol		
ML11-09	174.30	175.60	C1991	1.30	<.03	weak brittle frac'ing with qt		
ML11-09	175.60	176.70	C1992	1.10	<.03	3-5% py in frac'ing at 10 to 25 deg TCA + 5% porcelain coloured qtz+dol vn'ir		
ML11-09	177.50	178.00	C1993	0.50	<.03	177.6m Flt with grey vn at 65 deg TCA; <1% p		
ML11-09	181.60	183.00	C1994	1.40	<.03	2 - 0 to 5 deg TCA 0.5 to 1cm wide grey sheeted vn's & two qtz dol vn's at 90 deg TCA; tr		

Hole_ID	From	To	Sample_#	Length	Au ppm	Description	Au ppm_ck	Au ppm-ck2
ML11-09	183.00	184.50	C1996	1.50	<.03	183 to 183.5m 1.5 to 3 cm wide grey qtz and qtz+dol vn's and hydrothermal bx at 183.3 to 183.36m		
ML11-09	184.50	185.50	C1997	1.00	<.03	25% grey sheeted vn'ing; pale brown coloured matrix; tr		
ML11-09	185.50	186.50	C1998	1.00	<.03	weak frac'ing; negl vn'ing; at 186.5m irregular frac'ing near pink calcite vn with anhedral py; over <1%		
ML11-09	191.90	192.80	C2000	0.90	<.03	5% grey sheeted vn'ing and 10% qtz+dol vn'ing; tr		
ML11-09	194.50	195.00	C2001	0.50	<.03	194.8 to 194.9m flt bx healed with dol+qt		
ML11-09	201.90	202.50	C2002	0.60	<.03	201.9m 2mm wide grey qtz vn at 20 deg TCA; negl		
ML11-09	**202.50**	**203.10**	**C2003**	**0.60**	**5.280**	**202.67 to 202.69 m flt with dk qtz vn with 2% cpy+py at 85 deg TCA adjacent chl slips and qtz+dol vn'ing; overall <1% py and tr cpy; used 1/4 core sample in average**	**4.800**	**3.497**
ML11-09	203.10	203.70	C2004	0.60	<.03	5% grey vn'ing 2-3mm wide 20 to 45 deg TCA; negl		
ML11-09	204.90	206.00	C2005	1.10	<.03	1 cm wide grey sheeted vn at 90 deg TCA, other parallel grey vn at 80 deg TCA; 20 deg TCA calci +carb vn with py 4mm wide; overall <1% py		
ML11-09	208.90	209.80	C2006	0.90	<.03	5-10% grey-white pink qtz vn'ing at variable angles; 1-2% diss py in mat		
ML11-09	211.80	212.50	C2007	0.70	<.03	212.1m 1.25cn wide dk grey sheeted qtz vn at 15 deg TCA; 1% fg py on slips and in mat		
ML11-09	213.90	214.80	C2008	0.90	<.03	1% diss py in hairline frac at 0 deg TCA; 10% qtz vn'ing negl assoc.		
ML11-09	215.80	217.10	C2009	1.30	<.03	transition from green ser+chl coloured amtrix to orange brown matrix5% dk grey sheeted vn'ing up 2 cm wide; 1% py		
ML11-09	217.10	218.60	C2010	1.50	<.03	5% grey sheeted qtz vn'ing at 15 to 40 deg TCA up to 5mm wide; <1% spec hem; tr		
ML11-09	218.60	220.10	C2011	1.50	<.03	5% grey qtz vn'ing at 20 to 50 deg TCA; 20 deg TCA dol+calcite vn'ing at 219		
ML11-09	220.10	221.60	C2012	1.50	<.03	multiple 2 to 3mm wide dk qtz vn'ets at 75 to 90 deg TCA; <1%		
ML11-09	221.60	223.10	C2013	1.50	<.03	at 223m transition from orange brown matrix to green ser+chl coloured matrix; weak hairline frac's 0 to 10 deg TCA with spotty py; 5-10% dk grey and qtz+dol vn'ing		
ML11-09	223.10	224.60	C2014	1.50	<.03	10-15% sheeted dk grey and bull white-grey qtz vn'ing; <1% fg		
ML11-09	224.60	225.50	C2015	0.90	<.03	as above		
ML11-09	225.50	227.00	C2016	1.50	<.03	<5% qtz vn'ing		
ML11-09	227.00	228.00	C2017	1.00	<.03	227.25 to 227.4m 100% dk grey+ white grey qtz vn at 75 deg TCA with spec hem in late frac's+tr p 5% other qtz+dol vn's		
ML11-09	228.00	229.50	C2019	1.50	0.137	dozen white and grey qtz vn's at predom 45 to 55 deg TCA; 1-3% diss py in matrix and at margins vn's		
ML11-09	229.50	231.00	C2021	1.50	<.03	5-10% qtz vn'ing; 1% diss py in hairline frac'		
ML11-09	231.00	232.50	C2022	1.50	<.03	2 qtz vn's up to 1 cm wide at 20 deg TCA; 1 qtz+calcite vn+chl at 80 deg TCA 2cm wide; 5% 2-3m wide grey vn'lets; tr py		
ML11-09	232.50	234.00	C2023	1.50	<.03	233 to 234m 50% grey white-pink qtz vn'in		
ML11-09	234.00	235.50	C2024	1.50	<.03	0 deg TCA harline frac with chl+ fg py; chl vn at 234.6 with adjacent pink calcitevnlet at 65 deg TC one grey qtz vn at 65 deg TCA 2.cm wide		
ML11-09	235.50	236.70	C2025	1.20	<.03	<5% grey vn'in		
ML11-09	**236.70**	**237.70**	**C2026**	**1.00**	**0.823**	**236.8m 6cm wide dk grey + white qtz vn'ing with 5-7% py + minor cpy at 70 deg TCA; 237.1 to 237.7m 65% dk grey qtz+grey white qtz vn'ing with 3-5% py + minor cpy in localized shear at 80 deg TCA**		
ML11-09	237.70	238.30	C2027	0.60	<.03	237.7 to 238m shear at 80 deg TCA with possible Flt at 238m at 75-80 deg TCA with qtz+dol vn'in 1% py		
ML11-09	238.30	239.80	C2028	1.50	<.03	10% grey qtz vn'ing up to 0.5 cm wide; ornage brown matrix; <1% fg diss		
ML11-09	239.80	241.20	C2029	1.40	<.03	5-10% grey white vn'ing; 1% fg diss py in matri		
ML11-09	244.10	244.90	C2030	0.80	<.03	5% 2-5mm wide carb + dol vn'ing; 1% p		

Hole_ID	From	To	Sample_#	Length	Au ppm	Description	Au ppm_ck	Au ppm-ck2
ML11-09	248.90	249.80	C2032	0.90	<.03	248.95 and 249.4m two faults at 90 to 75 deg TCA respectively py at margins of adjace dol+qtz+caclite vn'ing		
ML11-09	254.30	255.70	C2033	1.40	0.069	5% carb+calcite vn/ing with assoc py ~ 2%; <5% dk grey qtz vn'ir		
ML11-09	255.70	257.00	C2034	1.30	<.03	0 deg TCA dk grey sheeted vn'ing + dol veining with 3-5% py up to 2 cm wi		
ML11-09	257.00	258.50	C2035	1.50	<.03	257.4 to 257.7m and 258.2 to 258.35m 85% dk grey vn with later frac at 15 deg TCA with dol+b 1% py in hairline frac's; strong frac'ing with grey vn'ing throughout		
ML11-09	258.50	260.00	C2036	1.50	<.03	259 to 265m strong angular bx healed with grey - pale white dol+qtz <1% diss py at margins dol+qtz healing in frac's late slip frac's with ser at 40 and 15 deg TCA		
ML11-09	260.00	261.50	C2037	1.50	<.03	see description 258.5 to 26(		
ML11-09	261.50	263.00	C2039	1.50	<.03	see description 258.5 to 26(		
ML11-09	**263.00**	**264.50**	**C2040**	**1.50**	**0.549**	see description 258.5 to 26(		
ML11-09	264.50	265.80	C2041	1.30	<.03	see description 258.5 to 26(		
ML11-09	265.80	267.00	C2042	1.20	<.03	10% grey qtz vn'ing + qtz+dol vn'ing; 1% py in matr		
ML11-09	267.00	268.00	C2043	1.00	<.03	267.4 to 267.7m 10 deg TCA frac+chl + adjacent grey-white qtz + calcite vn with spotty py along frac		
ML11-09	268.00	269.00	C2044	1.00	<.03	5% grey white vn'ing; 1% py in hairline frac'ing in matr		
ML11-09	**274.00**	**275.00**	**C2045**	**1.00**	**0.686**	**274.7 to 274.9m 95% grey and white qtz with chl frac's at 45 deg TCA tr py on frac'**		
ML11-09	282.80	283.50	C2046	0.70	<.03	282.8 to 283m qtz+calcite vn'ing + hairline frac's with py at 15 deg TC		
ML11-09	283.50	285.00	C2047	1.50	<.03	5% qtz+dol vn'ing up to 3 cm wide ser+chl alt'		
ML11-09	285.00	285.90	C2048	0.90	<.03	minor qtz vn'ing+ carb +calcite vn'let		
ML11-09	285.90	286.80	C2049	0.90	<.03	*285.9 to 286.2m orange coloured matrix frac'ing with ser + 3-5% diss py+ 5% white qtz vn'ing*		
ML11-09	286.80	288.00	C2051	1.20	<.03	minor frac'ing with qtz and calcite + carb with 3-5% spec hem+ a few slips with graphi		
ML11-09	289.50	290.70	C2052	1.20	0.069	multiple grey white qtz vn'ing with 1-2% diss py at margins with c		
ML11-09	295.10	296.10	C2053	1.00	0.274	3-5% fg py+ minor cpy along slips + 10% grey-white vn'in		
ML11-09	297.00	298.00	C2054	1.00	0.206	15% grey white vn'ing and calcite+carb vn'ing with spec hem + cp		
ML11-09	302.50	303.20	C2055	0.70	0.206	302.7 to 303m 15% white qtz vn'ing with chl margins but hairline frac'ing at 45 deg TCA with 3-5 fg diss py		
ML11-09	305.40	306.70	C2056	1.30	<.03	weak fabric fol'n with bx + later 25 deg TCA frac'		
ML11-09	306.70	308.20	C2057	1.50	<.03	307.1 to 307.6m 15-20% qtz+dol vn'ing in frac'd shear zone with 3-5% fg diss py 40 deg TCA with late 0 deg TCA slip with chl		
ML11-09	312.30	313.40	C2058	1.10	0.411	brittle frac'ing with 10-15% qtz+dol+minor carb vn'ing with 3-5% fg diss py in vn's + frac's; per ser+chl matrix		
ML11-09	**313.40**	**314.60**	**C2060**	**1.20**	**0.480**	**late grey-white-pink vn at 0 deg TCA; <1% py**		
ML11-09	314.60	315.90	C2061	1.30	<.03	10-20% grey-white-pink qtz+dol+minor carb vn'ing with occasional fg p		
ML11-09	321.00	321.60	C2062	0.60	<.03	5-10% qtz+dol vn'ing and 5% orange-pink calcite vn'ing; tr p		
ML11-09	328.90	330.20	C2063	1.30	<.03	10% grey-white qtz vn'ing and hairline frac's with carb; slips occasionally having cpy and		
ML11-09	335.00	336.00	C2064	1.00	<.03	occasional chl slips with fg and mg diss py		
ML11-09	336.00	337.00	C2065	1.00	0.137	336 to 338.1m matrix more sil alt'n with network carb frac'ing with 5-7% diss py throughout, 25% grey-white qtz vn'ing		
ML11-09	337.00	338.20	C2066	1.20	<.03	as above		
ML11-09	338.20	339.30	C2067	1.10	<.03	5% gre-white qtz vn'ing; <1% py		
ML11-09	339.30	340.00	C2068	0.70	<.03	broken core 3-5% fg to mg diss py in calcite+chl slip		
ML11-09	351.50	352.60	C2069	1.10	<.03	10% grey-white qtz vn'ing and calcite on slips with 1-2% py + cpy; bad blocky grou		
ML11-09	356.20	357.10	C2070	0.90	0.206	as above; at 357 .05m 4 cm grey-white qtz vn at 90 deg TC		
ML11-09	365.00	366.30	C2071	1.30	<.03	at 365.2 10 deg 0.25 cm pink carb vn with minor cpy; chl frac's with <1% diss p		

Hole_ID	From	To	Sample_#	Length	Au ppm	Description	Au ppm_ck	Au ppm-ck2
ML11-09	366.30	367.30	C2072	1.00	<.03	frac's with carb+ minor cpy+minor py+spec hen		
ML11-09	370.50	372.00	C2073	1.50	<.03	371.1 to 371.2m with 35% qtz+dol vn'ing tr py; mod fabric fol'n perv chl alt		
ML11-09	372.00	373.50	C2074	1.50	<.03	infill sample tr py		
ML11-09	373.50	375.00	C2075	1.50	<.03	flt-slip at 375.5m at 70 deg TCA with adjacent 3cm wide grey white qtz vn; perv ser+chl alt'n; tr py		
ML11-09	377.30	378.00	C2077	0.70	<.03	377.5 to 377.68m grey-white qtz vn with hairline frac'ing with later dol; overall 55% qtz vn'ing tr py		
ML11-09	382.50	384.00	C2078	1.50	<.03	10-15% qtz+dol+calcite vn'ing up to 0.20 cm wide predominantly 55 to 70 deg TCA; <1%		
ML11-09	384.00	385.50	C2080	1.50	<.03	10 cm section with 40% qtz +dol vn'ing at 70 deg TCA; strong fabric fol'n at 60-70 deg TC		
ML11-09	385.50	386.30	C2081	0.80	<.03	385.5 to 385.9m 40% grey-white qtz vn'ing at 65-75 deg TCA; tr p		
ML11-09	386.30	387.00	C2082	0.70	<.03	10-15% qtz+dol+calcite vn'ing up to 0.20 cm wide predominantly 40 to 60 deg TCA; <1%		
ML11-09	389.10	390.20	C2083	1.10	0.137	two 2mm wide frac's at 15 deg TCA with py; 10% qtz vn'in		
ML11-09	390.20	391.00	C2084	0.80	0.343	5-10% qtz + dol vn'ing; <1% p		
ML11-09	391.00	392.10	C2085	1.10	0.137	0 deg TCA grey to dk grey sheeted vn with spots of cpy+spec hem in hairline discontinuous frac' other grey & grey white qtz vn's at 20 to 50 deg TCA		
ML11-09	392.10	393.20	C2244	1.10	0.274			
ML11-09	393.20	394.20	C2086	1.00	<.03	infill sample tr py		
ML11-09	398.80	399.70	C2087	0.90	<.03	minor hairline frac's from 398.85 to 399.1m 1-3% py; 5% grey qtz vn'ir		
ML11-09	399.70	401.20	C2088	1.50	<.03	399.9 to 400m 3 cm wide grey-white-pink vn at 55 deg TCA with adjacent 5 cm wide grey qtz+chl; py		
ML11-09	401.20	402.20	C2089	1.00	<.03	calcite vn'et's and slips minor hem+ tr p		
ML11-09	403.90	404.50	C2090	0.60	<.03	weak frac'ing at 25 deg TCA with chl+qtz+minor carb; tr p		
ML11-09	406.40	407.90	C2091	1.50	<.03	qtz+dol+minor carb vnlets up to 3mm wide at 5 to 20 deg TCA with strong hydrothermal bx; tr py spec hem; one 8 cm wide white qtz vn		
ML11-09	407.90	409.40	C2092	1.50	<.03	as above		
ML11-09	409.40	410.90	C2093	1.50	<.03	as above		
ML11-09	410.90	412.20	C2094	1.30	<.03	as above		
ML11-09	412.20	413.70	C2095	1.50	<.03	as above		
ML11-09	414.80	416.00	C2096	1.20	<.03	10% qtz and qtz-carb vn'ing variable angles; 1-2% diss py in matrix & along frac		
ML11-09	416.00	417.00	C2097	1.00	<.03	15-20% pink-white carb vn'ing at 5 to 20 deg TCA and 5% irregular qtz+dol vn'ing; frac's with 1-2 fg py		
ML11-09	417.00	418.30	C2098	1.30	<.03	as above		
ML11-09	440.10	440.90	C2099	0.80	<.03	440.3 to 440.5m weak frac-slips at 65 deg TCA with 10-15% irregular qtz+dol+pink carb; 1% diss py		
ML11-09	442.00	442.80	C2100	0.80	<.03	multiple frac-slips with adjacent qtz+dol+crb at 45 to 90 deg TC		
ML11-09	442.80	443.80	C2101	1.00	<.03	as above; Flt at 443.4m at 25 deg TCA with cl		
ML11-09	473.20	474.00	C2102	0.80	<.03	473.26m 1.2cm wide pink-orange calvite vn'ing at 40 deg TCA with minor py+c		
ML11-09	474.00	474.90	C2104	0.90	<.03	20% pink-orange calcite vn'ing at 0 and 40 deg TCA with fine grain py along chl slips adj to vn's a splash of cpy; overall 3-5% fg py		
ML11-09	474.90	475.60	C2106	0.70	<.03	weak calcite+carb vn'ing; 1% p		
ML11-09	475.60	476.80	C2107	1.20	<.03	brittle hairline slips at 50 to 60 deg TCA at flank of shear with faint carb+calcite in slips +chl, multiple grey-white qtz vn's at 45 to 60 deg TCA up to 3cm wide; 1-2% py in matrix and along slips		
ML11-09	476.80	478.00	C2108	1.20	<.03	shear + flt at 477.6 to 477.8 at 45 to 50 deg TCA with 50% qtz+dol calcite vn'ing + tr		
ML11-09	478.00	479.20	C2109	1.20	<.03	5% qtz+dol and qtz vn'ing in three to four vn's; <1% py in matr		

Hole_ID	From	To	Sample_#	Length	Au ppm	Description	Au ppm_ck	Au ppm-ck2
ML11-09	479.20	480.20	C2110	1.00	<.03	one grey-white qtz vn at 1.2 cm wide irregular in ser+chl matrix; <1% py in matrix; 480.1m weak slip at 80 deg TCA grey white qtz vn'ing+ser+chl		
ML11-09	480.20	481.20	C2111	1.00	0.137	30 deg TCA 2 cm wide grey qtz vn and qtz+dol cream coloured vn'let; perv ser+chl alt'n; minor sp hem in some qtz vn's; tr py		
ML11-09	481.20	482.20	C2112	1.00	<.03	perv ser+chl matrix; <5% grey qtz vn'ing and qtz+dol vn'ir		
ML11-09	482.20	483.20	C2113	1.00	0.069	482.7 to 482.95m 10 deg TCA 5mm wide qtz+dol+grey qtz vn along a slip with 10-15% anhedral py		
ML11-09	485.50	486.10	C2114	0.60	<.03	485.8 to 485.9m grey qtz vn; tr py; multiple slips at 75 to 80 deg TCA with qtz+dol+c		
ML11-09	488.70	489.40	C2115	0.70	<.03	489.1 to 489.3m slip at 30 deg TCA woth calcite v'in		
ML11-09	496.70	497.60	C2116	0.90	0.069	orange-brown sugary carb along slips with fg py and spec hem; overall 1-3%		
ML11-09	497.60	499.00	C2117	1.40	<.03	as above; at 498.05 m chl+caclite vn 2mm wide with cpy at 20 deg TC		
ML11-09	499.00	500.20	C2118	1.20	<.03	0 deg TCA slips with 1-3% diss py; at 499.4m 7cm wide bull qtz+calcite+chl vn at 35 deg TCA 499.85 to 500m flt-shear with qtz+dol+calcite+chl+cpy+minor py at 45 deg TCA		
ML11-09	500.20	501.10	C2119	0.90	<.03	500.8m chl slips at 85 deg TCA with calcite vn'ing 2.2 cm wide; 1-2% diss py in chl slips; minor cp in calcite vn'lets		
ML11-09	501.10	502.00	C2120	0.90	0.343	5% orange-brown carb with tr py; slips wit ch		
ML11-09	**516.00**	**517.10**	**C2121**	**1.10**	**0.480**	**network slips-frac's at 40 to 45 deg TCA with chl+minor carb tr py and 516.4 to 516.6m grey qtz vn and qtz dol vn at 10 to 20 deg TCA**		
ML11-09	517.10	518.20	C2122	1.10	0.343	<5% vn'ing; tr py; 1 cm wide qtz+dol vn at 517.95 at 65 deg TCA with chl on margins; at 518.1m 2 deg TCA 1 cm wide carb+qtz vn with hydrothermal bx		
ML11-09	518.20	519.20	C2123	1.00	<.03	10% grey-white- white pnk qtz vn'ing showing folding in shear 0.2 to 1 cm wide; tr py and cpy margins of vn's		
ML11-09	559.60	560.50	C2124	0.90	<.03	slips with adjacent qtz vn's up to 3 cm wide at 559.7, 560.3m at 70 deg TCA and 55 deg TCA; tr py		
ML11-09	560.50	561.20	C2126	0.70	<.03	slip at 560.8m at 60 deg TCA with chl+adjacent 0.25 cm wide qtz vn with tr py on margi		
ML11-09	563.00	563.50	C2127	0.50	<.03	hairline frac's with qtz+do		
ML11-09	563.50	564.40	C2128	0.90	<.03	563.7 to 564.4m Flt-slip at 10 deg TCA with chl + adjacent qtz+dol+carb vn 3 cm wide tr p		
ML11-09	564.40	565.70	C2129	1.30	<.03	15-20% qtz+dol vn'ing white-pink at predom 0 to 35 deg TCA; negl p		
ML11-09	565.70	567.00	C2130	1.30	<.03	10-15% qtz+dol+carb adjacent to slips at 25 to 35 deg TCA; vn at 566.2m 2.5 cm wide with fg p along margins; overall py 1%		
ML11-09	567.00	568.50	C2132	1.50	<.03	15% qtz+dol vn'lets along slips-frac's at 25 to 40 deg TCA ; negl p		
ML11-09	568.50	570.00	C2133	1.50	<.03	as above		
ML11-09	570.00	571.50	C2134	1.50	<.03	570.75 to 570.95m multiple slips at 75 to 85 deg TCA with grey qtz + minor dol vn'ing with tr fg py qtz		
ML11-09	571.50	572.10	C2135	0.60	<.03	5% qtz vn'ing negl py		
ML11-09	574.80	575.50	C2136	0.70	<.03	5% qtz vn'ing negl py		
ML11-09	575.50	576.50	C2137	1.00	<.03	0.25 cm wide grey qtz vn 0 deg TCA; 576 to 576.5m 25% qtz+dol vn'ing; 576.1m Flt at 65 deg TCA tr py along slips		
ML11-09	576.50	577.20	C2138	0.70	<.03			
ML11-09	580.40	581.30	C2139	0.90	<.03	at 580.55m to 581m multiple slip with 2mm wide qtz+dol vn'ing at 55 deg TCA with hyrdothermal l in vn at 580.95 to 580.98m		
ML11-09	601.30	601.80	C2140	0.50	<.03	2mm wide dk grey qtz vn with fg cpy+py at 45 deg TC		
ML11-09	602.90	604.00	C2141	1.10	<.03	10-15% multiple qtz+dol vn'ing at 40 to 90 deg TCA; tr p		
ML11-09	604.00	605.00	C2142	1.00	<.03	strong flt at 604.1 to 604.3m 8 cm wide qtz+dol vn adj to flt at 30 to 50 deg TCA, tr py; 604.7 t 604.9m 50% grey qtz vn'ing at 15 deg TCA, negl py		

Hole_ID	From	To	Sample_#	Length	Au ppm	Description	Au ppm_ck	Au ppm-ck2
ML11-09	609.10	610.00	C2143	0.90	<.03	10-15% qtz+dol vn'ing at 20 to 45 deg TCA; negl py in matr		
ML11-09	610.00	610.70	C2145	0.70	<.03	flank sample to upcoming fl		
ML11-09	610.70	611.50	C2146	0.80	<.03	610.7 to 614.1m Flt-slip along core axis with pink-white calcite with 3-5% fg py and <0.5% cpy ar qtz-dol vn'ing + chl, vn'ing up to 2.5cm wide		
ML11-09	**611.50**	**612.20**	**C2147**	**0.70**	**0.89**	**as above**		
ML11-09	612.20	613.00	C2149	0.80	<.03	as above		
ML11-09	613.00	614.00	C2150	1.00	<.03	as above but vn is pinch-swell up to 4mm wide with less calcite and 1-3% diss		
ML11-09	614.00	614.50	C2151	0.50	<.03	5-10% qtz+dol vn'inç		
ML11-09	614.50	616.00	C2152	1.50	<.03	as above		
ML11-09	616.00	616.90	C2153	0.90	<.03	as above		
ML11-09	616.90	618.00	C2154	1.10	<.03	616.9 to 617.8m Flt-slip along core axis with pink-white calcite with 3-5% fg py and <0.5% cpy ar qtz-dol vn'ing + chl, vn'ing up to 1.5cm wide		
ML11-09	618.00	618.90	C2155	0.90	<.03	strong network frac'ing with chl+qtz+dol; overall 1-2% p		
ML11-09	618.90	619.50	C2156	0.60	<.03	5% qtz vn'inç		
ML11-09	638.70	639.30	C2157	0.60	<.03	1.5cm wide qtz+caclite pink vn at 0 deg TCA with splash of cp		
ML11-09	647.10	648.00	C2158	0.90	<.03	orange brown carb vn'ing at predom 0-20 deg TCA with spec hem + cp		
ML11-09	649.60	651.20	C2159	1.60	<.03	mod to strong frac'ing non-penetrative - penetrative with chl + calcite+ qtz+ 1-3% fg diss py; wk pe sil alt'n in matrix		
ML11-09	651.20	651.80	C2160	0.60	0.14	strong network frac'ing with chl+qtz+dol +py; overall 1-2% py; orange browm sil mat		
ML11-09	651.80	652.80	C2161	1.00	0.21	red oxy'd hem alt'n + strong frac'ing with chl+py; flt at 652m at probably 0 deg TCA - broken co over 30 cm with fg py, 3-5% fg py in chl+ calcite vn'ing		
ML11-09	652.80	653.70	C2162	0.90	<.03	mod frac'ing with chl + 1% py		
ML11-09	653.70	654.40	C2163	0.70	<.03	negl py; wk frac'inç		
ML11-10	3.00	4.10	C1828	1.10	<.03	3-5% diss fg py in discontinuous dol frac's		
ML11-10	4.10	4.90	C1829	0.80	<.03	0.5cm vn with 80% py at Crystal Tuff-Tuff contac		
ML11-10	4.90	5.70	C1830	0.80	<.03	tr py in hairline frac		
ML11-10	5.70	6.60	C1831	0.90	<.03	irregular higher angle discordat frac's to bedding with 3-5% p		
ML11-10	6.60	8.00	C1832	1.40	<.03	1-2% diss py in discontinuous frac's		
ML11-10	8.00	9.50	C1833	1.50	<.03	<1% py		
ML11-10	9.50	10.50	C1834	1.00	<.03	as above		
ML11-10	10.50	11.20	C1835	0.70	<.03	3- <0.25 dol+qtz vn's with 75% py at 80 to 90 deg TC		
ML11-10	11.20	12.00	C1837	0.80	<.03	frac's at variable angles with tr p		
ML11-10	12.00	13.50	C1839	1.50	<.03	tr py		
ML11-10	18.40	19.30	C1840	0.90	<.03	18.5 to 18.8m Flt with gouge at 10 deg TC		
ML11-10	21.10	21.80	C1841	0.70	<.03	0.25 cm dol vn with Flt at 40 deg TC		
ML11-10	26.50	27.20	C1842	0.70	<.03	flt at 26.6 to 27.2m gouge + chl+se		
ML11-10	27.90	28.40	C1843	0.50	<.03	flt+dol+chl at 28.15 m at 55 deg TCA; negl p		
ML11-10	31.50	33.00	C1844	1.50	<.03	strong frac'in with chl+ser+1% fg py		
ML11-10	42.40	43.30	C1845	0.90	<.03	42.45 to 42.8m 5 deg TCA frac-vn with 5% very fg py prior to shear zor		
ML11-10	43.30	44.40	C1846	1.10	<.03	start of shear zone 43 to 46.5m strong shear zone includes Tuff-Conglomerate contact ductile with brittle late frac's, strong ser+chl alt'n and 35 to 40% qtz+dol veining + frag's of veins + 1% very fg py		
ML11-10	44.40	45.40	C1847	1.00	<.03	see description in 43.3 to 44.4m		
ML11-10	45.40	46.40	C1848	1.00	<.03	see description in 43.3 to 44.4m		
ML11-10	46.40	47.30	C1849	0.90	<.03	Flt , 20 cm lost core; dk black qtz in 1mm frac's over 5 cm wide, tr p		

Hole_ID	From	To	Sample_#	Length	Au ppm	Description	Au ppm_ck	Au ppm-ck2
ML11-10	47.30	48.00	C1850	0.70	<.03	qtz+dol vnlets35 to 45 deg TCA; 1% py in matri		
ML11-10	48.00	48.90	C1851	0.90	<.03	tr py, highly frac'd sectior		
ML11-10	48.90	49.90	C1852	1.00	<.03	49.4 to 49.6 Flt with chl ay 10 deg TCA; tr p		
ML11-10	49.90	51.00	C1853	1.10	<.03	3-5% diss py in Crystal Tuff matrix - maybe primary p		
ML11-10	51.00	51.80	C1854	0.80	<.03	as above		
ML11-10	51.80	52.50	C1855	0.70	<.03	Flt from 51.9 to 52.1m gouge +chl+dol vn'ing; Flt at 45 to 55 deg TC		
ML11-10	52.50	53.50	C1857	1.00	<.03	some frac's with dol + back qtz; tr py; Flt from 52.8 to 53.3r		
ML11-10	53.50	54.50	C1858	1.00	<.03	53.5m narrow Flt gouge; after 53.6m 0-5 deg TCA dol+qtz braided vn'ir		
ML11-10	54.50	55.50	C1860	1.00	<.03	54.7m 0.25cm qtz+ chl at 30 deg		
ML11-10	55.50	56.30	C1861	0.80	<.03	10% qtz+dol & qtz vn's + frac's with dk chl+qtz; tr p		
ML11-10	68.20	69.00	C1862	0.80	<.03	two- qtz dol+chl+ser vn 1 to 1.5cm wide at 30 and 0 deg TCA; tr p		
ML11-10	69.00	69.70	C1863	0.70	<.03	at 69 .5m 1.5 cm wide qtz+minor dol at 20 deg TCA with 1% cpy and minor spec he		
ML11-10	70.80	71.50	C1864	0.70	<.03	2.5 cm wide dol+chl vn at 60 deg TCA and 3mm wide qtz+dol vn at 20 deg TCA; negl minealization		
ML11-10	71.50	72.90	C1865	1.40	<.03	4 qtz+dol vn's 1mm up to 1.5cm wide at 10 to 40 deg TCA; negl py + minor cpy spla		
ML11-10	77.10	78.00	C1866	0.90	<.03	at 77.1m 1 cm vn at 20 deg TCA and 60 deg TCA vn at 78r		
ML11-10	79.50	80.10	C1867	0.60	<.03	4 parallel qtz+dol vn's 3mm to 5 mm wide at 20 to 35 deg TCA with a splash of cpy in one		
ML11-10	90.10	90.90	C1868	0.80	<.03	at 90.5m flt with dol+qtz+chl at 40 deg TCA + multiple qtz+dol vn's at 55 to 85 deg TCA; 1% diss p in matrix		
ML11-10	92.20	92.70	C1869	0.50	<.03	92.5m flt at 35 deg TCA with chl+dol vr		
ML11-10	94.70	95.60	C1870	0.90	<.03	95.4m Flt at 55 deg TCA with chl+2cm wide qtz+dol vn; 10 cm wide section adjacent to flt frac's wi 3-5% diss anhedral py in qtz+dol+chl vn'lets45 to 90 deg TCA		
ML11-10	95.60	97.00	C1871	1.40	<.03	96.56 to 96.61m qtz+dol vn'ing with 1-3% fg diss py in matrix adjacent to vr		
ML11-10	97.00	97.60	C1872	0.60	<.03	97.32 to 97.41m 4cm wide multi frac's with 5-8% py in qtz+dol+chl at 65 to 70 deg TC		
ML11-10	97.60	98.90	C1873	1.30	<.03	minor qtz+dol vn'inc		
ML11-10	100.30	101.00	C1874	0.70	<.03	shear zone 100.3 to 100.6m shear at 15 to 20 deg TCA with 1.5cm wide qtz+dol vn and ser+cl multi qtz+dol vn's; 1-2% diss py in matrix		
ML11-10	101.00	102.10	C1876	1.10	<.03	multi qtz+dol vnlets 2 to 3mm wide at 20 to 40 deg TCA; 3-5% diss py; at 102m flt-slip at 40 de TCA with 1-2% diss py		
ML11-10	102.10	102.90	C1878	0.80	<.03	at 102.5 and 102.6m 5 to 7mm wide qtz vn with 85% fg diss py at 85 deg TC		
ML11-10	102.90	104.40	C1879	1.50	<.03	multi qtz vn's from 102.7 to 104.4m 45 deg TC/		
ML11-10	107.80	108.90	C1880	1.10	<.03	Flt at 107.9m 2cm wide slips with 3-5% fg py + 2mm wide qtz+carb+chl vn'le		
ML11-10	123.40	123.90	C1881	0.50	<.03	123.67m flt at 50 deg TCA dol+chl; 1-2% diss py in matri		
ML11-10	127.50	128.50	C1882	1.00	<.03	127.67m flt with qtz+frac's at 90 deg TCA; 1-3& diss py in matrix; <5% qtz+dol vn'le		
ML11-10	128.50	129.60	C1883	1.10	<.03	5-10% white qtz vnlets at predom 0 deg TCA; 1-2% diss p		
ML11-10	129.60	130.30	C1884	0.70	<.03	shear 129.65 to 130.1 at 45 to 50 deg TCA with flt bx at 130.1 at 50 deg TCA and adjacent vn 1.5c wide; 1-2% diss py in matrix		
ML11-10	136.50	137.40	C1885	0.90	<.03	two 0.25 cm wide frac's-vn's with 75% brassy coloured anhedral py at 20 deg TCA; at 137.15m flt 90 deg TCA cuts off py frac		
ML11-10	137.40	138.10	C1886	0.70	<.03	10% qtz+dol vn'ing; 1-2% py in matri		
ML11-10	139.00	140.00	C1887	1.00	<.03	139.65 to 139.8m qtz +dol+chl vn at 30 deg TCA; 1% diss py in matr		
ML11-10	143.30	144.60	C1889	1.30	<.03	3-7% very fine py in 0 to 20 deg TCA wispy frac'		
ML11-10	151.90	153.00	C1891	1.10	<.03	158 to 158.4m shear zone 10-15% qtz+dol vn'ing 30 to 40 deg TCA+ chl + 152.95 carb vn at 80 de TCA + chl; 1-2% py in minor frac's' 1% py in matrix		
ML11-10	154.60	155.50	C1892	0.90	<.03	sample prior to shear; infreq brittle frac's with qtz; 1-2% p		

Hole_ID	From	To	Sample_#	Length	Au ppm	Description	Au ppm_ck	Au ppm-ck2
ML11-10	155.50	156.30	C1893	0.80	0.343	weak to mod fabric fol'n at 60 deg TCA; 25-30% dol+qtz vn'ing up to 4cm wide; very fg py in vn's diss in matrix; ser alt'n in shear		
ML11-10	blank		C1894		<.03			
ML11-10	156.30	157.60	C1895	1.30	0.206	fg grained matrix in conlomerate; weak ser alt'n; 1-2% diss py in mat		
ML11-10	**157.60**	**158.50**	**C1896**	**0.90**	**2.469**	**3-5% fg diss py in matrix; 157.8 to 158.06m 60% dol+qtz vn'ing 1-5% fg py in frac's at 55 to 6 deg TCA**	**2.400**	**2.537**
ML11-10	158.50	160.00	C1897	1.50	0.137	1-3% py adjacent to pebbles+cobble		
ML11-10	160.00	161.00	C1898	1.00	0.274	160.5 to 160.8m weak frac'ing at 55 to 65 deg TCA with minor qtz+dol vn'ing; 1-3% diss		
ML11-10	161.00	162.00	C1899	1.00	<.03	1-3% diss py in matrix, weak to mod fabric fol'		
ML11-10	162.00	163.00	C1900	1.00	<.03	strong fabric fol'n at 20 to 40 deg TCA; fuchsitic alt'n of some clasts or of matrix; 1-2% diss p appears to be remobilized in cracks and voids		
ML11-10	163.00	164.00	C1901	1.00	<.03	as above		
ML11-10	164.00	165.00	C1902	1.00	<.03	weak fol'n fabric; 1-5% fg py in matrix; 2mm-3mm wide sub parallel qtz+dol vnle		
ML11-10	165.00	166.10	C1903	1.10	<.03	as above		
ML11-10	169.60	170.30	C1904	0.70	<.03	5% 2-3mm wide qtz+dol vnlet's at 80-85 deg TC		
ML11-10	171.00	171.70	C1905	0.70	<.03	10% 2-3mm wide qtz+dol vnlet's at 55 to 60 deg TCA discordant with weak fabric fo		
ML11-10	173.30	174.00	C1906	0.70	<.03	173.53m 0.2cm wide white qtz with adjacent frac'ing with py; overall 1-2% py in mat		
ML11-10	174.00	175.30	C1907	1.30	<.03	two irregular qtz+dol vn's; 1-3% diss py in matri		
ML11-11	2.70	4.00	C2164	1.30	<.03	two 1mm py frac's at 75 to 85 deg TCA and one disjointed py frac; overall <1% py		
ML11-11	4.30	5.40	C2165	1.10	<.03	4 to 4.3m lost core; 1% fg py in rare frac		
ML11-11	5.40	6.10	C2166	0.70	<.03	3-5% fg diss py in 5 to 20 deg TCA discontinuous frac's 1 to 2mm wide discordant and almos conjugate to 35 deg TCA qtz dol vn'ing		
ML11-11	6.10	7.20	C2167	1.10	<.03	as above		
ML11-11	7.20	8.20	C2169	1.00	<.03	sample on flank of zone above; tr py		
ML11-11	14.80	15.50	C2171	0.70	<.03	tr py		
ML11-11	**15.50**	**16.10**	**C2172**	**0.60**	**1.17**	**two roughly suparallel qtz-carb and chl vn at 55 and 40 deg TCA with 3-5% py up to 1.5 cm wide**		
ML11-11	16.10	16.70	C2173	0.60	<.03	negl py		
ML11-11	20.30	21.60	C2174	1.30	<.03	at 20.3 5cm wide hydrothermal bx with qtz+dol at40 deg TCA no py; 0 deg TCA slip with chl + d +py; overall 1%		
ML11-11	23.50	24.10	C2175	0.60	<.03	sample before Tuff-Syenite contact		
ML11-11	24.10	25.10	C2176	1.00	<.03	Tuff - syenite contact at 24.2m sil+red oxy'd hem matrix with 20% qtz+dol vn'ing at 30 deg TCA fro 24.2 to 24.4m; 1-2% py in discontinuous frac's		
ML11-11	25.10	26.00	C2177	0.90	<.03	1-3% diss py in frac's + qtz+dol vn's		
ML11-11	26.00	27.00	C2178	1.00	<.03	1-3% diss py in matrix and in chl frac's at 20 and 40 deg TCA		
ML11-11	27.00	28.00	C2179	1.00	<.03	hairline frac' discontinuous sinewy with chl+qtz+dol+tr py		
ML11-11	28.00	29.50	C2180	1.50	<.03	as above		
ML11-11	29.50	30.50	C2181	1.00	<.03	15% qtz+dol vn'ing 35 to 55 deg TCA; tr py		
ML11-11	30.50	31.50	C2182	1.00	<.03	Syn-Cngl contact at 30.54; 3-5% py in matrix and in <1mm frac's at variable angles		
ML11-11	31.50	33.00	C2183	1.50	<.03	3-5% fg diss py along slips and in hairline frac's and diss in matrix		
ML11-11	33.00	33.70	C2184	0.70	<.03	as above; 33.1 to 33.6m 15-20% qtz dol vn'ing at 55 to 90 deg TCA		
ML11-11	33.70	34.70	C2185	1.00	<.03	sample in Tuff, negl py		
ML11-11	39.60	40.20	C2186	0.60	<.03	1 cm wide flt with qtz+dol+chl at 90 deg TCA		

Hole_ID	From	To	Sample_#	Length	Au ppm	Description	Au ppm_ck	Au ppm-ck2
ML11-11	40.20	41.20	C2187	1.00	<.03	three sections of 4mm wide carb vn's with 3-5% py + chl at 50 deg TCA		
ML11-11	41.20	42.10	C2188	0.90	<.03	1-2% py start of flt-shear at 41.85 with gouge; 15% qtz+dol vn'ing		
ML11-11	42.10	43.20	C2190	1.10	<.03	5-7% py in small random clots and in frac's; 15% white qtz-dol vn'ing		
ML11-11	43.20	44.50	C2191	1.30	<.03	1-2% py; reddish matrix; Flt bx at 43.5m at 65 deg TCA		
ML11-11	44.50	46.00	C2193	1.50	<.03	1% diss py in matrix + hairline frac's		
ML11-11	46.00	47.50	C2194	1.50	<.03	strong localized shear + slip ar 46.5m at 20 deg TCA; 1-3% diss py in irregular frac's		
ML11-11	51.70	53.00	C2195	1.30	<.03	flt bx at 52m at 50 deg TCA; weak frac'ing with 1% diss py		
ML11-11	53.00	54.50	C2196	1.50	<.03	5-10% 2-4mm wide qtz+dol+chl vn'ing; irregular slips at 15 to 25 deg TCA		
ML11-11	56.10	57.60	C2197	1.50	<.03	56.1 to 61.9m shear wth ser+chl alt'n at 45 to 10 deg TCA 5 to 50% qtz+dol vn'ing at varibale angle tr to 1% py		
ML11-11	57.60	59.10	C2198	1.50	<.03	as with description in 56.1 to 57.6m		
ML11-11	59.10	60.50	C2199	1.40	<.03	as with description in 56.1 to 57.6m		
ML11-11	60.50	61.50	C2200	1.00	<.03	as with description in 56.1 to 57.6m; 60.5 to 60.8m flt bx at 5 deg TCA		
ML11-11	61.50	62.50	C2201	1.00	<.03	30-40% qtz+dol vn'ing		
ML11-11	65.30	66.40	C2202	1.10	<.03	flt bx broken core rubble+ chl+gouge+15% pink calcite+20% qtz+dol; occasional slips with py; over 1-2% py		
ML11-11	66.40	67.90	C2203	1.50	0.14	as above; strong gouge + broken core; 30% RQD		
ML11-11	67.90	69.50	C2204	1.60	<.03	as above; strong gouge + broken core; 30% RQD		
ML11-11	69.50	72.00	C2205	2.50	<.03	as above; EOH as drill could not proceed, rods binding		
ML11-11A	1.90	3.10	C2206	1.20	<.03	1-3mm wide frac's at 15 to 30 deg TCA with chl+qtz; slip from 2.8 to 3.1m 5 deg TCA wit chl+qtz+dol		
ML11-11A	3.10	4.30	C2207	1.20	<.03	3.75 to 3.9m 0.5cm wide qtz+dol at 10 deg TCA along a slip		
ML11-11A	4.30	5.20	C2208	0.90	<.03	5% late qtz+dol vn'ets; flank sample to shear zone		
ML11-11A	*5.20*	*5.90*	*C2210*	*0.70*	<.03	*strong shear zone from 5.5 to 5.8m at 30 to 40 deg TCA with 30% qtz+dol+ank+ser+chl+5-7% fg py*		
ML11-11A	5.90	6.20	C2212	0.30	<.03	on flank of shear zone		
ML11-11A	7.20	7.70	C2213	0.50	<.03	weak shear with chl; tr py at 30 deg TCA		
ML11-11A	14.40	15.00	C2214	0.60	<.03			
ML11-11A	**15.00**	**15.70**	**C2215**	**0.70**	**1.886**	**two flts at 15.1 and 15.5m at 65 and 55 deg TCA + adjacent hydrothermal bx + qtz+dol vn'ing with 3-5% py overall in vn'ing**	**1.851**	**1.920**
ML11-11A	15.70	16.70	C2216	1.00	<.03	sample on flank to flt zone		
ML11-11A	19.70	20.80	C2217	1.10	<.03	10% qtz-dol vn;ing 1-5mm wide at 20 to 65 deg TCA; negl py		
ML11-11A	20.80	21.90	C2230	1.10	<.03	as above but 1-3% diss py in matrix; minor spec hem in qtz-dol vnlets		
ML11-11A	21.90	22.60	C2218	0.70	<.03	two flt slips at 22m and 22.3m with qtz & qtz-dol up to 2 cm wide at 70 & 50 deg TCA, 1-3% diss p in vn's		
ML11-11A	22.60	24.00	C2219	1.40	<.03	one or two bone coloured qtz-dol vn's irregular with 1% diss py		
ML11-11A	24.00	24.50	C2220	0.50	<.03	24.27 3 cm wide qtz+hydrothermal bx adjacent flt slips at 85 deg TCA with 2-3% diss py; other q dol vn'ing with negl py		
ML11-11A	*24.50*	*25.30*	*C2221*	*0.80*	*<.03*	*three 0.5 to 1cm wide 80% py vn's in bone white qtz-dol vn's at 20 to 40 deg TCA, disjointed & offset by slips at 35 to 45 deg TCA; 15% qtz-dol vn'ing without py*		

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ML11-11A	25.30	26.80	C2223	1.50	<.03	25.5 to 25.6 m with 35% qtz-dol vn'ing+ser+chl and slips at 35 deg TCA; 1-2% py; at 26 to 26.1 sli with qtz-dol vn 2mm wide with py at 15 deg TCA		
ML11-11A	26.80	28.30	C2224	1.50	<.03	weak qtz-dol vn'ing <5%; 3-5% fg py in matrix in patchy 3cm to 5cm sections		
ML11-11A	28.30	29.30	C2225	1.00	<.03	discontinuous frac's with 3-5% py in sil orange brown matrix; <5% qtz-dol vnlets		
ML11-11A	29.30	30.40	C2226	1.10	<.03	29.64m flt at 40 deg TCA with bx, sil halo + adjacent 4 cm qtz-dol vn; tr py		
ML11-11A	*30.40*	*31.70*	*C2227*	*1.30*	*<.03*	*1-3% diss py in matrix and in frac's; rare qtz-dol vn'ing*		
ML11-11A	*31.70*	*32.60*	*C2228*	*0.90*	*<.03*	*31.8 to 32.51m strong frac'd section in conglomerate up to syenite contact with 5-8% diss py in qtz+chl frac's at variable angles, 5-10% qtz-dol vn'ing*		
ML11-11A	32.60	33.30	C2229	0.70	<.03	syenite tr py wk qtz-dol vn'ing		
ML11-11A	34.80	35.60	C2231	0.80	<.03	3-5% diss py at contact with Syenite - Lapilli Tuff		
ML11-11A	39.00	40.50	C2233	1.50	<.03	tr py; three qtz vn's at 20 deg TCA 3mm wide		
ML11-11A	40.50	41.00	C2234	0.50	<.03	5-7% py in clots and discontinuous frac's; slip at 40.65m at 50 deg TCA with 1 cm wide qtz+ minc py		
ML11-11A	41.00	41.80	C2235	0.80	<.03	40.9 to 48m weak to mod localized shears with perv chl+ser alt'n + sections with up to 7% diss py frac's + bx qtz-dol vn'ing; in the sample <1% py		
ML11-11A	41.80	42.70	C2236	0.90	<.03	as described in 41 to 41.8m; 41.9 to 42.2m 5-7% py in frac's at 50 to 55 deg TCA with 15% qtz-d vn'ing		
ML11-11A	42.70	43.70	C2237	1.00	<.03	as described in 41 to 41.8m; 2-5% py in frac's with 15% qtz-dol vn'ing		
ML11-11A	43.70	44.70	C2238	1.00	<.03	as described in 41 to 41.8m; 2-5% py in frac's with 15% qtz-dol vn'ing		
ML11-11A	44.70	45.50	C2239	0.80	<.03	as described in 41 to 41.8m; 2-5% py in irregular frac's with 35% qtz-dol vn'ing		
ML11-11A	45.50	46.70	C2240	1.20	<.03	as described in 41 to 41.8m; tr py in irregular frac's with <5% qtz-dol vn'ing		
ML11-11A	46.70	47.40	C2241	0.70	<.03	as described in 41 to 41.8m; 1% py in irregular frac's with 5% qtz-dol vn'ing		
ML11-11A	47.40	48.00	C2242	0.60	<.03	as described in 41 to 41.8m; 1-2%py in irregular frac's with 15% qtz-dol vn'ing		
ML11-11A	48.00	48.50	C2243	0.50	<.03	tr py		
ML11-11A	50.20	50.80	C2245	0.60	<.03	15-20% qtz-dol vn'ing; <1% diss py in discont frac's		
ML11-11A	50.80	51.30	C2246	0.50	<.03	localized ductie shear from 50.8 to 51.1 at 45 deg TCA; 5% qtz-dol vn'ing		
ML11-11A	51.30	52.70	C2247	1.40	<.03	3-5% fg py in discont clots & frac's; <5% qtz-dol vn'ing; contact at 52.65 m at 55 deg TCA		
ML11-11A	57.00	57.60	C2248	0.60	<.03	at 57.3m irregular contact syn-Tuff		
ML11-11A	57.60	58.00	C2249	0.40	<.03	5-8% very fg py in irregular discont frac's with grey qtz vn'ing and qtz-dol vn'ing with ser+chl; stror frac'ing - shear		
ML11-11A	58.60	59.40	C2251	0.80	<.03	10% qtz-dol vn'ing; <1% diss py		
ML11-11A	59.40	61.00	C2252	1.60	<.03	tr py		
ML11-11A	61.00	62.50	C2253	1.50	<.03	shearing at 61.4m at 20 deg TCA with chl+qtz		
ML11-11A	62.50	63.20	C2254	0.70	<.03	62.8m flt - slip with bone white qtz+dol vn 2 cm wide at 85 deg TCA		
ML11-11A	63.20	64.00	C2255	0.80	<.03	2mm wide py vn at 63.5 at 80 deg TCA		
ML11-11A	67.00	67.60	C2256	0.60	<.03	1-2% diss py; <5% carb vn'ing		
ML11-11A	67.60	68.30	C2257	0.70	<.03	at 68.3m flt gouge, at 68 to 68.3m 8-10% anhedral py in frac's and in matrix		
ML11-11A	68.30	69.30	C2258	1.00	<.03	badly broken core; <1% py; flt at 69.4m at 55 deg TCA with qtz-dol-chl		
ML11-11A	69.30	71.80	C2260	2.50	<.03	badly broken core+ rubble; streaky calcite vn'ing; slip at 0 deg TCA from 71.5 to 71.8m		
ML11-11A	71.80	72.50	C2261	0.70	<.03	multiple py vn's 1-3mm wide at 85 to 90 deg TCA; overall 7-10% py		
ML11-11A	72.50	73.20	C2263	0.70	<.03	as with 71.8 to 72.5m		

Hole_ID	From	To	Sample_#	Length	Au ppm	Description	Au ppm_ck	Au ppm-ck2
ML11-11A	73.20	74.70	C2264	1.50	<.03	5% pink calcite vn'ing; tr py; highly frac's unit with calcite+chl; bad ground;		
ML11-11A	74.70	75.50	C2265	0.80	<.03	as above with flt gouge at 75.4m		
ML11-11A	75.50	76.50	C2266	1.00	<.03	perv chl+ser+ 1-3% diss py in chl+ser band		
ML11-11A	76.50	77.20	C2267	0.70	<.03	perv chl + ser <1% py		
ML11-11A	77.20	78.00	C2268	0.80	<.03	0.5 to 1.5 cm wide bands of 10-25% very fg py in grey qtz with red oxy'd hem? or Kspar alt'n		
ML11-11A	78.00	79.00	C2269	1.00	<.03	as above with shearing at 30-40 deg TCA; at 79m qtz+dol vning 3 cm wide		
ML11-11A	79.00	80.30	C2270	1.30	<.03	5-10% qtz-dol vn'ing		
ML11-11A	80.30	81.40	C2271	1.10	<.03	5-7% very fg py in irregular frac's 1mm wide and discont frac's; 5-10% qtz-dol vn's 2-4 cm wide		
ML11-11A	85.80	87.00	C2272	1.20	<.03	10-15% qtz-dol vn'ing at 40 to 45 deg TCA		
ML11-11A	87.00	87.90	C2273	0.90	<.03	1-3mm wide qtz vnlets with 10-30% py at 60 deg TCA; overall 5-8% py		
ML11-11A	87.90	89.00	C2274	1.10	<.03	1% diss py in matrix		
ML11-11A	102.30	103.00	C2275	0.70	<.03	1 to 3mm bone white vnlets at 20 deg TCA occasionally with cpy; tr py		
ML11-11A	103.00	104.00	C2276	1.00	<.03	103.9m 1cm wide weak non penetrative slips with fg py		
ML11-11A	106.90	108.20	C2277	1.30	<.03	107.2 to 107.5m chl frac with qtz-dol+1% py		
ML11-11A	110.80	111.60	C2278	0.80	0.069	110.9m 5mm wide 90% py vn at 65 deg TCA; 3cm wide qtz-dol vn at 111.1m at 40 deg TCA		
ML11-11A	115.00	116.30	C2279	1.30	<.03	3 mauve dk green - white carb vn's at 25 and 45 deg TCA up to 1.2cm wide with one 4mm wide vn 45 deg TCA with 50% py		
ML11-11A	117.00	117.80	C2280	0.80	<.03	mutliple subparallel vn's with carb + chl 25 to 45 deg TCA with minor py		
ML11-11A	117.80	118.80	C2281	1.00	<.03	as above but with 3-5% didd py in vn's and in matrix		
ML11-11A	119.50	120.00	C2282	0.50	<.03	119.6 flt with 2.5 cm wide qtz-chl vn at 45 deg TCA		
ML11-11A	123.80	124.80	C2283	1.00	<.03	weak irregular carb veining but weak frac's with 3-5% anhedral py+ perv chl alt'n		
ML11-11A	124.80	125.80	C2284	1.00	<.03	as above		
ML11-11A	127.50	128.60	C2285	1.10	<.03	8-10 qtz+carb vn's at 10, 20 and 45 deg TCA some with splashes of cpy		
ML11-11A	129.50	130.20	C2286	0.70	<.03	129.7 to 129.8m hairline frac'ung at 20 deg TCA with 3-5% py		
ML11-11A	136.50	138.00	C2287	1.50	<.03	multiple carb vnlets 1mm to 3cm wide at 45 to 55 deg TCA; 1-2% diss py in matrix		
ML11-11A	138.00	139.00	C2288	1.00	<.03	3-5% diss py in matrix;; 5% carb vn'lets		
ML11-11A	139.00	140.10	C2289	1.10	<.03	139.6 to 140.05m weak frac'd zone at 35 to 40 deg TCA with chl+ red oxy'd matrix+ carb vn'ing - 7% diss py		
ML11-11A	140.10	141.10	C2290	1.00	<.03	5% carb vn'ing with 1-3% diss py		
ML11-11A	145.50	147.00	C2291	1.50	<.03	20-30 deg TCZA carn + qtz-ank-chl vn'ing; 1-2% py		
ML11-11A	162.20	163.20	C2292	1.00	<.03	0 deg TCA chl in weak frac'ing with 3-7% diss py; 5% carb vn'ing up to 1.5cm wide at 0 to 20 de TCA		
ML11-11A	163.20	164.00	C2293	0.80	<.03	as above but wk frac'ing, <5% vn'ing and 1-2% diss py		
ML11-11A	164.60	165.20	C2294	0.60	0.411	flt at 164.8 to 164.9m Flt with gouge + carb+calcite vn at 20 deg TCA; adjacent frac'ing with 5-7 py+ qtz-carb vn'ing at 20 to 35 deg TCA		
ML11-11A	168.50	169.30	C2295	0.80	<.03	<0.5cm frac's with chl+carb at 45 and 25 deg TCA with py; overall 1-2% py		
ML11-11A	176.60	177.30	C2296	0.70	<.03	176.65m 40 deg TCA carb vn + chl+ red oxy'd hem staining or Kspar slip ; 177.2m thin frac with cp splash at 45 deg TCA		
ML11-12	3.30	4.00	C2297	0.70	<.03	13.55 to 13.7m felsic dyke or chert sed with 3-5% fg diss py		
ML11-12	12.60	13.40	C2299	0.80	<.03	5 deg TCA slip-flt with chl+qtz-dol; negl py		

Hole_ID	From	To	Sample_#	Length	Au ppm	Description	Au ppm_ck	Au ppm-ck2
ML11-12	13.40	14.30	C2300	0.90	<.03	weak hairline frac's with chl; negl py		
ML11-12	14.30	15.40	C2301	1.10	<.03	start of mod frac'ing with chl; 5% qtz-dol vn'ing		
ML11-12	*15.40*	*16.40*	*C2302*	*1.00*	<.03	*shear zone 15 to 17.8m at 55 deg TCA; ductile with chl+ser+qtz-dol; 15.4 to 16.2m 5-7% fg py in slip frac's*		
ML11-12	*16.40*	*17.50*	*C2303*	*1.10*	<.03	*shear zone 1-3% fg py in slip frac's; 17.2 to 17.45m probable flt zone badly broken core but 8-15% diss py*		
ML11-12	*17.50*	*18.40*	*C2305*	*0.90*	<.03	*strong frac'ing with 5-7% diss py in frac's*		
ML11-12	18.40	19.00	C2306	0.60	<.03	negl py - out of shear-frac zone		
ML11-12	22.70	23.90	C2307	1.20	<.03	5 to 6 hairline frac's with chl & occassional py; overall py <1%		
ML11-12	30.00	30.80	C2308	0.80	<.03	wk frac'ing with <1% py		
ML11-12	47.60	48.30	C2309	0.70	<.03	weak shear prior to Cngl - Syenite contact; chl+ser+ intermittent gouge; negl py		
ML11-12	48.30	49.70	C2310	0.50	<.03	as above; lost core approx 1m, therefore sample only represents 1/2 metre		
ML11-12	49.70	50.40	C2311	0.70	<.03	syenite; magnetite; 50m slip with adjacent qtz-dol vn at 70 deg TCA		
ML11-12	52.80	53.50	C2312	0.70	<.03	8 cm wide qtz+dol+chl vn in frac'd zone with 35-40% vn'ing; negl py		
ML11-12	58.70	59.40	C2313	0.70	<.03	59 to 59.3 slip flt with adjacent qtz+carb+chl at 15 deg TCA; negl py		
ML11-12	66.40	67.20	C2314	0.80	<.03	25% calcite pink vn;ing with chl adjacent to chl frac's; broken core		
ML11-12	70.00	70.70	C2316	0.70	<.03	5mm wide white to white-pink carb vn's with one vn with a splash of cpy		
ML11-12	84.00	84.50	C2317	0.50	<.03	flank sample to 84.5 to 85.6; negl py		
ML11-12	84.50	85.60	C2318	1.10	<.03	84.9 to 85.4m 35-40% qtz+carb+calcite vn'ing with chl at 20 deg TCA with strong cpy ~1% an between flt slips at 50-60 deg TCA 85.25-85.4m 9 cm qtz+calcite; 3-5% py in matrix		
ML11-12	blank		C2319		<.03			
ML11-12	85.60	87.00	C2320	1.40	<.03	flank sample to 84.5 to 85.6; negl py		
ML11-12	112.50	113.70	C2321	1.20	<.03	flt-slip from 112.5 to 115.1m at 0-10 deg TCA with adjacent carb + chl v.ing up to 2 cm wide		
ML11-12	113.70	115.10	C2322	1.40	<.03			
ML11-12	131.60	132.10	C2323	0.50	<.03	bone white qtz+dol up to 1cm wide vn's at 20 deg TCA; at 131.6m qtz+dol alt'n closer to cn contact; 20% qtz+dol vn'ing		
ML11-12	132.10	132.60	C2324	0.50	<.03	mutli-flt slips at 70 to 90 deg TCA with qtz-dol-chl alt'n with a sharp contact; alt'n limited to syeni and not seen in cngl has 1-3% py in discont frac's		
ML11-12	132.60	133.60	C2325	1.00	<.03	mutli frac's with qtz-dol vn'ing at 65 to 90 deg TCA with qtz+dol vn'ing with matrix bx+1-3% diss p from 133.35 to 134.45 and 133.52 to 133.56m		
ML11-12	133.60	134.90	C2326	1.30	<.03	60% qtz+ank vn'ing from 134.09 to 134.3m with 1% diss py at 75 to 90 deg TCA		
ML11-12	134.90	136.00	C2327	1.10	<.03	135.5 to 136m 1 to 1.5 cm wide qtz+ank vn's at 75 to 85 deg TCA with chl+ser frac's +1-2% py		
ML11-12	144.80	145.60	C2328	0.80	<.03	144.85m 4mm wide qtz vn with ser halo + 3-5% diss py at 70 deg TCA; 145.6m qtz+dol 30 deg TCA		
ML11-12	145.60	146.30	C2329	0.70	<.03	146.2m 3 cm wide qtz-ank vn+chl at 70 deg TCA with 3-5% py		
ML11-12	160.00	160.80	C2330	0.80	<.03	1-2% diss py in matrix		
ML11-12	160.80	161.60	C2331	0.80	<.03	15-20% qtz+dol vn'ing at 60 to 75 deg TCA; 1cm wide qtz-dol vn at 80 deg TCA 1% py		
ML11-12	161.60	162.20	C2333	0.60	<.03	1-2% diss py in matrix		
ML11-12	162.20	162.90	C2335	0.70	0.069	qtz-dol vn'ing up to 2 cm wide; 1% py in matrix		

Hole_ID	From	To	Sample_#	Length	Au ppm	Description	Au ppm_ck	Au ppm-ck2
ML11-12	162.90	163.60	C2336	0.70	0.069	163 to 163.3m 45% qtz-dol vning with 3-5% py in frac's; sharp contact at 163.6 m irregular low angle with a wk alt'n halo at contact in Cngl; syenite with weak perv qtz-dol alt'd halo to 165.5m 1% fg diss py in matrix		
ML11-12	163.60	164.70	C2337	1.10	<.03	as described in 162.9 to 163.6m		
ML11-12	164.70	165.50	C2338	0.80	<.03	164.9 to 165.2 8 cm wide qtz + chl vn at 45 deg TCA+ chl bx on margins		
ML11-12	165.50	166.00	C2339	0.50	<.03	negl py		
ML11-12	176.70	177.80	C2340	1.10	<.03	frac'd zone from 176.8 to 177.2m 10% carb vn'ing with chl filled frac's; red oxy'd hem matrix		
ML11-12	179.10	179.70	C2341	0.60	<.03	1-2% diss py in syenite at contact with Cngl; weak chl alt'n in syenite; cngl unaltered		
ML11-13	47.70	49.00	C4954	1.30	<.03	crumbly broken core w 2-3% spec hem; stained brown w subrounded clasts some made of qtz		
ML11-13	59.40	60.90	C4955	1.50	<.03	broken core of conglomerate w subrounded to rounded clasts ranging from 0.2-3 cm; 2-3 % spec hem + rusty alt; zones of arenite within sample, contacts btw sharp @60		
ML11-13	69.50	71.00	C4956	1.50	<.03	highly fractured w 3% spec hem throughout; tr lime to dk gn chl/ser alt + rounded clasts ranging from 0.5-3 cm		
ML11-13	83.10	84.65	C4957	1.55	<.03	broken core w crumbly zones, 2-3% spec hem + 1% 0.1-1 cm green clasts most likely fuschite/roscoelite; bleached tan coloured core w tr qtz-carb vns @40		
ML11-13	91.00	92.40	C4958	1.40	<.03	bleached to lime green in colour w fuschitic clasts, ser + hem alt along fracs, 1-3% spec hem, qtz-carb vns @55-65 w 1-2% fg py + spec hem		
ML11-13	92.40	93.70	C4959	1.30	<.03	hly ser'd w 1-2% spec hem alt + hem along fracs; 2*<0.5 cm qtz vns @55 w spec he		
ML11-13	93.70	95.20	C4960	1.50	<.03	fracs ser'd + chl'd + hem'd throughout core; 1*2 cm grey qtz vn @15 w spec he		
ML11-13	95.20	96.50	C4961	1.30	<.03	1*5 cm min'd chl-ser-hem shear @50 w 2% fg py; 1*3 cm grey qtz vn @0 w 1-2% spec he		
ML11-13	96.50	97.60	C4962	1.10	<.03	1*60 cm min'd hem-ser-chl shear zone @30 w 0.2 cm py vns; contact between sediment/syenite		
ML11-13	97.60	99.00	C4963	1.40	1.132	highly broken core in syenite w <1 cm qtz vns w 1-3% mg chalco + chalco filled fra	1.234	1.029
ML11-13	**99.00**	**100.50**	**C4965**	**1.50**	**0.617**	**highly broken core in syenite w <1 cm qtz vns w 1-3% mg chalco + chalco filled fracs; 1-2% spec hem**		
ML11-13	100.50	102.00	C4966	1.50	<.03	highly broken core w 2-3% spec hem + hem alt on surface as blobs; tr chalco in fra		
ML11-13	102.00	103.50	C4967	1.50	<.03	highly broken core some crumbly and porous w RQD=<10 in syenite w 2-3% spec hem; 1-3% <1 c qtz vns + <0.2 cm fracs containing 1-4% mg chalco + spec hem; syenite has <1 cm xenoliths + chl alt;		
ML11-13	103.50	105.00	C4968	1.50	<.03	As described in 102.00 to 103.50;		
ML11-13	105.00	106.50	C4969	1.50	<.03	As described in 102.00 to 103.50;		
ML11-13	106.50	108.00	C4970	1.50	<.03	As described in 102.00 to 103.50;		
ML11-13	108.00	109.50	C4971	1.50	<.03	As described in 102.00 to 103.50;		
ML11-13	109.50	111.00	C4972	1.50	<.03	As described in 102.00 to 103.50; 0.3-1 cm grey xenoliths within syenite, heavily ch		
ML11-13	111.00	112.50	C4973	1.50	<.03	As described in 102.00 to 103.50;		
ML11-13	112.50	114.00	C4974	1.50	<.03	As described in 102.00 to 103.50;		
ML11-13	114.00	115.00	C4975	1.00	<.03	As described in 102.00 to 103.50;		
ML11-13	115.00	116.00	C4976	1.00	<.03	As described in 102.00 to 103.50; hly chl'd along fracs w vug		
ML11-13	116.00	117.00	C4978	1.00	<.03	As described in 102.00 to 103.50; 2*0.6-1.5 cm qtz vns w 2-3% fg chalco; 1-2% spec hem + chl alt		
ML11-13	117.00	118.50	C4979	1.50	<.03	hly broken core w 2-3% spec hem + <1 cm blk subrounded xenoliths + tr qtz carb v		
ML11-13	118.50	120.00	C4980	1.50	<.03	hly broken core w 2-3% spec hem + 1-2% fg euh diss py + wt qtz vns surrounded by chl alt/fg diss py/hem		

Hole_ID	From	To	Sample_#	Length	Au ppm	Description	Au ppm_ck	Au ppm-ck2
ML11-13	120.00	121.70	C4981	1.70	<.03	hly broken/fractured core w chl'd zones + 1-3% fg diss py/spec hem + tr qtz-carb vns w adj ser alt		
ML11-13	121.70	123.30	C4982	1.60	<.03	hly broken core w chl'd fracs/zones + 1-2% fg diss py/spec hem + qtz-carb vr		
ML11-13	123.30	124.90	C4983	1.60	<.03	hly broken core w chl'd fracs/zones + 1-2% qtz/qtz-carb vning in vns <2 cm w adj ser alt + 2-3% fg diss py + spec hem + cse chalco; 1*2 cm wt qtz vn @30 w 55 cse chalco; faint transition from syenite to QFP		
ML11-13	124.90	126.40	C4984	1.50	<.03	broken core but ground improving significantly; porphyritic texture visible w wt qtz vning + ser'd fracs w tr fg py		
ML11-13	126.40	127.50	C4985	1.10	<.03	transition from light red porphyry into lime green QFP w spec hem along fracs; 1*2 cm fuschitic clast; <1 cm wt to grey qtz vns @40-60 w tr fg py		
ML11-13	127.50	129.00	C4986	1.50	<.03	lime green w chl'd phenocrysts + <1 cm wt to grey qtz vns @50-60 + hem'd <0.2 cm frac		
ML11-13	129.00	129.65	C4987	0.65	0.411	*1*25 cm zone w 5-10% v cse py/chalco ass w 1*2 cm wt qtz @50; 1*2 cm wt qtz vn @0*		
ML11-13	blank		C4988		<.03			
ML11-13	129.65	131.00	C4989	1.35	<.03	1*4 cm wt to grey qtz vn @20; hem'd fracs + 5*<1 cm qtz vns throughout cor		
ML11-13	131.00	132.30	C4990	1.30	<.03	1-2% wt qtz vning w 3*<0.3 cm blk vns @30-40 w 1-2% fg p		
ML11-13	132.30	133.70	C4991	1.40	0.069	1-2% wt to light grey qtz vning including 1*15 cm long qtz vn @0 w tr py + hem; hly ser'd in matrix; 1*0.1 cm blk qtz vn crosscutting wt/light grey qtz vns @30 w 1% fg py		
ML11-13	133.70	135.00	C4992	1.30	<.03	1-2% wt to light grey qtz vning w <0.2 crosscutting blk fracs w 1% py; tr fg py also dis		
ML11-13	135.00	135.90	C4993	0.90	<.03	hly ser'd + chl'd in matrix and phenocrysts; qtz vning + tr blk py filled frac		
ML11-13	135.90	136.85	C4994	0.95	0.069	1*9 cm dol-qtz-chl vn @55 w 2% fn to cse py; 7*<0.3 cm blk fracs @35-45 w 3-5% py; has chl-ser slip @50 representing contact btw lime green/dk red porphyry		
ML11-13	136.85	138.00	C4996	1.15	<.03	back into lime green porphyry w 1*2 cm wt qtz vn @35 + 1*1 cm dol vn @25; brecciated qtz vn adj to a chl flt-slip @45		
ML11-13	138.00	139.40	C4997	1.40	<.03	contact btw green/red porphyry; <0.2 cm py filled fracs, minimal qtz vning; bright green fuschite? clasts		
ML11-13	139.40	140.60	C4998	1.20	<.03	1*0.5 cm dol vn @50; 2*<0.2 cm grey qtz vns @70 w adj ser'd py filled frac		
ML11-13	140.60	142.00	C4999	1.40	<.03	1*3 cm bright green subangular poss fuschitic clast; hly ser'd in matrix w 3*<1.5 cm wt qtz vns @70 w tr fg py		
ML11-13	142.00	143.50	C5000	1.50	<.03	1*0.5 cm grey qtz vn @70 w 1% fg py conc down the center of the vn is offset 2 cm by a hem'd carb microfault		
ML11-13	143.50	144.75	C05001	1.25	<.03	ser'd w fuschitic clasts; transition back to lime green porphyry; 1*2 cm wt to light grey qtz vn @0 for 40 cm w tr hem + py;		
ML11-13	144.75	146.20	C05002	1.45	<.03	1*1.5 cm dol-qtz vn @45 w an adj py filled frac; 8*0.1-0.2 cm py filled fracs throughout @50-65		
ML11-13	146.20	147.60	C05003	1.40	<.03			
ML11-13	147.60	148.70	C05004	1.10	<.03	2-5% wt to grey qtz veining w 1*4 cm qtz vn @15 representing the contact btw lime green matrix and light red matrix in the porphyry; vns along core axis and have <0.2 cm crosscutting py filled fracs		
ML11-13	148.70	150.00	C05005	1.30	<.03	2*5 cm qtz vns @50-70 w crosscutting py filled fracs; 1*0.2 cm carb-hem vn @		
ML11-13	150.00	151.40	C05006	1.40	<.03	1*0.3 cm qtz-carb vn @10 w 2-3% mg py		
ML11-13	151.40	152.80	C05007	1.40	*<.03*	1*3 cm qtz vn @0 w 3% mg py		
ML11-13	152.80	154.10	C05008	1.30	*<.03*			
ML11-13	154.10	154.80	C05009	0.70	*<.03*	broken core w 3*1-5 cm qtz vns w 1-3% mg diss py + py filled frac		
ML11-13	154.80	156.10	C05010	1.30	<.03	6*0.3-3 cm qtz vns @35-65 w tr fg py		

Hole_ID	From	To	Sample_#	Length	Au ppm	Description	Au ppm_ck	Au ppm-ck2
ML11-13	156.10	157.60	C05011	1.50	*<.03*	1*30 cm zone w >70% wt qtz vning @30-60 w tr spec hem + adj ser alt in matrix; 1*0.2 cm red qtz vn @15 w 1-2% mg py		
ML11-13	157.60	159.00	C05012	1.40	*<.03*	1*10 cm ser-chl-dol shear zone @35 w tr fg py; hly ser'd + chl'd in red porphy		
ML11-13	159.00	159.60	C05013	0.60	<.03	broken core which is hly ser'd + chl'd w qtz vning		
ML11-13	159.60	160.90	C05014	1.30	*0.069*	hem'd + ser'd along fracs, some w 2-3% mg p		
ML11-13	163.50	165.00	C05015	1.50	*<.03*	fresh red porphyry w minimal veining and tr py filled frac		
ML11-13	165.00	166.50	C05016	1.50	<.03	1*1.5 cm vuggy qtz-dol vn w ser alt @45; multiple 0.5-2 cm wt to grey qtz vns @25-5		
ML11-13	166.50	168.00	C05017	1.50	*0.274*	>8*0.2 cm py filled fracs @25-45		
ML11-13	168.00	169.50	C05018	1.50	0.137	1*10 cm wt qtz vn @65 in broken core w 3% cse py conc in blobs; wt qtz vning throughout + 1-2% spec hem		
ML11-13	169.50	171.00	C05020	1.50	0.069	1-2% spec hem; hly ser'd w 1*0.2 cm ser-chl slip @35		
ML11-13	171.00	172.50	C05021	1.50	0.480	1*7 cm ser-chl-hem shear zone @45; porphyry becomes sil'd and bleached w a lighter pk/gn colour and less visible phenocrysts		
ML11-13	**172.50**	**173.50**	**C08001**	**1.00**	**0.891**		INFILL	
ML11-13	173.50	175.00	C08002	1.50	1.749	INFILL	1.783	1.714
ML11-13	175.00	176.30	C08003	1.30	0.754		INFILL	
ML11-13	176.30	177.30	C08004	1.00	1.509	INFILL	1.646	1.371
ML11-13	177.30	178.50	C08005	1.20	1.132	INFILL	1.234	1.029
ML11-13	178.50	180.00	C05022	1.50	1.612	light green to tan w faint porphyritic texture; min qtz vning w 3*<1 cm wt to light grey qtz vns @35; pk ank vns w 2-3% spec hem	1.783	1.440
ML11-13	180.00	181.00	C08006	1.00	1.475	INFILL	1.509	1.440
ML11-13	181.00	182.00	C08007	1.00	1.372	INFILL	1.440	1.303
ML11-13	182.00	183.00	C08008	1.00	2.435	INFILL	2.743	2.126
ML11-13	183.00	184.50	C05023	1.50	1.440	broken core w light grey qtz vning incl 1*2 cm qtz vn @10 w tr py + spec he	1.577	1.303
ML11-13	184.50	186.00	C05024	1.50	2.126	light green w <1% qtz vning + ank alt; 1-3% spec hem + purply moly along vns/in groundmass	2.263	1.989
ML11-13	186.00	187.50	C05025	1.50	1.543	darker green chl'd matrix w qtz-ank vns + qtz vns + qtz-dol vns @0-35 some w tr fg p	1.509	1.577
ML11-13	187.50	189.00	C05026	1.50	1.269	1*1 cm ank-dol vn @20; 2-3 cm vugs throughout w qtz-ank-dol + spec hem + tr fg py/chal	1.166	1.371
ML11-13	189.00	190.00	C08009	1.00	0.411		INFILL	
ML11-13	**190.00**	**191.00**	**C08010**	**1.00**	**0.549**		INFILL	
ML11-13	191.00	192.00	C08011	1.00	0.480		INFILL	
ML11-13	192.00	193.50	C05027	1.50	0.343	1-2% <1 cm wt to grey qtz vning within a sil'd tan matrix w wt to green-yellow felds-qtz phenos; ser alt adj to vns + tr cse py in vns		
ML11-13	**193.50**	**195.00**	**C05028**	**1.50**	**0.686**	**hly vuggy texture w 1% wt to grey qtz vning w tr md to cse py within vns + vugs**		
ML11-13	**195.00**	**196.50**	**C05030**	**1.50**	**0.549**	**contact @30 btw tan porphyry and small 60 cm unit of red porphyry; tan porphyry hly sil'd w tr py in <0.5 cm qtz vns; red porphyry has no qtz vning**		
ML11-13	**196.50**	**198.00**	**C05031**	**1.50**	**0.891**	**hly vuggy texture w tr qtz vning**		
ML11-13	198.00	199.00	C08012	1.00	0.480		INFILL	
ML11-13	199.00	200.00	C08013	1.00	0.206		INFILL	
ML11-13	200.00	201.00	C08014	1.00	0.069		INFILL	
ML11-13	201.00	202.00	C08015	1.00	0.206		INFILL	
ML11-13	202.00	203.10	C08016	1.10	<.03		INFILL	
ML11-13	203.10	204.70	C05032	1.60	0.343	1*2 cm chl-dol-ank-qtz slip @65; porphyry transitions from light green to pink w pink to green phenocrysts ranging up to 0.5 cm; tr qtz vning		
ML11-13	204.70	205.55	C05033	0.85	0.137	1*30 cm wt to light grey qtz vn @45 w <1% fg py conc along fracs in the vn		

Hole_ID	From	To	Sample_#	Length	Au ppm	Description	Au ppm_ck	Au ppm-ck2
ML11-13	205.55	206.70	C05034	1.15	<.03	1*2cm light grey qtz vn @50 w 1% fg py along the edges in fracs; ser alt + ank; 1*0.1 cm hem vn @20		
ML11-13	210.00	211.50	C05035	1.50	<.03	1*4 cm zone of ank-qtz w 5% cse py; 1-2% <1 cm light grey qtz vning @40-60 some offset by <0.1 ser'd qtz vns		
ML11-13	211.50	213.00	C05036	1.50	<.03	1*3 cm light grey qtz vn @55; broken core w 2-3% spec hem + ser a		
ML11-13	213.00	214.50	C05037	1.50	<.03	1*1 cm light grey qtz vn @25; transition from red to light green porphyry w a 30 cm slightly sheared zone w grey qtz vns + ser/chl alt		
ML11-13	214.50	216.00	C05038	1.50	<.03	light green porphyry w perv ser alt + chl'd phenocrysts + minimal vning w 2*1 cm wt to grey qtz vns @20; qtz vns are offset by <0.2 cm qtz-carb vns @80		
ML11-13	218.50	219.90	C05039	1.40	*<.03*	<1% fg py on the surface of vuggy ank-qtz vn		
ML11-13	225.50	226.90	C05040	1.40	<.03	3*<0.1 cm light grey qtz vns @25-55; 1-2% spec hem; 1*5 cm lime green clast, poss fuschite?		
ML11-13	228.25	229.70	C05041	1.45	<.03	1*1 cm qtz vn w adj chl'd fracs w 1% fg diss py; 1*2 cm vuggy qtz-dol-ank vn @50 w tr p		
ML11-13	229.70	231.15	C05042	1.45	<.03	1*8 cm greeny grey xenolith; 1*0.6 cm py min'd xenoli		
ML11-13	232.50	233.90	C05043	1.40	<.03	1*2 cm light grey qtz vn @0; 1*0.5 qtz-ank-chl-dol vn @4		
ML11-13	236.70	238.10	C05044	1.40	<.03	1*3 cm chl slip w adj qtz-ank vning @45 w tr fg p		
ML11-13	242.50	244.00	C05045	1.50	<.03	1*1 cm vuggy dol-ank vn @15 w 1-2% spec hem; 1*0.5 cm light grey qtz vn @2		
ML11-13	252.00	253.50	C05046	1.50	*<.03*	1*1 cm wt to light grey qtz vn @0 w 1% fg py + diss spec her		
ML11-13	259.20	260.40	C05047	1.20	*<.03*	2*1.5 cm grey qtz vns @25 w tr fg py		
ML11-13	260.40	261.65	C05048	1.25	<.03	1*4 cm grey qtz vn @15 for 25 cm w wt qtz-carb fracs + fracs filled w py + 1-2% mg py along the edges + spec diss hem; perv ser/chl alt around vn		
ML11-13	261.65	263.05	C05050	1.40	<.03	1*20 cm zone w multiple chl'd qtz-dol vns including 1*2 cm dol-chl-qtz vn @50 w 1-2% fg py + perv ser/chl alt		
ML11-13	263.05	264.45	C05051	1.40	<.03	1*1 cm light grey qtz vn @0 for 1.30 m w fracs w hem + tr fg py		
ML11-13	268.50	269.80	C05052	1.30	<.03	sil'd w ser/chl alt along fracs/ in the groundmass w <1% cse diss py; 1*0.2 cm vuggy dol-ank-chl vn @0 for 25 cm		
ML11-13	269.80	271.10	C05053	1.30	<.03	2*1.5 cm vuggy qtz-ank vns @40 w ser/chl alt + 3% md to cse py; 1*3 cm chl clast w ser/hem alt + 3% fg py		
ML11-13	271.10	272.60	C05054	1.50	<.03	0.1-0.5 cm vuggy ank vns @0-15 + <0.5 cm light grey qtz vns @30-40 some being offset by ank vns; 1-2% diss spec hem + chalco		
ML11-13	274.90	276.30	C05055	1.40	<.03	1*0.5 cm qtz vn @55 w 5% spec hem + mg py/chalc		
ML11-13	277.70	279.10	C05056	1.40	<.03	3*0.5-1 cm light to dark grey qtz vns @15-25 w tr mg py; 1*2 cm green xenoli		
ML11-13	279.10	280.50	C05057	1.40	0.480	2*<1 cm pink qtz-ank vns @0 w 2-3% spec hem + fg py; 1*0.5 cm carb vn @45 w 5% p		
ML11-13	280.50	281.80	C05058	1.30	0.411	1*0.2 cm ank-dol vn @0 w 1-2% mg py; 4*<0.5 cm grey qtz + wt dol vns @35-4		
ML11-13	293.00	294.50	C05059	1.50	<.03	1*4 cm qtz-dol vn @75 + 1*1 cm dol-ank vn @30; 1-2% qtz/qtz-carb vns throughout some offset by <0.2 cm chl vns w tr fg py		
ML11-13	294.50	295.90	C05060	1.40	<.03	chl'd w green coloured matrix + 1*4 cm grey qtz vn @40 w tr mg py; 1-2% qtz/qtz-carb vns throughout		
ML11-13	297.30	298.70	C05061	1.40	<.03	1*3 cm qtz vn + 1*3 cm qtz-dol-ank vn both @40 w 1% fg p		
ML11-13	298.70	300.10	C05063	1.40	<.03	fresh red porphyry w 3*<0.5 cm vuggy ank vns @20 w 1-3% diss spec hem; 1-2% grey <1 cm qtz vns some offset by chl'd + ser'd microfractures		
ML11-13	300.10	301.50	C05064	1.40	<.03	3*1 cm light grey qtz vns @45-55 w 1% cse py; 1-2% mg py diss in groundmass around vns; 1% crosscutting pink vuggy <0.2 cm ank vns		
ML11-13	302.75	304.00	C05065	1.25	<.03	2-3% spec hem; 1*2 cm qtz vn @45 w 1-2% spec hem + fg diss py is offset 2.5 cm by a 0.2 cm ank-dol vn @35		

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ML11-13	306.00	307.50	C05066	1.50	<.03	fresh dk red porphyry w >40% clear <0.5 cm pk to wt felds-qtz phenocrysts; 1*2 cm qtz vn @20 w tr py + spec hem		
ML11-13	307.50	309.05	C05067	1.55	<.03	1*20 cm altered zone w hvy ser + chl alt along fracs which host 1-2% fg p		
ML11-13	309.05	310.50	C05068	1.45	<.03	ser'd + chl'd along fracs hosting 1-2% fg py; 2% grey qtz vning		
ML11-13	313.30	314.70	C05069	1.40	<.03			
ML11-13	315.00	316.50	C05070	1.50	<.03	1-2% fg diss py ass w chl'd zones; 1*4 cm chl vn @50 w 1% fg py + adj qtz/carb vnin		
ML11-13	316.50	318.00	C05071	1.50	*<.03*	1*0.2 cm min'd chl-chalco slip @45 w 5% chalc		
ML11-13	322.50	324.00	C05072	1.50	<.03	zones of BC w ser alt, ank-dol vning + 1-2% spec hem/chalco; 1*0.8 cm pk vuggy ank vn @0 w 1-2% hem + chalco crosscut by qtz vns		
ML11-13	324.00	325.50	C05073	1.50	<.03	1-2% spec hem w ass tr py; 1-2% <1 cm wt to grey qtz vns @65 + pk ank vns @		
ML11-13	325.50	327.00	C05074	1.50	<.03	transition from dk red porphyry w clear phenocrysts to light green/pink w more subdued phenos - contact moly slip @70; 1*20 cm zone w >70% qtz/qtz-dol-ank vning @45-75 w 1-2% spec hem + fg py conc along fracs in the vns; ser'd + chl'd in the matrix surrounding the vns		
ML11-13	327.00	328.50	C05076	1.50	<.03	2*<1 cm qtz-moly vns @30-50 w tr fg py; chl'd + ser'd fracs throughout w 1-3% spec he		
ML11-13	328.50	330.00	C05077	1.50	<.03			
ML11-13	330.00	331.50	C05078	1.50	<.03	light pink to green w 1*3 cm wt qtz vn @70 w 3% v cse chalcopyri		
ML11-13	331.50	333.00	C05079	1.50	<.03	2% grey qtz vning + pk ank vning; 1-2% diss spec hem + fg diss p		
ML11-13	335.25	336.65	C05080	1.40	<.03	1*3 cm dol-ank-qtz vn @25; chl'd throughou		
ML11-13	338.00	339.40	C05081	1.40	0.069	1-2% grey qtz vning @30-60; 1*0.5 cm qtz-dol vn @5		
ML11-13	340.80	342.20	C05082	1.30	0.069	hly chl'd + ser'd w 1-2% grey qtz vning + 1-2% fg diss p		
ML11-13	342.20	343.50	C05083	1.30	<.03	1-2% grey qtz vning incl 1*6 cm grey qtz vn @70 w tr spec hem/fg py + 1-2% fg diss py in the groundmass		
ML11-13	**344.80**	**346.10**	**C05084**	**1.30**	**0.617**			
ML11-13	349.50	351.00	C05085	1.50	<.03	dk red porphyry w 1-2% diss spec hem + grey qtz vning incl 1*1.5 cm vn @65 w 1% fg p		
ML11-13	351.00	352.50	C05086	1.50	<.03	1*1 cm vuggy qtz-ank slip w 2-3% diss hem + cse chalco; 2-3% diss spec hem + tr fg py		
ML11-13	352.50	354.00	C05087	1.50	<.03	2-3% diss spec hem + fn to mg py + md to cse chalc		
ML11-13	354.00	355.50	C05088	1.50	0.343	hly ser'd w 1-2% fg diss py + 1*1 cm qtz-dol-ank vn @40 w 3% mg py		
ML11-13	355.50	357.00	C05090	1.50	0.069	2-3% diss spec hem + fn to mg py; transition from red to green porphyry w subdued phen		
ML11-13	357.00	358.15	C05091	1.15	<.03	1-2% fg diss py + 3% wt to grey qtz vning; 1*1 cm qtz-dol vn @50 w 5% mg py + adj fracs filled w py		
ML11-13	358.15	359.30	C05092	1.15	<.03	2*30 cm sil'd zones w wt <0.5 cm phenos + 3*2 cm wt to grey qtz vns @40 + 3% diss fg py/py along fracs + 1*0.5 cm vn @30 w 5% fg py; second sil'd zone has 2*3 cm grey qtz vns @30 w 5% chalco + py		
ML11-13	359.30	360.60	C05094	1.30	<.03	2-3% wt to grey qtz vns; 1-2% fn to mg diss py + py along fracs		
ML11-13	363.00	364.50	C05095	1.50	<.03	1-2% wt to grey qtz vning w adj 1-2% fg py diss + along fracs; 1 cm vuggy qtz-ank-dol vns @25 w 3% spec hem		
ML11-13	364.50	366.00	C05096	1.50	<.03	1*35 cm qtz vn @45 w ser/chl alt along the edges + an adj 4 cm zone of ank vning @70 + 5% fg py hosted in qtz-ank vning; 2-3% diss spec hem		
ML11-13	366.00	367.50	C05097	1.50	<.03	1*1 cm grey qtz-ank vn @50 w 3% fg py; 2-3% diss spec her		
ML11-13	367.50	369.00	C05098	1.50	<.03	1-2% dk grey qtz vning w blk qtz stringers + 1-2% fg py; 2-3% diss spec hen		
ML11-13	369.00	370.50	C05099	1.50	<.03	2-3% qtz vning both as more rare wt qtz vns + dk grey to black vns @ 20-50; dk grey qtz vns host 1% fg py; 5% diss spec hem throughout groundmass + vns		
ML11-13	370.50	372.00	C05100	1.50	<.03	3-4% qtz vning as dk grey vns w black stringers w 1% fg py + spec he		

Hole_ID	From	To	Sample_#	Length	Au ppm	Description	Au ppm_ck	Au ppm-ck2
ML11-13	372.00	373.50	C05101	1.50	<.03	3-4% qtz vning as wt to dk grey vns w black stringers w 1% fg py + spec hem; 1*0.5 cm qtz-dol-ank vn w 5% cse euh py		
ML11-13	373.50	375.00	C05102	1.50	<.03	3-4% qtz vning as wt to dk grey vns w black stringers w 1% fg py + spec hem		
ML11-13	**375.00**	**376.50**	**C05103**	**1.50**	**0.823**	**2-3% qtz vning incl 1*4 cm qtz vn @15 w tr fg py + 1*3 cm qtz vn @40 w 3% py ass w areas of the vn w blk qtz**		
ML11-13	376.50	378.00	C05104	1.50	<.03	BC w 2-3% grey qtz vning + 2-3% diss spec hem/py; hly ser'd in zone		
ML11-13	378.00	379.50	C05105	1.50	<.03	5% qtz vning incl <0.2 cm blk qtz stingers running along core @<25 TCA w tr py; 2-3% spec hem		
ML11-13	379.50	381.00	C05106	1.50	<.03	3-4% qtz vning as wt to dk grey vns w black stringers w 1-3% spec hem + tr		
ML11-13	381.00	382.50	C05107	1.50	<.03	2-3% qtz vning; 4% spec diss hem incl 1*3 cm zone of her		
ML11-13	384.30	385.75	C05108	1.45	<.03	2-3% qtz vning; 1-2% fg diss py + spec hen		
ML11-13	385.75	386.75	C05109	1.00	<.03	1*50 cm hly chl'd alt zone w 30% wt to grey qtz vn w blk stringers @25-65 + 1*4 cm qtz-dol vn @30; within zone 3-4% diss fg py + hosted in vns + along fracs; vns have well formed qtz vugs		
ML11-13	386.75	388.35	C05110	1.60	<.03	2-3% qtz vning; 1-2% fg diss py + spec hem		
ML11-13	388.35	389.75	C05111	1.40	<.03	1*1 cm vuggy pk qtz-ank vn @25 w 1% diss hem; 1*6 cm qtz-dol vn @75 w adj 2% fg diss py		
ML11-13	394.10	395.50	C05112	1.40	<.03	1-2% wt to grey qtz vning w crosscutting <0.5 cm vuggy pk ank-dol-qtz vns w spec he		
ML11-13	397.50	399.00	C05113	1.50	<.03	1*6 cm zone of bimodal porphyry w <1.5 cm pk felds phenos within a grey mat		
ML11-13	400.00	401.40	C05114	1.40	<.03	1*35 cm zone of wt to grey qtz vning @75 w tr p		
ML11-13	406.25	407.75	C05115	1.50	0.137	4*<1.5 cm grey qtz vns @25-30; 1% diss spec hem + tr mg p		
ML11-13	407.75	409.00	C05116	1.25	<.03	1*4 cm grey qtz vn @10 w tr fg p		
ML11-13	410.70	412.00	C05117	1.30	<.03	1-2% grey qtz vning + pk to wt ank-dol vns @0-20 w 2-3% spec hem + cse chalco + adj fg diss py		
ML11-13	414.00	415.40	C05118	1.40	<.03	1% pk ank vning @0 w 1% spec hem + cse chalco + fg p		
ML11-13	421.00	422.40	C05119	1.40	<.03	1% fg diss py; chl'd phenos + ser/chl alt in groundmass/along edges of vr		
ML11-13	422.40	423.45	C05120	1.05	0.137	1*3 cm dol-qtz vn @40 w 3% fg py along chl'd fracs in vn + adj to vn; hly ser'd/chl'd in groundmass w 4*1-3 cm qtz-dol-ank vns w ass tr fg py		
ML11-13	423.45	424.95	C05122	1.50	0.069	hly chl'd/ser'd in groundmass/along frac		
ML11-13	424.95	426.45	C05123	1.50	<.03	1*2 cm chl-ser slip @65 w 1% fg py; 2% spec diss hen		
ML11-13	436.60	438.00	C05124	1.40	<.03	<0.5 cm ank-dol-qtz vns @0-15 w vuggy texture containing chl alt, 1-2% spec hem + tr		
ML11-13	439.10	440.55	C05125	1.45	<.03	transition from dk red cse porphyry to hly chl'd/ser'd dk grey pk to green porphyry w chl'd less visible phenos + 1*4 cm chl-dol-ank slip @35		
ML11-13	440.55	441.85	C05126	1.30	<.03	transition back to dark red porphyry near end; chl alt around vns both <0.5 cm grey/wt qtz + pk/wt ank vns; chl'd fracs + tr diss fg py		
ML11-13	445.50	447.00	C05127	1.50	<.03	1*2.5 cm chl'd qtz vn @90 w carb filled fracs + tr fg p		
ML11-13	458.40	459.90	C05128	1.50	<.03	red porphyry w <0.3 cm grey qtz + wt qtz-dol vns @0 w spec hem; ser'd in zones; tr diss		
ML11-13	459.90	461.40	C05129	1.50	<.03	hem'd fracs + <0.3 cm wt qtz-dol vns; 1*1 cm qtz-dol vn @20 w 10% hen		
ML11-13	461.40	462.50	C05130	1.10	0.137	1*11 cm chl-ser shear w adj ank-dol-qtz vns @50 w 1-2% fg py; chl'd phenos w ser a		
ML11-13	471.00	472.50	C05131	1.50	0.069	1*1 cm chl-ank slip @80 w 3% cse py min + spec hen		
ML11-13	480.00	481.50	C05132	1.50	<.03	hly broken core w 5% diss spec hem; 1*1.5 cm wt qtz vn @55 w tr fg p		
ML11-13	482.80	484.00	C05133	1.20	<.03	hly broken core w 5% diss spec hem + 1% fg diss py; chl'd fracs + tr <0.2 cm qtz-dol-ank vns		
ML11-13	486.90	488.40	C05134	1.50	<.03	hly BC w 1*1.5 cm wt qtz vn w black stringers @55 w 1-2% fg py along fracs + in stringe		
ML11-13	490.70	492.00	C05135	1.30	<.03	ground improving w 1-2% diss cse chalco blobs; <0.2 cm ank + hem stringer vns througho		

Hole_ID	From	To	Sample_#	Length	Au ppm	Description	Au ppm_ck	Au ppm-ck2
ML11-13	492.00	493.10	C05136	1.10	<.03	2% spec diss hem + chalco; 1*3 cm chalco blob within a zone of ank-cl		
ML11-13	493.10	494.40	C05137	1.30	<.03	1-2% <0.2 cm vns of hem, dol, ank + qtz @25-5(		
ML11-13	494.40	495.70	C05138	1.30	<.03	1*3 cm chl-ser shear @50 w an adj 25 cm zone of qtz-dol-ank vning; 1*0.5 cm qtz-dol-ank-hem v @20		
ML11-13	495.70	497.15	C05140	1.45	<.03	2-3% qtz-ank-dol vning w hem alt; hly ser'd/chl'd along fracs w tr fg p		
ML11-13	497.15	498.45	C05141	1.30	<.03	1*1 cm hly ser'd, chl'd and hem'd qtz-dol-ank vn @3		
ML11-13	504.00	505.50	C05142	1.50	0.206	hly broken core w 1*5 cm pk qtz-carb vn @85 w an adj chl slip w tr fg p		
ML11-13	509.00	510.50	C05143	1.50	<.03	2-3% diss spec hem + mg py; <1 cm wt to lg grey qtz vns incl 1*1.5 cm vn @30 w 1% chalco		
ML11-13	510.50	511.80	C05144	1.30	<.03	2-3% fg diss py + spec hem + qtz-dol vnin(		
ML11-13	513.00	514.40	C05145	1.40	<.03	broken core w 2-3% diss spec hem + mg chalcc		
ML11-13	514.40	515.80	C05147	1.40	<.03	broken core w 2-3% diss spec hem + mg chalcc		
ML11-13	519.80	521.30	C05148	1.50	<.03	transition from dk red cse porphyry to hly chl'd/ser'd green porphyry w chl'd less visible phenos + 1 cm zone of qtz/ank vning w tr py		
ML11-13	521.30	522.75	C05149	1.45	<.03	1*2 cm qtz-ank slip @60 w <1% fg py; 1*30 cm sil'd zone w 2% fg diss py + py along frac		
ML11-13	522.75	524.25	C05150	1.50	0.137	end of green porphyry zone w 1*2.5 cm chl'd qtz-dol-ank vn @3		
ML11-13	**529.50**	**531.00**	**C05151**	**1.50**	**0.549**	**similar to syenite at 102 m depth but in porphyry; highly broken core w grey qtz vns containing 1-2% chalco; 2-3% fn to mg diss chalco + fg diss py; 2-3% ank-dol vns + alt; chl alt within vns; magnetic in zones**		
ML11-13	531.00	532.50	C05152	1.50	0.411	as described in 529.50 to 531.00;		
ML11-13	532.50	534.00	C05153	1.50	0.343	as described in 529.50 to 531.00;		
ML11-13	534.00	535.50	C05154	1.50	<.03	as described in 529.50 to 531.00;		
ML11-13	535.50	537.00	C05155	1.50	<.03	ground improving w 2-3% diss fg py+ py along fracs which are often chl'd; mn <1 cm wt qtz vns sample becomes more fresh and alt + vning diminishes w <0.2 cm pk ank-dol vns + clear wt to pk phenos		
ML11-13	539.00	540.00	C05156	1.00	<.03	BC w 2-3% fg diss py ass w zones w dol-ank/chl alt		
ML11-13	543.00	544.50	C05157	1.50	<.03	BC w 1-2% fg diss py; mn <1 cm wt qtz vns		
ML11-13	544.50	546.00	C05158	1.50	<.03	BC w 1-2% fg diss py; 2*0.2-0.5 cm qtz-ank vns @40-60 w 3% fg py along margins		
ML11-13	553.85	555.10	C05159	1.25	<.03	dk gn to red groundmass w 2*0.5-1 cm wt qtz vn @0-20 w ~0.3 cms of lighter red matrix along the vn margin w 1% fg py; sil'd in a 20 cm zone w 2-3% fg py		
ML11-13	555.10	556.30	C05161	1.20	<.03	1*0.3 cm wt qtz vn @0 w light red matrix along margins crosscut by 0.1 cm ank vns bth w tr py		
ML11-13	560.25	561.75	C05162	1.50	<.03	1-2% wt to lg grey qtz vning @0 TCA w light red matrix on margins w tr fg py		
ML11-13	563.70	565.20	C05163	1.50	<.03	1*2 cm wt qtz vn @25; lg red matrix around vns hosts 1-2% fg py/spec hem diss + along fracs		
ML11-13	570.00	571.50	C05164	1.50	<.03	transition from dk red to green to light red porphyry @35 w chl'd/ser'd fracs, 1-2% fg py, chl slips, 2*<1 cm qtz vns @40-50 w 1% fg py		
ML11-13	571.50	573.00	C05165	1.50	<.03	end of green porphyry zone w 1-2% fg diss py + 1*20 cm zone w 3% fg diss py/py along fracs/ 2*1 cm chl'd qtz-dol-ank vns @30 w 5% fg py		
ML11-13	577.40	578.80	C05166	1.40	<.03	grey red porphyry w 1*2 cm light grey qtz vn @25 w adj 1-2% fg py		
ML11-13	588.10	589.60	C05167	1.50	<.03	5% grey qtz vning @0 TCA w chl alt along fracs in vn w 1% fg py; dk red matrix w 2% fg py along fracs +diss		
ML11-13	589.60	591.00	C05169	1.40	<.03	2*1 cm chalco blobs within qtz-ank; 1*2 cm grey qtz vn @15 w tr p		
ML11-13	591.00	592.50	C05170	1.50	<.03	1*8 cm pk qtz-ank-dol vn @40 w blk qtz along the edges + adj 2% fg py in frac		
ML11-13	592.50	594.00	C05171	1.50	<.03	1-2% <3 cm grey qtz vning crosscut by <0.2 cm pk to wt ank-dol vr		

Hole_ID	From	To	Sample_#	Length	Au ppm	Description	Au ppm_ck	Au ppm-ck2
ML11-13	594.50	595.90	C05172	1.40	<.03	**Start of King Quartz Stockwork Zone type flooding** (similar to qtz vning seen btw 359-390m w 1-8% grey qtz vning but more vning in this zone) 1-20% whispy grey qtz vning @10-60 w cross cutting fracs, offset by microfaults + dol-ank-hem vns; 1-2% pk to wt dol-ank-qtz vns @30-70; vns ass w 1-5% sulphides as both chalco blobs + diss fg py; ser'd + chl'd in zones w hem along fracs; vning hosted in dk pink to red matrix (in contrast to the light green, chloritic-sericite alt'd matrix hosting the KQS in LB08-35) and considerably vning less then in LB08-35 (perhaps not main KQS system)		
ML11-13	595.90	597.25	C05173	1.35	0.274	As described in 594.50 to 595.90m; porphyry transitions from dk red grey to light red matrix w 1*30 cm zone of >90% wt to light grey qtz vning @20 along contact		
ML11-13	597.25	598.70	C05174	1.45	0.069	As described in 594.50 to 595.90m;		
ML11-13	598.70	600.20	C05175	1.50	<.03	As described in 594.50 to 595.90m; 2-3% diss spec hem + 1 cm crosscuting pk ank vn		
ML11-13	600.20	601.70	C05176	1.50	<.03	As described in 594.50 to 595.90m;		
ML11-13	601.70	603.00	C05177	1.30	<.03	As described in 594.50 to 595.90m; 1*5 cm light grey to wt qtz vn @60 w 5% mg chal		
ML11-13	603.00	604.45	C05178	1.45	<.03	As described in 594.50 to 595.90m; <0.5 cm whispy black qtz vns @15 w 1-2% fg p		
ML11-13	604.45	605.85	C05179	1.40	<.03	As described in 594.50 to 595.90m; 1*35 cm zone w bright green chl'd matrix/phenos @30 w 5% fg diss py + qtz-ank vns		
ML11-13	605.85	607.25	C05181	1.40	<.03	As described in 594.50 to 595.90m; ser'd in the groundmass w 1-2% py + hem along fra		
ML11-13	607.25	608.70	C05182	1.45	<.03	As described in 594.50 to 595.90m; 8% grey qtz vning w 2-3% fg py + chalco + hem along vns		
ML11-13	608.70	610.20	C05183	1.50	<.03	As described in 594.50 to 595.90m;		
ML11-13	610.20	611.70	C05184	1.50	<.03	As described in 594.50 to 595.90m; 3*1-2 cm chalco blobs along edge of dk grey qtz vn @		
ML11-13	**611.70**	**613.15**	**C05185**	**1.45**	**0.823**	**As described in 594.50 to 595.90m; decrease in vning w <2% grey qtz vning + blk stringers**		
ML11-13	613.15	614.65	C05186	1.50	<.03	As described in 594.50 to 595.90m; 2% fn to mg diss p		
ML11-13	614.65	616.05	C05187	1.40	<.03	As described in 594.50 to 595.90m;		
ML11-13	616.05	617.45	C05188	1.40	<.03	As described in 594.50 to 595.90m; 5% grey qtz vning + dk grey stringers w 3% fg p		
ML11-13	617.45	618.85	C05189	1.40	<.03	As described in 594.50 to 595.90m; ser'd + carb alt in the groundmass giving lg grey colouration; 1*0.5 cm green chl clast		
ML11-13	618.85	620.35	C05190	1.50	<.03	As described in 594.50 to 595.90m; 1*0.3 cm hem'd qtz-dol-ank vn @15 w 2% mg chal		
ML11-13	620.35	621.80	C05191	1.45	<.03	As described in 594.50 to 595.90m; 1*9 cm wt qtz vn @55 w tr mg chalco + fg p		
ML11-13	621.80	623.25	C05192	1.45	<.03	As described in 594.50 to 595.90m;		
ML11-13	623.25	624.60	C05193	1.35	<.03	As described in 594.50 to 595.90m; 2*1 cm qtz-ank vns @65 w 3% spec hem + 1*0.7 cm chalco blob; 1*1.5 cm hem'd qtz-ank-dol vn @15 w <1 cm chalco blobs		
ML11-13	624.60	626.10	C05195	1.50	<.03	As described in 594.50 to 595.90m; 1*38 cm zone w 80% wt to grey qtz vning w chl'd fracs w tr fg py; adj to vn groundmass hly chl'd/ser'd w a slip		
ML11-13	626.10	627.50	C05196	1.40	<.03	As described in 594.50 to 595.90m; ser'd/chl'd w diminished vning; <0.2 cm blk stringers host 1-2% hem + fg py		
ML11-13	627.50	628.90	C05197	1.40	<.03	As described in 594.50 to 595.90m; porphyry freshining up/vning decreasir		
ML11-13	628.90	630.30	C05198	1.40	<.03	As described in 594.50 to 595.90m; tr qtz vning, porphyry becoming more fres		
ML11-13	630.30	631.80	C05199	1.50	<.03	As described in 594.50 to 595.90m;		
ML11-13	631.80	633.20	C05200	1.40	<.03	As described in 594.50 to 595.90m; 1-2% fg diss py in zone ass w 1*2 cm wt qtz vn @55 w 2% fg py along blk stringers within the vn + 1*1.5 cm qtz-dol-ank vn @45 w 1% mg chalco		
ML11-13	633.20	634.50	C05201	1.30	<.03	As described in 594.50 to 595.90m;		
ML11-13	634.50	635.50	C05202	1.00	<.03	As described in 594.50 to 595.90m; 1*20 cm zone of chl alt w tr mg chalco + spec he		

Hole_ID	From	To	Sample_#	Length	Au ppm	Description	Au ppm_ck	Au ppm-ck2
ML11-13	635.50	636.45	C05203	0.95	0.069	As described in 594.50 to 595.90m; 1*2 cm wt to grey qtz vn @20 w ass blk stringers @0 w 1% mg chalco		
ML11-13	636.45	637.80	C05204	1.35	<.03	As described in 594.50 to 595.90m; 1*3 cm wt qtz vn @40 w tr fg p		
ML11-13	637.80	638.50	C05205	0.70	<.03	*contact btw porphyry and diorite/sed; porphyry at contact has slight brecciated type texture w qtz phenos ranging up to 1 cm surrounded by dol + 2-3% fg diss py/spec hem; in diorite 5% fg diss py adj to contact; diorite appears to flow into porphyry, no clear chill margin visible*		
ML11-13	638.50	639.40	C05207	0.90	<.03	dk gn aph groundmass w 5% wt bull qtz vning @30-5		
ML11-13	639.40	640.25	C05208	0.85	<.03	1*2 cm wt to light grey qtz vns @20 w microfracs + adj 1-2% fg py in blk stringers; 1*1.5 cm pk ank vn @40 w adj 2% fg py in chl stringers		
ML11-13	640.25	641.70	C05209	1.45	<.03	5% bull wt to lg grey qtz vning		
ML11-13	641.70	643.00	C05210	1.30	<.03	5% qtz vning incl 1*4 cm lg grey qtz vn @35 w tr fg py + crosscuting 1 cm pk ank vr		
ML11-13	643.00	644.40	C05211	1.40	0.069	5% bull wt to lg grey qtz vning; visible <0.3 cm red phenos + red alt along vn margi		
ML11-13	644.40	645.70	C05212	1.30	0.069	5% bull wt to lg grey qtz vning; visible <0.3 cm red phenos + red alt along vn margi		
ML11-13	647.75	648.80	C05213	1.05	<.03	2% bull wt qtz vning + 1*0.5 cm pk qtz-ank vn @40 w tr p		
ML11-13	648.80	649.70	C05214	0.90	<.03	1*1.5 cm qtz-dol-ank vn @0 for 60 cm w 1% <1 cm chalco blobs; vn cuts a 10 cm intrusive of previous red porphyry		
ML11-13	649.70	651.00	C05215	1.30	<.03			
ML11-13	653.30	654.55	C05216	1.25	<.03	7% wt to lg grey qtz vning w 1-2% fg diss py on margins adj to vr		
ML11-13	658.30	659.30	C05217	1.00	<.03	8% wt to lg grey qtz vning w 3% fg py diss adj to vns; 1*3 cm qtz-carb vn @25 w 5-7% fg diss py adj + in chl'd fracs		
ML11-13	659.30	660.70	C05218	1.40	<.03	10% wt to lg grey qtz vning; 1-2% fg diss py in groundmass adj to vr		
ML11-13	660.70	661.95	C05220	1.25	<.03	15% wt to lg grey qtz vning w 1-2% fg diss py in groundmass adj to vr		
ML11-13	664.00	665.45	C05221	1.45	<.03	3% wt qtz vning w tr chalco; 2% fg diss py		
ML11-13	667.60	669.00	C05222	1.40	0.069	3% wt qtz vning w tr chalco		
ML11-13	669.00	669.95	C05223	0.95	<.03	contact between diorite/QFP at a 2 cm chl slip @65; adj to contact 2% fg diss py in porphyry		
ML11-13	669.95	671.20	C05224	1.25	<.03	fresh porphyry w 2-3% fg diss py + 1-2% qtz/qtz-carb vning w tr ass p		
ML11-13	675.90	677.25	C05225	1.35	<.03	porphyry transitions back into dk gn 'diorite' with a 1*2 cm chl slip @60 at the conta		
ML11-13	677.25	678.20	C05226	0.95	<.03	*5-7% fn to mg diss py ass w the contact btw QFP/BFP at a chl'd pk to wt dol-ank vn @40; sil'd + chl'd in zones w 1% <1 cm qtz-carb vns @30-40*		
ML11-13	678.20	679.40	C05228	1.20	<.03	fresh bimodal feldspar porphyry		
ML11-13	682.00	683.50	C05229	1.50	<.03	contact between BFP/QFP extremely gradational w 1% fg diss py		
ML11-13	683.50	684.30	C05230	0.80	<.03	QFP alt'd red w red phenos; 2% fg diss py + mg chalco blobs esp ass adj to qtz-carb vns		
ML11-13	686.25	687.20	C05231	0.95	0.069	hly alt'd w sil'd + chl'd zones; 2*2.5 cm wt qtz/pk qtz-ank vns @30-60 w <0.5 cm chalco blobs + adj 2-3% fg diss py esp ass w chl'd zones		
ML11-13	687.20	688.65	C05232	1.45	<.03	hly alt'd w sil'd + chl'd + ser'd zones; chl'd fracs throughout @60 w tr fg py; 1*1 cm chl-carb slip + 1*3 cm chl-ser shear bth @60-70 w adj carb vns w tr py		
ML11-13	688.65	689.90	C05233	1.25	<.03	sil + chl + ser alt; chl'd fracs throughout overprint porphyritic texture;		
ML11-13	689.90	690.85	C05234	0.95	<.03	sil+ chl + ser alt throughout; 1*5 cm wt qtz vn @45 w carb alt along fracs; 2*1-2 cm chl slips @50-55 1 w an adj 2 cm carb-chl vn w adj 1% fg diss py		
ML11-13	693.75	694.65	C05235	0.90	<.03	transition btw clear porphyry/dk green diorite on the ~30 cm scale; hly min'd on contacts w 2-3% fg diss py + chalco blobs		
ML11-13	694.65	696.00	C05236	1.35	<.03	aph dk green fresh diorite w tr wt qtz vning + 1-2% fg diss py + chl fracs w 3% fg py		
ML11-13	699.85	701.35	C05237	1.50	<.03	fresh aph dk green diorite w tr pk ank w 1% fg py + spec hem; 2% fg diss py in chl'd zones + 3-4% diss spec hem/chalco blobs		

Hole_ID	From	To	Sample_#	Length	Au ppm	Description	Au ppm_ck	Au ppm-ck2
ML11-13	701.35	702.85	C05238	1.50	<.03	2% <1 cm pk ank vns + wt qtz-dol vns; 1*1 cm moly-chl slip @65 w an adj carb vn		
ML11-13	702.85	703.95	C05239	1.10	<.03	1*40 cm sil'd zone w 1*10 cm grey to purple qtz vn @65 w 5% moly + 3% adj fg py/chalco		
ML11-13	703.95	705.15	C05241	1.20	<.03	2% mg diss chalco + along wt dol vns		
ML11-13	712.55	714.00	C05242	1.45	<.03	2% pk ank-dol vns @0 w 1-2% mg chalco blobs; 1*0.5 cm chl-dol vn @20 w 2% chalco		
ML11-13	718.60	720.00	C05243	1.40	<.03	sil'd w <0.1 cm py filled fracs; 1*2 cm wt qtz vn @30 + 1*0.4 cm chl-dol vn @0 + 1*0.2 cm dol vn @35 w adj 2 cm w 2-3% fg diss py + py filled fracs		
ML11-13	723.00	724.50	C05244	1.50	<.03	1-2% fg diss py + 1*3 cm wt qtz vn @60 w 2% fg py + adj diss py in chl/sil alt'd zones		
ML11-13	730.85	732.25	C05245	1.40	<.03	red sil + green chl alt throughout to fracs, vns + phenos; 2% fn to mg py along fracs + chalco in chl'd wt qtz vns @35		
ML11-13	741.00	742.40	C05246	1.40	<.03	1*1.5 cm wt qtz vn w an adj chl shear @60 w tr fg p		
ML11-13	742.40	743.40	C05247	1.00	<.03	1-2% chalco along green <0.5 cm chl vns @60-70; 2-3% epd alt throughout as blobs/vı		
ML11-13	747.65	749.15	C05248	1.50	<.03	pk sil alt'd zone w 3% fn to mg diss py + py along fracs+ py/chalco along chl'd carb vr		
ML11-13	753.45	754.95	C05249	1.50	<.03	pk to red sil alt w chl'd phenos/vns + 3% fg diss py; tr py also along <0.2 cm pk ank vns		
ML11-13	754.95	756.00	C05250	1.05	<.03	<0.1 cm py filled hairline fracs +1*1 cm chl'd wt qtz vn @35 w 1% fg py/chalc		
ML11-13	758.60	760.10	C05251	1.50	<.03	2% fg py diss + with mg chalco along qtz-carb vns incl 1*0.5 cm chl'd dol vn @7		
ML11-13	762.20	763.65	C05252	1.45	<.03	transitional contact btw QFP/diorite @35 w epd vns @0 w 1% mg chalc		
ML11-13	768.00	769.40	C05253	1.40	<.03	2% <0.2 cm light green epd vns + <2 cm pk carb vns w 1% cse chalco blot		
ML11-13	770.95	772.40	C05254	1.45	<.03	4% epd alt as stringer vns + blobs; epd + carb vns host 1% mg chalc		
ML11-13	776.50	777.90	C05255	1.40	<.03	2% green epd vning + red carb vning primarily @0 w 2% chalco as blobs ranging up to 2 c		
ML11-13	780.00	781.30	C05256	1.30	<.03	2% green epd vning + red carb vning w 1% chalco; 1*4 cm sil'd zone w 2% fg diss ı		
ML11-13	781.30	782.80	C05257	1.50	<.03	2% epd + carb vning		
ML11-13	782.80	783.75	C05258	0.95	<.03	*1*40 cm sil'd zone w 5% fg diss py/chalco + py along fracs + green chl vning @20*		
ML11-13	783.75	785.20	C05260	1.45	<.03	2*0.5 cm pk carb vns @0-5 w 1% chalco blobs; 1-2% fg diss py adj to vn		
ML11-13	787.10	788.60	C05261	1.50	0.411	2% epd alt as vns + pk carb vns w 1-2% chalc		
ML11-13	788.60	789.85	C05262	1.25	<.03	1% fg diss py; 1*1 cm epd vn @30 w 5% fg diss sulphide		
ML11-13	789.85	790.65	C05263	0.80	<.03	1*35 cm sil'd zone w both carb/chl vns + 2% fg diss py + chalco/py conc along frac		
ML11-13	790.65	791.90	C05265	1.25	<.03	3% fg py conc along fracs + diss in sil'd zones + along tr epd vn		
ML11-13	791.90	792.85	C05266	0.95	<.03	epd + carb vns w 1% chalco/py; 1*2 cm epd vn @75 w an adj sil'd zone w 2% fg diss ı		
ML11-13	792.85	794.35	C05267	1.50	<.03	7% epd alt as vns + blobs throughou		
ML11-13	794.35	795.90	C05268	1.55	0.069	6% epd alt as vns + blobs ; <0.5 cm epd + carb vns host 1% mg chalc		
ML11-13	802.00	803.45	C05269	1.45	<.03	2*0.5 cm pk to wt carb vns @0-20; 1*2.5 cm brecciated qtz-carb vn @20 w tr cse chalco blobs		
ML11-13	803.45	804.50	C05270	1.05	<.03	1% pk to wt carb vns w tr sulphide; 2% fg diss py		
ML11-13	804.50	805.70	C05271	1.20	<.03	1% fg diss py; tr carb vning @0 TCA		
ML11-13	806.50	807.80	C05272	1.30	<.03	2% fg diss py; 1*0.5 cm chl'd carb vn @30 w 3% fg py; 1*0.3 cm carb vn @65 w 5% fg p		
ML11-13	812.70	813.95	C05273	1.25	<.03	1-2% chalco/py conc along fracs + along epd/carb vn		
ML11-13	813.95	815.35	C05274	1.40	<.03	1*0.6 cm carb vn @10 w 2% cse chalco blobs; 1*0.5 cm carb vn @0 w 2% fg py/chalco; hairline py filled fracs		
ML11-13	815.35	816.15	C05275	0.80	<.03	3% fg diss py/chalco ass w a alt zone w 1*3 cm hly chl'd qtz-carb vn @20 + red sil		
ML11-13	820.10	821.40	C05276	1.30	<.03	dk gn aph diorite w 1% whispy <0.5 cm pk carb vns w 3% cse chalco blobs; 1*5 cm qtz-carb vn @0 w adj 3-4% fn to mg diss py/chalco		
ML11-13	823.00	824.10	C05277	1.10	<.03	lightening up green diorite w 2% fg diss py + 1% wt carb vns		
ML11-13	824.10	825.60	C05278	1.50	<.03	entering an alt zone at the begining of a carb-ser-chl shear; tr py along chl'd fracs		
ML11-13	825.60	826.50	C05279	0.90	<.03	*strong chl-ser-carb shear zone @50 w 7*<1 cm wt carb vns + hly chl'd/ser'd fracs hosting 5% fn to mg py + 3% fg diss py*		

Hole_ID	From	To	Sample_#	Length	Au ppm	Description	Au ppm_ck	Au ppm-ck2
ML11-13	826.50	828.00	C05281	1.50	<.03	end of shear alt zone - diorite has transitioned into QFP w pk phenos		
ML11-13	828.00	829.50	C05282	1.50	<.03	1*2 cm wt qtz vn @0 w adj 1% fg diss py; 1*1 cm pk carb vn @35 w adj 2% fg py + cs chalco		
ML11-13	829.50	831.00	C05283	1.50	<.03	dk grey/bk porphyry w wt/lg gn subrounded phenos; chl'd fracs + 1% wt qtz vning w tr py		
ML11-13	831.00	832.30	C05284	1.30	<.03			
ML11-13	832.30	833.40	C05285	1.10	<.03	1*20 cm chl'd carb vn @35 w an adj chl-carb shear zone; 1*30 cm diorite intrusive within porphyritic unit w a sharp contact @45 TCA; 1*0.5 cm wt carb vn @0 w 2% cse chalco blobs		
ML11-13	833.40	834.90	C05287	1.50	<.03	fresh porphyry w 1*1.5 cm subangular gn xenolith; <0.2 cm carb vns		
ML11-13	839.50	840.90	C05288	1.40	<.03	1*1 cm wt qtz vn @35; 1*10 cm chl-carb-ser shear @60		
ML11-13	840.90	842.30	C05289	1.40	<.03			
ML11-13	842.30	843.00	C05290	0.70	<.03	*hly carb alt'd zone w 3-5% fg diss sulphide + sulphide conc along chl'd fracs; 1*1 cm grey qtz vn @75 w 3% mg py*		
ML11-13	843.00	844.25	C05291	1.25	<.03	hly carb alt'd zone w >30% carb vning w brecciated type textures + qtz along the margins; 1-2% fg py ass w vns		
ML11-13	844.25	845.25	C05292	1.00	<.03	1*10 cm wt carb vn @30 w 1% adj fg diss sulphides; 1*2 cm qtz-carb vn w <0.1 cm chl stringers + tr fg diss py		
ML11-13	845.25	846.50	C05293	1.25	*<.03*	1*1 cm grey qtz vn @30 w 1-2% adj fg diss p		
ML11-13	846.50	848.00	C05294	1.50	<.03			
ML11-13	848.00	849.40	C05295	1.40	<.03	1-2% fg diss py/py along chl'd fracs + tr chalco ass w wt carb vn		
ML11-13	849.40	850.80	C05296	1.40	<.03	1 cm chalco blobs ass w a zone w qtz-chl; 1-2% fg diss py + conc along frac		
ML11-13	850.80	852.20	C05297	1.40	<.03	fresh feldspar porphyry w 2% fg py diss + along chl'd fracs		
ML11-13	856.20	857.45	C05298	1.25	<.03	1*2 cm qtz-carb vn @30 w chl alt; 1*3 cm dol vn @10 surrounded by large chl'd zones; tr chalc blobs ass w vns		
ML11-13	863.00	864.30	C05299	1.30	<.03	1*3 cm grey qtz vn @0; 1*1 cm chl'd qtz-carb vn @30 w 1*0.5 cm chalco blo		
ML11-13	866.65	868.10	C05300	1.45	<.03	hly alt'd w whispy ser + chl alt along fracs; tr diss chalc		
ML11-13	868.10	869.60	C05301	1.50	<.03	hly alt'd w whispy ser + chl fracs within a pk sil groundmass		
ML11-13	869.60	870.85	C05302	1.25	<.03	alt'd w whispy ser + chl alt along fracs; 1*1 cm chl'd qtz vn @55 w 2% chalco + adj fg py; 1*1 cr green subangular chl clast		
ML11-13	870.85	872.35	C05303	1.50	<.03	hly alt'd w whispy ser+ chl alt along fracs; appears slightly sheared @60 TC		
ML11-13	878.30	879.45	C05304	1.15	<.03	2% chalco/py ass w wt to pk carb vns incl 1*1.5 cm chl'd carb vn @45 w 2% mg p		
ML11-13	880.90	882.35	C05305	1.45	<.03	1*10 cm diorite intrusion in QFP w sharp contacts @70; 1% fn to mg sulphide along carb vr		
ML11-13	882.35	883.80	C05306	1.45	<.03	1*2 cm grey qtz vn @35 w adj chl alt w 1% fg py; 1*2 cm chl'd carb vn @45		
ML11-13	883.80	885.30	C05308	1.50	<.03	1-2% fg diss py; chl + ser alt'd fracs throughout + 1% qtz/carb vning		
ML11-13	889.85	891.25	C05309	1.40	<.03	2*1 cm chl'd qtz-carb vns @25-35 w tr mg py + chalco blob		
ML11-13	891.25	892.70	C05310	1.45	<.03	4*<1.5 cm chl'd qtz-carb/carb vns @20-35 w 1% chalco blob		
ML11-13	894.95	895.85	C05311	0.90	<.03	2% fg diss py adj to 1*1 cm grey qtz vn @(		
ML11-13	895.85	897.00	C05312	1.15	<.03	1*0.5 cm grey qtz vn @0; 2% fg diss py + py conc along chl'd frac		
ML11-13	897.00	898.00	C05313	1.00	<.03	1*0.2 cm chl slip @35		
ML11-13	900.00	901.10	C05314	1.10	<.03	3% fg diss py + py conc along chl'd fracs + py conc along qtz/carb vn margir		
ML11-13	903.00	904.15	C05315	1.15	<.03	2*<1.5 cm pk carb vns @30 w tr ass fg py; up to 2 cm dk green chl'd zones w no phen(		
ML11-13	906.30	907.30	C05316	1.00	<.03	1% pk carb vning incl 1*0.5 cm carb vn @15 w 1-2% chalc		
ML11-13	908.80	909.90	C05317	1.10	<.03	1*10 cm diorite intrusion in QFP w sharp contacts @8(		
ML11-13	911.40	912.45	C05318	1.05	<.03	1*2 cm grey qtz vn @30		
ML11-13	915.10	916.55	C05319	1.45	<.03	2% chalco + py conc along chl'd fracs/carb vn		
ML11-13	916.55	918.00	C05320	1.45	<.03	1*1.5 cm qtz-carb vn @20 w adj 3 cm chl alt zones + tr diss py; chalco blobs also ass w vr		

Hole_ID	From	To	Sample_#	Length	Au ppm	Description	Au ppm_ck	Au ppm-ck2
ML11-13	921.00	922.00	C05321	1.00	<.03	fresh porphyry w 1*1 cm qtz-carb vn @65 w chl clasts; large chl clasts up to 6 cm adj to vr		
ML11-13	925.60	926.55	C05322	0.95	<.03	porphyry chl'd w gn phenocrysts; 1*1 cm hly chl'd qtz-carb vn @35 w tr chalco blobs + an adj moly-chl slip		
ML11-13	926.55	927.90	C05324	1.35	<.03	hly chl'd w glassy lg gn phenos + dk gn phenos; faces all chl slips @50 w 2% chalco blobs		
ML11-13	927.90	929.40	C05325	1.50	<.03	hly chl'd w dk gn phenos + occasional wt phenos; <0.3 cm qtz-carb vns @30-80; 1-2% diss py/chalco esp ass w chl slips @50		
ML11-13	930.70	931.90	C05326	1.20	<.03	1*4 cm glassy qtz pheno adj to 1*1 cm qtz-carb vn @40 w 2% cse chalco + chl a		
ML11-13	931.90	933.00	C05327	1.10	<.03	chl alt along fracs + adj to qtz-carb vning; 1*1 cm qtz-carb vn @4		
ML11-13	936.00	937.30	C05328	1.30	<.03	1*2 cm chl clast + chl filled fracs; 1-2% <0.5 cm qtz-carb vns @45-6		
ML11-13	937.30	938.70	C05329	1.40	0.069	chl/ser alt along fracs + adj to qtz-carb vning; phenos become chl'd; 1% chalco in v		
ML11-13	938.70	940.00	C05330	1.30	<.03	chl filled fracs w tr py; 1*0.2 cm chl slip @4		
ML11-13	940.00	941.50	C05331	1.50	<.03	light grey matrix w 2-3% carb vns @>35; chl'd zones + chl filled fracs througho		
ML11-13	941.50	942.40	C05332	0.90	0.069	4% cse chalco in >1 cm blebs ass w pk to wt ank-dol vns; chl filled fracs througho		
ML11-13	942.40	943.30	C05334	0.90	<.03	1*8 cm subangular chl clast w radiating chl filled fracs; slightly sil'd w 2% qtz/carb vns + 1% fg diss py		
ML11-13	943.30	944.10	C05335	0.80	<.03	1*3 cm qtz-carb vn @80 w ser alt + 1% chalco; 1*10 cm sil'd/chl'd zone w <0.2 cm whispy carb vns + 3% fn to mg diss hem/py/chalco		
ML11-13	944.10	945.20	C05336	1.10	<.03			
ML11-13	945.20	946.60	C05337	1.40	<.03	tr diss spec hem; <1 cm qtz/qtz-carb vns @45-5		
ML11-13	946.60	948.00	C05338	1.40	<.03	chl'd in zones + along edges of qtz/qtz-carb vns + conc along frac		
ML11-13	948.00	949.25	C05339	1.25	<.03			
ML11-13	949.25	949.80	C05340	0.55	<.03	begining of light green alt zone, sheared @45 w ser/chl alt esp along fracs; 2*2 cm qtz vns @50-55 w tr py + 1% fg py diss		
ML11-13	949.80	950.40	C05341	0.60	<.03	alt zone continues w ser/chl alt along fracs + 3% fg diss py; 2-3% <0.4 cm wt carb vning + grey qtz vns w 2% ass fg py		
ML11-13	950.40	951.00	C05342	0.60	<.03	alt zone continues w ser/chl alt along fracs + <0.5 cm fuschitic clasts; 2*<2 cm qtz-carb vns @75 w 2% adj fg diss py		
ML11-13	951.00	951.65	C05343	0.65	<.03	end of green alt zone w bleached tan matrix, sil'd in zones w 2% spec hem diss/along fracs; qtz-carb vning w ass 1% chalco blobs; 2*<3 cm qtz-carb vns @55-60 w 2% chalco + moly + adj ser/chl alt along fracs		
ML11-13	951.65	952.90	C05345	1.25	<.03	moving out of sheared light green alt zone; hly porphyritic texture w subrounded glassy <0.5 cm phenos; 2*0.5 cm hly hem'd qtz-carb vns @15 w 1-2% chalco		
ML11-13	952.90	954.00	C05346	1.10	<.03	2-3% diss spec hem + hem conc along fracs + hem'd carb vns; 1*3 cm chl'd zone w crosscutting carb vning 1-2% diss hem + py		
ML11-13	954.00	955.35	C05347	1.35	<.03	1*5 cm lime green qtz-chl xenolith?; 2 cm blebs of moly along broken ends of core; <0.5 cm carb v @25 w spec hem; ser alt conc along fracs		
ML11-13	955.35	956.45	C05348	1.10	<.03	hly ser'd/chl'd in groundmass/along fracs; <0.5 cm carb vns @0-10 w 1-2% hem + py; 1*0.5 cm gre qtz vn @15 w 1% chalco blebs; 1*3 cm chl'd zone w 1-2% fg diss py		
ML11-13	956.45	957.50	C05349	1.05	<.03	<1 cm fuschitic clasts; alt'd w chl/ser/hem filled fracs, as alt along grey qtz/pk to wt carb vr		
ML11-13	957.50	958.75	C05350	1.25	<.03	<0.5 cm qtz-carb vns w moly; 1-2% fg diss py throughout; transitioning to fresher dk grey porphyry		
ML11-13	958.75	960.15	C05351	1.40	<.03	fresh dk grey porphyry w <0.5 cm subrounded light green to wt phenos; 1-2% diss fg		
ML11-13	960.15	961.65	C05352	1.50	<.03	fresh dk grey to red porphyry w 2-3% <0.5 carb (+/- qtz) vning + occ chl'd fracs w tr fg diss py		
ML11-13	961.65	963.05	C05353	1.40	<.03	fresh dk grey to red porphyry w 1*0.5 cm qtz-carb vn @35 w moly alt + tr chal		

Hole_ID	From	To	Sample_#	Length	Au ppm	Description	Au ppm_ck	Au ppm-ck2
ML11-13	963.05	964.45	C05354	1.40	<.03	transition to alt'd porphyry w chl alt + carb alt in zones; ser'd + chl'd along fracs; 1-3% fg diss py + py ass w vns/conc along fracs		
ML11-13	964.45	965.35	C05355	0.90	<.03	continued alt zone w ser/chl alt'd fracs; 1*1 cm qtz-carb vn @40 w blk qtz stringers + 1% mg py; 1*0.3 cm grey qtz vn @30 w 2% purple moly + fg py		
ML11-13	965.35	966.00	C05356	0.65	<.03	<1 cm fuschitic clasts; ser + chl alt throughout; 2*0.4 cm blk qtz vns @50-55 w 2-3% fg py in vn + adj in slightly sheared groundmass		
ML11-13	966.00	966.50	C05357	0.50	<.03	*1*25 cm zone w >60% grey qtz vning @45-55 w 5-8% sulphide as ser'd/chl'd py filled fracs + diss py + chalco blobs; vn hosted in light green shear zone @45-50*		
ML11-13	966.50	967.30	C05359	0.80	0.274	alt zone continues w 3% qtz-carb vning @35-55 incl 1*2.5 cm qtz vn w both wt and blk qtz + 1% cse chalco blebs + 2-3% fg diss py in adj ser/chl sheared alt zone		
ML11-13	967.30	968.30	C05360	1.00	<.03	ser/chl alt + qtz-carb vning w ass 1-2% chalco blebs; 1*37 cm zone where porphyrytic texture has been wiped out by heavy chl/ser alt - dk grey <3 cm zones of porphyry visible btw alt		
ML11-13	968.30	969.30	C05361	1.00	<.03	<1 cm fuschitic clasts; 1*2 cm chl/ser alt'd qtz vn @30 w 2% chalco blebs		
ML11-13	969.30	970.30	C05362	1.00	<.03	<1 cm fuschitic clasts + hly ser'd/chl'd along fracs; 2% wt carb vning		
ML11-13	970.30	971.30	C05363	1.00	<.03	<1 cm fuschitic clasts + 1% chalco blebs; hem filled fracs; 1*1 cm carb vn @50 w adj ser alt + 1% hem/chalco blebs		
ML11-13	971.30	972.30	C05364	1.00	<.03	1*12 cm green chl/ser/fuschite alt zone with a contact @55; 1% mg diss py		
ML11-13	972.30	973.20	C05365	0.90	<.03			
ML11-13	973.20	974.15	C05366	0.95	<.03	start of ser-chl shear zone @45; 1*4 cm subrounded fuschite clast; tr chalco blobs + 5*0.3-1 cm wt carb vns @45		
ML11-13	974.15	975.00	C05367	0.85	<.03	As described in 973.20 to 974.15; ser-chl shear zone continues w 4% wt carb vning + tr grey qtz vning @45; 2% fg diss py + chalco blebs; tr subrounded <0.5 cm fuschite clasts		
ML11-13	975.00	976.10	C05369	1.10	<.03	As described in 973.20 to 974.15; less sheared but still alt'd by chl-ser; minimal carb(+/- qtz) vning		
ML11-13	976.10	977.00	C05370	0.90	<.03	As described in 973.20 to 974.15; <0.5 cm fuschitic clasts + <0.6 cm glassy to brown phenos		
ML11-13	977.00	978.00	C05371	1.00	<.03	As described in 973.20 to 974.15; 1-2% fg diss py		
ML11-13	978.00	978.90	C05372	0.90	<.03	As described in 973.20 to 974.15; end of shear zone w chl'd slips @45; 1*4 cm grey qtz vn @40 w blk fracs filled w 3% py; 1*2 cm qtz vn @45 w an adj 4 cm strong chl/ser shear		
ML11-13	978.90	979.80	C05373	0.90	<.03	no longer sheared w 2-3% fn to mg diss py + 1*1 cm grey qtz vn @40; 2-3% hem along <0.4 cm qtz-carb vns + 1*0.3 cm wt qtz vn @40 w strong blk stringer w 2% fg py		
ML11-13	979.80	980.40	C05374	0.60	<.03	*1*1.5 cm grey qtz vn @0 for 20 cm w ass blk qtz within a qtz-carb zone of vn + 2% adj fg py + cse chalco blebs; 2-3% spec hem ass w qtz/qtz-carb vns; transition to fresh porphyry*		
ML11-13	980.40	981.70	C05375	1.30	<.03	fresh dk grey to red green porphyry w subrounded <0.4 cm wt to light green phenos; 2% pink carb-qtz vns @0-40 w 1-2% cse chalco blebs + spec hem; chl'd in zones		
ML11-13	981.70	983.15	C05376	1.45	0.206	2-3% diss spec hem; 1*4 cm wt qtz vn @45 w chl'd fracs w 2% fg py; 1*1 cm pk qtz-carb vn @40 w 1% spec hem + tr chalco blebs		
ML11-13	983.15	984.00	C05377	0.85	<.03	hly chl'd w <0.4 cm pk qtz-carb vns + <0.2 cm fracs both w 2-3% fg py; BC near end of sample w 3-5% chalco blebs + fn to cse diss py incl 1*2 cm zone w pk qtz-carb vning and adj 5% diss fg to cse euh py		
ML11-13	984.00	985.15	C05378	1.15	<.03	1% <0.8 cm pk qtz-carb vning + grey qtz vning w 2% spec hem + tr chalco/py; 4*<3 cm chl clasts		
ML11-13	985.15	985.90	C05379	0.75	<.03	1*0.5 cm fracture w 8% ass chalco as blebs + conc directly along frac + 2% adj fg diss chalco		

Hole_ID	From	To	Sample_#	Length	Au ppm	Description	Au ppm_ck	Au ppm-ck2
ML11-13	**985.90**	**987.30**	**C05380**	**1.40**	**0.617**	**2% pk qtz-carb vning w adj chl alt + 2% spec hem/chalco/py; 1*0.2 cm chalco filled frac**		
ML11-13	**987.30**	**987.85**	**C05381**	**0.55**	**4.012**	**1*30 cm zone w 70% wt to lg grey qtz vning w 15% chalco as blebs + along chl'd fracs**	4.320	3.703
ML11-13	987.85	988.70	C05383	0.85	0.343	fresh porphyry w 1*10 cm intrusion @45 TCA of a dk gn chl'd porphyry w blk phenos		
ML11-13	988.70	989.80	C05384	1.10	<.03	fresh porphyry w clear <0.5 cm glassy lg gn to wt phenos + chl alt in clasts + 1*1 cm grey qtz vn @65		
ML11-13	989.80	990.65	C05385	0.85	0.206			
ML11-13	990.65	991.60	C05386	0.95	1.783	*3-5% fn to mg diss + frac filled py esp ass w chl alt'd zones; 1*2 cm grey to wt qtz vn @35 w 1*20 cm zone of adj pk carb vning @0 w both vns containing 3-5% fg py along fracs + chalco blebs ranging up to 0.5 cm*	1.920	1.646
ML11-13	991.60	992.80	C05387	1.20	0.480	2*1.5 cm grey qtz vns @20-50 w 1-2% fn to mg chalco + py		
ML11-13	992.80	993.85	C05388	1.05	0.274	1*45 cm qtz-chl-carb alt zone w >30% hly chl'd qtz-carb vning; <1% fg py along fracs		
ML11-13	993.85	994.85	C05389	1.00	0.069	1*1.5 cm qtz vn @0 for 30 cm w <1% chalco blebs		
ML11-13	994.85	995.90	C05390	1.05	<.03	3*<1 cm grey qtz vns @30-40 w 1% fg py; 1*0.2 cm grey to bk qtz vn @0 w tr chalco blebs		
ML11-13	995.90	997.30	C05391	1.40	<.03	1-2% fg diss py + py conc along fracs'		
ML11-13	997.30	998.30	C05392	1.00	<.03	2*1 cm pk carb vns @25-40 w adj zones of chl alt + tr chalco blebs; chalco blebs also ass w <1 cm qtz/qtz-carb vns w ass chl alt		
ML11-13	998.30	999.40	C05393	1.10	<.03			
ML11-13	999.40	1000.75	C05394	1.35	<.03	*1*1.5m long wt to light grey qtz vn @0-10 w heavy chl alt + 1-2% py/chalco blebs; porphyry matrix light red + completely sil'd*		
ML11-13	1000.75	1001.65	C05396	0.90	2.469	2*1-5 cm hly chl'd wt to pk qtz-carb vns @20-35 w 2% mg py + chalco blebs; py also conc along <0.2 cm fracs	2.194	2.743
ML11-13	1001.65	1002.75	C05397	1.10	0.274	*1*40 cm zone w >40% wt qtz vning; 3% spec hem diss + ass w carb vns; py conc along chl'd <0.2 cm fracs*		
ML11-13	1002.75	1003.40	C05398	0.65	<.03			
ML11-13	1003.40	1004.30	C05399	0.90	<.03	1-2% fg diss py; <0.5 cm glassy to chl'd green subrounded phenos		

Hole_ID	From	To	Sample_#	Length	Au ppm	Description	Au ppm_ck	Au ppm-ck2
BG11-34	**8.60**	**9.30**	**C3142**	**0.70**	**0.549**	wy hem'd; 2% cse d py locy conc; @80		
BG11-34	12.30	13.00	C3143	0.70	0.137	0.1m bull qv @70 w 10% chl+10% ank		
BG11-34	27.50	29.10	C3144	1.60	<.03	1/2" q-ank vn w 15% cse d py@40; 0.3m wy hem'd@75		
BG11-34	29.10	30.20	C3145	1.10	0.137	1/4" q-ank vn w 25% cse d py@30		
BG11-34	30.20	31.20	C3146	1.00	0.206	3* 1/8" 70% cse py vn's@30-60		
BG11-34	**31.20**	**32.20**	**C3147**	**1.00**	**0.617**	**1" dk gy chl-sil qv@53 w 10% cp+5% spec/moly+10% cse d py; 0.5m dull wt qv @38 w 10% cp+15% spec/moly+10% cse d py; 0.15m pa gy sil@46**	**re-assay pulp & reject fo**	
BG11-34	32.20	33.00	C3149	0.80	0.206	1/8" blk chl-sil vn@57 w 5% f d py; extremely sil'd		
BG11-34	33.00	33.55	C3150	0.55	0.411	wy hem'd w 0.15m dull wt qv-sil@37 w 10% cse d py; 1/2" med gy-brn sil vn w 10% cse d py@32		
BG11-34	33.55	35.00	C3351	1.45	<.03			
BG11-34	35.00	36.00	C3352	1.00	0.069	0.2m mody sil'd@35 w 15% cse d py+ser'n		
BG11-34	36.00	37.50	C3354	1.50	<.03			
BG11-34	37.50	38.80	C3355	1.30	<.03			
BG11-34	38.80	39.75	C3356	0.95	<.03			
BG11-34	39.75	40.80	C3357	1.05	0.069	wy hem'd w chl fract's+hily sil'd w 5% cse d py@55		
BG11-34A	**8.80**	**10.00**	**C3358**	**1.20**	**0.960**	**8% py vn's in extremely sil'd por @27; "seam" imm prec by GC**		
BG11-34A	10.70	11.85	C3359	1.15	<.03	"2' seam" @10.0-10.7		
BG11-34A	11.85	12.80	C3360	0.95	0.069	1/4" 50% cse py vn@30 cuts ank vn's@110		
BG11-34A	12.80	14.30	C3361	1.50	0.069			
BG11-34A	14.30	15.70	C3362	1.40	<.03			
BG11-34A	15.70	17.15	C3363	1.45	<.03			
BG11-34A	17.15	18.15	C3364	1.00	<.03	red carb on fract@10		
BG11-34A	18.15	19.85	C3365	1.70	<.03			
BG11-34A	19.85	21.10	C3366	1.25	<.03			
BG11-34A	21.10	21.85	C3367	0.75	<.03	1" q-ank-chl vn w 20% cse d py@43 in hily sil'd 0.2m		
BG11-34A	21.85	22.65	C3368	0.80	<.03			
BG11-34A	22.65	23.80	C3369	1.15	0.069	1/8"-1/4" 30% cse py vn@32 in sil'd por		
BG11-34A	23.80	25.20	C3370	1.40	<.03			
BG11-34A	25.20	26.00	C3371	0.80	0.206	1/2" hily sil'd w 5% cse d py@45 imm foll by 1/4" wt qv		
BG11-34A	26.00	27.40	C3372	1.40	0.069			
BG11-34A	27.40	28.45	C3373	1.05	0.069	1" hily sil'd w 10% cse d py+20% chl@30+150		
BG11-34A	28.45	29.65	C3374	1.20	<.03			
BG11-34A	29.65	30.75	C3375	1.10	<.03			
BG11-34A	30.75	31.65	C3376	0.90	0.206	hily sil'd w 3* 20% cse py fract's assd w chl@46		
BG11-34A	31.65	32.65	C3378	1.00	0.343	hily sil'd w 2* 20% cse py fract's assd w chl@46; 1" blk chl-sil w 2% cse d py		
BG11-34A	32.65	33.90	C3379	1.25	0.069	hily sil'd w 3* 20% cse py fract's assd w chl@46; 1" hily sil'd w assd chl+20% cse d py@30		
BG11-34A	33.90	35.05	C3380	1.15	0.069			
BG11-34A	35.05	36.00	C3381	0.95	<.03	wy hem'd; hily sil'd w 3* 1/8" chl-sil fract's w 10% cse d py@55		
BG11-34A	36.00	36.80	C3382	0.80	<.03	0.2m hily sil'd w 10% dk gy sil vn's@30 w rare py		
BG11-34A	36.80	37.55	C3383	0.75	<.03			
BG11-34A	37.55	39.00	C3384	1.45	0.137	4* 1/8" 60% cse py vn's@20-40; 0.1m dull wt qv w 20% ank@45		
BG11-34A	39.00	40.50	C3385	1.50	<.03			
BG11-34A	40.50	42.00	C3386	1.50	<.03			
BG11-34A	42.00	42.75	C3387	0.75	0.137	3* 1/4" 70% cse py vn's@70 in extremely sil'd por w 10% cse d py		
BG11-34A	42.75	43.80	C3388	1.05	0.137	3% 1/8" chl-py vn's@60; hily bl'd		
BG11-34A	43.80	44.80	C3389	1.00	0.069			
BG11-34A	44.80	45.85	C3390	1.05	0.343			
BG11-34A	45.85	46.85	C3391	1.00	6.686	first 0.2m hily sil'd w 8% cse d py; wy hem'd; 0.15m pa gy qv in cr'd pk v hily bl'd por- imm foll by flt; @45+71 w 45% cse d +bleb py+30% dk gy sil-chl	6.994	6.377
BG11-34A	46.85	48.10	C3392	1.25	0.069	v hily bl'd; 5% cse d py; flt		
BG11-34A	**48.10**	**49.00**	**C3393**	**0.90**	**0.960**	0.1m pkish q-ank@57-no py imm foll by 0.35m hily shr'd w ser'n+1/2" dk gy qv w 15% cse d py+ w 5* 1/8"-3/4" 70% cse d py in med gy qv's-all@56 assd w wk hem'n; BC locy		

Hole_ID	From	To	Sample_#	Length	Au ppm	Description	Au ppm_ck	Au ppm-ck2
BG11-34A	49.00	49.95	C3395	0.95	0.206	1/8" 50% cse py vn@40 in hily sil'd		
BG11-34A	49.95	51.00	C3396	1.05	0.206			
BG11-34A	51.00	52.20	C3397	1.20	<.03			
BG11-34A	52.20	53.70	C3398	1.50	<.03			
BG11-34A	53.70	55.05	C3399	1.35	<.03			
BG11-34A	55.05	56.35	C3400	1.30	<.03			
BG11-34A	56.35	57.30	C3402	0.95	0.274	ct; dio w 2-5% cse d py locy conc; BC		
BG11-34A	57.30	58.20	C3404	0.90	0.411	5-10% cse d py locy conc; BC		
BG11-34A	**58.20**	**58.80**	**C3405**	**0.60**	**0.754**	5-10% cse d py locy conc; BC		
BG11-34A	58.80	59.50	C3406	0.70	0.274	2-5% cse d py locy conc; BC		
BG11-34A	59.50	60.25	C3407	0.75	1.955	10-15% cse d py locy conc centred on 1/2" 70% cse py vn@53 on flt; BC	1.783	2.126
BG11-34A	60.25	61.20	C3408	0.95	1.098	2-5% cse d py locy conc; BC	1.166	1.029
BG11-34A	61.20	62.00	C3409	0.80	0.069	2-5% cse d py locy conc; BC		
BG11-34A	**62.00**	**63.00**	**C3410**	**1.00**	**0.617**	0.4m wy bl'd w 10% cse d py@72		
BG11-34A	63.00	64.30	C3411	1.30	0.069			
BG11-34A	64.30	65.10	C3412	0.80	<.03	1/8" bull dull wt qv@79 in 0.2m 5% leuco		
BG11-34A	66.00	66.00	C3413	0.00	<.03			
BG11-34A	73.55	66.70	C3414	-6.85	<.03	0.2m 15% leuco assd w epi		
BG11-34A	66.70	68.10	C3415	1.40	<.03	0.1m 50% epi w 15% cse d py@75		
BG11-34A	68.10	69.50	C3416	1.40	<.03			
BG11-34A	69.50	70.80	C3417	1.30	<.03			
BG11-34A	70.80	72.10	C3418	1.30	<.03			
BG11-34A	72.10	73.55	C3419	1.45	<.03			
BG11-34A	73.55	74.50	C3420	0.95	<.03	0.05m 30% epi w 1/8" bull q-ank vn+2*1/8" med gy +dk gy qv w 15% cse d py@80		
BG11-34A	74.50	75.75	C3421	1.25	<.03			
BG11-34A	75.75	77.20	C3422	1.45	<.03			
BG11-34A	77.20	78.30	C3424	1.10	0.069			
BG11-34A	78.30	79.05	C3425	0.75	1.475	0.1m 70% cse py vn@67; several 1/8" py vn's	1.303	1.646
BG11-34A	79.05	79.90	C3426	0.85	<.03			
BG11-34A	**79.90**	**80.70**	**C3427**	**0.80**	**0.686**	1" 40% cse py vn assd w ser-epi; 0.1m 60% cse py vn imm prec by 3/4" dk gy qv-all@43		
BG11-34A	**80.70**	**81.55**	**C3428**	**0.85**	**12.995**	**0.4m hily sil'd+ bl'd w 20% leuco+ 55% cse d py@50 assd w chl veis@110**	**15.497**	**10.492**
BG11-34A	81.55	82.50	C3430	0.95	<.03	2* 1/4" 60% cse py vn's@60		
BG11-34A	82.50	83.60	C3431	1.10	<.03			
BG11-34A	83.60	84.75	C3432	1.15	<.03			
BG11-34A	**84.75**	**85.50**	**C3433**	**0.75**	**0.823**	2* 1/4"wt-pa gy qv's w 10% cse d py@77 assd w epi-ser		
BG11-34A	85.50	87.00	C3434	1.50	<.03			
BG11-34A	87.00	88.50	C3435	1.50	<.03			
BG11-34A	88.50	90.00	C3436	1.50	<.03			
BG11-34A	90.00	91.50	C3437	1.50	<.03			
BG11-34A	91.50	92.45	C3438	0.95	<.03			
BG11-34A	92.45	93.30	C3439	0.85	<.03	1.5" bull q-ank dirty vn@20		
BG11-34A	93.30	94.40	C3440	1.10	<.03	0.2m TW q-ank bull vn@10-30-no py		
BG11-34A	94.40	95.60	C3441	1.20	<.03			
BG11-34A	95.60	96.50	C3442	0.90	<.03			
BG11-34A	96.50	97.15	C3443	0.65	<.03	1" ser-epi w 30% cse d py@72		
BG11-34A	97.15	97.60	C3444	0.45	<.03			
BG11-34A	97.60	99.00	C3445	1.40	<.03			
BG11-34A	99.00	100.50	C3446	1.50	<.03	5-10% cse d+vn py@45 assd w epi-ser		
BG11-34A	**100.50**	**102.00**	**C3448**	**1.50**	**0.686**	**2-3% cse d+vn py@45 assd w epi-ser**		
BG11-34A	102.00	103.10	C3449	1.10	1.955		1.783	2.126
BG11-34A	103.10	104.40	C3450	1.30	1.920	2* 0.1m 5% leuco+5% cse d py assd w epi@50	2.194	1.646
BG11-34A	104.40	105.15	C3451	0.75	3.600	0.1m 20% leuco+10% cse d py centred on 1/2" chl-sil dk gy vn w 30% cse d py@26	3.291	3.909

Hole_ID	From	To	Sample_#	Length	Au ppm	Description	Au ppm_ck	Au ppm-ck2
BG11-34A	**105.15**	**106.70**	**C3452**	**1.55**	**5.417**	**30% epi-ser+10-30% cse d py @10-40 assd w 15% leuco**	**5.143**	**5.691**
BG11-34A	106.70	107.85	C3454	1.15	0.926	1/8" wt qv in 3/4" ser-epi w 15% cse d py@42	1.029	0.823
BG11-34A	107.85	108.65	C3455	0.80	1.715	0.1m hily bl'd wy sil'd w 10% cse d py@64+ w 10% leuco	1.920	1.509
BG11-34A	108.65	109.30	C3456	0.65	2.297	1" epi-ser w 15% cse d py@27 assd w 1/4" q-ank vn	2.537	2.057
BG11-34A	109.30	110.10	C3457	0.80	<.03			
BG11-34A	110.10	111.00	C3458	0.90	3.532	1" epi-ser w 5% cse d py@59	3.223	3.840
BG11-34A	111.00	112.50	C3459	1.50	0.411	4* 1/4"-1/2" epi-ser+5% cse d py		
BG11-34A	112.50	114.00	C3460	1.50	0.343			
BG11-34A	114.00	115.50	C3461	1.50	0.069			
BG11-34A	115.50	117.00	C3462	1.50	0.137			
BG11-34A	117.00	118.00	C3463	1.00	2.366	0.4m wy bl'd+sil'd ser-epi w 10% cse d py@66	2.331	2.400
BG11-34A	118.00	118.95	C3464	0.95	0.206			
BG11-34A	118.95	119.80	C3465	0.85	<.03			
BG11-34A	119.80	120.80	C3466	1.00	3.154	hily bl'd+sil'd buff-br w 15-25% cse d py centred on 1/2" dull wt qv+1/2" dk gy chl-sil -both w 10% cse d py+3% spec/moly@75+42-all ending @slip in BC imm prec by 0.1m q-ank 80% bx	3.154	3.154
BG11-34A	120.80	121.60	C3468	0.80	0.480	0.2m 20% leuco w 1" dull wt qv w 15% cse d py in both@78		
BG11-34A	121.60	122.50	C3469	0.90	<.03	0.2m ser-epi w 20% q-ank+5% cse d py@		
BG11-34A	122.50	123.90	C3471	1.40	<.03			
BG11-34A	123.90	124.70	C3472	0.80	<.03			
BG11-34A	124.70	125.60	C3473	0.90	<.03	flt in BC imm prec by 0.1m hily bl'd+1% cse d py+20% magn blebs		
BG11-34A	134.20	135.40	C3474	1.20	<.03			
BG11-34A	135.40	136.10	C3475	0.70	0.411	flt imm prec by 0.3m 30% carb-ank+pur hue +1% cse d py @67		
BG11-34A	136.10	136.90	C3476	0.80	<.03			
BG11-34A	149.60	151.00	C3477	1.40	<.03	15% carb med-pa gy; 2% cse d py locy conc		
BG11-34A	151.00	151.75	C3478	0.75	0.069	flt imm prec by 0.1m q-ank vn		
BG11-34A	151.75	152.60	C3479	0.85	0.480	middle 0.2m inc'g bl'd+alb'd? br-buff w rare py imm foll by (ending on) flt		
BG11-34A	152.60	153.35	C3480	0.75	0.343	1/8" 50% cse py vn@30; ct imm prec by 0.1m hily bl'd+sil'd w 4% cse d py		
BG11-34A	153.35	154.10	C3481	0.75	<.03			
BG11-34A	154.10	154.75	C3482	0.65	<.03	flt w 1/4" chl-blk no py		
BG11-34A	170.60	171.10	C3483	0.50	<.03	1/2" vuggy wt q vn w 10% cp @25		
BG11-34A	174.70	175.40	C3484	0.70	<.03	flt imm foll by 1/4" 2% cse d py		
BG11-34A	175.40	176.50	C3485	1.10	<.03			
BG11-34A	176.50	177.50	C3486	1.00	<.03	hem'd mody		
BG11-34A	177.50	178.30	C3487	0.80	<.03	hem'd mody; 1" ser-chl w 15% cse d py imm foll by 1/4" 70% cse py vn-all@46; alt'n centred on str flt-poss BRK- imm foll by 3/4" q-ank; 5% cse d py in sample outside of vn's		
BG11-34A	178.30	179.20	C3489	0.90	<.03			
BG11-34A	183.15	184.60	C3490	1.45	<.03	1" vuggy wt qv w 5% spec+ 1% cse d py@2-10		
BG11-34A	190.50	191.20	C3491	0.70	<.03	wy bl'd		
BG11-35	7.80	9.00	C06528	1.20	<.03			
BG11-35	9.00	10.50	C06529	1.50	<.03			
BG11-35	10.50	12.00	C06530	1.50	<.03			
BG11-35	12.00	13.50	C06531	1.50	<.03			
BG11-35	13.50	14.45	C06532	0.95	<.03			
BG11-35	**14.45**	**15.00**	**C06533**	**0.55**	**0.686**	**1/4" 50% cse py vn @30**		
BG11-35	15.00	16.50	C06534	1.50	<.03			
BG11-35	16.50	18.00	C06535	1.50	<.03			
BG11-35	18.00	19.50	C06536	1.50	<.03			
BG11-35	19.50	21.00	C06537	1.50	<.03			
BG11-35	21.00	22.50	C06538	1.50	<.03			
BG11-35	22.50	23.40	C06539	0.90	<.03			
BG11-35	**23.40**	**24.50**	**C06540**	**1.10**	**0.960**	**1" chl'd w 20% cse d py@33; 0.1m wy bl'd+sil'd w 30% cse d +vn py @33 w 5% chl-sil**		
BG11-35	24.50	25.50	C06541	1.00	<.03			

Hole_ID	From	To	Sample_#	Length	Au ppm	Description	Au ppm_ck	Au ppm-ck2
BG11-35	25.50	27.00	C06542	1.50	<.03			
BG11-35	27.00	28.50	C06543	1.50	<.03			
BG11-35	**28.50**	**30.00**	**C06544**	**1.50**	**0.411**	**1/4" 40% cse py vn@47**		
BG11-35	30.00	30.60	C06545	0.60	<.03			
BG11-35	30.60	31.35	C06546	0.75	0.069	3/4" 80% cse py vn@32		
BG11-35	31.35	32.20	C06548	0.85	<.03			
BG11-35	32.20	33.00	C06549	0.80	<.03			
BG11-35	33.00	34.50	C06550	1.50	<.03			
BG11-35	34.50	36.00	C06551	1.50	<.03			
BG11-35	36.00	37.50	C06552	1.50	<.03			
BG11-35	37.50	39.00	C06554	1.50	<.03			
BG11-35	39.00	40.50	C06555	1.50	<.03			
BG11-35	40.50	42.00	C06556	1.50	<.03			
BG11-35	42.00	43.50	C06557	1.50	<.03			
BG11-35	43.50	45.00	C06558	1.50	<.03			
BG11-35	45.00	46.50	C06559	1.50	<.03			
BG11-35	46.50	48.00	C06560	1.50	<.03			
BG11-35	48.00	49.50	C06561	1.50	<.03	slip assd w 10% q-ank+3% cse d py		
BG11-35	49.50	51.00	C06562	1.50	<.03	4* 1/2" bull q-ank vn's @35		
BG11-35	51.00	52.50	C06563	1.50	<.03			
BG11-35	52.50	54.00	C06564	1.50	<.03	1/4" 2% cse d py assd w fract-chl		
BG11-35	54.00	55.50	C06565	1.50	<.03			
BG11-35	55.50	57.00	C06566	1.50	<.03			
BG11-35	57.00	58.50	C06567	1.50	0.069	1" 3% cse d py@55		
BG11-35	58.50	60.00	C06568	1.50	0.069	poss chill zone w shrp ct@35 brings in hily mag+ alt'n; 3% cse d py		
BG11-35	**60.00**	**61.15**	**C06569**	**1.15**	**0.617**	**0.5m 20% leuco+15% cse d py@45**		
BG11-35	61.15	62.15	C06570	1.00	0.069			
BG11-35	62.15	62.80	C06571	0.65	0.206	1/4" 40% cse py vn@15		
BG11-35	62.80	64.05	C06572	1.25	2.023	0.7m mauve-buff hily bl'd+sil'd w 25-30% cse d py centred on 1" chl-q-ank vn-all@17-25	2.057	1.989
BG11-35	66.00	66.95	C06574	0.95	1.989	0.4m wy hem'd, mody sil'd w 20% leuco+10% cse d py@32; posy por dyke	2.057	1.920
BG11-35	66.95	68.10	C06575	1.15	0.069			
BG11-35	68.10	68.60	C06576	0.50	0.206			
BG11-35	68.60	69.30	C06577	0.70	0.274	25% leuco; 10% cse d py; ct		
BG11-35	69.30	69.90	C06579	0.60	1.955	1/4" chl-50% cse py vn@25	1.783	2.126
BG11-35	**69.90**	**71.20**	**C06580**	**1.30**	**0.686**			
BG11-35	**71.20**	**72.55**	**C06581**	**1.35**	**0.480**			
BG11-35	**72.55**	**73.80**	**C06582**	**1.25**	**0.960**	20% leuco+5% cse d py; mody bl'd@30		
BG11-35	**73.80**	**74.65**	**C06583**	**0.85**	**5.280**	**20% leuco; 20% cse d py; mody sil'd; hily bl'd; 2* 0.5m 70% cse py vn@22**	**5.829**	**4.731**
BG11-35	**74.65**	**75.40**	**C06584**	**0.75**	**5.520**	**20% leuco; 30% cse d py; hily sil'd; hily bl'd; @43; mauve-buff**	**5.829**	**5.211**
BG11-35	**75.40**	**76.55**	**C06586**	**1.15**	**7.646**	**20% leuco; 30% cse d+vn py; hily sil'd; hily bl'd; @22; mauve-buff; ends on flt w str slicks-then 20% leuco+5% cse d py**	**7.269**	**8.023**
BG11-35	76.55	77.55	C06587	1.00	0.343	15% leuco; 4% cse d py		
BG11-35	77.55	78.70	C06588	1.15	<.03			
BG11-35	78.70	79.90	C06589	1.20	1.234	10% leuco; 5% cse d py-all@22	1.234	1.234
BG11-35	79.90	81.00	C06590	1.10	0.069			
BG11-35	81.00	82.60	C06591	1.60	0.411			
BG11-35	82.60	84.00	C06592	1.40	0.069			
BG10-54	13.10	13.85	B52832	0.75	0.206	ct betw bl'd pa pur-gy and leuco-rich gn; 2% f d py		
BG10-54	15.40	16.50	B52833	1.10	0.069	15% leuco; 2* 1/4" 15% cse py vn's@27+47		
BG10-54	18.65	19.65	B52834	1.00	0.069	ct imm prec by 0.2m 50% q-ank+2% cse d py		
BG10-54	21.25	22.50	B52835	1.25	<.03			
BG10-54	22.50	23.40	B52836	0.90	0.274	0.1m+ 1/2" 70% cse py vn@44		

Hole_ID	From	To	Sample_#	Length	Au ppm	Description	Au ppm_ck	Au ppm-ck2
BG10-54	23.40	24.50	B52837	1.10	0.206			
BG10-54	28.50	29.70	B52838	1.20	<.03	1" 50% cse py vn@45; 0.3m 15% leuco@38		
BG10-54	31.70	32.40	B52839	0.70	<.03	0.1m 1/4" 50% cse py vn's @45 assd w 15% leuco+epi-ser		
BG10-54	45.10	46.50	B52840	1.40	<.03	1/8" 60% cse py vn@52		
BG10-54	46.50	47.45	B52841	0.95	<.03			
BG10-54	47.45	48.45	B52842	1.00	0.069	10% epi+ ank-qtz@27		
BG10-54	48.45	49.35	B52843	0.90	0.137	0.05m 50% cse py vn+ vuggy qtz-ank pa gy vn@57		
BG10-54	49.35	50.45	B52845	1.10	<.03	0.2m 15% leuco@73		
BG10-54	50.45	51.75	B52846	1.30	<.03			
BG10-54	54.90	55.85	B52848	0.95	<.03			
BG10-54	**55.85**	**56.90**	**B52849**	**1.05**	**0.686**	**0.05m 50% cse py vn+ qtz-ank pa gy vn@57 imm foll by 0.4m 50% epi w 25% q-ank vn's+ 3% cse d py+1% cp**		
BG10-54	**56.90**	**57.75**	**B52850**	**0.85**	**0.549**	**0.1m 80% cse py vn@50-may be #11 vn proper (but later than expected)**		
BG10-54	57.75	59.25	B52851	1.50	0.069			
BG10-54	62.60	64.00	B52852	1.40	0.069	30% epi@16+37; 1/8" 40% cse py vn@37		
BG10-54	66.35	67.30	B52853	0.95	<.03	1/8" 70% cse py vn@61		
BG10-54	67.30	68.10	B52854	0.80	0.274	1" epi-q-ank vn w 30% cse py@65		
BG10-54	68.10	69.35	B52855	1.25	<.03			
BG10-54	69.35	70.40	B52856	1.05	<.03			
BG10-54	70.40	71.10	B52857	0.70	<.03	1" epi-q-ank vn w 30% cse py@61		
BG10-54	71.10	72.00	B52858	0.90	<.03	1/8"+1/2" 50% cse py vn's @66		
BG10-54	72.00	73.20	B52859	1.20	<.03			
BG10-54	75.00	75.90	B52860	0.90	<.03	1/8" 60% cse py vn@57		
BG10-54	79.00	79.80	B52861	0.80	<.03	1/2" q-carb vn assd w epi @42 imm foll by 1" 15% leuco		
BG10-54	79.80	80.70	B52862	0.90	<.03	3/4" chty med gy vn@58 assd w epi-no py		
BG10-55	7.30	8.05	B52886	0.75	<.03	1/4" chl vn w 5% cse d py@44		
BG10-55	8.05	8.60	B52887	0.55	<.03	1/8"+ 0.05m 80% cse py vn@56		
BG10-55	8.60	9.80	B52889	1.20	0.343	0.05m wy sil'd w 15% cse d py@52		
BG10-55	19.20	20.05	B52890	0.85	<.03	1/2" wy sil'd w 5% leuco+ 3% cse py@15		
BG10-55	**20.05**	**20.60**	**B52891**	**0.55**	**0.891**	1" q-carb vn w 10% spec+8% cp+3% cse py@22		
BG10-55	20.60	21.80	B52892	1.20	<.03			
BG10-55	27.00	28.60	B52893	1.60	<.03	15% leuco throughout@23 w 10% q-ank		
BG10-55	28.60	30.00	B52894	1.40	<.03	15% leuco throughout@23 w 10% q-ank		
BG10-55	30.00	31.45	B52895	1.45	<.03	15% leuco throughout@23 w 0.2m buff q-ank-alb(?) vn@20+ wk sil'n		
BG10-55	**34.30**	**35.75**	**B52896**	**1.45**	**0.617**	3* 0.1m 20% leuco w 3% cse d py@62		
BG10-55	35.75	37.00	B52897	1.25	0.137			
BG10-55	37.00	38.20	B52898	1.20	0.069	30% sample w 15% leuco@61 w 10% q-ank+ wk sil'n pur hue w 5% spec+5% cse d py		
BG10-55	38.20	39.10	B52899	0.90	<.03			
BG10-55	39.10	40.40	B52901	1.30	0.480			
BG10-55	40.40	41.45	B52902	1.05	0.274	locy wy sil'd w 2% cse d py		
BG10-55	41.45	42.45	B52903	1.00	3.017	#11 VN-0.4m hily sil'd+ bl'd w 10-15% cse py @52-well min'd	3.291	2.743
BG10-55	**42.45**	**43.40**	**B52905**	**0.95**	**0.549**			
BG10-55	43.40	44.70	B52906	1.30	0.137			
BG10-55	44.70	45.75	B52907	1.05	0.069	50% sample 20% leuco w 3% cse d py@43 ending on 1/4" q-ank+1/8" 15% cse py vn		
BG10-55	45.75	47.50	B52908	1.75	<.03	0.05m q-ank+3% cse d py@80		
BG10-55	47.50	48.55	B52909	1.05	<.03	locy wy sil'd w 20% leuco		
BG10-55	48.55	49.60	B52910	1.05	<.03	0.5m pur q-ank shr'd wy@49-ser'd		
BG10-55	49.60	51.00	B52911	1.40	<.03			
BG10-55	**51.00**	**52.45**	**B52912**	**1.45**	**0.960**			
BG10-55	52.45	53.40	B52913	0.95	0.274	5% q-ank in mottled zone w 0.3m 20% leuco dk pur w 2* 1/4" 25% cse py vn's@34		
BG10-55	58.70	59.85	B52914	1.15	0.069	bl'd; 5% q-ank		
BG10-55	59.85	60.95	B52915	1.10	<.03	1/4" 20% cse py vn imm prec by 0.1m hily bl'd posy por dyke@66		

Hole_ID	From	To	Sample_#	Length	Au ppm	Description	Au ppm_ck	Au ppm-ck2
BG10-55	60.95	62.05	B52916	1.10	<.03			
BG10-55	67.80	69.20	B52917	1.40	<.03			
BG10-55	69.20	70.50	B52918	1.30	<.03	30% q-ank@5-20 in hily bl'd w 3% cse d py		
BG10-55	70.50	71.55	B52919	1.05	<.03			
BG10-55	76.60	80.75	B52920	4.15	<.03	30% q-ank@60 w 3% cse bleb py		
BG10-57	8.70	9.90	B52921	1.20	<.03	2* 0.2m 20% leuco assd w wk sil'n @50 w 3% cse d py		
BG10-57	9.90	11.15	B52922	1.25	<.03	20% leuco-locy sil'd wy; 5% q-ank@29; 3% cse d py; rare cp		
BG10-57	11.15	12.20	B52923	1.05	<.03	10% sample w 20% leuco		
BG10-57	12.20	13.40	B52924	1.20	<.03			
BG10-57	13.40	14.35	B52926	0.95	<.03			
BG10-57	14.35	15.40	B52927	1.05	<.03	0.25m hily bl'd wy sil'd w 20% leuco@75 w 30% cse d py		
BG10-57	15.40	16.50	B52929	1.10	<.03			
BG10-57	16.50	18.00	B54915	1.50	<.03	infill		
BG10-57	18.00	19.50	B54916	1.50	<.03	infill		
BG10-57	19.50	21.00	B54917	1.50	<.03	infill		
BG10-57	21.00	22.50	B54918	1.50	<.03	infill		
BG10-57	22.50	24.00	B54919	1.50	<.03	infill		
BG10-57	24.00	25.10	B54920	1.10	0.069	infill-5% 1/8"-1/4" 70% cse py veins @65-75		
BG10-57	25.10	26.80	B54921	1.70	<.03	infill		
BG10-57	26.80	28.10	B54922	1.30	0.411	infill-5% 1/8" 70% cse py veins @50-75		
BG10-57	27.00	28.10	B52930	1.10	2.366	3* 1/8"-1/2" 60% cse py vn's@62; 1/4" wt qv w 15% cse d py@55	2.537	2.194
BG10-57	**28.10**	**29.30**	**B52931**	**1.20**	**0.549**	**2* 1/4" 50% cse py vn's@24; 1/4" wt qv w 5% cse d py@32; 3% epi**		
BG10-57	**29.30**	**30.60**	**B52932**	**1.30**	**0.617**	**10% q-carb assd w epi@65 w 10% cse py**		
BG10-57	30.60	31.50	B52933	0.90	0.137	6* 1/8"-1/2" 50% cse py vn's locy conc@60-75; 1" q-q-ank vn@60 assd w 10% cse py		
BG10-57	31.50	32.90	B52934	1.40	0.274	1/4" 50% cse py vn@77		
BG10-57	32.90	33.70	B52935	0.80	0.480			
BG10-57	33.70	34.60	B52936	0.90	<.03			
BG10-57	34.60	35.50	B52937	0.90	<.03			
BG10-57	**35.50**	**36.40**	**B52938**	**0.90**	**0.686**	**last 0.2m w mod bl'g+5% cse d py@61**		
BG10-57	36.40	37.40	B52939	1.00	2.709	#11 Vn; flt imm prec by BC then 0.1m 90% cse py vn imm prec by wk hem+25% leuco+20% cse d py to 36.5	2.263	3.154
BG10-57	**37.40**	**38.25**	**B52941**	**0.85**	**5.486**	**0.1m hily bl'd w 20% leuco+30% cse d py+3/4" q-ank@64**	**5.349**	**5.623**
BG10-57	38.25	39.10	B52955	0.85	<.03	1"q-ank vn in 0.1m 20% leuco+5% cse d py@56		
BG10-57	39.10	40.40	B54923	1.30	<.03			
BG10-57	40.40	41.70	B54924	1.30	<.03			
BG10-57	41.70	42.60	B54925	0.90	0.137	3/4"q-ank+1/8"50%cse py vn@75		
BG10-57	42.60	43.65	B52942	1.05	0.069	1/4" q-ank-30% cse py vn@75		
BG10-57	43.65	44.50	B52943	0.85	0.069			
BG10-57	44.50	45.30	B52944	0.80	<.03	1/2"q-ank vn in 0.1m 20% leuco+5% cse d py@62		
BG10-57	45.30	46.50	B54926	1.20	0.137	3% 1/8" 50% py vn's @70-80		
BG10-57	46.50	47.30	B52945	0.80	<.03	1/2" 80% cse py vn@67		
BG10-57	51.50	52.50	B52946	1.00	<.03	30% sample w 15% leuco; 0.1m w 15% cse d py+30% q-ank@62		
BG10-57	52.50	54.00	B52947	1.50	<.03	5% leuco		
BG10-57	59.40	60.55	B52948	1.15	<.03	15% leuco; locy wy bl'd		
BG10-57	60.55	61.40	B52949	0.85	<.03	15% leuco; locy wy bl'd; 1/2" qv pa gy w 5% cse d py@62		
BG10-57	61.40	62.75	B52950	1.35	<.03	50% sample w 15% leuco; locy wy bl'd		
BG10-57	62.75	63.40	B52951	0.65	0.137	1" med gy qv w 3% cse d py in 0.3m 20% leuco@52		
BG10-57	63.40	64.00	B52952	0.60	<.03			
BG10-57	64.00	64.90	B52953	0.90	2.057	0.05m vuggy pa gy-wt qv w 40% cse d py@60 imm prec by 0.15 hily sil'd w 20% cse d py-well min'd	1.577	2.537
BG10-57	64.90	66.00	B52954	1.10	0.343			
BG10-57	**73.55**	**75.00**	**B52956**	**1.45**	**0.754**	**2* 1/2" 60% cse py vn's@64+80**		
BG10-75	8.40	9.00	B52863	0.60	<.03	1/4" q-ank vn med gy w 20% cse d py@84		

Hole_ID	From	To	Sample_#	Length	Au ppm	Description	Au ppm_ck	Au ppm-ck2
BG10-75	17.00	18.00	B52864	1.00	<.03	1/4" q-ank vn med gy w 20% cse d py@84		
BG10-75	21.25	22.10	B52865	0.85	<.03	1/8"+3/4" 30% cse py vn's@60 assd w 1" 20% leuco+q-ank gy		
BG10-75	24.40	25.50	B52866	1.10	<.03	0.2m wy sil'd w 5% cse d py@115+33		
BG10-75	28.50	29.30	B52867	0.80	0.137	1/2" 20% cse d py assd w q-ank@62		
BG10-75	29.30	30.35	B52868	1.05	<.03	15% leuco; 0.2m 30% cse py vn's@40 assd w gy q-ank		
BG10-75	37.30	38.45	B52869	1.15	0.137	0.5m 20% epi-ser+5% q-ank+ 15% cse d py @30; 3/4" 60% spec vn@21		
BG10-75	48.70	49.65	B52870	0.95	<.03	0.2m 20% epi@18 w 2% cse d py; 0.1m 20% leuco@50		
BG10-75	53.75	54.95	B52871	1.20	<.03	1/4" epi vn w 3% cse d pt@38		
BG10-75	54.95	55.75	B52873	0.80	<.03	1" q-ank vn@55 w epi-ser-chl		
BG10-75	65.50	66.80	B52874	1.30	0.480	15% epi w 5% cse d py@44; 0.15m 30% cse d py@50 imm foll by chl-ser		
BG10-75	66.80	68.40	B52875	1.60	<.03			
BG10-75	68.40	70.05	B52876	1.65	0.137	0.3m 20% leuco+10% epi w 8-10% cse d py		
BG10-75	70.05	71.10	B52877	1.05	0.411	0.05m 20% leuco+10% epi w 8-10% cse d py@33 assd w q-ank gy		
BG10-75	71.10	71.90	B52878	0.80	0.411	0.4m contorted wy sil'd epi-q-ank-ser w 15% cse d + vn'd py@63		
BG10-75	71.90	72.70	B52879	0.80	0.274			
BG10-75	75.15	75.85	B52880	0.70	0.206	3/4" 50% cse py vn+pa gy qv@65		
BG10-75	78.65	79.40	B52881	0.75	0.137	1/4" dk gy qv w 10% cse d py@66		
BG10-75	84.95	85.75	B52882	0.80	<.03	0.05m 20% wt q frag's bullish@62+ 1/8" epi-10% cse py vn@23		
BG10-75	**85.75**	**86.80**	**B52883**	**1.05**	**0.823**	**0.15m 1/8"-3/4" 30% cse py vn's@65 assd w sil'd zones**		
BG10-75	86.80	88.10	B52885	1.30	0.206	2* 1/2" epi-20% cse py vn's@60+146; 0.5m buff-br sil'd, bl'd bullish zone @75-no py		
BG11-74	4.00	4.90	C05689	0.90	<.03	10% leuco; dk gy		
BG11-74	4.90	6.00	C05690	1.10	<.03	20% leuco locy conc; dk gy; locy hem'd wy w 5-6% cse d py@58		
BG11-74	6.00	6.65	C05691	0.65	<.03	10% leuco; dk gy		
BG11-74	6.65	7.50	C05692	0.85	<.03			
BG11-74	7.50	9.00	C05693	1.50	<.03			
BG11-74	9.00	10.50	C05694	1.50	<.03			
BG11-74	10.50	12.00	C05695	1.50	<.03			
BG11-74	12.00	13.50	C05696	1.50	<.03			
BG11-74	13.50	15.00	C05697	1.50	<.03	3-4% cse d py		
BG11-74	15.00	16.50	C05698	1.50	<.03	2-3% cse d py; chl'd		
BG11-74	16.50	18.00	C05699	1.50	<.03	1/8" 70% cse py vn@62		
BG11-74	18.00	18.95	C05700	0.95	<.03	flt imm prec by 0.3m ser-chl wy bl'd +25% q-ank+5% cse d py-all@64; flt ends alt'n but 0.2m after is 1/4" 70% cse py vn@70+epi comes in		
BG11-74	18.95	19.55	C05702	0.60	<.03			
BG11-74	19.55	21.00	C05703	1.45	<.03			
BG11-74	21.00	21.75	C05704	0.75	<.03			
BG11-74	21.75	22.50	C05705	0.75	<.03	1/4" 70% cse py vn@75 imm prec by 0.2m wk chl shr'g		
BG11-74	22.50	24.00	C05706	1.50	<.03			
BG11-74	24.00	25.50	C05707	1.50	<.03			
BG11-74	25.50	27.00	C05708	1.50	<.03			
BG11-74	27.00	28.50	C05709	1.50	<.03			
BG11-74	28.50	30.00	C05711	1.50	<.03			
BG11-74	30.00	31.50	C05712	1.50	<.03			
BG11-74	31.50	33.00	C05713	1.50	<.03			
BG11-74	33.00	34.50	C05714	1.50	<.03			
BG11-74	34.50	36.00	C05715	1.50	<.03			
BG11-74	36.00	37.50	C05716	1.50	<.03			
BG11-74	37.50	38.30	C05717	0.80	<.03	1/2" 30% cse py vn assd w epi@71		
BG11-74	38.30	39.00	C05718	0.70	<.03			
BG11-74	39.00	40.50	C05719	1.50	<.03			
BG11-74	40.50	42.00	C05720	1.50	<.03			
BG11-74	42.00	43.50	C05721	1.50	<.03			

Hole_ID	From	To	Sample_#	Length	Au ppm	Description	Au ppm_ck	Au ppm-ck2
BG11-74	43.50	44.85	C05722	1.35	<.03			
BG11-74	44.85	45.45	C05723	0.60	<.03	0.05m dk gy w 5% cse d py@37		
BG11-74	45.45	46.60	C05724	1.15	<.03			
BG11-74	46.60	48.00	C05725	1.40	<.03			
BG11-74	48.00	48.80	C05726	0.80	0.343	1/2" 80% cse py vn@81 imm foll by 0.3m wy sil'd+bl'd w 8% cse d py		
BG11-74	48.80	49.50	C05728	0.70	<.03	slip imm foll by 0.2m q-ank-carb bull vn@45 w 1/8" magn vn+5% cse d py		
BG11-74	49.50	50.35	C05729	0.85	<.03			
BG11-74	50.35	51.80	C05730	1.45	<.03			
BG11-74	51.80	52.60	C05731	0.80	<.03	1/2" q-ank-carb vn w 20% cse d py@61		
BG11-74	52.60	54.00	C05732	1.40	<.03			
BG11-74	54.00	54.65	C05733	0.65	0.343	3/4" chl w 30% cse d py@41; 3/4" dull wt-pa gy qv @22 w 10% cse d py assd w epi		
BG11-74	54.65	55.50	C05734	0.85	<.03			
BG11-74	55.50	56.35	C05736	0.85	<.03			
BG11-74	56.35	57.00	C05737	0.65	<.03	3/4" q-ank-carb vn w 35% cse d py@71 posy on v tight flt		
BG11-74	57.00	58.40	C05738	1.40	<.03			
BG11-74	**58.40**	**59.45**	**C05739**	**1.05**	**0.617**	**10% cse d py locy conc centred on 0.2m wy sil'd, mody bl'd@46 w 20% dull wt qtz+ ser'n**		
BG11-74	59.45	60.30	C05741	0.85	<.03	1/4" 30% cse py vn@41		
BG11-74	60.30	61.50	C05742	1.20	<.03			
BG11-74	61.50	63.00	C05743	1.50	<.03	1/8" 60% cse py vn@23		
BG11-74	63.00	64.50	C05744	1.50	<.03			
BG11-74	64.50	66.00	C05745	1.50	<.03	3-4% cse d py		
BG11-74	66.00	67.50	C05746	1.50	<.03	0.2m 5-6% cse d py@71		
BG11-74	67.50	69.00	C05747	1.50	<.03	3-4% cse d py		
BG11-74	69.00	70.10	C05748	1.10	<.03			
BG11-74	70.10	70.85	C05749	0.75	<.03	1" q-ank-carb vn w 50% cse d py@29		
BG11-74	70.85	72.00	C05750	1.15	<.03			
BG11-74	72.00	73.30	C05751	1.30	<.03			
BG11-74	73.30	74.20	C05752	0.90	0.137	7% cse d py		
BG11-74	74.20	75.00	C05753	0.80	<.03	10% cse d py		
BG11-74	75.00	76.25	C05754	1.25	<.03			
BG11-74	76.25	77.55	C05755	1.30	<.03			
BG11-74	77.55	78.75	C05756	1.20	<.03			
BG11-74	78.75	79.75	C05757	1.00	<.03	por trailing ct w 1" 5% cse d py		
BG11-74	79.75	81.30	C05758	1.55	<.03			
BG11-74	81.30	81.95	C05759	0.65	<.03	1" +1/8" hily bl'd w 20% cse d py@45 w 30% pa gy qv's		
BG11-74	81.95	83.35	C05761	1.40	<.03			
BG11-74	83.35	84.80	C05762	1.45	<.03			
BG11-74	84.80	86.30	C05763	1.50	<.03			
BG11-74	86.30	87.85	C05764	1.55	<.03			
BG11-74	**87.85**	**88.80**	**C05765**	**0.95**	**0.891**	**0.3m ser-chl +shr w 20% q-ank bullish vn's+5% cse d py; @ ct 2* 1/2" 20% cse d py@45**		
BG11-74	88.80	89.75	C05766	0.95	<.03	5% chl @50 w 5% cse d py		
BG11-74	89.75	90.80	C05767	1.05	<.03			
BG11-74	90.80	91.60	C05768	0.80	0.411	1/4" 40% cse py vn@72; flt is str @ct imm foll by 1/4" 40% cse py vn@66		
BG11-74	91.60	93.00	C05769	1.40	<.03	3% cse d py		
BG11-74	93.00	94.50	C05770	1.50	<.03	0.05m 10% cse d py@53 assd w q-ank		
BG11-74	94.50	95.35	C05771	0.85	<.03			
BG11-74	95.35	95.90	C05772	0.55	<.03	flt imm foll by 1/4" carb vn-not much alt'n		
BG11-74	95.90	97.50	C05773	1.60	<.03			
BG11-74	97.50	99.00	C05774	1.50	<.03			
BG11-74	99.00	100.50	C05775	1.50	<.03	BC-no source		
BG11-74	100.50	102.00	C05776	1.50	<.03			
BG11-74	102.00	103.50	C05777	1.50	<.03			

Hole_ID	From	To	Sample_#	Length	Au ppm	Description	Au ppm_ck	Au ppm-ck2
BG11-74	103.50	105.00	C05778	1.50	<.03			
BG11-74	105.00	106.40	C05779	1.40	<.03			
BG11-74	106.40	108.00	C05780	1.60	<.03	3% cse d py		
BG11-74	108.00	109.50	C05781	1.50	<.03	0.2m 30% q-ank stockwork gen@55		
BG11-74	109.50	111.00	C05782	1.50	<.03			
BG11-74	111.00	112.50	C05783	1.50	<.03			
BG11-74	**112.50**	**114.00**	**C05784**	**1.50**	**0.686**			
BG11-74	114.00	115.05	C05786	1.05	<.03			
BG11-74	115.05	116.05	C05787	1.00	0.480	1/4" bright red hem'd?imm foll by slip@30 w 4% cse d py		
BG11-74	116.05	116.70	C05788	0.65	0.411	0.1m buff hily bl'd, wy sil'd w 7% cse d py@10		
BG11-74	116.70	117.80	C05789	1.10	<.03			
BG11-74	117.80	118.75	C05790	0.95	<.03	1st 0.1m of por w 5-6% cse d py; 1/8" dk gy qv in dio w 5% cse d py@28		
BG11-74	**118.75**	**120.00**	**C05791**	**1.25**	**0.549**	**first 0.7m w 3-4% cse d py**		
BG11-74	120.00	120.85	C05792	0.85	<.03			
BG11-74	120.85	121.65	C05793	0.80	0.343	mody bl'd locy w 5% chl fract's@32 w 5% cse d py		
BG11-74	**121.65**	**122.75**	**C05794**	**1.10**	**0.823**	**flt imm foll by 0.15m hily bl'd mody sil'd buff w 15% cse d py+ser'n; 0.2m mauve hily bl'd+sil'd w 35% cse d +vn py@33**		
BG11-74	**122.75**	**123.65**	**C05796**	**0.90**	**0.754**	**5-7% cse d py locy conc**		
BG11-74	**123.65**	**124.60**	**C05797**	**0.95**	**0.823**	**1" 25% cse py vn@34; flt imm prec by 1/4" 50% cse py vn**		
BG11-74	124.60	125.75	C05798	1.15	2.503	all but last 0.15m massive 80% cse py vn in hily hem'd brick red@23-35; 10% ser'n; posy por/sy	2.400	2.606
BG11-74	125.75	126.65	C05800	0.90	1.063	1"+ 0.2m 80% cse py vn in hily hem'd brick red@47; 10% ser'n; 10-15% cse d py in the rest; posy por/sy	1.097	1.029
BG11-74	126.65	127.20	C05801	0.55	0.274	first 0.25m 15% cse d py in hily hem'd brick red w 10% ser'n posy in por/sy-then shrp change in BC to fresh dio		
BG11-74	127.20	128.20	C05802	1.00	<.03			
BG11-74	128.20	129.45	C05803	1.25	<.03	1/8" 30% cse py vn@85		
BG11-74	129.45	130.05	C05804	0.60	<.03	flt imm prec by 1/4" 40% cse py vn in med gy qv		
BG11-74	130.05	131.10	C05805	1.05	<.03			
BG11-74	131.10	132.00	C05806	0.90	<.03	0.1m bull q-ank bx w 30% ang wallrock frag's@65		
BG11-74	132.00	133.50	C05807	1.50	<.03	8% bull q-ank		
BG11-74	133.50	134.25	C05808	0.75	<.03	10-12% bull q-ank@70		
BG11-74	134.25	135.00	C05810	0.75	<.03	20% bull q-ank@70; 0.1m w 10% cse d py@70		
BG11-74	135.00	136.50	C05811	1.50	<.03	reddish-br		
BG11-74	136.50	138.00	C05812	1.50	<.03			
BG11-74	138.00	138.80	C05813	0.80	<.03			
BG11-74	138.80	139.60	C05814	0.80	<.03	1" pur-gy spec-q-ank vn w 30% cse d py-vuggy; @39		
BG11-74	139.60	141.00	C05815	1.40	<.03			
BG11-74	144.65	145.65	C05816	1.00	<.03			
BG11-74	145.65	146.50	C05817	0.85	<.03	0.2m hily bl'd+mody sil'd w 20% cse d py@115+22 w py@22		
BG11-74	146.50	147.10	C05819	0.60	<.03	wy bl'd		
BG11-74	147.10	147.80	C05820	0.70	<.03	1" med gy wy bl'd+sil'd w 25% cse+f d py w chl+ser		
BG11-74	147.80	148.50	C05821	0.70	<.03			
BG11-74	148.50	150.00	C05822	1.50	<.03			
BG11-74	150.00	151.20	C05823	1.20	<.03			
BG11-74	151.20	152.15	C05824	0.95	0.137	band's bl'd aph @57 w epi+5% cse d py; 1" q-ank vn vuggy assd w 1/2" epi +1/8" 30% cse py vn@12		
BG11-74	152.15	153.00	C05825	0.85	0.069			
BG11-74	155.60	156.30	C05826	0.70	<.03	0.05m q-ank vn w 15% chl+15% cse d py@74		
BG11-74	156.30	157.90	C05827	1.60	<.03			
BG11-74	157.90	158.80	C05828	0.90	<.03	3/4" 30% cse d py in q-ank@55; 0.1m q-ank w 15% cse d py@42		
BG11-74	158.80	159.75	C05829	0.95	<.03			
BG11-74	162.55	164.10	C05830	1.55	<.03	1/2" 30% cse py vn@35		
BG11-74	164.10	165.20	C05831	1.10	<.03	1/2" 30% cse py vn@65 imm prec by 0.1m mody bl'd+sil'd w 5% cse d py		

Hole_ID	From	To	Sample_#	Length	Au ppm	Description	Au ppm_ck	Au ppm-ck2
BG11-74	165.20	166.20	C05832	1.00	<.03			
BG11-74	166.20	167.05	C05833	0.85	<.03	1/2" epi w 35% cse d py@56		
BG11-74	167.05	168.65	C05835	1.60	<.03			
BG11-74	168.65	169.65	C05836	1.00	<.03	wy bl'd@45		
BG11-74	169.65	170.30	C05837	0.65	3.189	0.3m 30% cse d as clots py in pkish feld@62;	3.223	3.154
BG11-74	170.30	170.85	C05838	0.55	<.03	0.2m bullish q-ank-epi vn imm prec by 0.05m wy sil'd+bl'd w 10% cse d py imm foll by 0.1m same-all@69		
BG11-74	170.85	172.20	C05840	1.35	<.03			
BG11-74	175.20	176.10	C05841	0.90	<.03	1/8" 30% cse py vn@55		
BG11-74	176.10	177.45	C05842	1.35	<.03	0.05m bull q-ank vn imm prec by 0.05m 5% cse d py@69		
BG11-74	177.45	178.25	C05843	0.80	<.03	1/2" 70% cse py vn@75		
BG11-74	178.25	179.20	C05844	0.95	<.03			
BG11-74	179.20	180.90	C05845	1.70	<.03			
BG11-74	180.90	181.50	C05846	0.60	<.03	0.05m 20% cse d py@64 assd w epi		
BG11-74	181.50	182.35	C05847	0.85	0.480			
BG11-74	182.35	183.00	C05848	0.65	0.069	2* 1/4" 70% cse py vn's @66+17		
BG11-74	183.00	184.00	C05849	1.00	0.069			
BG11-74	184.00	185.00	C05850	1.00	<.03	0.4m wy bl'd w 15% cse d py@51		
BG11-74	185.00	185.65	C05852	0.65	<.03			
BG11-74	185.65	186.30	C05853	0.65	<.03	3* 1/2" 70% cse py vn's @13		
BG11-74	186.30	187.40	C05854	1.10	<.03	wy bl'd; 8% cse d py		
BG11-74	187.40	189.00	C05855	1.60	<.03	5% cse d py		
BG11-74	189.00	190.70	C05856	1.70	<.03	5% cse d py		
BG11-74	190.70	192.00	C05857	1.30	<.03	med-pa gn aph w 3-5% cse d py@45		
BG11-74	192.00	192.95	C05859	0.95	<.03	5% cse d py		
BG11-74	192.95	193.90	C05860	0.95	<.03	3* 1/8"-1/4" 60% cse py vn's@62+40		
BG11-74	193.90	194.55	C05861	0.65	<.03	0.1m 70% cse py vn assd w epi@37		
BG11-74	194.55	195.70	C05862	1.15	<.03			
BG11-74	195.70	196.40	C05863	0.70	<.03			
BG11-74	196.40	197.00	C05864	0.60	0.069	0.05m 40% cse py vn@40 imm foll by q-ank-carb vn		
BG11-74	197.00	198.00	C05865	1.00	<.03			
BG11-74	198.00	199.40	C05866	1.40	<.03	1/2" 60% cse py vn@62 assd w epi vn's		
BG11-74	204.50	205.45	C05867	0.95	<.03	0.1m dk gy aph sil zone w 10% cse d py@75		
BG11-74	205.45	206.60	C05868	1.15	<.03			
BG11-74	206.60	207.25	C05869	0.65	<.03	1/2" epi vn w 15% cse py vn@42		
BG11-74	208.00	209.40	C05870	1.40	<.03	5% leuco@46; 0.2m 5% cse d py		
BG11-74	209.40	210.00	C05871	0.60	<.03	3/4" 60% cse py vn@56		
BG11-74	210.00	211.50	C05872	1.50	<.03			
BG11-74	211.50	212.20	C05873	0.70	<.03	3* 1/8"-1/2" 60% cse py vn's@36-46 in wy bl'd locy		
BG11-74	212.20	213.60	C05875	1.40	<.03			
BG11-74	213.60	214.85	C05876	1.25	<.03	1/4" chl shr@58 imm prec by tight flt; 0.3m 10% leuco@58		
BG11-74	217.90	218.50	C05877	0.60	<.03	1/4" 50% cse py vn@55 assd w epi		
BG11-74	220.40	221.15	C05878	0.75	<.03	3* 1/8" 40% cse py vn's@48 in wy bl'd locy		
BG11-74	221.15	222.50	C05879	1.35	<.03	1/8" 60% cse py vn@70		
BG11-74	222.50	224.20	C05880	1.70	<.03			
BG11-74	224.20	225.00	C05881	0.80	<.03	3/4" 70% cse py vn@40		
BG11-74	225.00	225.85	C05882	0.85	<.03			
BG11-74	225.85	227.05	C05884	1.20	<.03			
BG11-74	227.05	228.00	C05885	0.95	<.03	15% epi@57 centred on 1/4" 70% cse py vn@55		
BG11-74	235.90	236.70	C05886	0.80	<.03			
BG11-74	236.70	237.30	C05887	0.60	<.03	3/4" 70% cse py vn@47		
BG11-74	237.30	237.95	C05888	0.65	<.03	1/4" 50% cse py vn@33		

Hole_ID	From	To	Sample_#	Length	Au ppm	Description	Au ppm_ck	Au ppm-ck2
BG11-74	237.95	238.70	C05890	0.75	<.03	1/4"+1"+1/4" 80% cse py vn's in hily bl'd, sil'd or-buff w 30% q-ank+ser+chl@36+ one py vn@64		
BG11-74	238.70	239.30	C05891	0.60	2.160	3* 1" 70% cse py vn's in hily bl'd, sil'd or-buff w 30% q-ank+ser+chl@52 centred on flt	1.99	2.33
BG11-74	239.30	240.15	C05892	0.85	<.03	por		
BG11-74	240.15	241.25	C05893	1.10	<.03	chlc w 4% cse d py		
BG11-74	**241.60**	**242.25**	**C05894**	**0.65**	**0.960**	**5% cse d py@45**		
BG11-74	243.60	244.45	C05895	0.85	<.03			
BG11-74	244.45	245.25	C05896	0.80	<.03	2* 1/2" 70% cse py vn's @49; mody bl'd w 3% cse d py		
BG11-74	245.25	246.90	C05897	1.65	<.03	10% q-ank; ser'd		
BG11-74	**246.90**	**248.50**	**C05898**	**1.60**	**0.754**	**flt in 0.1m BC w gouge brings in hily bl'd+15% q-ank**		
BG11-74	248.50	249.15	C05899	0.65	0.069	hily bl'd+15% q-ank+ ser'd		
BG11-74	249.15	250.00	C05900	0.85	<.03	hily bl'd; 35% q-ank@35-50; hily ser'd; all bullish		
BG11-74	251.40	252.80	C06301	1.40	<.03	50% sample w 10% leuco		
BG11-74	252.80	253.55	C06302	0.75	<.03	slip imm foll by 1/4" 50% cse py vn+ 0.1m hily ser'd-bl'd-all@5-25		
BG11-74	253.55	254.15	C06303	0.60	<.03	slip in ser-ank-chl		
BG11-74	258.45	259.70	C06304	1.25	<.03			
BG11-74	259.70	260.70	C06305	1.00	<.03	2 flt's; inc'gly shr'd; str flt w gouge @ct; 10% q-ank		
BG11-74	260.70	261.30	C06306	0.60	<.03	ser-chl-q-ank frag zone w 5% leuco; alternating ser-chl zones		
BG11-74	261.30	262.20	C06308	0.90	<.03	MAIN BRK gouge+chl ann bx imm prec by 0.1m intense q-ank-ser-chl-talc w 5% f d py imm foll by 0.05m buff myl w 4% f d py		
BG11-74	262.20	262.80	C06310	0.60	<.03	cr'd; hily hem'd brick red; 5% spec; 5% ser		
BG11-74	262.80	263.55	C06311	0.75	<.03	cr'd; hily hem'd brick red; 5% spec; 5% ser; flt		
BG11-74	263.55	264.95	C06312	1.40	<.03	cr'd; hily hem'd brick red; 2% spec; 15% ser; shr's		
BG11-74	264.95	266.30	C06313	1.35	<.03	cr'd; hily hem'd brick red; 2% spec; 15% ser; shr's; locy wy sil'd w 3% f d py		
BG11-74	266.30	267.70	C06314	1.40	<.03	cr'd; hily hem'd brick red; 2% spec; 15% ser; shr's; locy wy sil'd w 3% f d py		
BG11-74	267.70	269.05	C06315	1.35	<.03	fresher; wy hem'd		
BG11-74	269.05	270.00	C06316	0.95	<.03	wy sil'd; olive gn; 5% f d py		
BG11-74	270.00	271.10	C06317	1.10	<.03	wy sil'd; olive gn; 5% f d py		
BG11-74	277.70	278.50	C06318	0.80	<.03			
BG11-74	278.50	279.00	C06319	0.50	<.03	flt imm prec by 1/4" 70% cse py vn@32 in 0.2m 20% q-ank		
BG11-74	279.00	280.50	C06320	1.50	<.03	0.15m pa gy wy sil'd@32 w 3% cse d py+5% q-ank		
BG11-74	280.50	282.00	C06321	1.50	<.03	0.1m 4% cse d py@55		
BG11-74	282.00	282.70	C06322	0.70	<.03	last 0.2m BC w 5% cse d py		
BG11-74	283.30	284.20	C06323	0.90	<.03	BC; 35% chl'c w 6-8% cse d py@30-40		
BG11-74	284.20	285.00	C06324	0.80	<.03	BC; 35% chl'c w 3% cse d py@20-30		
BG11-74	285.00	286.50	C06325	1.50	<.03	BC; 35% chl'c w 3% cse d py@20-30		
BG11-74	286.50	288.00	C06326	1.50	<.03	BC; 35% chl'c w 3% cse d py@20-30		
BG11-74	288.00	289.00	C06327	1.00	<.03	BC; 35% chl'c w 3% cse d py@20-30; 1/8" 50% cse py vn@25		
BG11-74	289.00	290.70	C06328	1.70	<.03	fresher		
BG11-74	293.20	294.55	C06329	1.35	<.03	por		
BG11-74	305.20	306.35	C06330	1.15	<.03			
BG11-74	306.35	307.35	C06331	1.00	<.03	5% med gy sil frag's; 1/2" bull q-ank vn@65 w 2% spec+2% cse d py		
BG11-74	307.35	308.10	C06333	0.75	<.03	0.1m hily bl'd w 3% cse d py@60		
BG11-74	310.00	311.25	C06334	1.25	<.03	0.2m chl'd w 10% cse d py@44		
BG11-74	311.25	312.15	C06335	0.90	<.03	flt imm foll by 0.15m chl'd w 20% cse d py+10% q-ank@32; 0.2m chl'd w 8% cse d py @32		
BG11-74	312.15	313.00	C06337	0.85	<.03	0.2m w 5% cse d py		
BG11-74	318.80	319.90	C06338	1.10	<.03	hily bl'd w 20% q-ank@16		
BG11-74	319.90	320.80	C06339	0.90	<.03	hily bl'd w 20% q-ank@32		
BG11-74	320.80	321.45	C06340	0.65	<.03	hily bl'd w 20% q-ank@32; wy sil'd; 3% cse d py		
BG11-74	321.45	322.20	C06341	0.75	<.03	hily bl'd w 40% q-ank vn's+ frag's@31; wy sil'd		
BG11-74	322.20	322.95	C06342	0.75	<.03	0.2m as above ends on 0.05m chl ann bx-BRK-str- @ ct w 5% cse d py; hily hem'd thereafter		
BG11-74	322.95	324.00	C06343	1.05	<.03			
BG11-74	324.00	324.90	C06344	0.90	<.03			

Hole_ID	From	To	Sample_#	Length	Au ppm	Description	Au ppm_ck	Au ppm-ck2
BG11-74	324.90	326.30	C06345	1.40	<.03	more hem'd-posy cr'd locy-posy healed flt @40 or just chl fract's		
BG11-74	326.30	327.75	C06346	1.45	<.03			
BG11-74	327.75	328.50	C06347	0.75	<.03	2* 1/8" 25% cse py vn's@35		
BG11-74	328.50	330.00	C06348	1.50	<.03			
BG11-74	330.00	331.50	C06349	1.50	<.03			
BG11-74	331.50	333.00	C06350	1.50	<.03			
BG11-74	333.00	334.50	C06351	1.50	<.03			
BG11-74	334.50	335.10	C06352	0.60	<.03	0.2m chl'd fract's in hily bl'd zone w 5-6% cse d py@34		
BG11-74	335.10	336.00	C06353	0.90	<.03			
BG11-74	336.00	337.50	C06354	1.50	<.03			
BG11-74	337.50	339.00	C06355	1.50	<.03			
BG11-74	339.00	340.00	C06356	1.00	<.03	0.1m wy bl'd w 10% cse d py; 1/4" 70% cse py vn@28		
BG11-74	340.00	340.50	C06358	0.50	<.03			
BG11-74	340.50	342.00	C06359	1.50	<.03			
BG11-81	7.10	9.00	C06669	1.90	<.03			
BG11-81	9.00	10.50	C06670	1.50	<.03			
BG11-81	10.50	12.00	C06671	1.50	<.03			
BG11-81	12.00	13.50	C06672	1.50	<.03			
BG11-81	13.50	14.40	C06673	0.90	<.03			
BG11-81	14.40	15.10	C06674	0.70	<.03	1/4" 60% cse py vn@ct@38 imm foll by 1" 10% cse d py		
BG11-81	15.10	16.50	C06675	1.40	<.03			
BG11-81	16.50	18.00	C06676	1.50	<.03			
BG11-81	18.00	19.50	C06677	1.50	<.03	1/2" q-ank vn w 1/8" 70% cse py vn@25		
BG11-81	19.50	21.15	C06678	1.65	<.03			
BG11-81	21.15	22.30	C06679	1.15	<.03	5% cse d py-locy wy hem'd @38		
BG11-81	22.30	24.00	C06681	1.70	<.03			
BG11-81	24.00	25.50	C06682	1.50	<.03			
BG11-81	25.50	27.00	C06683	1.50	<.03			
BG11-81	27.00	28.50	C06684	1.50	<.03			
BG11-81	28.50	30.00	C06685	1.50	<.03	10% epi w 5% cse d py@25		
BG11-81	30.00	31.50	C06686	1.50	<.03	1/8" 50% cse py vn@70		
BG11-81	31.50	33.00	C06687	1.50	<.03			
BG11-81	33.00	34.50	C06688	1.50	<.03			
BG11-81	34.50	36.00	C06689	1.50	<.03	flt imm prec by 1" q-ank vn		
BG11-81	36.00	37.50	C06690	1.50	<.03			
BG11-81	37.50	38.00	C06691	0.50	<.03			
BG11-81	38.00	39.40	C06692	1.40	<.03	locy wy bl'd w 2* 1/2" cse py vn's @50+80		
BG11-81	39.40	40.75	C06694	1.35	<.03			
BG11-81	40.75	41.65	C06695	0.90	<.03			
BG11-81	**41.65**	**42.45**	**C06696**	**0.80**	**0.960**	**1" 60% cse py vn in ank@32; ct w dk gy is flt; 5% cse d py**		
BG11-81	42.45	43.60	C06697	1.15	<.03	5% cse d py		
BG11-81	43.60	45.00	C06698	1.40	0.274	5% cse d py		
BG11-81	**45.00**	**45.80**	**C06699**	**0.80**	**9.086**	**5% cse d py;0.2m 15-20% cse d py+vn py@42 in chlc imm foll by 0.25m wy hem'd**	**9.120**	**9.052**
BG11-81	45.80	46.50	C06700	0.70	0.206	5% cse d py		
BG11-81	46.50	48.00	C06701	1.50	0.926		1.029	0.823
BG11-81	48.00	49.00	C06702	1.00	2.914		3.291	2.537
BG11-81	**49.00**	**49.80**	**C06703**	**0.80**	**6.549**	**1/2" 70% cse py vn@35 imm prec by 0.15m 10% cse d py**	**7.063**	**6.034**
BG11-81	49.80	51.00	C06705	1.20	0.274			
BG11-81	51.00	51.50	**C06722**	0.50	<.03	BC w up to 3/4" 90% cse py vn @34		
BG11-81	51.50	51.50	**C06722**	0.00	<.03	BC w up to 3/4" 90% cse py vn @34		
BG11-81	51.50	53.00	C06708	1.50	<.03			
BG11-81	53.00	54.50	C06709	1.50	<.03			

Hole_ID	From	To	Sample_#	Length	Au ppm	Description	Au ppm_ck	Au ppm-ck2
BG11-81	54.50	56.00	C06710	1.50	<.03			
BG11-81	56.00	58.15	C06711	2.15	<.03	1/4" 40% cse py vn@35		
BG11-81	58.15	58.70	C06712	0.55	0.069			
BG11-81	58.70	59.50	C06713	0.80	1.440	1" 80% cse py vn@27 in BC	1.509	1.371
BG11-81	59.50	60.75	C06715	1.25	0.206			
BG11-81	60.75	61.50	C06716	0.75	<.03			
BG11-81	61.50	63.00	C06717	1.50	<.03			
BG11-81	63.00	63.90	C06718	0.90	<.03			
BG11-81	63.90	64.10	C06719	0.20	<.03	5% cse d py; wy bl'd; 1/8" chl @ct imm prec by 1" q-ank+3% cse d py, imm foll by 0.1m 6-7% cse d py in por		
BG11-81	72.00	72.75	C06720	0.75	<.03	mody-stry bl'd to olive gn por w ser'n centred on flt		
BG11-81	72.75	73.70	**C06721**	0.95	<.03			
BG11-81	73.70	75.00	**C06723**	1.30	<.03			
BG11-81	75.00	75.75	C06724	0.75	<.03	tight flt imm foll by 1/8" 80% cse py vn imm foll by 1" q-ank		
BG11-81	75.75	77.20	C06725	1.45	<.03	1/8" 20% cse py vn w ank@63		
BG11-81	77.20	78.45	C06726	1.25	<.03			
BG11-81	**78.45**	**79.25**	**C06727**	**0.80**	**0.686**	**flt imm prec by bull 0.1m q-ank vn-imm foll by 0.1m dull wt qv w 30% ser'd wallrock frag's+10-12% cse d py imm foll by 0.2m ser-ank-chl w 65% cse py d-vn**		
BG11-81	79.25	80.30	C06729	1.05	0.343	2* 1/2" 40% cse py vn's@14		
BG11-81	80.30	81.00	C06730	0.70	0.343			
BG11-82	7.10	9.00	C06593	1.90	<.03			
BG11-82	9.00	10.50	C06594	1.50	<.03			
BG11-82	10.50	12.00	C06595	1.50	<.03			
BG11-82	12.00	13.50	C06596	1.50	<.03			
BG11-82	13.50	15.00	C06597	1.50	<.03			
BG11-82	15.00	16.50	C06598	1.50	<.03			
BG11-82	16.50	18.00	C06599	1.50	0.069			
BG11-82	18.00	19.50	C06600	1.50	0.274			
BG11-82	19.50	20.90	C06601	1.40	<.03			
BG11-82	20.90	21.90	C06602	1.00	2.537	flt imm prec by 0.05m q-ank bullish, imm foll by 0.25m brick red hily hem'd w 10% cse d py-poss sy dyke	2.743	2.331
BG11-82	21.90	23.60	C06604	1.70	<.03			
BG11-82	23.60	24.55	C06606	0.95	<.03			
BG11-82	24.55	25.15	C06607	0.60	<.03	2*1/8"+1/4" 30% cse py vn's@54		
BG11-82	25.15	27.00	C06608	1.85	<.03			
BG11-82	27.00	28.50	C06609	1.50	<.03			
BG11-82	28.50	30.00	C06610	1.50	<.03			
BG11-82	30.00	31.50	C06611	1.50	<.03			
BG11-82	31.50	33.30	C06612	1.80	<.03			
BG11-82	33.30	34.50	C06613	1.20	<.03	3/4" epi w 10% cse d py @ct		
BG11-82	34.50	35.40	C06614	0.90	<.03	0.05m wy sil'd w 10% cse d py @ct		
BG11-82	35.40	36.60	C06615	1.20	<.03			
BG11-82	36.60	37.50	C06616	0.90	<.03			
BG11-82	37.50	38.30	C06617	0.80	0.411	0.1m wy sil'd w 10% cse d py @ct		
BG11-82	38.30	39.65	C06618	1.35	0.069			
BG11-82	48.90	50.05	C06619	1.15	0.343	ct imm prec by 0.1m wy sil'd-imm foll by 0.3m 8% cse d py		
BG11-82	50.05	51.15	C06620	1.10	<.03	4% cse d py; 1/4" 20% cse py vn assd w chl@25		
BG11-82	51.15	52.50	C06621	1.35	<.03	5% cse d py		
BG11-82	**52.50**	**54.00**	**C06622**	**1.50**	**0.617**	**3% cse d py**		
BG11-82	54.00	55.15	C06623	1.15	0.137	3% cse d py		
BG11-82	55.15	56.15	C06624	1.00	0.343	5% cse d py; locy wy sil'd+bl'd@35		
BG11-82	56.15	57.00	C06625	0.85	0.206	5% cse d py		

Hole_ID	From	To	Sample_#	Length	Au ppm	Description	Au ppm_ck	Au ppm-ck2
BG11-82	57.00	58.50	C06626	1.50	<.03	3% cse d py		
BG11-82	**58.50**	**60.00**	**C06627**	**1.50**	**0.617**			
BG11-82	60.00	61.50	C06628	1.50	<.03			
BG11-82	61.50	63.00	C06629	1.50	<.03			
BG11-82	63.00	64.50	C06631	1.50	<.03			
BG11-82	64.50	66.00	C06632	1.50	<.03			
BG11-82	66.00	67.05	C06633	1.05	<.03			
BG11-82	67.05	68.50	C06634	1.45	<.03	0.1m chlc+ser'd w 4% cse d py@45; flt w no affect on wallrock except 1/2" wy bl'd		
BG11-82	68.50	69.00	C06636	0.50	<.03			
BG11-82	69.00	70.50	C06637	1.50	<.03			
BG11-82	70.50	72.20	C06638	1.70	<.03			
BG11-82	72.20	73.50	C06639	1.30	<.03	3* 1/8" 15% cse py vn's@30+80		
BG11-82	73.50	75.00	C06640	1.50	<.03			
BG11-82	75.00	76.50	C06641	1.50	<.03			
BG11-82	76.50	78.00	C06642	1.50	<.03	5* 1/8" q-ank vn's w 6% cse d py@45		
BG11-82	78.00	79.50	C06643	1.50	<.03	locy bl'd@45		
BG11-82	79.50	81.00	C06644	1.50	<.03			
BG11-82	**81.00**	**81.75**	**C06645**	**0.75**	**0.549**	**por ct; 1/2" 30% cse py vn in hily bl'd por@34**		
BG11-82	81.75	82.70	C06646	0.95	0.069			
BG11-82	82.70	84.00	C06647	1.30	<.03			
BG11-82	84.00	85.50	C06648	1.50	<.03			
BG11-82	85.50	87.00	C06649	1.50	<.03	0.2m ser-chl-ank-q shr could be x-flt-not min'd; 1/4" 70% cse py vn@45		
BG11-82	87.00	87.85	C06650	0.85	<.03			
BG11-82	87.85	88.75	C06651	0.90	1.817	ct flt imm foll by hily bl'd+hem'd wy sil'd w ser+ chl w 0.1m 80% cse py vn@49+ w 15% cse d py elsewhere	1.714	1.920
BG11-82	88.75	89.90	C06653	1.15	2.503	hily bl'd+hem'd wy sil'd w ser+ chl w 6* 1/2" 60% cse py vns@32-56+ w 10% cse d py elsewhere	2.743	2.263
BG11-82	89.90	91.05	C06654	1.15	1.440	hily bl'd+hem'd wy sil'd w ser+ chl w 3* 1/2" 60% cse py vns@25+60+ w 35% cse d py elsewhere		
BG11-82	91.05	92.00	C06656	0.95	1.406	hily bl'd+hem'd wy sil'd w ser+ chl w 1" 80% cse py vn@28+1/4" 80% cse py vn@10 w 10% cse d py elsewhere	1.509	1.303
BG11-82	**92.00**	**93.00**	**C06657**	**1.00**	**0.754**	**hily bl'd+hem'd wy sil'd w ser+ chl w 2* 1/4"+0.05m 70% cse py vns@31+45+ w 15% cse d py elsewhere; peak hem'n; sil'd ct**		
BG11-82	93.00	93.85	C06658	0.85	0.069	suddenly fresh except @end w 1/4"15% cse d py assd w carb fract@70		
BG11-82	93.85	95.25	C06659	1.40	0.274			
BG11-82	95.25	96.00	C06660	0.75	<.03			
BG11-82	96.00	97.50	C06661	1.50	<.03			
BG11-82	97.50	99.00	C06662	1.50	<.03			
BG11-82	99.00	100.20	C06663	1.20	0.206			
BG11-82	100.20	101.60	C06664	1.40	0.137	flt imm foll by 0.6m chl-carb-sil-ank w 10% cse d py		
BG11-82	101.60	102.90	C06665	1.30	<.03	3/4" q-ank-carb vn @60 in 0.1m 10% cse d py		
BG11-82	102.90	104.65	C06666	1.75	<.03	1/8" 30% cse py vn@25		
BG11-82	104.65	106.25	C06667	1.60	<.03			
BG11-82	106.25	107.70	C06668	1.45	<.03	last 0.1m 20% cse d py @50		
BG11-83	4.30	6.00	C06732	1.70	<.03	3% leuco		
BG11-83	6.00	7.10	C06733	1.10	<.03	10% leuco; 3-5% cse d py		
BG11-83	7.10	8.00	C06734	0.90	<.03	10% leuco; 3-5% cse d py@63		
BG11-83	8.00	9.00	C06735	1.00	0.137	10% leuco; 3% cse d py		
BG11-83	9.00	10.50	C06736	1.50	<.03	10% leuco; 3% cse d py		
BG11-83	10.50	12.00	C06737	1.50	<.03	3% leuco		
BG11-83	12.00	13.50	C06738	1.50	<.03	3% leuco		
BG11-83	13.50	14.55	C06739	1.05	<.03	10% leuco; 3% cse d py centred on flt imm prec by 1" q-carb		
BG11-83	14.55	15.50	C06740	0.95	<.03	6% cse d py		
BG11-83	15.50	16.50	C06741	1.00	<.03	6% cse d py		

Hole_ID	From	To	Sample_#	Length	Au ppm	Description	Au ppm_ck	Au ppm-ck2
BG11-83	16.50	18.00	C06742	1.50	<.03	6% cse d py		
BG11-83	18.00	18.85	C06743	0.85	<.03	6% cse d py		
BG11-83	18.85	19.50	C06744	0.65	<.03	0.1m mody sil'd wy bl'd w 12% cse d py@51; flt in 1" q-ank-carb		
BG11-83	19.50	21.00	C06746	1.50	<.03	3% cse d py		
BG11-83	21.00	22.65	C06747	1.65	<.03	1" 5-6% cse d py@70		
BG11-83	24.70	25.30	C06748	0.60	<.03	0.05m 30% epi w 1/8" 70% cse py vn@80		
BG11-83	33.00	34.50	C06749	1.50	<.03			
BG11-83	34.50	35.25	C06750	0.75	0.069	2* 1/8" 70% cse py vn's in 3/4" 70% epi each @18+30		
BG11-83	35.25	36.15	C06751	0.90	<.03			
BG11-83	36.15	37.70	C06752	1.55	<.03			
BG11-83	37.70	38.65	C06753	0.95	<.03	flt in BC imm prec by 1" q-ank vn w 10% bx frag's		
BG11-83	39.10	40.00	C06754	0.90	<.03	wk shr w 2% cse d py		
BG11-83	40.00	41.45	C06755	1.45	<.03			
BG11-83	41.45	42.25	C06756	0.80	<.03	0.1m mody sil'd wy bl'd w 5% cse d py@51		
BG11-83	42.25	43.50	C06758	1.25	<.03			
BG11-83	43.50	44.80	**C06775**	1.30	<.03			
BG11-83	44.80	45.50	**C06776**	0.70	<.03	1/8"-1/4" 60% cse py vn@26		
BG11-83	48.30	49.10	C06759	0.80	<.03			
BG11-83	49.10	49.95	C06760	0.85	<.03	flt imm foll by 1/2" 80% cse py vn@45		
BG11-83	49.95	51.15	C06762	1.20	<.03			
BG11-83	51.15	52.50	C06763	1.35	<.03			
BG11-83	53.75	54.60	C06764	0.85	<.03			
BG11-83	54.60	55.20	C06765	0.60	<.03	1/4" 50% cse py vn@35 assd w q-ank		
BG11-83	55.20	56.00	C06766	0.80	<.03			
BG11-83	61.90	62.75	C06767	0.85	<.03			
BG11-83	62.75	63.60	C06768	0.85	<.03	0.05m q-ank wt vn w 3* 1/8"-1/4" 50% cse py vn's@51 w 2% cp imm foll by 0.15m ser-chl+10% cse d py imm prec by 0.2m qtz por dyke		
BG11-83	63.60	64.70	C06769	1.10	<.03			
BG11-83	68.35	69.00	C06770	0.65	<.03	0.1m wy sil'd w 5% cse d py@55		
BG11-83	69.00	69.60	C06771	0.60	<.03			
BG11-83	69.60	70.40	C06772	0.80	1.783	0.4m chlc w 10% cse d py@39	1.783	1.783
BG11-83	70.40	71.30	C06773	0.90	<.03	1/8" 50% cse py vn@50		
BG11-83	71.30	72.30	C06774	1.00	<.03	chl fract imm foll by 0.05m q-carb vn-bull@51		
BG11-83	72.30	73.60	C06777	1.30	<.03			
BG11-83	75.00	75.85	C06778	0.85	<.03	0.2m mody bl'd centred on bull 1" q-ank vn@70; ser'd		
BG11-83	78.00	79.70	C06779	1.70	<.03	3% cse d py		
BG11-83	88.60	89.20	C06780	0.60	<.03	slip imm foll by 1/2" bull q-ank; wy bl'd		
BG11-83	89.20	90.90	C06781	1.70	<.03			
BG11-83	90.90	92.20	C06782	1.30	0.137	0.05m w 5% cse d py@50 assd w chl		
BG11-83	92.20	93.30	C06784	1.10	<.03	0.05m w 1% cse d +bleb py@47		
BG11-83	93.30	94.30	C06785	1.00	0.137	5% cse d py		
BG11-83	94.30	95.70	C06786	1.40	<.03			
BG11-83	95.70	96.40	C06787	0.70	<.03	flt imm foll by 1" bull q-ank vn		
BG11-83	96.40	97.50	C06788	1.10	0.411	wy-mody hem'd bx frag's w 1/8"+1" 70% cse py vn's @45; wy sil'd		
BG11-83	97.50	99.00	C06790	1.50	<.03			
BG11-83	99.00	100.40	C06791	1.40	<.03	2% cse d py locy conc@20		
BG11-83	100.40	101.70	C06792	1.30	<.03			
BG11-83	101.70	102.70	C06793	1.00	1.543	0.06m chl'd w 0.05m 50% cse py vn@40+ 10% cse d py throughout	1.509	1.577
BG11-83	**102.70**	**103.80**	**C06794**	**1.10**	**0.960**	**1/4"+ 1" 70% cse py vn@45**		
BG11-83	103.80	105.00	C06795	1.20	<.03	1/8" 60% cse py vn@70 in 0.05m q-ank-ser		
BG11-83	106.75	108.30	C06796	1.55	<.03	2% cse d py		
BG11-83	117.60	118.85	C06797	1.25	0.137			

Hole_ID	From	To	Sample_#	Length	Au ppm	Description	Au ppm_ck	Au ppm-ck2
BG11-83	118.85	119.65	C06798	0.80	0.069	carb slip brings in 2* 3/4" 40% cse py vn's assd w chl'n @26+32		
BG11-83	119.65	120.45	C06800	0.80	<.03			
BG11-83	120.45	121.75	C06801	1.30	<.03			
BG11-83	127.10	128.10	C06802	1.00	<.03	1/2" 20% cse d py @ct; 5% overall		
BG11-83	128.10	129.00	C06803	0.90	<.03	inlier bl'd wy+2% cse d py		
BG11-83	129.00	129.95	C06804	0.95	<.03			
BG11-83	129.95	131.00	C06805	1.05	<.03	wy ser'd+chl'd+1-2% cse d py		
BG11-83	131.00	132.30	C06806	1.30	<.03	1/4" 20% cse py @52		
BG11-83	136.35	137.40	C06807	1.05	<.03	2* 1/4" 10% cse py @51		
BG11-83	143.10	144.00	C06809	0.90	0.411			
BG11-83	144.00	144.80	C06810	0.80	1.714	flt imm foll by 1" bull q-ank centres 0.3m 5% cse d py	1.714	1.714
BG11-83	**144.80**	**145.30**	**C06811**	**0.50**	**0.960**			
BG11-83	145.30	145.95	C06812	0.65	2.606	1/4" 30% cse py vn@20	2.743	2.469
BG11-83	**145.95**	**147.00**	**C06813**	**1.05**	**0.686**			
BG11-83	147.00	148.00	C06814	1.00	0.069			
BG11-83	148.00	148.95	C06815	0.95	<.03	1/4" 50% cse py vn@70		
BG11-83	148.95	149.80	C06816	0.85	<.03			
BG11-83	149.80	150.85	C06817	1.05	<.03			
BG11-83	150.85	151.40	C06818	0.55	<.03	BC imm prec by flt imm prec by 0.1m wy sil'd+bl'd w 15% cse d py+1" 50% cse py vn-all@45		
BG11-83	151.40	152.85	C06819	1.45	<.03	mody bl'd after flt+3% cse d py		
BG11-83	152.85	153.90	C06820	1.05	<.03			
BG11-83	153.90	154.75	C06821	0.85	<.03	1/8"-1/4" 20% cse py vn@20		
BG11-83	154.75	156.00	C06822	1.25	0.480	ser'd locy w 0.3m 10% cse py @17		
BG11-83	169.00	170.70	C06823	1.70	<.03	mody bl'd+ser'd @35		
BG11-83	170.70	172.00	C06824	1.30	<.03	mody bl'd+ser'd @35		
BG11-83	172.00	172.60	C06825	0.60	0.411	1" 50% cse py vn in sil-ank@45		
BG11-83	172.60	173.75	C06826	1.15	<.03			
BG11-83	176.30	177.10	C06827	0.80	<.03	2* 1/8" 80% cse py vn's in ser @40; flt imm foll by 0.1m BC w vuggy q-ank-carb		
BG11-83	178.50	179.80	C06828	1.30	<.03	1/4" 30% cse py vn@5-20 assd w 1/2" q-ank vn		
BG11-83	185.45	186.45	C06829	1.00	<.03			
BG11-83	186.45	187.50	C06830	1.05	<.03	0.2m 20% q-ank-chl w 50% cse d +vn py@37; wy sil'd		
BG11-83	187.50	188.30	C06832	0.80	<.03			
BG11-83	190.15	191.00	C06834	0.85	<.03	wy bl'd bx w 5% cse d py		
BG11-83	195.30	196.30	C06835	1.00	<.03	3/4" q-ank-carb vn w 25% cse d py@35 imm foll by 0.1m BC w 10% cse d py		
BG11-83	199.80	200.35	C06836	0.55	<.03	0.2m q-carb bull vn in bl'd w 0.05m 8% cse d py@61		
BG11-83	208.90	209.50	C06837	0.60	<.03	1" 40% cse py vn assd w epi@45		
BG11-83	213.65	214.30	C06838	0.65	<.03	1/4" 40% cse py vn@25		
BG11-83	217.50	218.40	C06839	0.90	<.03	locy mody bl'd; 1/4" 15% cse d py@30		
BG11-84	4.40	5.15	C06360	0.75	0.069	10% leuco; 5% cse d py; 1/4" cse py vn @30		
BG11-84	5.15	6.00	C06361	0.85	<.03	5% leuco; 5% cse d py		
BG11-84	6.00	7.50	C06362	1.50	<.03	5% leuco; 5% cse d py		
BG11-84	7.50	8.35	C06363	0.85	<.03	20% leuco @42; 10% cse d py		
BG11-84	8.35	9.00	C06364	0.65	0.206			
BG11-84	9.00	10.50	C06365	1.50	<.03			
BG11-84	10.50	12.00	C06366	1.50	0.069			
BG11-84	12.00	13.10	C06367	1.10	<.03	10% leuco; 8% cse d py		
BG11-84	13.10	14.20	C06368	1.10	0.069	10% leuco; 5% cse d py; 2* 1/4" 70% cse py vn's in 0.1m wy hem'd-all@53; 5% q-ank @145 truncated by py vn's		
BG11-84	14.20	15.00	C06370	0.80	0.411	15% leuco; 10% cse d py		
BG11-84	15.00	16.50	C06371	1.50	<.03			
BG11-84	16.50	18.00	C06372	1.50	<.03			
BG11-84	18.00	18.70	C06373	0.70	<.03	1" pa-med gy q-ank vn w 25% cse d py imm foll by flt @60		

Hole_ID	From	To	Sample_#	Length	Au ppm	Description	Au ppm_ck	Au ppm-ck2
BG11-84	18.70	20.00	C06375	1.30	<.03			
BG11-84	22.30	23.25	C06376	0.95	<.03			
BG11-84	23.25	24.00	C06377	0.75	<.03	0.15m ser-chl-25% q-ank zone w 0.05+1" 90% cse py vn's@55; 1" ser-chl shr@39		
BG11-84	24.00	25.00	C06378	1.00	<.03			
BG11-84	30.00	31.00	C06379	1.00	<.03			
BG11-84	31.00	31.70	C06380	0.70	0.411	1/2" 70% cse py vn imm foll by BC w flt@23		
BG11-84	31.70	32.55	C06381	0.85	<.03			
BG11-84	35.80	37.15	C06383	1.35	<.03			
BG11-84	37.15	37.75	C06384	0.60	<.03	1/4" 70% cse py vn@42		
BG11-84	37.75	39.00	C06385	1.25	<.03			
BG11-84	39.00	40.50	C06386	1.50	<.03	locy wy bl'd @70-80 w 2% cse d py		
BG11-84	40.50	42.00	C06387	1.50	<.03	locy wy bl'd @70-80 w 2% cse d py		
BG11-84	42.00	43.40	C06388	1.40	<.03			
BG11-84	49.80	50.95	C06389	1.15	<.03	1% cse d py		
BG11-84	53.15	54.50	C06390	1.35	<.03	3% cse d py		
BG11-84	54.50	55.45	C06391	0.95	0.069			
BG11-84	55.45	56.00	C06392	0.55	<.03	1/8" 60% cse py vn@25		
BG11-84	56.00	57.05	C06393	1.05	<.03	0.05m epi vn@70		
BG11-84	57.05	57.95	C06394	0.90	<.03	flt in chl'c imm foll by 0.2m mody hem'd+ w 15% q-ank		
BG11-84	57.95	58.85	C06395	0.90	<.03			
BG11-84	62.65	63.35	C06396	0.70	<.03	locy wy bl'd @70-80 w 2% cse d py		
BG11-84	63.35	64.75	C06397	1.40	<.03	0.2m 15% epi@40; 0.2m q-ank-ser-chl@20		
BG11-84	64.75	65.80	C06398	1.05	0.137	2% cse d py locy conc @30		
BG11-84	65.80	66.50	C06399	0.70	0.411	1/4" 70% cse py vn@22; 0.1m q-ank-epi vn w 25% cse py +15% cp in 1.5" area		
BG11-84	66.50	67.60	C06401	1.10	<.03			
BG11-84	70.90	71.55	C06402	0.65	<.03			
BG11-84	71.55	72.20	C06403	0.65	<.03	1" q-ank-epi vn w 20% cse d +clot py@46		
BG11-84	72.20	72.85	C06404	0.65	<.03			
BG11-84	78.30	79.50	C06405	1.20	<.03			
BG11-84	79.50	80.25	C06406	0.75	<.03			
BG11-84	80.25	81.00	C06408	0.75	<.03	1/4" 70% cse py vn@41; 8% cse d py throughout		
BG11-84	81.00	82.50	C06409	1.50	0.069	3% cse d py		
BG11-84	82.50	84.00	C06410	1.50	<.03	3% cse d py		
BG11-84	84.00	85.50	C06411	1.50	0.274			
BG11-84	85.50	87.00	C06412	1.50	0.137	bn hue-could be sy?-posy a 1/4" xeno		
BG11-84	87.00	88.40	C06413	1.40	<.03			
BG11-84	88.40	89.50	C06414	1.10	<.03	0.25m por inclusion/dyke?@80		
BG11-84	89.50	90.45	C06415	0.95	<.03			
BG11-84	90.45	91.60	C06416	1.15	0.069	5% cse d py		
BG11-84	91.60	92.30	C06417	0.70	0.274	5-8% cse d py; 15% leuco; 0.1m BC w 3/4" gy q-ank@10		
BG11-84	92.30	93.10	C06418	0.80	<.03	5-8% cse d py; 15% leuco;ct		
BG11-84	93.10	93.85	C06419	0.75	<.03			
BG11-84	93.85	94.95	C06420	1.10	0.480	5-8% cse d py; 15% leuco;ct; 2* 1/4" 50% cse py vn's@70+57		
BG11-84	94.95	95.85	C06421	0.90	<.03	30% inliers 25% leuco+10% cse d py in dio		
BG11-84	95.85	96.90	C06422	1.05	<.03	15% cse d py; 20% leuco;ct; sil'd bx frag's		
BG11-84	96.90	97.55	C06424	0.65	<.03	0.2m 5-8% cse d py; 15% leuco, then por; 0.2m 15% leuco+5% cse d py @ end		
BG11-84	97.55	98.70	C06425	1.15	<.03	5% cse d py in sil'd bx; 10% leuco		
BG11-84	98.70	99.45	C06426	0.75	<.03	5% cse d py in sil'd bx; 10% leuco		
BG11-84	99.45	100.50	C06427	1.05	<.03	5% cse d py in sil'd bx; 10% leuco		
BG11-84	100.50	102.00	C06428	1.50	<.03	5% cse d py in sil'd bx; 10% leuco		
BG11-84	102.00	103.50	C06429	1.50	<.03	5% cse d py in sil'd bx; 10% leuco		
BG11-84	103.50	105.00	C06430	1.50	<.03	5% cse d py in sil'd bx; 10% leuco		

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BG11-84	105.00	106.50	C06431	1.50	<.03			
BG11-84	106.50	108.00	C06432	1.50	<.03	5% leuco		
BG11-84	108.00	109.50	C06434	1.50	<.03	5% leuco; 2* 0.15m posy sy dykes @60; 1" q-ank+ser+1/8" 30% cse py vn@62		
BG11-84	109.50	111.00	C06435	1.50	<.03			
BG11-84	111.00	112.50	C06436	1.50	<.03			
BG11-84	112.50	114.00	C06437	1.50	<.03			
BG11-84	114.00	114.65	C06438	0.65	<.03	flt brings in 0.4m 10% q-ank+10% leuco+ser'n+5% cse d py		
BG11-84	114.65	115.50	C06439	0.85	0.480	10% leuco+3% cse d py		
BG11-84	115.50	116.05	C06440	0.55	0.274	10% leuco+3% cse d py		
BG11-84	**116.05**	**117.00**	**C06441**	**0.95**	**0.960**	**10% leuco+3% cse d py; 1" 20% cse py vn@53 imm foll by 0.1m BC posy w flt; hem'd wy bx frag's**		
BG11-84	117.00	118.50	C06443	1.50	<.03			
BG11-84	130.00	131.00	C12473	1.00	0.137	INFILL		
BG11-84	**131.00**	**132.00**	**C12474**	**1.00**	**0.823**	**INFILL**		
BG11-84	**132.00**	**133.00**	**C12475**	**1.00**	**0.891**	**INFILL**		
BG11-84	133.00	133.95	C12476	0.95	<.03	INFILL		
BG11-84	**133.95**	**134.90**	**C06444**	**0.95**	**0.617**	**flt assd w 1/2" q-ank+1"ser'n**		
BG11-84	**134.90**	**135.55**	**C06445**	**0.65**	**0.754**	**1/2" 40% cse py vn@15**		
BG11-84	135.55	136.75	C06446	1.20	<.03			
BG11-84	136.75	137.20	C06447	0.45	<.03			
BG11-84	137.20	138.00	C06448	0.80	0.069	1/4"+1/2" 60% cse py vn's@30		
BG11-84	138.00	139.50	C06449	1.50	0.069			
BG11-84	139.50	140.60	C06450	1.10	0.069			
BG11-84	146.65	147.35	C06451	0.70	<.03	1/2" 50% cse py vn@34 imm foll by slip; ct; 15% q-ank; wy sil'd; 3% cse d py; ser		
BG11-84	147.35	148.50	C06452	1.15	<.03	3% cse d py		
BG11-84	150.70	151.60	C06453	0.90	0.274	0.1m wy sil'd med gy w 10% cse d py@37		
BG11-84	151.60	152.70	C06454	1.10	0.137	mody hem'd; 25% q-ank; ser		
BG11-84	152.70	153.40	C06455	0.70	0.137	ser; wy sil'd; 2% cse d py		
BG11-84	153.40	154.20	C06457	0.80	0.343	ser'd hily; 1" 10% cse d py+2*1/8" chl-sil vn's@28		
BG11-84	**154.20**	**155.35**	**C06458**	**1.15**	**0.549**	**hily bl'd; 0.1m q-ank vn; 50% cse py vn's to 1"-all@34**		
BG11-84	155.35	156.00	C06460	0.65	<.03	wy sil'n ends @ct; 3% cse d py; ser'd		
BG11-84	156.00	157.00	C06461	1.00	<.03			
BG11-84	157.00	158.10	C06462	1.10	<.03	0.3m 20% q-ank -wy sil'd-w ser+5% cse d py-all@20+35		
BG11-84	158.10	159.30	C06463	1.20	<.03			
BG11-84	159.30	160.95	C06464	1.65	<.03			
BG11-84	160.95	162.45	C06465	1.50	<.03			
BG11-84	**162.45**	**163.35**	**C06466**	**0.90**	**0.891**	**ser'd+10% cse d py centred on flt-wy bl'd**		
BG11-84	163.35	164.55	C06467	1.20	<.03	1/4" q-ank vn w 25% cse d py@34		
BG11-84	164.55	165.35	C06468	0.80	<.03			
BG11-84	165.35	166.20	C06469	0.85	<.03	flt assd w 1/8" 30% cse py vn+1/4" q-ank brings in ser'n+2% cse d py+ 10% q-ank		
BG11-84	166.20	167.60	C06470	1.40	<.03			
BG11-84	**167.60**	**169.00**	**C06471**	**1.40**	**0.823**	**1/8" 70% cse py vn@18 +5% cp in hily bl'd sy**		
BG11-84	169.00	170.40	C06472	1.40	0.411	1/4" +1/8" 70% cse py vn@10 in wy hem'd sy; 1/4" 70% cse py vn@57		
BG11-84	170.40	171.20	C06474	0.80	<.03	1/2" q-ank wt vn w 10% gal+2% cp@55		
BG11-84	171.20	172.55	C06475	1.35	<.03	locy hily hem'd to brick red centred on 1/8" q-ank@45+flt assd w 1" ser'n+15% cse d py		
BG11-84	172.55	174.00	C06476	1.45	<.03			
BG11-84	**174.00**	**175.00**	**C06477**	**1.00**	**0.549**	**5% ser; 2* 1/8" 25% cse py vn's@20; wy hem'd**		
BG11-84	175.00	176.20	C06478	1.20	<.03			
BG11-84	179.00	180.30	C06479	1.30	<.03	2 chl fract's@45		
BG11-84	**180.30**	**181.20**	**C06480**	**0.90**	**0.960**	**flt imm foll by 0.15m ser-chl-ank shr w 25% cse d py**		
BG11-84	181.20	181.90	C06482	0.70	<.03	1" hily bl'd +ser'd@45 w 3% cse d py		
BG11-84	181.90	182.60	C06484	0.70	<.03			

Hole_ID	From	To	Sample_#	Length	Au ppm	Description	Au ppm_ck	Au ppm-ck2
BG11-84	182.60	184.00	C06485	1.40	<.03			
BG11-84	184.00	185.35	C06486	1.35	<.03	2* 1/4" 60% cse py vn's@53		
BG11-84	185.35	186.80	C06487	1.45	<.03			
BG11-84	189.00	189.75	C06488	0.75	<.03	1/4" ser-chl vn w 20% cse py@35		
BG11-84	190.75	191.50	C06489	0.75	<.03	1/2" 60% cse py vn@50		
BG11-84	195.35	195.90	C06490	0.55	<.03	wy bl'd@60		
BG11-84	199.90	200.60	C06491	0.70	<.03	chl fract@25 w 5% cse d py within 1/4"		
BG11-84	202.90	203.55	C06492	0.65	<.03	0.1m hily bl'd@55 w 3% cse d py		
BG11-84	203.55	204.40	C06493	0.85	<.03			
BG11-84	204.40	205.10	C06494	0.70	<.03	1" hily bl'd ser-chl-ank vn@55		
BG11-84	205.10	205.85	C06495	0.75	<.03			
BG11-84	210.65	211.80	C06496	1.15	0.069	wy shr'd; 20% q-ank; ser'd; all@25; rare py		
BG11-84	222.00	222.75	C06497	0.75	<.03	3/4" chl-q-ank vn w 15% cse d py@48		
BG11-84	233.55	234.25	C06498	0.70	<.03			
BG11-84	234.25	235.25	C06499	1.00	<.03	5% cse d py		
BG11-84	235.25	236.35	C06500	1.10	<.03	3% cse d py		
BG11-84	236.35	237.55	C06501	1.20	<.03	3% cse d py		
BG11-84	237.55	238.70	C06502	1.15	<.03	6% cse d py		
BG11-84	242.60	243.40	C06504	0.80	<.03	3* 1/8" 60% cse py vn's@40		
BG11-84	246.55	247.60	C06505	1.05	<.03	0.25m w 8% cse d py@45 in str bx w 5% q-ank		
BG11-84	249.70	251.00	C06506	1.30	<.03	ct w heavy bx w wy hem'd+4% cse d py; 5% leuco		
BG11-84	251.00	252.40	C06507	1.40	<.03	heavy bx w wy hem'd+4% cse d py;		
BG11-84	252.40	253.40	C06508	1.00	<.03	heavy bx w wy hem'd+4% cse d py;		
BG11-84	253.40	254.50	C06509	1.10	<.03	heavy bx w wy hem'd+4% cse d py;		
BG11-84	254.50	255.35	C06510	0.85	<.03	1" chl'd w 1/4" 50% cse py vn@38-polished py looks like VG but prob py		
BG11-84	255.35	256.55	C06519	1.20	<.03			
BG11-84	256.55	257.30	C06520	0.75	<.03	1/4" 70% cse py vn@25		
BG11-84	257.30	258.70	C06512	1.40	<.03	5% cse d py centred on flt		
BG11-84	262.80	264.00	C06513	1.20	<.03	4% cse d py		
BG11-84	264.00	264.85	C06514	0.85	<.03	3% cse d py; ser'd		
BG11-84	270.00	271.05	C06515	1.05	<.03			
BG11-84	271.05	271.90	C06516	0.85	<.03	wy sil'd@60 w 10% cse d py		
BG11-84	271.90	273.00	C06517	1.10	<.03	1/2" bull qv@65 imm prec by 5% cse d py over 1/4"		
BG11-84	273.95	275.25	C06518	1.30	0.069	flt; mody bl'd; 3% cse d py		
BG11-84	277.70	278.85	C06521	1.15	<.03			
BG11-84	278.85	279.90	C06522	1.05	0.137	5% 1/8" 70% cse py vn's+stockwork@70+20		
BG11-84	279.90	280.80	C06523	0.90	0.069	1" 70% cse py vn@57 imm prec by flt; 0.05m bull qv@80		
BG11-84	280.80	282.00	C06525	1.20	<.03	1/8" chl vn w 20% cse d py@50-wk		
BG11-84	289.70	290.40	C06526	0.70	<.03			
BG11-85	12.20	13.30	C05400	1.10	<.03	1*30 cm w carb alt + ser/chl alt along fracs; ser/chl/fusc alt common throughout + sheared @30-50 w 1% fg py conc along fracs		
BG11-85	13.30	14.60	C05401	1.30	<.03	1*10 cm long chl flt @10; hly alt'd by ser/chl/carb w 2-3% fg py conc along sheared fracs		
BG11-85	14.60	15.50	C05402	0.90	<.03	hly alt'd by chl/ser/carb w carb vning; 2-3% fn to mg py along fracs incl 1*0.5 cm py filled frac @50		
BG11-85	15.50	16.40	C05403	0.90	<.03	gn to pk matrix w ser/chl alt + <0.1 cm wispy py filled fracs; 1*0.5 cm qtz-carb vn @70 w adj blk chl stringer vns		
BG11-85	19.00	20.30	C05404	1.30	<.03	sheared w ser/chl alt + qtz-carb vning; 1-2% fg py diss + ass w zones of carb + conc along ser/chl alt'd fracs		
BG11-85	20.30	21.75	C05405	1.45	<.03	1*15 cm zone w pk qtz vning @30 w adj 1-2% fg py conc along chl/ser wispy fracs		
BG11-85	21.75	23.15	C05406	1.40	<.03	sheared w ser/chl alt + qtz-carb vning + 1-2% fg py conc along fracs + carb alt in zones; 2*1 cm pk qtz vns @35-50		
BG11-85	23.15	24.60	C05407	1.45	<.03	as above		
BG11-85	24.60	26.00	C05408	1.40	<.03	as above		

Hole_ID	From	To	Sample_#	Length	Au ppm	Description	Au ppm_ck	Au ppm-ck2
BG11-85	26.00	26.80	C05409	0.80	<.03	as above		
BG11-85	26.80	27.65	C05410	0.85	<.03	as above; 1*0.5 cm qtz-carb vn @55 is alt'd by chl-ser + sheared/folded in parasitic folds		
BG11-85	27.65	28.60	C05411	0.95	<.03	as above; 2% <0.3 cm py filled fracs throughout w >60% py		
BG11-85	28.60	29.80	C05412	1.20	<.03	2*5-50 cm wide chl faults @40 w flt gouge; large flt w zone of broken chl flt gouge represents litho contact btw wacke/QFP; flt contains 1-2% diss py		
BG11-85	29.80	30.65	C05413	0.85	<.03	light pk porphyry w str ser/chl alt + 1-4% fn to mg diss py/py conc along fracs		
BG11-85	*30.65*	*31.15*	*C05414*	*0.50*	*<.03*	*1*0.5 cm py vn @70 w >80% cse euh py + adj <0.2 cm py filled fracs*		
BG11-85	31.15	32.00	C05416	0.85	0.069	1*10 cm zone w <0.2 cm skeletal py filled fracs		
BG11-85	32.00	33.00	C05417	1.00	<.03	2% wt qtz + qtz/carb vning incl 2*2-3 cm wt to grey qtz-carb vns @35-45		
BG11-85	33.00	34.50	C05418	1.50	<.03			
BG11-85	34.50	36.00	C05419	1.50	<.03	2% fn to mg py conc along <0.5 cm fracs/py vns + as diss blobs		
BG11-85	36.00	37.50	C05420	1.50	<.03	1% fn to mg py conc along <0.5 cm fracs		
BG11-85	37.50	39.00	C05421	1.50	<.03	1*0.5 cm wt qtz vn @40 in BC w >60% mg py; 1*5 cm flt w visible breccia w chl gouge + QFP clasts + tr fg py		
BG11-85	39.00	40.50	C05422	1.50	<.03	fsh pk porphyry w 1-2% wt qtz-carb vns + 1% fg fuschite clasts		
BG11-85	40.50	42.00	C05423	1.50	<.03			
BG11-85	42.00	42.90	C05424	0.90	<.03	1*4 cm angular qtz-chl-ser clast; hly alt'd by ser/chl w 2% <0.2 blk chl stringers @0-15		
BG11-85	42.90	43.90	C05425	1.00	<.03	2% wt qtz-carb vning @50-60; ser/chl alt throughout esp along whispy fracs + 1% fuschite clasts; blk chl alt along broken faces/along fracs		
BG11-85	43.90	44.90	C05426	1.00	<.03	as above		
BG11-85	44.90	46.20	C05427	1.30	<.03	as above; 1*0.2 cm chl slip @40 w 1% fg py		
BG11-85	46.20	47.50	C05428	1.30	<.03	as above		
BG11-85	47.50	48.80	C05429	1.30	<.03	1-2% fn to mg py conc along <0.3 cm fracs + diss as conc blobs/fg py		
BG11-85	48.80	49.85	C05430	1.05	<.03	1*2.5 cm qtz-carb vn @70 w metallic grey moly? alt + 1% fg py; 10*<0.3 cm py filled fracs		
BG11-85	49.85	51.00	C05431	1.15	<.03	2% py diss as fg py/as blobs of py + conc along whispy py filled fracs ass w zones w qtz/carb		
BG11-85	51.00	52.15	C05432	1.15	0.069	as above; 2% fuschite clasts within 1*60 cm zone where porphyry changes from pk to lime green w diss py + clear contact @0		
BG11-85	52.15	53.15	C05433	1.00	<.03	porphyry colouration changes to darker red w 3% blk skeletal chl filled fracs		
BG11-85	53.15	54.30	C05434	1.15	<.03	1-2% wt qtz-carb vning + blk chl filled fracs		
BG11-85	54.30	54.95	C05435	0.65	<.03	1*0.3 cm chl flt slip @60; py conc along <0.2 cm fracs		
BG11-85	54.95	55.70	C05436	0.75	2.057	**Start of Mineralized Zone: 1*7 cm py vn @55 w 60% cse py; 1*20 cm zone w 30% cse py conc along <1 cm fracs w a controlling flt structure @0-5; 1*8 cm py vn w >90% cse py**	2.057	2.057
BG11-85	55.70	56.40	C05437	0.70	0.069	**controlling chl flt structure continues @0-5 w adj 5-10% md to cse py ass w a <0.5 cm carb vn; 1*0.3 cm min'd chl-moly flt slip @50 w 3-5% py**		
BG11-85	**56.40**	**56.90**	**C05438**	**0.50**	**0.686**	**1*10 cm py vn @35 w >90% cse py contained on both sides by 2*0.3 cm chl-moly? slip faults @35;**		
BG11-85	56.90	58.00	C05440	1.10	<.03			
BG11-85	58.00	58.80	C05441	0.80	<.03	1*2 cm zone w 70% cse py conc along <0.4 cm py fracs; <0.2 cm py filled fracs throughout		
BG11-85	58.80	60.00	C05442	1.20	<.03	transition to lime green porphyry w 2% fn to mg diss py + 1% fuschite clasts + perv ser alt		
BG11-85	60.00	60.95	C05443	0.95	<.03	perv ser alt + tr fuschite clasts		
BG11-85	60.95	62.05	C05444	1.10	<.03	1*1.5 cm subangular fuschite clast w 1% <0.5 cm clasts throughout; 2% wt qtz-carb vning		
BG11-85	62.05	62.60	C05445	0.55	0.274	**1*22 cm sil'd zone w 20% stringy py vns + smaller py filled fracs @35-45 w >80% cse py**		
BG11-85	62.60	63.15	C05447	0.55	<.03	1*0.1 cm chl-moly? slip @35 w 3-5% fg py; 1-2% py conc along py filled fracs		
BG11-85	63.15	63.90	C05448	0.75	0.069	2-3% fg diss py + py conc along fracs + py vns incl 2*0.2-0.4 cm py vns @45-65		
BG11-85	63.90	64.85	C05449	0.95	<.03			
BG11-85	64.85	65.60	C05450	0.75	0.137	2*0.5-1 cm py vn w >90% cse euh py @35-45; 2% cse py conc along fracs + <0.3 cm py vns		
BG11-85	65.60	66.55	C05451	0.95	<.03	2% py conc along <0.5 cm py vns incl 1*1 cm py vn @55 w >80% v cse py + py filled fracs		
BG11-85	66.55	67.70	C05452	1.15	<.03	1*3 cm zone w >20% clear wt to glassy 0.5 cm phenos @50 w ass py filled fracs		
BG11-85	67.70	68.90	C05453	1.20	<.03	2% mg py diss + conc along fracs		
BG11-85	68.90	69.55	C05454	0.65	<.03	1*4 cm py-carb-qtz vn @25 w 15% cse euh py; vn adj to 1*0.9 cm chl frac flt @20		
BG11-85	69.55	70.95	C05455	1.40	0.069	3% md to cse py along <0.2 cm blk chl filled fracs gen @20-40		
BG11-85	70.95	71.80	C05456	0.85	<.03	1*20 cm chl-carb slip @25 w adj <0.2 cm stringy py filled fracs		

Hole_ID	From	To	Sample_#	Length	Au ppm	Description	Au ppm_ck	Au ppm-ck2
BG11-85	71.80	72.85	C05457	1.05	<.03			
BG11-85	72.85	73.70	C05458	0.85	<.03	3*1 cm py vns @35-50 w >80% cse euh py		
BG11-85	**73.70**	**75.00**	**C05459**	**1.30**	**0.960**	**1*5 cm grey qtz-carb-chl vn @35 w 2% fg py**		
BG11-85	75.00	76.05	C05460	1.05	<.03	grey qtz-carb vning incl 1*2 cm vn @30; 3% py ass w vning + conc along fracs + as py vns incl 1*0.3 cm py vn @35 w 80% cse euh py ass w blk qtz w adj 3% fg diss py		
BG11-85	76.05	77.50	C05461	1.45	<.03	2% fn to mg py diss + conc along fracs		
BG11-85	77.50	78.45	C05462	0.95	<.03	1*4 cm slightly sheared/chl'd/ser'd qtz-carb vn @65 w adj 2% fn to mg diss py + conc along chl'd fracs		
BG11-85	78.45	79.70	C05463	1.25	<.03	2-3% md to cse py conc along <0.5 cm qtz-py vns + along py filled fracs		
BG11-85	79.70	80.45	C05464	0.75	<.03	1*10 cm zone w 10% stringy py filled fracs gen @15-20; cse py also ass w zones w qtz-carb		
BG11-85	80.45	81.70	C05466	1.25	<.03			
BG11-85	81.70	82.60	C05467	0.90	0.480	1*1 cm py vn @30 w 80% cse euh py; 5% cse py also conc along stringy py vns/fracs + conc along qtz-carb vns incl 1*1 cm qtz-carb vn @45 w 10% cse py		
BG11-85	82.60	83.80	C05468	1.20	<.03	3% cse py conc along fracs		
BG11-85	83.80	85.00	C05469	1.20	<.03	1*0.5 cm py vn @35; 1*2 cm qtz-carb vn @35 w chl alt + 2% fg py		
BG11-85	85.00	86.10	C05470	1.10	<.03			
BG11-85	86.10	87.50	C05471	1.40	<.03	2% md to cse py conc along fracs		
BG11-85	87.50	88.50	C05472	1.00	<.03	1*1.5 cm qtz-py vn @20 w 50% cse euh py; py conc along chl'd fracs		
BG11-85	88.50	89.60	C05473	1.10	<.03	1*0.2 cm chl-carb slip @20		
BG11-85	89.60	90.45	C05474	0.85	<.03	1*1-3 cm qtz-py vn @25 w 80% cse py; 1*3 cm subrounded zone of qtz w 50% cse py		
BG11-85	90.45	91.65	C05476	1.20	<.03	3% md to cse py diss + conc along fracs		
BG11-85	91.65	92.85	C05477	1.20	<.03			
BG11-85	92.85	93.90	C05478	1.05	<.03	3% py along qtz-py vns incl 1*1 cm py-qtz vn @35 w 40% cse py		
BG11-85	93.90	95.15	C05479	1.25	<.03	increasingly sil'd w 1*5 cm qtz vn @60 w 1% mg py		
BG11-85	95.15	96.00	C05480	0.85	<.03	1*10 cm chl-carb slip @10; 1*5 cm zone w dol vning + ser/chl alt + 2% fg py conc along wispy fracs		
BG11-85	100.20	101.60	C05481	1.40	<.03	1*0.2 cm min'd chl-carb slip @40 w 3% fg py; hly sil'd w 2% mg diss py		
BG11-85	101.60	102.90	C05482	1.30	<.03	highly sil'd w vuggy qtz-carb vns + tr fuschite clasts + 2-3% fn to mg py along fracs/diss		
BG11-85	105.80	107.30	C05483	1.50	<.03	2-3% fn to mg py diss + conc along fracs + conc in zones w increased qtz phenos		
BG11-85	107.30	108.30	C05484	1.00	<.03	3% fn to mg py diss + conc along <0.2 cm wispy py fracs ass w zones w increased qtz		
BG11-85	110.90	112.10	C05485	1.20	<.03	2% fn to mg diss py + conc along fracs; blk chl'd fracs throughout		
BG11-85	114.45	115.45	C05486	1.00	<.03	ser'd + sil'd w 1*0.3 cm qtz-py vn @20 w 30% cse py; 2*0.5-1 cm qtz-dol vns @55		
BG11-85	115.45	116.25	C05487	0.80	<.03	1*3.5 cm wide qtz-dol vn @10 for 35 cm w 2-3% mg adj py + py conc along fracs		
BG11-85	116.25	117.40	C05489	1.15	<.03	1*0.2 cm chl gouge fault slip @45 w an adj 15 cm zone w qtz-dol vning + 2% mg diss py		
BG11-85	117.40	118.35	C05490	0.95	<.03	1*10 cm hly sil'd zone w hly visible glassy qtz phenos; 2% mg py diss + conc along fracs + ass w zones of qtz-carb vning		
BG11-85	118.35	119.85	C05491	1.50	<.03			
BG11-85	119.85	121.15	C05492	1.30	<.03			
BG11-85	*121.15*	*122.00*	*C05493*	*0.85*	*<.03*	*1*50 cm zone w a hly porphyritic texture w 60% wt to glassy qtz + feldspar phenos ranging up to 0.5 cm; 3-5% py diss + along py filled fracs + py vns incl 1*0.8 cm py vn @30 w 60% cse euh py*		
BG11-85	122.00	123.00	C05494	1.00	<.03	1-2% cse py conc along chl'd fracs; tr fuschite clasts		
BG11-85	123.00	124.00	C05495	1.00	<.03	1-2% cse diss py		
BG11-85	124.00	125.25	C05496	1.25	<.03			
BG11-85	127.00	128.10	C05497	1.10	<.03	1*0.2 cm ser-chl shear @55 w adj 2% mg diss py; colouration of porphyry changes from buff tan to pink w qtz-carb vning		
BG11-85	128.10	129.00	C05498	0.90	0.137	porphyry colouration changes from pk to steel grey w 1*1 cm py vn @55 w 50% cse py + tr moly?		
BG11-85	129.00	129.70	C05499	0.70	<.03	*steel grey unit continues w 5% fn to mg py diss + conc along <0.5 cm stringy fracs; 1*0.3 cm min'd chl-(moly?) slip @55 w 2% mg py*		
BG11-85	129.70	130.85	C07001	1.15	<.03	end of steel grey porphyry unit as colouration changes bk to lg pk to buff		
BG11-85	130.85	132.30	C07002	1.45	<.03	2-3% fn to mg py diss + conc along fracs		
BG11-85	132.30	133.70	C07003	1.40	<.03			
BG11-85	133.70	134.50	C07004	0.80	<.03	1*60 cm zone of alt incl 1*0.3 cm ser-chl shear @45 adj to zone w heavy ser-chl-fusc alt which overtakes porphyritic texture; 3% fn to mg py diss + conc along stringy fracs		

Hole_ID	From	To	Sample_#	Length	Au ppm	Description	Au ppm_ck	Au ppm-ck2
BG11-85	134.50	135.80	C07005	1.30	<.03	porphyry changes to more alt'd, lime green w hvy ser alt along frascs + 1-2% fuschite clasts + elongated glassy to wt phenos + 1-2% wt qtz-dol vning @35-55		
BG11-85	138.40	139.50	C07006	1.10	<.03	ser'd/chl'd gn porphyry w gn to wt <0.4 cm phenos + tr fusc alt'd phenos		
BG11-85	139.50	140.40	C07007	0.90	<.03	sil'd/chl'd contact btw gn alt'd porphyry and pk to buff porphyry w 3-5% cse diss py + py conc along fracs		
BG11-85	140.40	141.50	C07008	1.10	<.03	pk to buff porphyry w subrounded wt to glassy qtz-felds phenos		
BG11-85	141.50	142.45	C07009	0.95	<.03	3% py conc along <0.3 cm fracs + diss in groundmass		
BG11-85	142.45	143.65	C07010	1.20	<.03	3% py conc along <0.3 cm fracs + diss in groundmass		
BG11-85	148.50	149.90	C07011	1.40	<.03	hly sil'd w 2-3% fn to mg diss py		
BG11-85	149.90	151.30	C07012	1.40	<.03	chl alt along fracs; 1-2% fn to mg diss py		
BG11-85	151.30	152.35	C07013	1.05	<.03	hly fractured w py filled fracs + 2% md to cse diss py		
BG11-85	152.35	153.00	C07014	0.65	0.480	**5% py conc along <0.5 cm stringy py filled fracs w >70% cse py + 1*2 cm py vn @35 w >90% cse py w ass moly alt?; sil'd w 2% cse diss py + orange to wt carb along fracs**		
BG11-85	153.00	153.90	C07016	0.90	<.03	2-3% md to cse py conc along fracs		
BG11-85	153.90	155.30	C07017	1.40	<.03	chl alt along fracs + fn to mg py conc along other <0.3 cm fracs; tr fusc clasts		
BG11-85	155.30	156.75	C07018	1.45	<.03			
BG11-85	156.75	157.90	C07019	1.15	<.03	1*0.7 cm qtz-carb vn @15 w 10% mg py + chl alt; 2-3% mg diss py conc in grey sil'd zones		
BG11-85	157.90	159.00	C07020	1.10	<.03	1*1 cm qtz-carb vn @0 w 10% cse py; 2-3% cse diss py + py conc along fracs + along py vns incl 1*0.3 cm py vn @55 within grey sil'd zone		
BG11-85	159.00	159.70	C07021	0.70	0.069			
BG11-85	159.70	160.20	C07022	0.50	0.480	**1*10 cm py vn @50 TCA w >90% cse py w an adj zone w sil/carb alt + 1*1 cm py vn @30 w >80% cse py; py filled fracs throughout**		
BG11-85	160.20	161.50	C07024	1.30	<.03	1*2.5 cm qtz-dol vn @0 w chl alt along edges + 1% mg py; py conc along fracs		
BG11-85	161.50	162.20	C07025	0.70	<.03	2*10 cm zones w 5% py vning + py filled fracs gen @60 TCA and ass w dol alt		
BG11-85	162.20	163.50	C07026	1.30	<.03	hly sil'd and slightly bleached w 1*0.5 cm dol vn @40 w 3% cse py		
BG11-85	163.50	165.00	C07027	1.50	<.03	chl'd + py filled fracs; 1*0.6 cm py vn @40 w 80% cse py		
BG11-85	165.00	166.40	C07028	1.40	<.03			
BG11-85	166.40	167.60	C07029	1.20	<.03	vuggy dol-ank vns @0; 1*0.2 cm chl mud gouge flt @50; 2*0.2 cm py vns @40-60		
BG11-85	167.60	168.80	C07030	1.20	<.03			
BG11-85	168.80	170.20	C07031	1.40	<.03			
BG11-85	170.20	171.00	C07032	0.80	<.03	*1*3 cm py vn @40 w >90% cse py ass w dk grey qtz + an adj 6 cm zone w 3-5% py along py stringer vns; py filled fracs throughout*		
BG11-85	171.00	172.30	C07033	1.30	<.03	porphyry changes to steel grey w 1-2% <0.3 cm blk alt spots, poss tourmaline overprinting qtz phenos		
BG11-85	172.30	173.50	C07034	1.20	<.03	5-8% blk spot alt (poss tourmaline?) some also along fracs; 1-2% fn to mg diss py		
BG11-85	173.50	174.80	C07035	1.30	<.03	1-2% blk spot alt; 1*0.5 cm alt'd qtz-carb vn @35 w 3% mg py + overprinting blk alt		
BG11-85	174.80	176.20	C07036	1.40	<.03	2% blk spot alt; 1*1 cm chl-qtz-carb shear @65		
BG11-85	176.20	177.60	C07037	1.40	<.03	2% blk spot alt + 3% fn to mg diss py + along whispy fracs; poss moly alt along slip faces		
BG11-85	177.60	178.60	C07038	1.00	0.274			
BG11-85	178.60	180.00	C07039	1.40	<.03			
BG11-85	180.00	181.00	C07040	1.00	<.03			
BG11-85	181.00	182.30	C07041	1.30	<.03			
BG11-85	182.30	183.70	C07042	1.40	<.03			
BG11-85	183.70	185.10	C07043	1.40	<.03			
BG11-85	185.10	186.20	C07044	1.40	<.03	rod count at 186m (actual length at 1.4m not 1.1m, due to change over in core barrel from 3m to 6m back to 3m from 162 to 186m interval) all sample lengths between 162 to 186m are actual and correct		
BG11-85	187.80	189.00	C07045	1.20	<.03			
BG11-85	189.00	190.00	C07046	1.00	<.03	moderate frac'ing with weak ser alt'n near end of sample; <1% py		
BG11-85	190.00	191.00	C07048	1.00	<.03	mod to stong silicification + ser patches; 30-35% grey-white qtz-dol; 1-3% remob'd fg py in clots; sub angular bx with mod frac'ing		
BG11-85	191.00	192.00	C07049	1.00	<.03	as above but less py, qtz-dol and frac'ing		
BG11-85	192.00	192.90	C07050	0.90	<.03	as above but less py, qtz-dol and frac'ing		
BG11-85	192.90	193.70	C07051	0.80	<.03	sil'n + bx ends mid sample; tr py		

Hole_ID	From	To	Sample_#	Length	Au ppm	Description	Au ppm_ck	Au ppm-ck2
BG11-85	193.70	195.00	C07052	1.30	<.03	weak to mod tight frac's with qtz+tr py		
BG11-85	195.00	196.30	C07053	1.30	<.03	196 to 196.2m weak subtle shear at 30 deg TCA; <1% py in matrix		
BG11-85	201.00	202.50	C07054	1.50	<.03	moderate frac's tight with chl+qtz+ qtz-dol in network frac'ing; tr py in matrix		
BG11-85	202.50	203.20	C07055	0.70	<.03	1-2%py in irregular weak frac'ing with white to grey qtz+chl		
BG11-85	203.20	204.40	C07056	1.20	<.03	tr py, weak frac'ing		
BG11-85	**204.40**	**205.40**	**C07057**	**1.00**	**0.960**	**strong brittle frac'ing with white qt; multiple flt slips at 45 to 55 deg TCA with chl+qtz+1-2% py**		
BG11-85	205.40	206.60	C07058	1.20	<.03	contact at 205.9m with 1.5cm wide qtz + chl at 55 deg TCA; 206.1 to 206.35m 1-3% brassy py in 1-2mm wide frac's at 20 deg TCA		
BG11-85	206.60	207.30	C07059	0.70	<.03	nil py; 15% qtz-dol vn'ing		
BG11-85	208.60	209.40	C07060	0.80	0.069	four 2mm wide frac's with qtz+py at 45 to 50 deg TCA		
BG11-85	209.40	210.40	C07061	1.00	<.03	two 2mm wide frac's with brassy py; 1% py overall		
BG11-85	210.40	211.40	C07062	1.00	<.03	5-10% qtz-dol vn'ing		
BG11-85	211.40	212.80	C07063	1.40	<.03	infrequent irregular discontinuous vn's 1-3mm wide with 3-5% brassy py		
BG11-85	212.80	213.80	C07064	1.00	<.03	<1% py in chl +qtz vn's		
BG11-85	213.80	214.50	C07065	0.70	<.03	weak fol'n fabric at 65 deg TCA; <1% py		
BG11-85	**214.50**	**215.40**	**C07066**	**0.90**	**0.617**	**mod sheared section with 3-5% brassy py in frac-slips at 65 deg TCA; 10-15% cream white qtz-dol vn'ing**		
BG11-85	215.40	216.50	C07068	1.10	0.069	as with 214.5 to 215.4m but less frac's with py disconrdant with early fabric shear		
BG11-85	216.50	217.20	C07069	0.70	<.03	10-15% subpararllel qtz-dol vn'ing; tr py		
BG11-85	217.20	218.00	C07070	0.80	0.069	flt at contact at 217.2m between Diorite Bx - QFP; QFP strong micro frac'ing with white qtz; 217.75m chl flt-slips at 65 deg TCA		
BG11-85	218.00	219.00	C07071	1.00	<.03	weak frac'ing tr py		
BG11-85	223.60	224.80	C07072	1.20	<.03	223.75m 3mm qtz vn with 5% py at 65 deg TCA; QFP-Diorite contact at 224.4m; 224.7m qtz vn with 3% py 70 deg TCA		
BG11-85	224.80	226.30	C07073	1.50	0.069	225.6m 2cm white chl vn with 8% py; 226.22m 1cm wide chl+qtz vn with 20% py at 75 deg TCA		
BG11-85	229.70	230.70	C07074	1.00	<.03	infrequent discontinuous frac's-qtz vn's with 1-2% py; 10%-20% qtz-dol vn'ing; 230.56m Diorite-QFP contact		
BG11-85	230.70	231.50	C07075	0.80	1.063	three sub-parallel py - qtz vn's at 55 deg TCA 0.2 to 1cm wide; overall 2-3% py	1.097	1.029
BG11-85	231.50	233.00	C07076	1.50	<.03	232.2 to 232.8m ser dyke? Lamp Dyke; with fol'n fabric 40-50 deg TCA, 3-5% py in small clots		
BG11-85	233.00	234.30	C07077	1.30	<.03	weak frac'ing in QFP; contact Diorite Bx at 234 with fabric at 45 deg TCA with 3-5% diss py		
BG11-85	236.55	237.80	C07079	1.25	<.03	contact btw felsic dyke/FP at a 2 cm qtz-dol vn @45 w adj ser/chl alt + 2% fg diss py		
BG11-85	237.80	238.60	C07080	0.80	<.03	1*25 cm zone w 5% <0.5 cm wispy py filled fracs w >80% cse py		
BG11-85	238.60	240.00	C07081	1.40	<.03	weak fracturing in QFP, some chl'd hosting 1-2% mg py		
BG11-85	240.00	240.85	C07082	0.85	0.274	QFP/diorite breccia contact w 1-3 cm whispy py-qtz-dol vns @0-10 w 80% cse py		
BG11-85	240.85	242.00	C07083	1.15	<.03	3% mg diss py conc in chl'd zones + along chl'd fracs		
BG11-85	242.00	242.80	C07084	0.80	<.03	hly chl'd in 30 cm zone w 3-5% md to cse diss py + 1*4 cm zone w >60% cse py in qtz-carb		
BG11-85	242.80	243.75	C07085	0.95	0.206	1*1 cm qtz-dol vn @65; 3% md to cse py diss in chl alt zones with carb		
BG11-85	243.75	244.45	C07086	0.70	0.206	1*1 cm hly chl'd qtz-carb vn @40 w 15% mg py + 1*3 cm qtz-carb vn @55 w 50% cse py		
BG11-85	244.45	245.50	C07087	1.05	0.069	diorite breccia/QFP contact w 2% mg diss py /leux flecs in diorite + py filled fracs in QFP; contact irr at 1*2 cm qtz dol vn w adj 3% mg py		
BG11-85	245.50	246.80	C07088	1.30	<.03	1-2% discontinuos py filled fracs + tr <0.3 cm fuchsite clasts; 1*2 cm qtz-dol vn @45		
BG11-85	246.80	248.15	C07089	1.35	<.03	1-2% discontinuos py filled fracs + tr <0.3 cm fuchsite clasts		
BG11-85	248.15	249.55	C07090	1.40	<.03	1-2% discontinuos py filled fracs gen @20-25 TCA		
BG11-85	249.55	250.95	C07091	1.40	<.03			
BG11-85	250.95	252.30	C07092	1.35	0.069	2*0.5 cm py vns @40-50 w 70% cse py		
BG11-85	252.30	253.40	C07093	1.10	0.274	hly ser'd along fracs + <0.3 cm dol veinlets throughout; 1*1 cm py vn @55 w 70% cse py		
BG11-85	253.40	254.85	C07094	1.45	0.137	1*1 cm dol vn @55 w 20% cse py; 1*0.5 cm py vn @50		
BG11-85	255.95	257.05	C07095	1.10	0.343	1*2.5 cm dol-qtz vn @40 w 5% mg py + overprinting blk <0.1 cm spots (poss tourmaline?)		
BG11-85	257.05	258.30	C07096	1.25	0.274	QFP/diorite breccia contact w wk chl'd fracs in QFP some w py + ser alt in diorite w 1*0.5 cm py vn @45		
BG11-85	258.30	259.60	C07097	1.30	0.206	diorite breccia w 3% wt dol vning + 2% diss mg py/py conc along chl'd fracs		
BG11-85	259.60	261.00	C07098	1.40	<.03	diorite breccia w 3% wt dol vning + 2% diss mg py/py conc along chl'd fracs		

Hole_ID	From	To	Sample_#	Length	Au ppm	Description	Au ppm_ck	Au ppm-ck2
BG11-85	261.00	262.15	C07099	1.15	<.03			
BG11-85	262.15	263.15	C07100	1.00	0.206	1*3 cm wt to grey qtz vn @45 w 2-3% adj mg py diss + conc along chl'd fracs		
BG11-85	263.15	264.00	C07102	0.85	0.069	2-3% mg py diss + conc along chl'd fracs		
BG11-85	266.35	267.80	C07103	1.45	0.274	contact btw felsic dyke/diorite breccia; 1*0.2 cm dol vn @75 w 1% fg py		
BG11-85	267.80	268.60	C07104	0.80	0.480	*1*8 cm zone w wt to grey qtz vning w 5% v cse euh py; 3% mg diss py*		
BG11-85	268.60	269.55	C07106	0.95	1.954	1*3 cm qtz vn @45w blk qtz + 3% mg py; 2% mg diss py + py conc along fracs	1.714	2.194
BG11-85	**269.55**	**270.60**	**C07107**	**1.05**	**0.686**	**sheared diorite breccia w ser/chl alt @45 + 2-3% py conc along fracs**		
BG11-85	**270.60**	**271.50**	**C07108**	**0.90**	**0.754**	**diorite breccia/QFP contact at 1*3 cm qtz vn w blk qtz + 3% mg diss py @45; porphyry pk in colour w py filled fracs + 1*3 cm bull qtz-dol vn @45**		
BG11-85	271.50	272.70	C07109	1.20	<.03	porphyry transitions to light tan w 3% mg py diss + conc along disc py fracs; 1*3.5 cm subrounded fuchsite clast w 1*0.3 cm crosscuttin py filled frac @20		
BG11-85	272.70	273.70	C07110	1.00	0.069	1*3 cm vuggy qtz-dol vn @25 w sheared wispy ser/chl alt + 3-5% mg py; 1*0.5 cm py vn @60		
BG11-85	273.70	274.80	C07111	1.10	0.069	3% fn to mg py along <0.2 cm blk chl/sil filled fracs		
BG11-85	274.80	275.80	C07112	1.00	<.03	2% md to cse py conc along disc chl'd fracs + fg diss		
BG11-85	275.80	277.05	C07113	1.25	0.137			
BG11-85	277.05	277.95	C07114	0.90	0.343	2-3% mg py conc along <0.2 cm fracs		
BG11-85	*277.95*	*279.00*	*C07115*	*1.05*	*0.069*	*5% md to cse py conc along <1 cm chl'd fracs gen @40-90 TCA + diss in chl'd zones; 1*2.5 cm qtz vn @35 w 3% mg py; 2-3% fg diss py*		
BG11-85	279.00	280.50	C07116	1.50	0.069	2-3% fg diss py + py conc along fracs		
BG11-85	280.50	281.90	C07117	1.40	0.206	2-3% fg diss py + py conc along chl'd fracs		
BG11-85	281.90	283.30	C07118	1.40	0.069	colour changes to steel grey around 1*0.4 cm qtz-dol vn @20 w ser-chl alt + 2% brassy cse py		
BG11-85	283.30	284.80	C07119	1.50	0.137			
BG11-85	284.80	286.15	C07120	1.35	0.069	2% brassy cse py diss in chl'd zones + conc along <0.2 cm fracs		
BG11-85	286.15	287.50	C07121	1.35	<.03	1*1 cm hly chl'd qtz-dol vn @20, serrated poss slip flt?		
BG11-85	290.70	291.60	C07122	0.90	<.03	1*0.5 cm dol-chl vn @0-15 w 3% mg py		
BG11-85	291.60	292.70	C07123	1.10	<.03	1*2 cm qtz-dol vn @30 w blk sil stringers + chl alt along vein margins + 2% mg py		
BG11-85	292.70	293.85	C07124	1.15	0.274	2% mg py conc along <0.5 cm blk chl'd fracs; 1*0.2 cm chl slip @55 w an adj ser shear		
BG11-85	294.45	295.95	C07125	1.50	<.03	1*2 cm chl'd qtz-dol vn @25 w tr mg py; 1-2% fn to mg py conc along <0.2 cm chl'd fracs		
BG11-85	295.95	297.35	C07126	1.40	<.03	1-2% fn to mg py conc along chl'd fracs + 1*1 cm chl'd qtz-dol vn @25		
BG11-85	298.40	299.30	C07127	0.90	<.03	3-5% cse diss py + py conc along <0.2 cm chl'd fracs		
BG11-85	299.30	300.35	C07128	1.40	<.03	1*15 cm chl-dol-ser slip @10 w adj 1-2% fn to mg diss py		
BG11-85	300.35	301.60	C07129	1.50	<.03	4*<1.5 cm qtz-dol vns @45-55 w chl/ser alt + adj 2% mg diss py/py filled fracs		
BG11-85	301.60	303.00	C07130	1.40	<.03	1-2% fn to mg py conc along fracs; tr subangular <0.5 cm fuchsite clasts		
BG11-85	303.00	304.50	C07131	1.50	<.03	porphyry transitions from grey gn to light tan w 1-2% fg diss py + chl/ser alt		
BG11-85	304.50	305.65	C07132	1.15	0.069			
BG11-85	*305.65*	*306.70*	*C07133*	*1.05*	*<.03*	*1*2 cm qtz-dol-py vn @50 w blk qtz + 5% cse euh py; 1*12 cm dk grey to blk sil'd zone w 5% fn to mg diss py + py conc along chl'd fracs*		
BG11-85	306.70	307.80	C07134	1.10	0.480	1*5 cm hly ser'd qtz-dol vn @30 w 3% mg py conc along chl alt'd vn margins; tr fuchsitic clasts + 2-3% mg diss py; 1*0.3 cm qtz-chl-py vn @15 w 5% v cse euh py	checked reject of 7134 - d	
BG11-85	307.80	309.00	C07136	1.20	0.137	2-3% fn to mg brassy diss py + conc along chl'd fracs		
BG11-85	309.00	310.50	C07137	1.50	0.206	1*1 cm grey qtz vn @35 w 2% fn to cse euh py		
BG11-85	310.50	311.80	C07138	1.30	<.03	2-3% fn to mg brassy diss py + conc along chl'd fracs; 1*1 cm qtz-dol vn @70		
BG11-85	311.80	312.90	C07139	1.10	<.03	hly sil'd/ser'd w 5% mg to cse euh py diss + conc along fracs		
BG11-85	312.90	313.70	C07140	0.80	<.03	2*1-1.5 cm qtz-dol vns @60 w adj chl'd stringy fracs w 1-2% fn to mg py; 1*8 cm zone w 10% mg diss py; 3% md to cse diss py + conc along disc fracs		
BG11-85	313.70	315.00	C07142	1.30	<.03	ser'd/chl'd in zones w 3% fn to mg py conc along <0.2 cm fracs + diss incl 1*10 cm zone w cse blebs of py		
BG11-85	315.00	316.15	C07143	1.15	<.03	1*1 cm dol vn @45 w ser alt +1-2% fg py		
BG11-85	316.15	317.65	C07144	1.50	<.03	1*45 cm zone of diff porphyry w ser/chl alt + <0.5 cm glassy to wt phenos + gn phenos/resorbed <2 cm clasts; 1-2% fg diss py		
BG11-85	317.65	319.15	C07145	1.50	<.03	1*2 cm dol-qtz vn @60 w adj ser alt + 3% v cse euh py conc within chl'd zones		
BG11-85	319.15	320.65	C07146	1.50	<.03	tr fuchsitic clasts + 2-3% mg diss py/py conc along fracs		

Hole_ID	From	To	Sample_#	Length	Au ppm	Description	Au ppm_ck	Au ppm-ck2
BG11-85	320.65	322.05	C07147	1.40	<.03	2-3% mg diss py + py conc along fracs		
BG11-85	327.65	328.95	C07148	1.30	0.069	1-2% mg diss py + py conc along fracs		
BG11-85	328.95	330.25	C07149	1.30	<.03	1*60 cm dk gn zone w tr red + gn chl'd phenos; 1-2% fn to mg py conc along chl'd fracs		
BG11-85	332.50	333.70	C07150	1.20	<.03	1-2% fg py conc along chl'd fracs		
BG11-85	334.70	336.00	C07151	1.30	<.03	1*0.2 cm chl slip @50 w 2% fg py		
BG11-85	336.00	337.15	C07152	1.15	<.03	1*0.2 cm chl-dol slip @65 w 2% fg py		
BG11-85	337.15	338.30	C07153	1.15	<.03	1*7 cm blk qtz-chl flt @60 w flt breccia + gouge; 5% qtz-dol vning @65-75		
BG11-85	338.30	339.30	C07154	1.00	<.03	min'd contact btw QFP/diorite breccia w 3% mg py; sheared @40 w ser/chl alt		
BG11-85	339.30	340.80	C07155	1.50	<.03	transitions back from diorite breccia to light grey QFP		
BG11-85	340.80	342.00	C07156	1.20	<.03	grey porphyry w chl'd fracs w tr fg diss py		
BG11-85	349.40	350.60	C07157	1.20	<.03	transition to red porphyry w 2-3% fn to mg diss py + py conc along <0.2 cm chl'd fracs		
BG11-85	350.60	351.95	C07158	1.35	0.343	fresh red porphyry w strong porphyritic texture of wt phenos + 3-5% fn to mg diss py/conc along chl'd fracs		
BG11-85	351.95	353.40	C07159	1.45	0.343	2-3% mg diss py + py conc in chl'd zones		
BG11-85	353.40	354.80	C07160	1.40	<.03	3-5% fg diss py; ser'd along <0.1 cm hairline fracs		
BG11-85	358.85	360.25	C07161	1.40	<.03	1*0.3 cm py vn @30 ass w ser'd/chl'd zone; 1*2 cm qtz-dol vn @45		
BG11-85	360.25	361.55	C07162	1.30	<.03	contact btw QFP/diorite breccia @75 TCA - contact sharp but see 3 cm rounded inclusion of diorite breccia within QFP + small zones of QFP in diorite breccia - poss partial melting		
BG11-85	361.55	362.85	C07163	1.30	<.03	1% fg diss py + py conc along chl'd fracs; 1*3 cm qtz-dol vn @65 w 2% fg py ass w chl/ser alt on vn margins		
BG11-85	362.85	364.00	C07164	1.15	<.03	contact btw sheared diorite breccia and fresher diorite w 1-2% md to cse euh py conc in chl'd zones		
BG11-85	364.00	365.00	C07165	1.00	<.03	1*60 cm red zone w contacts @60 poss due to hem alt? w 1-2% cse py along chl'd fracs		
BG11-85	365.00	366.00	C07166	1.00	<.03	diorite breccia within larger diorite unit w 2% wt dol vning + 1% fg diss py/py conc along fracs		
BG11-85	366.00	367.05	C07167	1.05	0.274	carb-chl alt'd zone w 2% fg py along <0.4 cm carb veinlets @65		
BG11-85	**371.35**	**372.35**	**C07168**	**1.00**	**0.754**	**diorite w 1% wt dol vning +1-2% fn to mg py diss in chl'd zones**		
BG11-85	375.20	376.70	C07169	1.50	<.03	1*4 cm qtz-dol vn @75 w 2% spec hem + fg py; hly chl'd w <0.5 cm dol vns one hosting 1*1.5 cm py bleb w mg py		
BG11-85	381.00	382.25	C07170	1.25	<.03	hly chl'd w chl clasts + <1% wt dol vning		
BG11-85	382.25	383.15	C07171	0.90	<.03	hly chl'd w chl clasts hosting 2% mg py; mild ser alt along fracs		
BG11-85	383.15	384.20	C07172	1.05	<.03	1*4 cm qtz-dol-chl shear @70 w 2% fg py ass w chl alt + an adj 2 cm qtz-dol vn		
BG11-85	384.20	385.35	C07173	1.15	0.274	hly chl'd w 2% mg py diss in chl'd zones; 1-2% qtz-dol vning @50-60		
BG11-85	390.00	391.15	C07174	1.15	<.03	1*15 cm rounded sil'd clast w 1-2% fg diss py		
BG11-85	391.15	**392.35**	C07175	1.20	0.411			
BG11-85	392.35	393.25	C07176	0.90	<.03	diorite breccia/FP contact @70 TCA; >7*<0.5 cm py filled fracs @35-65 TCA; 1*1 cm chl'd qtz-dol vn @35 w 5% mg py		
BG11-85	**393.25**	**394.25**	**C07177**	**1.00**	**0.754**	**red FP w 5*<0.8 cm py filled fracs @35-60 TCA w >70% cse euh py; tr fg diss py**		
BG11-85	394.25	395.40	C07179	1.15	0.206	2*0.5-1 cm wt to pk qtz-dol-ank vns @10-15 w hem alt on vn margins + 2% spec hem; 3*<0.5 cm py filed fracs @45		
BG11-85	395.40	396.85	C07180	1.45	0.274	1% fg diss py + 3*<0.5 cm py filled fracs/chl'd dol vns w ass cse euh py @50-55		
BG11-85	**396.85**	**397.80**	**C07181**	**0.95**	**0.617**	**1*0.5 cm wt qtz-dol vn @20 w an adj 5 cm zone w 5% fn to mg diss py/py conc along <0.2 cm chl'd fracs; 2% fg diss py + py conc along chl'd fracs @30**		
BG11-85	397.80	398.75	C07183	0.95	1.269	chl'd in zones w 2% md to cse diss py + py conc along chl'd fracs; 1*1 cm wt dol vn @20	1.371	1.166
BG11-85	398.75	399.65	C07184	0.90	1.098	chl'd w 2-3% mg diss py; 1*6 cm zone of qtz-dol vning @35 w adj 2% fn to mg py conc along chl'd fracs	1.166	1.029
BG11-85	399.65	400.80	C07185	1.15	0.069	5*<0.5 cm py filled chl'd fracs		
BG11-85	**400.80**	**401.80**	**C07186**	**1.00**	**0.960**	**FP/diorite breccia contact @65 TCA; 2% fg diss py in FP w <1% py along fracs in DB**		
BG11-85	401.80	403.00	C07187	1.20	<.03	hly chl'd diorite breccia w large zones of chl btw resorbed subrounded breccia clasts; 1-2% wt dol vning w 1% mg py on margins; pk sil alt in groundmass + on clasts		
BG11-85	403.00	404.10	C07188	1.10	<.03	1*10 cm qtz-dol-chl flt bx @55; 1-2% mg diss py conc in chl'd zones		
BG11-85	404.10	405.00	C07189	0.90	<.03	2*0.5-1 cm py vns @30-50 w 70% mg py		
BG11-85	405.00	405.90	C07190	0.90	<.03	1*4 cm chl flt slip + adj qtz-dol vn @55; 1% mg diss py conc in chl'd zones		
BG11-85	405.90	406.90	C07191	1.00	<.03	1*1 cm py vn @60 w 80% mg py; 1% md to cse diss py conc in chl'd zones/fracs		
BG11-85	406.90	408.30	C07192	1.40	<.03	2*1 cm py vns @44-55 w 70% cse py; 1*1 cm chl'd dol vn @35		

Hole_ID	From	To	Sample_#	Length	Au ppm	Description	Au ppm_ck	Au ppm-ck2
BG11-85	408.30	409.80	C07193	1.50	<.03	fresh dk gn diorite breccia w rare subrounded clasts + 1% mg py diss in chl'd zones as blebs + conc along late dol vns		
BG11-85	409.80	411.00	C07194	1.20	<.03	1-2% mg py conc within chl'd zones		
BG11-85	411.00	411.95	C07195	0.95	<.03	2% mg py conc within chl'd zones incl <1 cm dk gn chl clasts; 1*1 cm dol vn @40 w 1% fg py		
BG11-85	414.00	415.50	C07196	1.50	<.03	1*10 cm brecciated dol vn @45 w thin blk stringers + red syenite clasts?; 2% fn to mg py conc along chl'd fracs		
BG11-85	415.50	417.00	C07197	1.50	<.03			
BG11-85	417.00	418.35	C07198	1.35	<.03	contact btw diorite breccia/syenite at chl slip @45; hly ser'd/chl'd in DB w carb vning + 2% mg diss py		
BG11-85	418.35	419.55	C07199	1.20	<.03	strong 1*4 cm chl flt w gouge + adj qtz-dol vn @70; 1*2 cm qtz-dol vn @70 w blk qtz stringers + hvy chl/ser alt on vn margins; chl clasts throughout + tr py in chl zones/along dol vns		
BG11-85	419.55	420.30	C07200	0.75	<.03	ser'd/chl'd w 1*1 cm py vn @60 w 3% mg py within chl-dol w ass hem alt		
BG11-85	423.35	424.75	C07201	1.40	<.03	trachyte unit w subrounded <1 cm chl clasts + tr py in 1*<0.5 cm dol vn		
BG11-85	424.75	425.45	C07202	0.70	<.03	trachyte unit w 1*1.5 cm rare qtz-dol vn w blk qtz @30 w adj 10% cse euh py		
BG11-85	425.45	426.60	C07204	1.15	<.03	hly alt'd w red sil + chl + ser alt; subrounded hem clasts; tr py in chl'd zones		
BG11-85	426.60	427.70	C07205	1.10	<.03			
BG11-85	435.00	436.00	C07206	1.00	<.03	contact btw syenite/chill zone on margin of BFP w tr mg py conc within blebs near 1*0.8 cm dol-qtz vn @60		
BG11-85	436.00	437.15	C07207	1.15	<.03	contact btw chill zone/bimodal feldspar porphyry		
BG11-85	448.10	449.30	C07208	1.20	<.03	fresh bimodal feldspar porphyry w 4*<1 cm qtz-dol vns @55-65		
BG11-85	449.30	450.25	C07209	0.95	<.03	contact btw bimodal feldspar porphyry/diorite at 3 cm dol-chl flt @70 w visible gouge + breccia; slightly sheared around flt w 1-2% fg diss py		
BG11-85	450.25	451.55	C07210	1.30	<.03	1-2% fg diss py + qtz-dol vning @70-90 TCA		
BG11-85	451.55	453.00	C07212	1.45	<.03	1*2 cm chl-dol slip @70 TCA; 3% <0.2 cm leux flecs + tr py along fracs		
BG11-85	454.80	455.95	C07213	1.15	<.03	1*5 cm brecciated zone w <2 cm rounded qtz clasts; chl'd in zones w 1-2% fg diss py + 2*1 cm dol vns @35-45 w 2% mg py		
BG11-85	457.30	458.45	C07214	1.15	<.03	fresh diorite w 1% wt dol vning incl 1*0.3 cm dol vn @30 w 1% cse euh py; 1% mg diss py		
BG11-85	466.60	467.50	C07215	0.90	<.03	1*12 cm grey sil'd zone + 2*2 cm qtz-dol vns @50-55 TCA		
BG11-85	472.90	474.00	C07216	1.10	<.03	hly chl'd w tr fg diss py + 2*1-4 cm wt to pk dol vns @40-55 TCA		
BG11-85	474.00	474.95	C07217	0.95	<.03	2% fn to mg diss py + 1*1 cm chl'd qtz-dol vn @50 w 2% mg brassy py		
BG11-85	474.95	476.10	C07218	1.15	<.03	transition out of fresh diorite into more diorite breccia zone w qtz-dol vning + 1-2% diss py		
BG11-85	476.10	477.30	C07219	1.20	<.03	3*1 cm dol vns @45-50 w 5% mg py; 1*4 cm qtz-dol vn @45 w tr fg py		
BG11-85	478.60	479.85	C07220	1.25	<.03	1*3 cm grey qtz vn @45 w 2% fg py; 1-2% mg diss py conc along chl'd fracs		
BG11-85	479.85	481.00	C07221	1.15	<.03	1*1 cm py vn @55 ass w pk dol vning + 1-2% adj mg diss py/py conc along chl'd fracs		
BG11-85	484.15	485.40	C07222	1.25	0.069	1-2% mg diss brassy py; 1*17 cm pk porphyritic intrusion w rounded glassy phenos		
BG11-85	485.40	486.60	C07223	1.20	<.03	1-2% fn to mg diss py/py conc along chl'd fracs; pk to wt qtz-dol vning		
BG11-85	486.60	487.50	C07224	0.90	0.137	diorite breccia/syenite contact w 1*15 cm qtz-dol vn @35 w blk qtz stringers + 3-5% mg py		
BG11-85	487.50	488.60	C07226	1.10	<.03			
BG11-85	488.60	489.75	C07227	1.15	<.03	1% fg py conc along fracs + chl'd dol vns @40		
BG11-85	**491.60**	**492.70**	**C07228**	**1.10**	**0.686**	**sil'd w pk sil w 3% fg diss py**		
BG11-85	492.70	493.75	C07229	1.05	<.03	contact btw syenite/highly alt'd tan porphyry; qtz-dol vning + 1-2% mg py		
BG11-85	494.70	495.80	C07230	1.10	<.03	1*7 cm ser-chl shear w adj qtz-dol vn @70 w tr fg diss py; fn to mg py conc along fracs		
BG11-85	495.80	497.10	C07231	1.30	<.03	1*1 cm chl'd qtz-dol vn @30 w 2% fg py; 1% fn to mg py conc along fracs/qtz-dol vns		
BG11-85	503.40	504.80	C07232	1.40	<.03	3% qtz-dol vning; hly alt'd w ser/chl alt + 2% <0.5 cm fuchsitic clasts throughout		
BG11-85	506.65	507.60	C07233	0.95	<.03	1% fg diss py/py conc along fracs		
BG11-85	507.60	509.05	C07234	1.45	<.03	indirect contact btw QFP/syenite w 1-2% fn to mg diss py; chl'd fracs + zones w green matrix colouration and fuch clasts similar to porphyry above		
BG11-85	*509.05*	*510.00*	*C07235*	*0.95*	*<.03*	***poss 10 vein structure?*** *2% py conc along fracs; 2% dol/qtz-dol vning; 1*15 cm zone w green matrix colour due to chl-ser-fuch alt*		
BG11-85	510.00	510.90	C07236	0.90	<.03	*as described in 509.05-510.00; fresh red syenite w 2-3% py filled fracs + wt qtz-dol vning*		
BG11-85	510.90	511.80	C07237	0.90	<.03	as described in 509.05-510.00; 1*30 cm lime green alt'd zone w 3% fg diss py + qtz-dol vning before move into fresh red syenite		
BG11-85	511.80	513.00	C07239	1.20	<.03	hly alt'd w chl-ser-hem-carb alt + tr fuchsite clasts + 1% fn to mg diss py		

Hole_ID	From	To	Sample_#	Length	Au ppm	Description	Au ppm_ck	Au ppm-ck2
BG11-85	513.00	514.20	C07240	1.20	0.069	hly alt'd w hvy hem alt along 5*<0.8 cm carb vns w 2% mg py		
BG11-85	514.20	515.10	C07241	0.90	<.03	non distinct contact btw syenite/diorite breccia w 2% fn to mg py diss in areas w dol vning		
BG11-85	515.10	516.00	C07242	0.90	1.440	1*1 cm py vn @55 w 70% mg py; sil'd/chl'd in zones w 3-5% fn to mg diss py + vn hosted py	1.371	1.509
BG11-85	516.00	517.30	C07244	1.30	<.03	1*2.5 cm qtz-dol-ank vn @40 w 2-3% mg brassy py; 2-3% mg py hosted along chl'd fracs + diss in pk sil'd zones		
BG11-85	523.10	524.60	C07245	1.50	<.03	moving from fresh diorite breccia into alteration zone w purple alt to qtz-dol vns, hvy chl alt + tr mg diss py		
BG11-85	524.60	525.70	C07246	1.10	<.03	hly alt'd w hem alt to dol/qtz-dol vns; chl'd in zones w visible subrounded breccia clasts		
BG11-85	525.70	526.85	C07247	1.15	<.03	hly alt'd w hem alt to dol/qtz-dol vns; chl'd in zones w visible subrounded breccia clasts		
BG11-85	526.85	528.00	C07248	1.15	<.03	hly alt'd w hem alt to dol/qtz-dol vns; chl'd in zones w visible subrounded breccia clasts		
BG11-85	*528.00*	*528.85*	*C07249*	*0.85*	*<.03*	***poss 10 vein structure?*** *Hly hem'd/chl'd throughout w 10% spec hem + chl along fracs/in groundmass/as clasts; 2-3% mg diss py + 1*4.5 cm hem'd qtz-dol vn @45 w 1% fg py*		
BG11-85	528.85	529.90	C07250	1.05	<.03			
BG11-85	533.00	534.00	C07251	1.00	<.03	alt'd by chl/hem w 2% fg py ass w dol vns gen @30-50		
BG11-85	535.85	537.00	C07252	1.15	<.03	hly chl'd and ser'd w 1*50 cm zone w lime green matrix; 4*<3 cm qtz-dol vns @40-50 w 1-2% spec hem + fg py		
BG11-85	541.10	542.00	C07253	0.90	<.03	fresh dk gn diorite w 1*2 cm chl-qtz-dol vn @55 w 2% mg py		
BG11-85	544.20	545.50	C07254	1.30	<.03	2% mg py conc along chl'd fracs		
BG11-85	547.20	548.40	C07255	1.20	<.03	1*20 cm zone within diorite breccia w inclusions of dk red QFP, poss assimilation of QFP into diorite unit w 2% ass mg diss py		
BG11-85	548.40	549.65	C07256	1.25	<.03	brecciated w rounded <5 cm chert clasts + 1*1.5 cm chl'd chert vn @25; 1-2% diss spec hem + fg py		
BG11-85	549.65	550.80	C07257	1.15	<.03	contact between diorite breccia/QFP		
BG11-85	555.20	556.30	C07258	1.10	0.411	dk red QFP w tr fg py diss + conc along chl'd fracs		
BG11-85	556.30	557.35	C07259	1.05	0.206	2-3% fg diss py + conc along hairline fracs		
BG11-85	557.35	558.35	C07260	1.00	0.274	*contact between QFP/diorite breccia w 5% fn to mg diss py/py conc along hairline fracs; 1*2 cm qtz-dol vn @20 + 1*1 cm dol vn @30 w adj blk qtz stringers w 3% ass fg py*		
BG11-85	558.35	559.50	C07262	1.15	<.03	fresh dk gn diorite breccia w 1*1 cm pk dol vn @0 w 1% adj fg diss py + 1*4 cm round inclusion clast of QFP		
BG11-85	565.70	566.75	C07263	1.05	<.03	1*30 cm zone in diorite breccia with <5 cm blebs of QFP intermixed poss melt btw units?; 1-2% mg diss py/py conc along chl'd fracs		
BG11-85	566.75	567.80	C07264	1.05	<.03	1*1 cm dol vn @35 w 2% mg py + adj diss py		
BG11-85	571.85	573.00	C07265	1.15	<.03	hly chl'd w 3% leux + md to cse diss py/py conc along chl'd fracs		
BG11-85	573.00	574.00	C07266	1.00	<.03	diorite breccia becomes alt'd near contact to red colour; 2-3% mg diss py/py conc along dol vns		
BG11-85	574.00	575.00	C07267	1.00	<.03	contact btw diorite breccia/QFP w 5% fn to mg diss py/py conc along hairline fracs		
BG11-85	575.00	576.00	C07269	0.90	<.03	2-3% fg diss py/py conc in blebs + 2-3% wt dol/qtz-dol vning; 1*0.3 cm chl frac w 3% cse euh py		
BG11-85	576.00	576.90	C07270	1.30	<.03	transition to more alt'd porphyry w 1*3 cm py bleb w >80% mg py ass w chl'd py hosting fracs		
BG11-85	576.90	578.20	C07271	1.45	<.03	3% qtz-dol vning + 1-2% fg diss py/py conc along <0.2 cm wispy fracs		
BG11-85	578.20	579.65	C07272	1.45	<.03			
BG11-85	582.00	583.50	C07273	1.50	<.03	2% fn to mg diss py/py conc along fracs/py conc as blebs		
BG11-85	583.50	585.00	C07274	1.50	<.03	2% fn to my diss py/py conc along fracs		
BG11-85	585.00	586.05	C07275	1.05	<.03	porphyry freshening up w 1-2% <0.5 cm qtz-dol vning + 2% py filled fracs		
BG11-85	586.05	587.00	C07276	0.95	<.03	fresh porphyry w 1-2% <0.5 cm qtz-dol vning + 2% fg diss py/py filled fracs		
BG11-85	587.00	588.00	C07277	1.00	<.03	porphyry transitions into lime green chl/ser alt zone w 3-5% md to cse diss py + conc along fracs + ass w 2% qtz-dol vns		
BG11-85	588.00	588.90	C07278	0.90	<.03	1*18 cm qtz-dol vn @45 w tr py + an adj zone of 5% fn to mg diss py/py conc along fracs; 1*30 cm zone of fresh porphyry w a 6 cm rounded inclusion clast of lime green alt'd porphyry		
BG11-85	588.90	590.15	C07279	1.25	<.03	hly alt'd ser/chl/fuch porphyry w 3% mg diss py/py conc along fracs		
BG11-85	590.15	591.40	C07280	1.25	<.03	lime gn alt'd porphyry becomes dk gn w blk qtz phenos + 1-2% fg diss py		
BG11-85	591.40	592.30	C07281	0.90	0.274	transition from green alt'd porphyry to fresh porphyry w 5% mg py along contact conc in fracs; py has 2 distinct colours w golden fg py + brassy cse py		
BG11-85	592.30	593.15	C07283	0.85	<.03	transition from porphyry to bimodal feldspar porphyry w 1-2% fn to mg py along contact		
BG11-85	601.00	602.10	C07284	1.10	<.03	fresh red porphyry w 1-2% mg py conc along fracs + 1*3 cm round qtz-dol clast w 1% mg py		

Hole_ID	From	To	Sample_#	Length	Au ppm	Description	Au ppm_ck	Au ppm-ck2
BG11-85	602.10	603.10	C07285	1.00	<.03	1-2% fn to mg diss py + py conc along fracs		
BG11-85	603.10	604.25	C07286	1.15	0.480	5% mg diss py + py conc along fracs + along 1*0.5 cm qtz-dol vn @0 for 30 cm w 2% mg py		
BG11-85	604.25	605.30	C07288	1.05	<.03	2% diss py as cse py blebs; 4*<1.5 cm qtz-dol vns @20-45 w 1% spec hem + fg py		
BG11-85	605.30	606.50	C07289	1.20	<.03	4*<1.5 cm qtz-dol-ank vns @30-70 w 1% spec hem + fg py		
BG11-85	606.50	607.50	C07290	1.00	0.206	porphyry transitions into weak lime green chl/ser alt zone w 2% fn to mg diss py + py conc along chl'd fracs		
BG11-85	607.50	608.75	C07291	1.25	0.069	end of weak lime gn alt zone w 2% fg diss py + 7*<1 cm qtz-dol(-ank) vns @35-65		
BG11-85	608.75	610.05	C07292	1.30	<.03	1*6 cm subrounded elongated sheared fuch-chl clast @35 TCA w 2% mg py/spec hem; 1*0.2 cm chl slip @50 w an adj qtz-dol vn + 2% fg diss py; 1*10 cm zone of carb alt w disc dol vning w 3% mg brassy py		
BG11-85	611.90	613.10	C07293	1.20	<.03	2% mg diss py/py conc along fracs		
BG11-85	613.10	614.30	C07294	1.20	<.03	1% mg diss py/py conc along fracs		
BG11-85	614.30	615.00	C07295	0.70	0.206	1*3 cm py-chl vn @40 w 5% mg py + 2% mg diss py/py conc along fracs		
BG11-85	615.00	616.30	C07297	1.30	<.03	start of strong lime gn chl-ser-fuch alt zone sheared @50 TCA w strong qtz-dol vning incl 1*8 cm qtz-dol vn @40 + 2% mg diss py		
BG11-85	616.30	617.45	C07298	1.15	<.03	end of strong lime gn chl-ser-fuch alt zone w sheared chl'd phenos + strong qtz-dol vning + 2% fn to mg diss py		
BG11-85	617.45	618.75	C07299	1.30	<.03	1-2% fn to mg diss py + py conc along fracs		
BG11-85	618.75	619.60	C07300	0.85	0.137	1*1.5 cm py vn @40 w 70% mg py; 2% mg diss py/py conc along <0.2 cm fracs/py conc along <0.5 cm dol vns @35		
BG11-85	619.60	621.00	C07339	1.40	0.069	2*<1.5 cm pk dol vns @15; 1-2% cse diss py in chl'd zones		
BG11-85	621.00	622.30	C07340	1.30	<.03			
BG11-85	622.30	623.20	C07341	0.90	0.069	contact btw QFP/diorite @60 TCA w hvy chl/carb alt + 3-4% fn to mg diss py		
BG11-85	623.20	624.00	C07342	0.80	<.03	hly chl'd w 1-2% fn to mg diss py		
BG11-85	624.00	625.05	C07343	1.05	<.03	3*<1.5 cm dol vns @15 w adj tr fg diss py		
BG11-85	625.05	626.35	C07344	1.30	0.069	2% wt dol vning + <1% fg py conc along 0.1 cm fracs		
BG11-85	626.35	627.20	C07345	0.85	1.269	hly chl'd w 1*1 cm dol vn @50 w adj 5% md to cse diss py	1.371	1.166
BG11-85	627.20	628.55	C07346	1.35	<.03	1*1.5 cm dol vn @30; 2% fn to mg diss py ass w chl-epd alt'd zone		
BG11-85	633.70	635.20	C07347	1.50	<.03	2-3% epd alt as stringer vns + clots; 1*1 cm dol vn @30		
BG11-85	**635.20**	**635.70**	**C07348**	**0.50**	**19.269**	**New mineralized zone near ? VN target?: 1*4 cm py-chl vn @55 w 70% v cse euh py; 1*7 cm adj rounded sil'd breccia clast**	20.709	17.829
BG11-85	635.70	636.60	C07350	0.90	<.03	2-3% epd alt as stringer vns + clots; 2% mg diss py + chl alt in zones		
BG11-85	636.60	637.50	C07351	0.90	0.480	2-3% epd alt as stringer vns + clots incl 1*15 cm zone w >80% epd alt w 5% cse py in blebs		
BG11-85	637.50	639.00	C07352	1.50	0.069	2-3% epd alt as stringer vns + clots; hvy chl alt esp along <1 cm qtz-dol vns w <1% fg py		
BG11-85	641.00	642.00	C07353	1.00	<.03	1*1 cm qtz-dol vn @55 w 60% fg py + chalco?; 2% epd alt along vn margins/as clots		
BG11-85	648.00	649.30	C07354	1.30	<.03	hly chl'd and epd alt'd w 5% epd alt as clots/veinlets/along qtz-dol vn margins; 2% mg py diss in epd alt'd zones		
BG11-85	649.30	649.90	C07355	0.60	0.069	*hly chl'd and epd alt'd w 2*2 cm chl'd qtz-dol vns @50-55 w 5-7% mg py*		
BG11-85	649.90	651.20	C07357	1.30	0.480	hly chl'd and epd alt'd as clots/veins w 1*0.5 chl'd dol vn @55 w adj 5-7% mg py diss/conc in <0.3 cm py vns within an alt zone of red sil + chl + epd		
BG11-85	656.20	657.10	C07358	0.90	<.03	5% epd alt as vns/clots w 2% fn to mg py diss in zones; 2*1-1.5 cm dol vns @35		
BG11-85	657.10	658.00	C07359	0.90	<.03	10% epd alt as vns/clots w 2*1 cm wt dol vns @15 + 2% cse py diss in blebs		
BG11-85	658.00	659.20	C07360	1.20	<.03			
BG11-85	659.20	660.30	C07361	1.10	<.03	10% epd alt as vns/clots w tr ass py		
BG11-85	660.30	661.00	C07362	0.70	0.343	*1*4 cm wt qtz-dol vn @40 w 10-15% mg py + 1*1cm frac @55 w 60% py + surrounding chl alt*		
BG11-85	661.00	662.00	C07363	1.00	<.03	7% epd alt as vns/clots w 2% fn to mg diss py; 1*4 cm chl'd qtz-dol vn @55 w adj tr fg py		
BG11-85	662.00	663.00	C07364	1.00	*<.03*	5% epd alt as vns/clots w ass 1-2% leux flecs; 1*1 cm dol vn @40		
BG11-85	668.95	*670.35*	C07365	1.40	*<.03*	5% epd alt as vns/clots w 1*1.5 cm wt to purple dol vn @0 + 1*1 cm fg py bleb		
BG11-85	670.35	671.65	C07366	1.30	<.03	2% epd alt as vns/clots w 1*5 cm brecciated red porphyry dyke @65 TCA w angular chl'd clasts + 5% fn to mg diss py/py conc in blebs		
BG11-85	671.65	672.30	C07367	0.65	<.03	*5% fg py within an 3 cm wide irregular epd clot w adj chl + qtz-dol + epd alt*		
BG11-85	672.30	673.20	C07368	0.90	<.03			

Hole_ID	From	To	Sample_#	Length	Au ppm	Description	Au ppm_ck	Au ppm-ck2
BG11-85	681.00	682.10	C07369	1.10	<.03	3% epd alt as vns/clots w 1-2% fn to mg diss py		
BG11-85	682.10	683.10	C07370	1.00	<.03	*2% fracs @15-25 TCA w 3-5% fn to mg py; 1*1 cm chl vn@0-5 w 5% adj mg py*		
BG11-85	683.10	683.85	C07371	0.75	<.03	*1*35 cm tan coloured sil'd alt zone w <0.2 cm grey qtz veinlets @40-45 TCA + 1-2% fg diss py - adj to this sil'd zone have 2% mg diss py + leux flecs*		
BG11-85	683.85	685.05	C07373	1.20	<.03	2-3% fn to mg diss py conc in chl'd zones + along epd stringer veinlets + in epd clots		
BG11-85	685.05	686.30	C07374	1.25	<.03	5*<1.5 cm grey qtz vns + wt dol vns @25-45 ass w a chl/sil alt zone; tr chalco blebs in dol vns		
BG11-85	686.30	687.30	C07375	1.00	<.03	1*20 cm porphyry dyke w a faint red porphyritic texture from an intrusion of QFP that has been melted in diorite?; dyke has 1-2% fg diss py; 1*30 cm sil'd/chl'd zone w 3-5% mg diss py + py conc along chl'd fracs		
BG11-85	687.30	688.45	C07376	1.15	<.03	1*8 cm distinct QFP dyke w sharp contacts @60 TCA + 2-3% fg diss py		
BG11-85	688.45	689.70	C07377	1.25	<.03	hvy chl/epd alt w 3% fn to mg diss py/py conc along fracs ass w alt'd zones		
BG11-85	689.70	690.85	C07378	1.15	<.03	hvy chl/epd alt w 1*1.5 cm wt qtz-dol vn @25 w 1*1 cm chalco bleb; 1-2% mg py diss in chl'd zones		
BG11-85	690.85	691.95	C07379	1.10	<.03	hvy chl/epd alt w 2% fn to mg diss py/pu conc along fracs ass w alt'd zones		
BG11-85	691.95	693.00	C07381	1.05	0.069	2*<3 cm wt qtz-dol vn @40 w adj 3% mg diss py ass w zones w chl alt		
BG11-87	21.00	22.00	C08276	1.00	<.03	1cm 3-5% py in grey qtz at 30 deg TCA		
BG11-87	31.50	33.00	C08278	1.50	<.03	broken core up to 33m; wacke-QFP contact at 32.75m; flt gouge at multiple locations		
BG11-87	33.00	34.50	C08279	1.50	<.03	weak brittle frac'ing with dk qtz+tr py		
BG11-87	34.50	36.00	C08280	1.50	<.03	as above		
BG11-87	42.80	43.80	C08281	1.00	<.03	two multiple qtz-80% py vn's at 45 deg TCA 0.5cm wide		
BG11-87	50.20	51.20	C08282	1.00	<.03	weak to moderate brittle frac'ing - pinch-swell & discontinuous with grey qtz+ 1-5% py		
BG11-87	51.20	52.00	C08283	0.80	<.03	tr py		
BG11-87	52.00	53.00	C08284	1.00	<.03	weak brittle frac'ing - pinch-swell & discontinuous with grey qtz+ 1-2% py; Faults at 52.5 and 52.7 at 45 and 20 deg TCA respectively		
BG11-87	54.60	56.00	C08285	1.40	<.03	three irregular slip-frac's with white & grey qtz + 1-3% py widely spaced apart up to 2mm wide		
BG11-87	56.00	57.00	C08286	1.00	0.411	moderate brittle irregular frac'ing with grey & white qtz + 1-5% fg py		
BG11-87	59.70	60.70	C08287	1.00	0.343	*59.7 to 63.2m - Shear Zone with moderate to strong brittle irregular frac'ing - pinch-swell- with grey-white qtz+1-8% fg py; frac-slips at 15, 45 and 75 deg TCA*		
BG11-87	60.70	61.70	C08288	1.00	0.137	*as described in 59.7 to 60.7m*		
BG11-87	61.70	62.60	C08289	0.90	<.03	*as described in 59.7 to 60.7m*		
BG11-87	62.60	63.30	C08291	0.70	<.03	*as described in 59.7 to 60.7m*		
BG11-87	63.30	64.80	C08292	1.50	<.03	1 cm wide grey white qtz vn no py at 65 de TCA; one 1mm wide py vn at 50 deg TCA - pinch-swell		
BG11-87	64.80	65.50	C08293	0.70	<.03	<1% py in py clots		
BG11-87	65.50	66.46	C08294	0.96	<.03	65.7 to 65.9m 5-7% py in 0.25 to 1cm wide bands; fault at 65.9m at 45 deg TCA; 66.3 to 66.46m 1-3% py in network frac'ing; 10-15% qtz-dol vn'lets		
BG11-87	66.46	67.30	C08295	0.84	<.03	fault 66.46 to 66.56 at 10 deg TCA; tr py		
BG11-87	67.30	68.30	C08296	1.00	<.03	67.3 to 67.7m with 15-25% white+grey qtz vn'ing with <1% py		
BG11-87	68.30	69.10	C08297	0.80	<.03	68.8m slip with grey qtz+white qtz at 15 deg TCA		
BG11-87	71.00	72.00	C08298	1.00	<.03	tr py; fault at 71.8 at 35deg TCA		
BG11-87	75.30	76.30	C08299	1.00	<.03	75.31 strong flt at 45 deg TCA; weak frac'ing non-penetrative with tr py		
BG11-87	77.10	78.50	C08300	1.40	<.03	0 deg TCA slip from 77.2 to 78.5m; fault bx at 77.12m at 35 deg TCA; tr py		
BG11-87	78.50	80.00	C08301	1.50	<.03	weak grey chl+qtz; tr py		
BG11-87	80.00	81.30	C08303	1.30	<.03	weak frac'ing with grey qtz+chl, four frac's with 1-5% py overall in hairline to <0.2cm wide pinch-swell frac's		
BG11-87	81.30	82.30	C08304	1.00	<.03	as above		
BG11-87	82.30	83.30	C08305	1.00	<.03	1-2% py in widely spaced frac-vn's		
BG11-87	83.30	84.40	C08306	1.10	<.03	15 to 20 deg TCA two to three frac-vn's with 80% py in <2mm wide frac';s		
BG11-87	84.40	85.00	C08307	0.60	0.206	fault at 84.6m at 20 deg TCA; weak frac'ing with 2% py overall		
BG11-87	85.00	86.00	C08308	1.00	0.069	tr py in mod frac'ing		
BG11-87	*86.00*	*87.00*	*C08309*	*1.00*	*<.03*	*fault with grey carb gouge at 86.45 to 86.55; 60-80% py in four irregular vn's at 35 to 65 deg TCA 0.25 to 1.5cm wide; overall 5-7% py*		
BG11-87	87.00	87.80	C08311	0.80	<.03	87.6 to 87.75m 0.2cm wide py vn at 15 deg TCA		
BG11-87	87.80	88.54	C08312	0.74	<.03	<1% py in weak frac's		
BG11-87	95.10	96.40	C08313	1.30	<.03	infrequent slips with grey qtz+carb; <1% py		

Hole_ID	From	To	Sample_#	Length	Au ppm	Description	Au ppm_ck	Au ppm-ck2
BG11-87	97.50	98.30	C08314	0.80	<.03	97.8 to 97.9 two parallel 1mm wide qtz vn'lets with py at 15 deg TCA		
BG11-87	98.30	99.60	C08315	1.30	<.03	tr py, weak frac'ing contact QFP-FQP		
BG11-87	101.20	102.20	C08316	1.00	<.03	contact FQP-QFP; one <0.2cm wide py vn; overall <1% py		
BG11-87	102.20	103.70	C08317	1.50	<.03	weak hairline frac'ing <1% py		
BG11-87	103.70	104.90	C08318	1.20	0.069	5-7% py in three sets of qtz-chl veins at 104.2, 104.4, 104.7-104.8m at 35 to 50 deg TCA		
BG11-87	104.90	105.90	C08319	1.00	<.03	105.5 to 105.9m slip-faults at 5 and 35 deg TCA with 1-5% py		
BG11-87	105.90	106.90	C08320	1.00	0.069	106 - 106.3 5-8% py in mod py vn-frac'ing		
BG11-87	106.90	107.90	C08321	1.00	0.069	weak frac's <1% py		
BG11-87	107.90	108.90	C08322	1.00	<.03	weak qtz+chl slip vn's at 0 to 15 deg TCA; tr py		
BG11-87	112.90	114.10	C08323	1.20	0.274	1mm wide slips at 15 and 0 deg TCA with 2% py		
BG11-87	116.20	117.30	C08324	1.10	<.03	outlier sample		
BG11-87	117.30	118.10	C08325	0.80	<.03	3mm wide 65% py vn at 45 deg TCA; weak frac'ing for rest of sample <1% py		
BG11-87	118.10	119.10	C08326	1.00	0.206	119m 1cm wideqtz+70% py vn at 40 deg TCA; three other hairline py vn's		
BG11-87	119.10	120.05	C08327	0.95	0.206	119.6 <1mm wide py vn		
BG11-87	120.05	121.00	C08328	0.95	0.137	at 120.17 and 120.9m <0.5cm wide py vn's at 35 deg TCA		
BG11-87	121.00	122.20	C08329	1.20	0.137	<1% py in weak frac's		
BG11-87	122.20	123.40	C08330	1.20	0.137	at 123m 1.5 cm wide white qtz vn tr py		
BG11-87	123.40	124.50	C08331	1.10	0.206	weak vn-slips with <1% py		
BG11-87	*129.30*	*130.30*	*C08332*	*1.00*	*<.03*	*5 - 0.2 to 1cm wide py vn's at 20 to 40 deg TCA widely spaced apart*		
BG11-87	130.30	131.30	C08334	1.00	0.069	130.6-130.9m 15 deg TCA slips with 1-5% py		
BG11-87	131.30	132.40	C08335	1.10	0.137	1- 2mm wide py vn'let		
BG11-87	132.40	133.40	C08336	1.00	<.03	3 - hairline py in qtz at 35 deg TCA		
BG11-87	133.40	134.40	C08338	1.00	0.069	3- 2mm wide py vns at 50 deg TCA widely spaced apart		
BG11-87	134.40	135.90	C08339	1.50	<.03	1- <1mm wide py vn; start of perv hem alt'n around fault found at 136.9 to 137.85m		
BG11-87	135.90	136.90	C08340	1.00	<.03	weak frac'ing adjacent to fault; negl py		
BG11-87	**136.90**	**138.00**	**C08341**	**1.10**	**0.891**	**strong fault at 0 to 5 deg TCA; 1.5 cm wide grey qtz+ qtz-dol+ carb gouge + adjacent 0.5 to 1.5cm wide 95% py vn starting at 137.4m to 137.8m**		
BG11-87	138.00	139.00	C08342	1.00	<.03	weak frac'ing with tr py; perv hem alt'n weakening near end of sample		
BG11-87	139.00	140.00	C08343	1.00	<.03	weak frac'ing negl py		
BG11-87	141.64	142.50	C08344	0.86	<.03	141.64-142m mod frac'ing with 5-7%py		
BG11-87	**145.10**	**146.10**	**C08345**	**1.00**	**0.686**	**145.2-145.6m multi fra's-vn's at 50 deg TCA with 1-3% py**		
BG11-87	146.10	147.00	C08346	0.90	0.343	146.4 to 147.7m 0-5 deg TCA grey-white qtz with 3-5% py		
BG11-87	147.00	148.20	C08347	1.20	0.274	4 cm section of hairline py vn'lets <1mm wide at 60 deg TCA; 2 cm wide late white qtz vn		
BG11-87	152.30	153.80	C08348	1.50	<.03	1 weak 2mm wide vn at 60 deg TCA with py		
BG11-87	153.80	155.30	C08349	1.50	<.03	153.85 and 155.25 to 155.3 pinch-swell frac-qtz vn'lets's 1mm to 1cm wide with 70% py		
BG11-87	155.30	156.80	C08350	1.50	<.03	155.95 m 2mm wide py vn		
BG11-87	156.80	158.00	C08351	1.20	<.03	infill sample		
BG11-87	158.00	159.20	C08352	1.20	<.03	moderate irregular frac'ing-qtz vn'ing with 5-7% py		
BG11-87	162.30	163.60	C08353	1.30	<.03	0 deg TCA slip + chl+grey qtz+white qtz-dol; negl py		
BG11-87	163.60	165.00	C08354	1.40	0.069	major fault - gouge, poor core recovery 45%, 15 cm grey-white qtz-dol, carb gouge+ bx; negl py		
BG11-87	166.30	167.00	C08355	0.70	<.03	outlier sample to fault; 2- 1.5 to 2.5 qtz vn's at 0-5 deg TCA negl py		
BG11-87	172.00	173.10	C08356	1.10	<.03	0 deg TCA slip-fault negl py		
BG11-87	173.10	174.10	C08357	1.00	<.03	fault gouge - negl py; grey qtz-carb in irregular vn-vn bx, <3mm wide tr py		
BG11-87	174.10	175.20	C08358	1.10	0.069	175-175.6m two up to 3cm wide fault bx; tr py		
BG11-87	177.40	178.30	C08359	0.90	<.03	1- irregular vn'let <1mm wide with py		
BG11-87	178.30	179.30	C08360	1.00	0.069	six- py-frac vn's <3mm wide some at 60 deg TCA; overall 3-5% py		
BG11-87	179.30	180.30	C08362	1.00	<.03	2- widely spaced 0.1 to 0.25 cm wide py vn's at 80 and 75 deg TCA		
BG11-87	182.00	182.80	C08364	0.80	<.03	182.3 to 182.6m moderate brittle shear with 5-7% py in irregular vn's with qtz		
BG11-87	182.80	184.00	C08365	1.20	<.03	weak widely spaced py vn's <2mm wide; overall 1-2% py		
BG11-87	184.00	185.30	C08366	1.30	<.03	QFP-FQP contact <1% py; 10-15% late grey qtz vn'ing		
BG11-87	187.35	188.30	C08367	0.95	<.03	FQP-QFP contact - 1-2% py in discontinuous weak frac's		
BG11-87	188.30	189.30	C08368	1.00	<.03	as above		

Hole_ID	From	To	Sample_#	Length	Au ppm	Description	Au ppm_ck	Au ppm-ck2
BG11-87	201.80	203.30	C08369	1.50	<.03	FQP-QFP contact tr py in QFP with hairline frac-slips near contact at 35 deg TCA		
BG11-87	209.10	210.10	C08370	1.00	<.03	209.5m 0.1 to 0.2 cm py vn discontinuous; other weak hairline frac's negl py		
BG11-87	210.10	211.10	C08371	1.00	<.03	~4 py qtz vn's discontinuous; 1-2% py overall		
BG11-87	211.10	212.10	C08372	1.00	0.137	three py qtz vn- frac's at 0 + 40+ 50 deg TCA		
BG11-87	212.10	213.10	C08373	1.00	<.03	212.54m 0.5cm wide 40 deg TCA py vn		
BG11-87	213.10	214.10	C08374	1.00	<.03	multiple hairline frac's with py at 35 to 50 deg TCA; 1-2% py overall		
BG11-87	214.10	215.10	C08375	1.00	<.03	as above but less frac's		
BG11-87	215.10	216.10	C08376	1.00	<.03	three <0.1cm wide py vn frac's at 25 and 50 deg TCA		
BG11-87	216.10	217.60	C08377	1.50	<.03	weak frac'ing with <1% py		
BG11-87	217.60	219.10	C08378	1.50	<.03	as above		
BG11-87	219.10	219.90	C08379	0.80	0.137	219.29 to 219.32 fault at 50 deg TCA with gouge + 3-5% py+ 0.75cm wide grey qtz vn; 3-5% irregular frac-vn's from 219.2 to 219.6m		
BG11-87	219.90	221.40	C08380	1.50	<.03	weak frac'ing <% py		
BG11-87	221.40	222.94	C08381	1.54	<.03	as above		
BG11-87	222.94	224.20	C08382	1.26	<.03	as above		
BG11-87	224.20	224.80	C08384	0.60	0.343	224.5m 0.75cm and 0.1cm wide py vn's at 45 deg TCA		
BG11-87	224.80	226.30	C08386	1.50	0.137	weak frac'ing with py; 1% py		
BG11-87	226.30	227.40	C08387	1.10	0.069	<1% py in discontinuous py vn'lets		
BG11-87	227.40	228.30	C08388	0.90	0.137	227.35 to 232.2m 10-20% late white qtz-dol vn'ing; <1% py in frac's		
BG11-87	228.30	229.30	C08389	1.00	0.206	228.3 to 228.5 and 228.7 to 229m 5-8% py in irregular frac-vn's		
BG11-87	229.30	230.80	C08390	1.50	<.03	1-2% py in weak vn-frac's		
BG11-87	230.80	232.30	C08391	1.50	<.03	1-2% py in irregular discontinuous vn-frac's		
BG11-87	232.30	233.80	C08392	1.50	<.03	as above		
BG11-87	233.80	235.30	C08393	1.50	<.03	<1% py in discontinuous py vn'lets		
BG11-87	235.30	236.50	C08394	1.20	<.03	as above		
BG11-87	236.50	237.50	C08395	1.00	<.03	as above		
BG11-87	237.50	239.00	C08396	1.50	<.03	three hairline frac's with py widely spaced apart		
BG11-87	239.00	240.50	C08397	1.50	<.03	1% py in discontinuous py vn'lets		
BG11-87	240.50	241.70	C08398	1.20	<.03	1-3% py in discontinuous widely spaced py vn'lets		
BG11-87	241.70	243.00	C08399	1.30	<.03	1% py in discontinuous widely spaced py vn'lets		
BG11-87	243.00	244.50	C08400	1.50	<.03	<1% py in discontinuous widely spaced py vn'lets		
BG11-87	244.50	246.00	C08401	1.50	<.03	1% py in discontinuous widely spaced py vn'lets		
BG11-87	246.00	246.50	C08402	0.50	<.03	1-3% py in discontinuous widely spaced py vn'lets with 5% qtz-dol vn'ing		
BG11-87	247.80	248.40	C08403	0.60	<.03	2mm wide py vn'let at 15 deg TCA		
BG11-87	251.90	253.40	C08404	1.50	<.03	1% py in discontinuous widely spaced py vn'lets		
BG11-87	253.40	254.80	C08405	1.40	<.03	<1% py in discontinuous widely spaced py vn'lets		
BG11-87	254.80	256.00	C08406	1.20	<.03	255.15m 1cm wide 50% py qtz vn		
BG11-87	256.00	256.70	C08407	0.70	<.03	<1% py in discontinuous frac's		
BG11-87	260.00	261.20	C08408	1.20	<.03	weak discontinuous frac's with qtz and 1% py		
BG11-87	261.20	262.20	C08409	1.00	<.03	as above, <1% py		
BG11-87	262.20	263.20	C08410	1.00	<.03	two 1mm wide discontinuous py vn's and one 1 cm wide py vn; 1-2% py overall		
BG11-87	266.80	267.50	C08412	0.70	<.03	1% py in discontinuous widely spaced py vn'lets		
BG11-87	270.10	271.50	C08413	1.40	<.03	1-2% py in 1mm wide non-penetrative discontinuous py vn'lets		
BG11-87	271.50	273.00	C08414	1.50	<.03	as above		
BG11-87	*273.00*	*273.80*	*C08415*	*0.80*	*<.03*	*7-10% py in network py vn's from 273.8 to 274.5m*		
BG11-87	*273.80*	*274.60*	*C08416*	*0.80*	*2.812*	*5-7% py in network py vn's from 274.7 to 275.2m*	2.606	3.017
BG11-87	**274.60**	**275.50**	**C08418**	**0.90**	**0.549**	**1-2% py in 1mm wide non-penetrative discontinuous py vn'lets**		
BG11-87	275.50	277.00	C08419	1.50	<.03	1% py in discontinuous widely spaced py vn'lets		
BG11-87	277.00	277.80	C08420	0.80	0.137	tr py in weak frac'ing		
BG11-87	**277.80**	**278.80**	**C08421**	**1.00**	**0.960**	**3-5% py in weak network frac'ing over a 5 cm wide section; three other py vn's 1 to 4mm wide**		
BG11-87	278.80	279.80	C08422	1.00	0.411	3cm wide section of py frac's at 35 to 45 deg TCA		
BG11-87	279.80	281.20	C08423	1.40	<.03	280.8m slip-fault at 20 deg TCA 0.25cm wide qtz-dol; <1% py vn'lets		

Hole_ID	From	To	Sample_#	Length	Au ppm	Description	Au ppm_ck	Au ppm-ck2
BG11-87	284.00	285.10	C08424	1.10	<.03	284.7 to 285m two parallel 2cm wide qtz-dol vn's at 5 deg TCA; <1% py in frac's		
BG11-87	285.10	286.10	C08425	1.00	<.03	tr py in weak frac'ing		
BG11-87	289.50	290.30	C08426	0.80	0.137	1-2% py in 1 to 2mm wide non-penetrative discontinuous py vn'lets		
BG11-87	290.30	291.50	C08427	1.20	0.137	1% py in discontinuous widely spaced py vn'lets		
BG11-87	297.30	298.00	C08428	0.70	0.069	<1mm wide py frac-vn's with qtz; 1% py		
BG11-87	298.00	298.80	C08429	0.80	0.411	298.2 to 298.3m 40 deg TCA parallel py vn's <3mm wide; oveall 1% py		
BG11-87	298.80	299.60	C06980	0.80	1.097	INFILL		
BG11-87	299.60	300.40	C06981	0.80	3.223	INFILL	3.566	2.880
BG11-87	**300.40**	**301.35**	**C08430**	**0.95**	**0.754**	**2- irregular py vn's <2mm wide at 45 and 25 deg TCA**		
BG11-87	**301.35**	**302.40**	**C06982**	**1.05**	**0.823**	**INFILL**		
BG11-87	302.40	303.40	C06983	1.00	<.03	INFILL		
BG11-87	303.40	304.60	C06984	1.20	<.03	INFILL		
BG11-87	**304.60**	**305.10**	**C08431**	**0.50**	**0.549**	**3- <3mm wide py vn's widely spaced 1% py overall**		
BG11-87	305.10	306.00	C06985	0.90	<.03	INFILL		
BG11-87	306.00	307.00	C06986	1.00	0.206	INFILL		
BG11-87	307.00	308.00	C06987	1.00	0.480	INFILL		
BG11-87	308.00	309.00	C06988	1.00	0.137	INFILL		
BG11-87	**309.00**	**310.20**	**C08432**	**1.20**	**0.686**	**flt at 309.75m at 50 deg TCA; multi brittle frac's at 50 deg TCA- moderate fracturing; <1% py**		
BG11-87	**310.20**	**311.40**	**C08433**	**1.20**	**0.960**	**5 less than 2mm wide britle frac's with py+qtz-dol at 45 to 50 deg TCA; overall 1-3%py**		
BG11-87	311.40	312.50	C08435	1.10	0.069	1 discontinuous py vn; tr py overal		
BG11-87	***312.50***	***313.30***	***C08436***	***0.80***	***0.686***	***312.6 to 313m 7-10% py in vn's at 45 to 60 deg TCA with 35% qtz-dol***		
BG11-87	**313.30**	**314.30**	**C08437**	**1.00**	**2.332**	**313.35 to 314.2m shear zone- brittle with flt-slips& gouge, 5-25% grey & white qtz+chl+50% py from 314 to 314.2m; shear at 35 to 50 deg TCA**	2.263	2.400
BG11-87	314.30	315.00	C08439	0.70	0.480	1-2% py in brittle frac's widely spaced		
BG11-87	315.00	316.50	C08440	1.50	<.03	as above		
BG11-87	316.50	318.00	C08441	1.50	0.274	<1% py in hairline frac's and weak flt -slip at 316.55 at 75 deg TCA		
BG11-87	318.00	319.50	C08442	1.50	<.03	negl py in weak widely spaced frac's		
BG11-87	319.50	320.00	C08443	0.50	<.03	two <2mm wide py vn'lets at 60-65 deg TCA		
BG11-87	322.30	323.60	C08444	1.30	0.069	three irregular widely spaced discontinuous py vn's <2mm wide, crenulated		
BG11-87	326.80	328.00	C08445	1.20	<.03	<1% py in hairline slips		
BG11-87	328.00	329.00	C12477	1.00	<.03	INFILL		
BG11-87	329.00	330.00	C12478	1.00	<.03	INFILL		
BG11-87	330.00	331.15	C08446	1.15	0.411	330.35m flt gouge at 45 deg TCA; negl py in slips		
BG11-87	331.15	332.00	C12479	0.85	<.03	INFILL		
BG11-87	332.00	333.00	C12480	1.00	0.069	INFILL		
BG11-87	333.00	334.00	C12481	1.00	<.03	INFILL		
BG11-87	334.00	335.00	C12482	1.00	<.03	INFILL		
BG11-87	335.00	335.80	C12483	0.80	<.03	INFILL		
BG11-87	335.80	336.50	C12484	0.70	<.03	INFILL		
BG11-87	336.50	337.20	C08447	0.70	0.411	1 py vn<0.5 cm wide at 336.75m		
BG11-87	337.20	338.00	C12485	0.80	<.03	INFILL		
BG11-87	338.00	339.00	C12486	1.00	<.03	INFILL		
BG11-87	339.00	339.70	C12487	0.70	0.069	INFILL		
BG11-87	339.70	340.70	C12488	1.00	<.03	INFILL		
BG11-87	310.70	342.00	C08448	31.30	0.137	1-2% diss py in hairline frac's		
BG11-87	342.00	343.00	C08449	1.00	0.206	342 to 346.8m strong sil alt'n; 342 to 343m 1% diss py in discontinuous frac'-vn's		
BG11-87	343.00	344.00	C08450	1.00	0.274	1-2% fg py in hairline widely spaced frac's with qtz + calcite		
BG11-87	344.00	345.20	C08451	1.20	0.206	as above		
BG11-87	345.20	346.00	C08452	0.80	<.03	3-5% py in <1mm wide qtz vn-frac's		
BG11-87	*346.00*	*346.80*	*C08453*	*0.80*	*0.274*	*10-15% py between 346.2 to 346.5m at 45 to 50 deg TCA*		
BG11-87	346.80	348.00	C08454	1.20	<.03	<1% py in widely spaced frac's		
BG11-87	352.00	353.50	C08455	1.50	0.069	2-3% py in discontinuous clots-frac's in a moderately sheared + ser alt'n section		

Hole_ID	From	To	Sample_#	Length	Au ppm	Description	Au ppm_ck	Au ppm-ck2
BG11-87	353.50	354.50	C08456	1.00	<.03	<1% py		
BG11-87	356.50	357.10	C08457	0.60	<.03	1 - 0.5cm wide py vn at 356.9m		
BG11-87	366.30	367.00	C08458	0.70	<.03	fault from 36.75 to 366.96m healed with chl+carb +qtz 3cm wide at 20 deg TCA; tr py		
BG11-87	369.00	370.40	C08459	1.40	<.03	strong brittle frac'ing at variable angles TCA with carb+chl+qtz; negl py		
BG11-87	376.20	376.70	C08460	0.50	0.137	376.3m 4cm wide sil alt'n with 3-5% fg py in hairline frac's at 55 deg TCA		
BG11-87	379.30	380.60	C08462	1.30	*<.03*	*379.55-379.64m 8 cm wide section with parallel qtz vn's adjacent to a slip at 65 to 75 deg TCA; two py frac's at 55 deg TCA*		
BG11-87	388.00	389.00	C08463	1.00	<.03	388 to 395.45m strong sil alt'n with occasionaly clcite+qtz vn'ing; occasional py vn's widely spaced; 388 to 389m <1% py in irregular frac's		
BG11-87	389.00	390.50	C08464	1.50	<.03	<1% py		
BG11-87	390.50	392.00	C08465	1.50	<.03	1-2% py in discontinuous py vn's		
BG11-87	392.00	393.50	C08466	1.50	<.03	weak discontinuous frac's-py vn's, 1-3% py		
BG11-87	393.50	395.00	C08467	1.50	<.03	as above but <1% py		
BG11-87	395.00	395.45	C08468	0.45	<.03	red brown perv oxy'd hem; tr py		
BG11-87	398.05	399.00	C08469	0.95	<.03	Syn-QFP contact; in QFPone py vn 1mm wide at 65 deg TCA		
BG11-87	399.00	400.20	C08470	1.20	<.03	three hairline py vn'lets 50 to 65 de TCA; overall 1% py		
BG11-87	*400.20*	*401.20*	*C08471*	*1.00*	*<.03*	*weak to moderate py vn occurences 45 to 55 deg TCA; overall 3-5% py*		
BG11-87	**401.20**	**402.70**	**C08472**	**1.50**	**0.617**	weak widely spaced py vn'lets with 1-3% py		
BG11-87	402.70	403.50	C08473	0.80	0.274	as above but <1% py		
BG11-87	**403.50**	**404.50**	**C08474**	**1.00**	<.03	**403.65 to 404m 8-10% py in py vn's with grey qtz+mo?, up to 2cm wide with 65% py at 45 and 75 deg TCA**		
BG11-87	**404.50**	**406.00**	**C08476**	**1.50**	**0.617**	weak penetrative & non-penetrative frac'ing; <1% py		
BG11-87	406.00	407.50	C08477	1.50	<.03	three discontinuous py vn'lets 35 to 65 de TCA; overall 1% py		
BG11-87	407.50	409.00	C08478	1.50	*<.03*	tr py; weak frac'ing		
BG11-87	409.00	410.10	C08479	1.10	0.480	as above		
BG11-87	410.10	410.70	C08480	0.60	*0.206*	six py vn'lets up to 2mm wide with 1-2% py overall, vn'lets at 35 and 75 deg TCA		
BG11-87	**410.70**	**411.40**	**C08481**	**0.70**	**0.617**	**three 1mm wide py vn's with weak py; 1% py overall**		
BG11-87	411.40	412.90	C08482	1.50	0.069	tr py infill sample		
BG11-87	412.90	413.55	C08483	0.65	0.206	as above		
BG11-87	413.55	414.40	C08484	0.85	0.343	five <1mm wide py hairline frac's; overall 1-2% py		
BG11-87	**414.40**	**415.30**	**C08485**	**0.90**	**5.966**	**three py bands 0.5 to 0.75 cm wide at 65 to 80 deg TCA; 414.8 to 415.05m 35% py+hem+cpy in qtz+purple qtz at 70 deg TCA**	5.486	6.446
BG11-87	415.30	416.30	C08487	1.00	**0.549**	**one 0.2 cm wide py vn at 416.25m; overall tr py**		
BG11-87	416.30	417.30	C09304	1.00	**0.274**	infill sample		
BG11-87	417.30	418.20	C09305	0.90	**1.715**	infill sample	1.783	1.646
BG11-87	418.20	418.80	C09306	0.60	**4.337**	infill sample	7.371	1.303
BG11-87	418.80	420.00	C09307	1.20	**<.03**	infill sample		
BG11-87	420.00	421.20	C09308	1.20	**0.480**	infill sample		
BG11-87	421.20	422.80	C08488	1.60	**1.303**	three discontinuous py vn's at 35 deg TCA <3mm wide and one 1mm py frac at 25 deg TCA at 422.75	1.371	1.234
BG11-87	**422.80**	**423.80**	**C09309**	**1.00**	**0.480**	**infill sample**		
BG11-87	**423.80**	**424.70**	**C09310**	**0.90**	**0.960**	**infill sample**		
BG11-87	**424.70**	**425.70**	**C09311**	**1.00**	**0.823**	**infill sample**		
BG11-87	**425.70**	**426.20**	**C08489**	**0.50**	**0.891**	**at 426m 0.3 cm wide py vn 35% py at 50 deg TCA**		
BG11-87	426.20	427.10	C09312	0.90	0.137	infill sample		
BG11-87	427.10	428.10	C09313	1.00	0.206	infill sample		
BG11-87	428.10	429.10	C09314	1.00	<.03	infill sample		
BG11-87	429.10	430.20	C09315	1.10	0.343	infill sample		
BG11-87	430.20	431.30	C08490	1.10	<.03	weak irreglar non-penetrative frac's with py, overall <1%		
BG11-87	431.30	432.00	C09316	0.70	<.03	infill sample		
BG11-87	437.80	438.90	C08492	1.10	<.03	438.5m 0.5cm wide py vn at 55 deg TCA; three other iregular hairline frac's with py		
BG11-87	438.90	440.40	C08493	1.50	<.03	<1% py		
BG11-87	440.40	441.90	C08494	1.50	0.274	slips at 35 deg TCA; 5% grey qtz vn'ing; 1% py in discontinuous, irregular vn'lets <1% py		

Hole_ID	From	To	Sample_#	Length	Au ppm	Description	Au ppm_ck	Au ppm-ck2
BG11-87	441.90	443.40	C08495	1.50	<.03	<1% py in hairline frac		
BG11-87	443.40	444.60	C08496	1.20	<.03	as above		
BG11-87	**444.60**	**446.00**	**C08497**	**1.40**	**0.960**	**444.8-445m fault at 15 deg TCA with qtz-dol+chl+1-3% py; 445.4m 1cm wide py band at 55 deg TCA**		
BG11-87	446.00	447.00	C09317	1.00	<.03	infill sample		
BG11-87	**447.00**	**448.00**	**C09318**	**1.00**	**0.686**	**infill sample**		
BG11-87	**448.00**	**449.00**	**C09319**	**1.00**	**0.823**	**infill sample**		
BG11-87	**449.00**	**450.00**	**C09320**	**1.00**	**0.549**	**infill sample**		
BG11-87	**450.00**	**450.70**	**C09321**	**0.70**	**0.754**	**infill sample**		
BG11-87	**450.70**	**451.40**	**C09322**	**0.70**	**0.686**	**infill sample**		
BG11-87	451.40	452.00	C09323	0.60	**2.366**	infill sample	2.126	2.606
BG11-87	**452.00**	**453.00**	**C09324**	**1.00**	**0.960**	**infill sample**		
BG11-87	453.00	454.00	C09325	1.00	**2.023**	infill sample	1.989	2.057
BG11-87	454.00	455.20	C09326	1.20	**1.269**	infill sample	1.166	1.371
BG11-87	455.20	455.90	C09327	0.70	**2.469**	infill sample	2.400	2.537
BG11-87	455.90	457.20	C08498	1.30	1.440	1% py in matrix in micro-frac's	1.509	1.371
BG11-87	**457.20**	**458.40**	**C08499**	**1.20**	**0.617**	**457.45m 1mm wide py vn'let; 457.7m 1 cm wide qtz vn with 15% py; 458.3m weak py in qtz in slip at 45 deg TCA**		
BG11-87	**458.40**	**459.50**	**C08500**	**1.10**	**0.617**	**1.2cm wide bull white qtz vn at 40 deg TCA; 1% fine g py in multiple hairline frac's at 55 to 75 deg TCA**		
BG11-87	459.50	460.40	C09328	0.90	0.343	infill sample		
BG11-87	**460.40**	**461.40**	**C09329**	**1.00**	**0.823**	**infill sample**		
BG11-87	461.40	462.40	C09330	1.00	**1.954**	infill sample	2.057	1.851
BG11-87	462.40	463.40	C09331	1.00	**1.269**	infill sample	1.303	1.234
BG11-87	463.40	464.20	C09332	0.80	**1.886**	infill sample	1.646	2.126
BG11-87	**464.20**	**465.00**	**C09333**	**0.80**	**0.960**	**infill sample**		
BG11-87	465.00	466.00	C09334	1.00	0.069	infill sample		
BG11-87	**466.00**	**467.00**	**C07801**	**1.00**	**0.686**	**1- 2mm wide py vn at 70 deg TCA; two- hairline py frac's**		
BG11-87	467.00	468.50	C09335	1.50	0.137	infill sample		
BG11-87	**468.50**	**469.20**	**C07802**	**0.70**	**0.686**	**468.5m 2- parallel qtz+5% py vn's at 50 deg TCA; 469 to 469.2m 25% qtz vn'ing at 35, 50 and 80 deg TCA with py on margins**		
BG11-87	469.20	470.60	C07803	1.40	1.989	<1% py	2.194	1.783
BG11-87	470.60	471.50	C07804	0.90	2.126	<1% py in two discontinuous vn's	2.057	2.194
BG11-87	**471.50**	**472.50**	**C09336**	**1.00**	**0.754**	infill sample		
BG11-87	472.50	473.10	C09337	0.60	0.069	infill sample		
BG11-87	473.10	473.80	C09338	0.70	<.03	infill sample		
BG11-87	473.80	475.00	C07805	1.20	<.03	frac-slips, two with adjacent py overall <1% py		
BG11-87	475.00	476.50	C07806	1.50	<.03	weak frac'ing; tr py		
BG11-87	476.50	477.40	C07807	0.90	1.852	1- irregular 10 deg TCA hairline frac with py; overall tr py	1.920	1.783
BG11-87	477.40	478.00	C07808	0.60	3.497	477.5m 1.5cm wide py band with qtz with 15% py at 45 deg TCA and 1 hairline py frac at same location at 35 deg TCA	3.291	3.703
BG11-87	478.00	479.00	C07810	1.00	0.137	weak frac'ing at 55 to 65 deg TCA with 1% py in QFP; QFP-Diorite Breccia contact at 478.65m; 478.65 to 479 40% qtz - ank vn'ing; tr py		
BG11-87	479.00	480.00	C09339	1.00	<.03	infill sample		
BG11-87	480.00	480.90	C09341	0.90	**1.303**	infill sample	1.303	1.303
BG11-87	480.90	481.50	C09343	0.60	0.411	infill sample		
BG11-87	**481.50**	**483.00**	**C09344**	**1.50**	**0.617**	**infill sample**		
BG11-87	483.00	484.50	C09345	1.50	<.03	infill sample		
BG11-87	**484.50**	**486.00**	**C09346**	**1.50**	**0.686**	**infill sample**		
BG11-87	**486.00**	**487.00**	**C09347**	**1.00**	**0.617**	**infill sample**		
BG11-87	**487.00**	**487.70**	**C09348**	**0.70**	**0.617**	**infill sample**		
BG11-87	487.70	489.00	C09349	1.30	<.03	infill sample		

Hole_ID	From	To	Sample_#	Length	Au ppm	Description	Au ppm_ck	Au ppm-ck2
BG11-87	492.60	493.60	C09350	1.00	<.03	infill sample		
BG11-87	493.60	494.30	C09351	0.70	<.03	infill sample		
BG11-87	494.30	494.90	C3311	0.60	0.069	infill sample		
BG11-87	494.90	495.90	C09352	1.00	<.03	infill sample		
BG11-87	**495.90**	**497.30**	**C09353**	**1.40**	**0.549**	**infill sample**		
BG11-87	497.30	498.80	C09354	1.50	0.343	infill sample		
BG11-87	498.80	499.80	C09355	1.00	<.03	infill sample		
BG11-87	499.80	501.00	C09356	1.20	<.03	infill sample		
BG11-87	501.00	502.30	C09357	1.30	<.03	infill sample		
BG11-87	502.30	503.40	C07811	1.10	<.03	1-2% py in frac's		
BG11-87	503.40	504.40	C09358	1.00	<.03	infill sample		
BG11-87	504.40	505.20	C09359	0.80	<.03	infill sample		
BG11-87	510.00	511.50	C07812	1.50	<.03	5 - up to 2mm wide chl frac's with py; overall 1% py		
BG11-87	511.50	513.00	C07813	1.50	<.03	6- qtz-dol vn's 40 to 90 deg TCA; tr py		
BG11-87	513.00	513.70	C07814	0.70	<.03	weak frac'ing; begl py		
BG11-87	*513.70*	*514.70*	*C07816*	*1.00*	*1.372*	*513.71 diorite bx-QFP contact proximal to contact 3 - py bands 75% py up to 2 cm wide at 60 75 deg TCA*	1.440	1.303
BG11-87	514.70	515.70	C07818	1.00	<.03	1 <1mm qtz vn'let with py; overall <1% py		
BG11-87	515.70	517.20	C07819	1.50	<.03	<5% qtz-dolvn'ing; negl py		
BG11-87	517.20	518.20	C07820	1.00	<.03	5-10% qtz-dol vn'ing; negl py		
BG11-87	518.20	519.10	C07821	0.90	<.03	4- slip and slip fault with adjacent qtz-dol at 20-25 deg TCA; negl py		
BG11-87	524.00	524.70	C07822	0.70	<.03	524.36m 1mm py vn with adjacent qtz at 65 to 70 deg TCA		
BG11-87	529.60	530.80	C07823	1.20	<.03	529.8-531.7 qtz-dol vn'ing with up to 1cm wide pinch-swell at 20-70 deg TCA, with <10% py confined to vn's; overall 1-2% py		
BG11-87	530.80	531.80	C07824	1.00	<.03	qtz-dol with <10% py in veining at 20-60 deg TCA		
BG11-87	533.00	534.10	C07825	1.10	0.206	qtz-dol with 10% py in and up to 0.5 cm wide vein 45-60 deg TCA		
BG11-87	537.40	538.60	C07826	1.20	<.03	1- 0.5cm wide qtz-dol vn'let with 5%py at 45-50 deg TCA		
BG11-87	538.60	540.00	C07827	1.40	0.069	4- 0.5cm wide qtz-dol veining with 5%py 30- 60 deg TCA; 0 deg TCA qtz-dol vn pinch swell		
BG11-87	540.00	540.50	C07828	0.50	<.03	540.3m 1cm wide qtz-dol vn with 5% py at 45 deg TCA		
BG11-87	540.50	541.70	C07829	1.20	0.069	minor frac's with <1% py overall		
BG11-87	541.70	542.70	C07830	1.00	0.343	542.35 to 542.7 m microfrac'ing, non-penetrative with ser + 1-2% py, perv sil alt'n		
BG11-87	542.70	544.00	C07831	1.30	0.343	minor frac'ing with tr py		
BG11-87	**546.40**	**547.70**	**C07832**	**1.30**	**0.960**	**1 - hairline frac with py; overall tr py; micro frac'ing at 547.6m with diss py in matrix**		
BG11-87	550.30	551.50	C07833	1.20	0.274	6 - 1-2mm py vn'lets at 55 to 65 deg TCA+ two to three 0.5 cm diameter clots with py; 1- 1mm vn'let with spec hem		
BG11-87	552.50	554.00	C07834	1.50	0.137	552.7 contact QFP-FP; tr py		
BG11-87	554.00	555.00	C07835	1.00	<.03	outlier sample to next sample for infill		
BG11-87	555.00	555.70	C07836	0.70	0.206	555.3 to 555.4m weak slip-shear at 45 deg TCA with 30-40% qtz-dol, 1-2% diss py; possible 10V or 12 V projected location?		
BG11-87	555.70	556.90	C07837	1.20	0.274	FP tr; 5% qtz-dol vn'ing		
BG11-87	556.90	558.00	C07838	1.10	*1.029*	557m 0.5cm wide py vn at 60 deg TCA; 2- 1mm wide frac-py vn's at 50 deg TCA	1.166	0.891
BG11-87	558.00	558.80	C09371	0.80	0.274	infill sample		
BG11-87	558.80	559.80	C09372	1.00	0.137	infill sample		
BG11-87	**559.80**	**560.30**	**C07839**	**0.50**	**0.549**	**FP-Syenite contact and Syenite to QFP contact with thin <2mm wide py vn at 50 deg TCA at lower contact**		
BG11-87	560.30	561.30	C07840	1.00	<.03			
BG11-87	561.30	562.00	C07841	0.70	*2.092*	15 py veinlets 2mm-.05cm wide 50-90%py	2.194	1.989
BG11-87	562.00	563.10	C07843	1.10	*2.263*	1-1mm wide frac with py; Note: after 563.1m ground core for 1m up to 564m - therefore loss of core and no sample betwen 563.1 to 564m	2.400	2.126
BG11-87	564.00	565.00	C07844	1.00	*1.509*	min qtz-dol veins 20-70 deg TCA 5-20% py	1.371	1.646
BG11-87	565.00	566.00	C09373	1.00	0.411	infill sample		
BG11-87	566.00	567.00	C09374	1.00	0.274	infill sample		

Hole_ID	From	To	Sample_#	Length	Au ppm	Description	Au ppm_ck	Au ppm-ck2
BG11-87	567.00	568.00	C09375	1.00	0.274	infill sample		
BG11-87	568.00	569.00	C07845	1.00	0.137	contact at 568.55, qtz-dol high angle 1-5 mm qtz-dol viens with 50-90% py		
BG11-87	569.00	569.70	C07846	0.70	<.03	contact at 569.35; min qtz-dol veins with 5% py		
BG11-87	569.70	570.80	C07847	1.10	<.03	inc. Silica content; < 1%py		
BG11-87	570.80	571.80	C07848	1.00	0.069	3-4cm qtz-dol vein low angle		
BG11-87	571.80	572.80	C07850	1.00	<.03	3-4cm qtz-dol vein low angle, blebs of cpy in vein		
BG11-87	572.80	573.50	C07851	0.70	<.03	3-4cm qtz-dol vein low angle, end of vein		
BG11-87	582.00	583.00	C07852	1.00	<.03	min qtz-dol veinlets 5% py 20-55 deg TCA		
BG11-87	583.00	584.20	C07853	1.20	<.03	min qtz-dol veinlets 5% py 45 deg TCA		
BG11-87	584.20	585.00	C07854	0.80	0.069	584.4 to 584.42 slip fault at 40-45 deg TCA, 11 veinlets of qtz-dol veinlet with up to 50% py 1-4 mm		
BG11-87	585.00	585.80	C07855	0.80	0.137			
BG11-87	**585.80**	**586.60**	**C07856**	**0.80**	***1.954***	**585.9 to 587.85m Mineralized Zone in QFP >20 brassy coloured py vn's with up to 90% py and up to 1 cm wide vn's at 45 deg TCA possible down dip of 10 V or 12 V, overall 3-8% py; at 585.9m 1cm wide 45 deg TCA 90% py vn, + 3 other py vn's <0.5cm wide**	2.057	1.851
BG11-87	**586.60**	**587.50**	**C07857**	**0.90**	***3.566***	**as described in 585.8 to 586.6m; 15- py vn's at 45 deg TCA and one at 25 deg TCA; overall 5-8% py**	3.223	3.909
BG11-87	**587.50**	**588.00**	**C07858**	**0.50**	***1.646***	**as described in 585.8 to 586.6m; 3 - py vn's up to 0.5 cm wide**	1.577	1.714
BG11-87	588.00	589.00	C07859	1.00	0.480	min qtz-dol veinlets 0-45 deg TCA 5% py		
BG11-87	589.00	590.00	C07860	1.00	0.206	min qtz-dol veinlets 35-70 deg TCA 1-2% py		
BG11-87	590.00	591.00	C07861	1.00	0.411	min wispy qtz-dol veins, 1-3mm;0-80 deg TCA min py veinlets,5%		
BG11-87	591.00	592.00	C07862	1.00	0.274	min wispy qtz-dol veins at 0-90 deg TCA 5% py in veinlets		
BG11-87	592.00	593.00	C07863	1.00	0.206	min wispy qtz-dol veins at 0-90 deg TCA 1% py		
BG11-87	593.00	594.00	C09376	1.00	**0.858**	infill sample	1.029	0.686
BG11-87	594.00	594.70	C09377	0.70	0.274	infill sample		
BG11-87	594.70	595.50	C09378	0.80	0.343	infill sample		
BG11-87	**595.50**	**596.50**	**C07864**	**1.00**	**0.823**	**qtz-dol vein at 596-596.3 at 50 deg TCA; min py on edges, and in high angle veinlets**		
BG11-87	**596.50**	**598.00**	**C07865**	**1.50**	**0.549**	**intermittant qtz-dol veins up to 1cm, min py**		
BG11-87	598.00	599.00	C07866	1.00	<.03	598.4 contact to FP min dissem py		
BG11-87	**605.00**	**606.00**	**C07867**	**1.00**	**0.617**	**min qtz-dol veins, min euhedral dissem py 1%**		
BG11-87	**606.00**	**607.00**	**C07868**	**1.00**	**0.960**	**min py in swells of groundmass<1%**		
BG11-87	607.00	608.00	C07869	1.00	0.069	min wispy qtz-dol veins at 0-90 deg TCA 1% py		
BG11-87	608.00	609.00	C07870	1.00	<.03	min wispy qtz-dol veins at 0-90 deg TCA 1% py		
BG11-87	609.00	610.00	C07871	1.00	0.274	qtz-dol vein at 694.24-694.28 at 20 deg TCA; min py on edges, and in high angle veinlets		
BG11-87	610.00	611.00	C07872	1.00	<.03	low angle qtz-dol veins, upto 1cm wide min dissem py		
BG11-87	611.00	612.00	C07873	1.00	<.03	py vein at 611.07 up to 4mm 100%py,qtz-dol vein,at 45deg TCA, at 611.3 -611.34; 5% py		
BG11-87	613.00	613.50	C07874	0.50	0.137	min wispy qtz-dol veins at 80 deg TCA 1% py		
BG11-87	613.50	614.50	C07875	1.00	<.03	start increased veinlets of py 60-90 deg TCA swells up to .05cm		
BG11-87	614.50	615.00	C07876	0.50	<.03	veinlets of py 60-90 deg TCA swells up to .5cm,1-3% of groundmass		
BG11-87	615.00	616.00	C07877	1.00	<.03	veinlets of py 60-90 deg TCA swells up to .5cm upto 100% py		
BG11-87	616.00	617.00	C07878	1.00	0.137	veinlets of py 60-90 deg TCA swells up to .5cm; wispy qtz-dol veins 1 to 5mm		
BG11-87	617.00	618.30	C07879	1.30	0.274	veinlets of py 60-90 deg TCA swells up to .05cm,veinlets upto 5% of groundmass		
BG11-87	618.30	619.10	C07880	0.80	0.137	veinlets of py 0-90 deg TCA swells up to .05cm,veinlets upto 5% of groundmass		
BG11-87	619.10	620.00	C07881	0.90	0.206	decreasing veinlets of py, 1-2 mm wide		
BG11-87	620.00	621.00	C07882	1.00	<.03	wispy high angle qtz-dol veins upto .5cm wide minor veinlets of py< 5%		
BG11-87	**621.00**	**622.00**	**C07884**	**1.00**	***4.320***	**<<1% py in groundmass**	4.869	3.771
BG11-87	622.00	622.50	C09360	0.50	**1.577**	infill sample	1.440	1.714
BG11-87	**622.50**	**623.50**	**C09362**	**1.00**	**0.823**	**infill sample**		
BG11-87	**623.50**	**624.00**	**C09363**	**0.50**	**5.383**	**infill sample**	**4.869**	**5.897**
BG11-87	624.00	624.90	C09364	0.90	<.03	infill sample		
BG11-87	624.90	625.90	C09365	1.00	<.03	infill sample		
BG11-87	625.90	627.00	C09366	1.10	0.206	infill sample		
BG11-87	627.00	628.30	C09367	1.30	<.03	infill sample		

Hole_ID	From	To	Sample_#	Length	Au ppm	Description	Au ppm_ck	Au ppm-ck2
BG11-87	628.30	629.00	C09368	0.70	0.274	infill sample		
BG11-87	629.00	630.10	C09369	1.10	<.03	infill sample		
BG11-87	630.10	631.50	C09370	1.40	<.03	infill sample		
BG11-87	631.50	632.30	C07885	0.80	<.03	wispy qtz-dol vienlets <1% py		
BG11-87	632.30	632.80	C07886	0.50	0.069	micro frac 5%; 1% py in groundmass		
BG11-87	632.80	633.60	C07887	0.80	<.03	micro frac 5%; 1% py in groundmass		
BG11-87	633.60	634.30	C07888	0.70	<.03	micro frac 5%; 70 deg TCA; 1% py in groundmass		
BG11-87	634.30	635.10	C07889	0.80	<.03	qtz-dol vein, 1cm at 635; min py		
BG11-87	639.00	640.00	C07891	1.00	<.03	min micro frac;<1%py		
BG11-87	640.00	641.00	C07892	1.00	0.137	qtz-dol pinch and swell 80deg TCA; min micro frac 0-20 deg TCA		
BG11-87	641.00	642.00	C07893	1.00	<.03	min micro frac 70 deg TCA;<1%py		
BG11-87	648.70	649.40	C07894	0.70	<.03	qtz-dol veining 5%;60-90 deg TCA, <1% py		
BG11-87	649.40	650.30	C07895	0.90	0.069	low angle qtz-dol veining, .5cm;1% py		
BG11-87	654.70	655.70	C07896	1.00	0.069	inc silica at 655,slip fault at 655.1 at 80 deg TCA; 1% py		
BG11-87	**655.70**	**656.70**	**C07897**	**1.00**	**0.891**	**wispy qtz-dol veining low to high angle1% py**		
BG11-87	656.70	657.70	C07898	1.00	<.03	inc qtz-dol veining 45-70 deg TCA < 1% py		
BG11-87	657.70	658.70	C07899	1.00	0.480	vry silicious 1% dissem py		
BG11-87	**658.70**	**659.60**	**C07900**	**0.90**	**0.823**	**slip fault at 659.3 at 45 deg TCA; 1% py;silica ends at 659.1**		
BG11-87	**659.60**	**660.60**	**C07901**	**1.00**	**0.891**	**wispy qtz-dol veining low to high angle1% py**		
BG11-87	**660.60**	**661.60**	**C07902**	**1.00**	***11.932***	**inc silica,10%;qtz-dol veining1-2 % py in veins**	12.343	11.52
BG11-87	661.60	662.50	C07903	0.90	0.274	dec silica min py		
BG11-87	662.50	663.80	C07904	1.30	*1.166*	qtz-dol slip fault at 662.63-662.64 at 60 deg TCA; 1% py	1.234	1.097
BG11-87	663.80	665.20	C07905	1.40	*1.440*	min qtz-dol veinlets at 45 deg TCA with 5% py;wispy qtz-dol througout	1.440	1.440
BG11-87	**665.20**	**666.20**	**C07906**	**1.00**	**0.549**	**min qtz-dol veinlets at 45 deg TCA with 5% py;wispy qtz-dol througout**		
BG11-87	666.20	667.00	C07907	0.80	0.480	min qtz-dol veinlets 4-5mm, at 45 deg TCA with 5% py;wispy qtz-dol througout		
BG11-87	667.00	668.10	C07908	1.10	*4.286*	increased qtz-dol; micro frac; min py disseminated,within groundmass	4.046	4.526
BG11-87	668.10	669.00	C07909	0.90	*1.783*	min micro fract. 5-10% py in veinlets 40-45 deg TCA	1.783	1.783
BG11-87	**669.00**	**670.00**	**C07910**	**1.00**	**0.823**	**min micro frac 1% py dissem. wispy qtz-dol veinlets 40-50 deg TCA**		
BG11-87	670.00	671.00	C07911	1.00	0.411	min micro frac, 5-10% py, wispy qtz-dol thoughout		
BG11-87	**671.00**	**672.00**	**C07912**	**1.00**	**0.686**	**qtz-2cm at 80 deg TCA dol vein at 672,min py**		
BG11-87	672.00	673.00	C07913	1.00	<.03	inc qtz-dol veining 45-55 deg TCA infilling of py upto 100%,1-3mm wide		
BG11-87	673.00	674.00	C07914	1.00	0.274	inc qtz-dol veining 45-55 deg TCA infilling of py upto 100%,1-3mm wide		
BG11-87	674.00	675.00	C07915	1.00	0.069	dec veins min py		
BG11-87	**675.00**	**676.00**	**C07916**	**1.00**	**0.549**	**increased qtz-dol5-10% py;wispy,55=60 deg TCA**		
BG11-87	676.00	677.00	C07917	1.00	0.206	wispy qtz-dol min py		
BG11-87	677.00	678.00	C07918	1.00	0.480	increased qtz-dol 1-5% py;wispy at various angles		
BG11-87	678.00	679.00	C07919	1.00	*1.852*	qtz-dol veins min py	1.577	2.126
BG11-87	679.00	680.00	C07920	1.00	*1.474*	1-5mm qtz-dol wispy veins min py	1.371	1.577
BG11-87	680.00	681.00	C07921	1.00	0.206	1-5mm qtz-dol wispy veins min py		
BG11-87	681.00	682.00	C07922	1.00	*1.509*	1-5mm qtz-dol wispy veins min py	1.509	1.509
BG11-87	682.00	683.00	C07923	1.00	*1.406*	minor Qtz-dol veins up to 10% py	1.440	1.371
BG11-87	**683.00**	**684.00**	**C07924**	**1.00**	**0.686**	**minor diss. py,brassy colour, in dark qtz vein, minor spec hematite**		
BG11-87	684.00	685.00	C07925	1.00	1.680	minor diss. py,brassy colour, in dark qtz vein, minor spec hematite	1.851	1.509
BG11-87	685.00	686.00	C07926	1.00	0.926	vein of qtz,20% py, 2-5mm at 684.15	1.234	0.617
BG11-87	**686.00**	**687.00**	**C12469**	**1.00**	**0.891**	**INFILL**		
BG11-87	**687.00**	**688.00**	**C12470**	**1.00**	**0.754**	**INFILL**		
BG11-87	**688.00**	**689.00**	**C12471**	**1.00**	**0.549**	**INFILL**		
BG11-87	**689.00**	**690.00**	**C07927**	**1.00**	**0.823**	**qtz-dol vein at 689.6-686.9, 20 deg TCA, min py**		
BG11-87	690.00	691.00	C12472	1.00	0.411	INFILL		
BG11-87	691.00	692.10	C07928	1.10	<.03	wispy qtz-dol veining in highly altered section, low to high angle1% py		
BG11-87	692.10	693.00	C07929	0.90	<.03	qtz-dol vein at 0 deg TCA, 50% vein 692.2-692.7 m,bleb of cpy, micro frac		
BG11-87	693.00	694.00	C07931	1.00	<.03	micro frac continue, min py		

Hole_ID	From	To	Sample_#	Length	Au ppm	Description	Au ppm_ck	Au ppm-ck2
BG11-87	694.00	695.00	C07932	1.00	<.03	qtz-dol veins,1-2cm at 20 deg TCA in highly altered section		
BG11-87	699.00	700.50	C07933	1.50	<.03	min micro frac with py within swell of dark qtz,1.5cm		
BG11-88	24.33	24.90	C07934	0.57	<.03	15% qtz+dol vn'ing at 45 and 0 deg TCA with chl+ser halo at 1cm wide+ 1-2% anhedral py		
BG11-88	33.00	34.00	C07935	1.00	<.03	34.3 and 33.6 fault gouge at 25 to 35 deg TCA; 33.6to 33.95m 90% qtz dol vn+chl+ser; no visible py		
BG11-88	46.10	47.10	C07936	1.00	<.03	broken core near Cngl contact; 25% white qtz vn; no visible py		
BG11-88	47.10	47.60	C07937	0.50	<.03	broken core + 25-35% qtz nat Wacke - Cngl contact; negl py		
BG11-88	57.40	58.00	C07938	0.60	<.03	3cm wide grey late qtz vn at 60 deg TCA; 3cm wide section of py lens at 35 deg TCA f py; overall <1% py		
BG11-88	83.00	83.90	C07940	0.90	<.03	<1% very fg py in micro- slips and some med grained py along qtz-dol slips; crimson red coloured matrix		
BG11-88	86.80	87.80	C07941	1.00	<.03	crack-seal healing of frac - slips with dk qtz+ qtz-dol ; tr py; slips at 45 degb TCA		
BG11-88	91.50	92.20	C07942	0.70	<.03	25% qtz-dol vn'ing crimson red coloured matrix; tr py		
BG11-88	94.40	95.00	C07943	0.60	<.03	25% qtz-dol vn'ing crimson red coloured matrix; tr py		
BG11-88	101.30	102.00	C07944	0.70	<.03	1.5cm wide qtz vn at 90 deg TCA at 101.35m; negl py		
BG11-88	110.40	111.00	C07945	0.60	<.03	Fault at 110.7m at 5 deg TCA with bx + dk qtz; rest of sample crimson matrix+ser alt'n; tr py		
BG11-88	124.20	124.80	C07946	0.60	<.03	124.2-124.4m slip at 15 deg TCA with qtz-dol vn'ing 1-2mm wide; 124.5m wacke-arenite contact 50 deg TCA; tr py in matrix near contact		
BG11-88	137.40	138.20	C07947	0.80	<.03	25-35% qtz-dol vn'ing tr py		
BG11-88	138.20	139.40	C07948	1.20	<.03	as above		
BG11-88	149.80	150.30	C07949	0.50	<.03	150.2m 3cm wide section of red alt'n, start of magnetite composition, perv carn alt'n		
BG11-88	163.50	164.70	C07950	1.20	<.03	carb fault gouge at 163.85 to 163.9 at 30 deg TCA		
BG11-88	167.10	167.70	C07951	0.60	<.03	fault carb gouge at 167.37 to 167.5m		
BG11-88	169.00	170.00	C07952	1.00	<.03	Contacts - Arenite to Syenite to FP; negl py		
BG11-88	183.80	185.30	C07953	1.50	<.03	widely spaced slips at 55 to 65 deg TCA with adjacent qtz + qtz-dol+calcite vn's up to 0.5 cm wide		
BG11-88	189.75	190.20	C07954	0.45	<.03	as above but 10% qtz+qtz-dol-calcite vn's		
BG11-88	230.00	230.50	C07955	0.50	<.03	slips at 230.28 to 230.3m at 85 deg TCA + other parallel slips		
BG11-88	232.55	233.60	C07956	1.05	<.03	slip at 232.95 to 233.1m with adjacent qtz-dol; negl py		
BG11-88	233.60	234.50	C07957	0.90	<.03	one slip <1mm wide with py at 234.45m at 65 deg TCA + ser halo		
BG11-88	248.50	249.70	C07958	1.20	<.03	mutliple narrow slips at 45 deg TCA with chl+carb+qtz; negl py		
BG11-88	255.50	256.20	C07960	0.70	<.03	255.6m slip-fault at 40 deg TCA		
BG11-88	264.00	265.00	C07961	1.00	<.03	at 264.3m 2mm wide slip with chl+qtz+5% py at 30-35 deg TCA; remainder of sample micro frac'ing with weak ser alt'n + other slip-frac's at 40 deg TCA with tr py		
BG11-88	280.90	281.60	C07963	0.70	<.03	1.5 to 2cm wide carb+calcite vn along slip fault from 281 to 281.5 at 5-10 deg TCA, tr py		
BG11-88	290.40	290.90	C07964	0.50	<.03	localized ductile shears at 290.5 to 290.5 and at 290.7m ser+chl; negl py		
BG11-88	301.00	302.10	C07965	1.10	<.03	mod ser alt'n with <5% qtz-dol vn'ing; micro frac'ing		
BG11-88	332.00	333.00	C07966	1.00	<.03	332.36m 2cm wide dk grey qtz vn at 35 deg TCA		
BG11-88	344.80	345.70	C07967	0.90	<.03	345.5m slip-faults at 20 deg TCA with 4cm wide adjacent qtz vn at 20 deg TCA; tr py; other qtz vn's <0.25 cm wide; weak to mod ser alt'n in micro-frac's		
BG11-88	345.70	346.90	C07968	1.20	<.03	slips with qtz+ tr py+tr hem; micro frac'ing with ser alt'n		
BG11-88	377.90	378.90	C07969	1.00	<.03	weak frac'ing with 5% qtz vn'ing with mod ser alt'n; tr py		
BG11-88	378.90	380.30	C07970	1.40	<.03	as above dk qtz in three frac-vn's at 40 to 75deg TCA; negl py		
BG11-88	384.40	385.40	C07971	1.00	<.03	1- grey qtz vn 0.5 cm wide at 30 deg TCA; weak ser alt'n negl py		
BG11-88	385.40	386.00	C07972	0.60	<.03	1- qtz vn with 2% py on margins at 20 deg TCA 1.5 cm wide at 385.8 to 385.92m		
BG11-88	386.00	387.50	C07973	1.50	<.03	infill sample		
BG11-88	387.50	388.50	C07974	1.00	<.03	387.95 to 388.4m ser alt'n in micro-frac'ing 5% qtz dol vn'ing		
BG11-88	388.50	389.00	C07975	0.50	<.03	black qtz vn 1mm to 1.5cm wide at 30 to 40 deg TCA contact FP-Arenite, negl py		
BG11-88	389.00	390.00	C07976	1.00	<.03	at 389.8 and 389.83m two py bands (<5% py) primary fg py?, at 45 deg TCA		
BG11-88	393.40	394.50	C07977	1.10	<.03	393.5m 1.5cm wide qtz-dol vn at 45 deg TCA; 394.35 to 394.4m 90% bull white-grey qtz		
BG11-88	400.10	401.10	C07978	1.00	<.03	slip at 400.1m at 15 deg TCA with adjacent qtz vn and at 400.6 to 400.7m slip with chl at 15 deg TCA + adjacent 7 cm wide orange-brown qtz vn, negl py, slip at 401 m at 85 deg TCA		
BG11-88	402.40	403.50	C07979	1.10	<.03	402.4m 1.5 cm wide qtz dol vn adjacent to slips at 60 deg TCA; 1.5cm wide qtz-dol vn at 50 deg TCA at 403.4m; negl py		
BG11-88	409.60	410.10	C07980	0.50	<.03	409.65m 0.75 m calcite vn at 55 deg TCA		

Hole_ID	From	To	Sample_#	Length	Au ppm	Description	Au ppm_ck	Au ppm-ck2
BG11-88	410.10	411.00	C07981	0.90	<.03	410.4 to 411m mutli qtz-dol vns at 55 to 65 deg TCA; negl py		
BG11-88	425.60	426.10	C07982	0.50	<.03	two - 1.5 cm wide qtz vn's at 45 deg TCA with ser margins and tr py		
BG11-88	445.20	446.00	C07983	0.80	<.03	445.3 to 445.5m 40% qtz-ank vn'ing at 30 deg TCA in weak shear-slips; negl py		
BG11-88	446.00	447.00	C07985	1.00	<.03	446.8 to 446.9m weak shear with 65% qtz+ank; negl py		
BG11-88	451.00	452.00	C07986	1.00	<.03	451.1 to 451.9 65% qtz+ank + thin black qtz in strong shear + ser alt'n at 15 to 65 deg TCA; negl py		
BG11-88	464.50	465.00	C07987	0.50	<.03	at 464,67m 2cm wide qtz-dol vn+ black thin qtz at 60 deg TCA with tr py		
BG11-88	466.00	466.65	C07988	0.65	<.03	466.2m 1 cm wide qtz-dol vn at 45 deg TCA		
BG11-88	469.40	470.40	C07990	1.00	<.03	5 - qtz-ank vn's up to 2 cm wide contorted at 0 and 45 deg TCA, tr to <1% py on margins of vn's		
BG11-88	473.00	473.90	C07991	0.90	<.03	473.3m contorted qtz-dol vn cream-white coloured , tr py with vn		
BG11-88	473.90	474.40	C07992	0.50	<.03	474.2m 2cm wide qtz-dol vn with thin green chl+black thin qtz; tr py with vn		
BG11-88	477.60	478.50	C07993	0.90	<.03	477.65 to 477.75m qtz-dol vn'ing up to 4mm wide at 30 deg TCA; 478.3 to 478.4m irregular qtz vn at 45 deg TCA		
BG11-88	478.50	480.00	C07994	1.50	<.03	479.3 to 479.5m 20% qtz-dol vn'ing		
BG11-88	481.30	482.30	C07995	1.00	<.03	4 - 1 to 2cm wide discont. Qtz-dol vn's at 35 deg TCA		
BG11-88	482.30	483.40	C07996	1.10	<.03	482.4 to 483.4 - 45% cream coloured qtz-dol vn'ing; 483.05 to 482.25m qtz-dol+thin black qtz at 20 deg TCA, tr py		
BG11-88	483.40	484.20	C07997	0.80	<.03	25% cream coloured qtz-dol vn'ing; 484 to 484.04m 2.5 cm wide qtz-dol vn at 60 deg TCA		
BG11-88	486.10	487.10	C07998	1.00	<.03	15% qtz-dol vn'ing		
BG11-88	488.00	488.75	C07999	0.75	<.03	488.58 to 488.7 9cm wide qtz+dol vn with thin black qtz + tr py at margins at 50 deg TCA		
BG11-88	489.90	491.00	C08000	1.10	<.03	20-25% translucent qtz+ qtz+dol along shear planes at 40 to 45 deg TCA with minor discordant vn'lets		
BG11-88	491.00	492.00	C09001	1.00	<.03	15% qtz-dol vn'ing		
BG11-88	492.00	493.00	C09002	1.00	<.03	15% qtz-dol vn'ing		
BG11-88	494.00	494.60	C09003	0.60	<.03	494,1m 2cm wide qtz-dol vn at 20 deg TCA		
BG11-88	495.10	495.70	C09004	0.60	<.03	strong ductile shear - ser+chl+minor fuchsite alt'n; 2 qtz - dol vn's at 85 and 35 deg TCA; tr py		
BG11-88	497.20	498.00	C09005	0.80	<.03	strong ductile shear - ser+chl+minor fuchsite alt'n; three narrow qtz - dol vn's at 30 and 35 deg TCA; negl py		
BG11-88	498.00	499.10	C09006	1.10	<.03	strong ductile shear - 50% cream-opaque coloured qtz-dol flooding + ser+chl alt'n; tr py		
BG11-88	501.00	502.30	C09007	1.30	<.03	strong ductile shear - ser+chl+minor fuchsite alt'n; one qtz - dol vn at 501.8m at 65 deg TCA; tr py		
BG11-88	502.30	503.30	C09008	1.00	<.03	strong ductile shear - 30% cream-opaque coloured qtz-dol flooding + ser+chl alt'n; tr py		
BG11-88	503.30	504.00	C09009	0.70	<.03	strong ductile shear - 30 cm section with 20% cream-opaque coloured qtz-dol flooding + ser+chl alt'n; tr py		
BG11-88	504.00	505.50	C09011	1.50	<.03	strong ductile shear - ser+chl alt'n at 504.9m 3 cm wide qtz-dol vn at 40 deg TCA ; tr py		
BG11-88	*505.50*	*506.10*	*C09012*	*0.60*	*<.03*	*strong ductile shear - ser+chl alt'n; matrix has reddish hue bleed around strong fault at 505.9 to 505.95 at 45 deg TCA with strong gouge +3-5% py - possible east extension of 21 Vein as provide on 1400L Plan*		
BG11-88	506.10	507.00	C09014	0.90	<.03	*strong ductile shear - ser+chl alt'n; 5% qtz-dol in lens and 1-3% fg brassy py in thin lens along shear planes at 25 to 30 deg TCA*		
BG11-88	507.00	508.00	C09015	1.00	<.03	*strong ductile shear - ser+chl alt'n; 15% qtz-dol in lens and 5-7% fg brassy py in thin lens along shear planes at 25 and 65 deg TCA*		
BG11-88	508.00	509.00	C09016	1.00	<.03	*strong ductile shear - ser+chl alt'n; <5% qtz-dol in lens and 5-7% fg brassy py in thin lens along shear planes at 25 and 65 deg TCA*		
BG11-88	509.00	509.50	C09017	0.50	<.03	*strong ductile shear - ser+chl alt'n; <5% qtz-dol in lens and 5-7% fg brassy py in thin lens along shear planes at 30 deg TCA*		
BG11-88	509.50	510.00	C09018	0.50	<.03	strong ductile shear - ser+chl alt'n; 5% qtz-dol in lens and <1% fg brassy py in thin lens along shear planes at 25 to 35 deg TCA		
BG11-88	510.00	511.50	C09019	1.50	<.03	strong ductile shear - ser+chl alt'n; tr py		
BG11-88	511.50	512.50	C09020	1.00	<.03	strong ductile shear - ser+chl alt'n; tr py		
BG11-88	512.50	513.50	C09021	1.00	<.03	*strong ductile shear - ser+chl alt'n;3-7% diss py in small lens along fol'n slips and 25% qtz-ank vn'ing at 25 to 30 deg TCA up to 1.5cm wide*		
BG11-88	513.50	514.80	C09022	1.30	<.03	strong ductile shear - ser+chl alt'n; 1% py in discontinuous lens; 513.54 fault with gouge at 45 deg TCA		
BG11-88	514.80	516.00	C09023	1.20	<.03	strong ductile shear - ser+chl alt'n; <1% py		

Hole_ID	From	To	Sample_#	Length	Au ppm	Description	Au ppm_ck	Au ppm-ck2
BG11-88	516.00	517.00	C09024	1.00	<.03	strong ductile shear - ser+chl alt'n; <1% py; two 2 to 3 cm wide qtz-dol vn's irregular; CNG-QFP contact at 516.9m		
BG11-88	517.00	518.50	C09025	1.50	<.03	QFP - fabric fol'n; negl py; at 518.17m 2.5 cm wide qtz-dol 65 deg TCA		
BG11-88	518.50	520.00	C09026	1.50	<.03	as above		
BG11-88	520.00	521.50	C09027	1.50	<.03	as above		
BG11-88	521.50	523.00	C09028	1.50	<.03	as above		
BG11-88	523.00	524.00	C09029	1.00	<.03	QFP-Cng contact at 523.15m 15 qtz-ank vn'ing from 523,15 to 523.45m; tr py		
BG11-88	524.00	525.00	C09030	1.00	<.03	strong shear; <1% py		
BG11-88	525.00	526.00	C09031	1.00	<.03	strong shear; <1% py; fault at 528.85m at 55 deg TCA + gouge; 10% qtz-ank vn'ing		
BG11-88	526.00	527.30	C09032	1.30	<.03	strong shear; <1% py		
BG11-88	527.30	528.80	C09033	1.50	<.03	527.3 to 527.7m 85% qtz-dol vn'ing + tr py; 1% py lens		
BG11-88	528.80	529.50	C09034	0.70	<.03	strong ductile shear - ser+chl alt'n; 1-2% py lens along fol'n-slips; white qtz lens with tr py		
BG11-88	529.50	531.00	C09035	1.50	<.03	strong ductile shear - ser+chl alt'n; <1% py lens along fol'n-slips; 5% qtz-dol vn'ing at 45 and 5 deg TCA and others irregular and crenulated		
BG11-88	531.00	532.50	C09036	1.50	<.03	as above; 532.1 to 532.5m 25% qtz dol vn'ing at 40 to 55 deg TCA		
BG11-88	532.50	533.50	C09037	1.00	<.03	533.2 to 533.5m 65% qtz dol vn'ing with chl margins, folded; tr py		
BG11-88	533.50	534.50	C09039	1.00	<.03	strong shear; <1% py		
BG11-88	534.50	536.00	C09040	1.50	<.03	strong shear; <1% py; 5% late creunlated and folded qtz-dol vn'ing		
BG11-88	536.00	537.00	C09041	1.00	<.03	536.5 to 656.7 m 90% qtz+dol vn'ing		
BG11-88	537.00	538.00	C09043	1.00	<.03	537.2 to 537.55m 60% qtz-dol vn'ing at 10 deg TCA		
BG11-88	540.10	541.50	C09044	1.40	<.03	strong shear; <1% py; 5% crenulated qtz-dol vn'ing		
BG11-88	545.90	547.00	C09045	1.10	<.03	545.9 to 546m 1-2% py in micro lens; one weak frac at 25 deg TCA with qtz; <5% qtz+dol vn'ing		
BG11-88	547.00	548.00	C09046	1.00	<.03	strong shear; 1% py; <5% crenulated qtz-dol vn'lets		
BG11-88	548.00	549.00	C09047	1.00	0.069	548.6m 1cm wide grey qtz vn'ing+white qtz-dol along slips at 45 deg TCA; 1-2% py in fine lens - discontinuous qtz		
BG11-88	549.00	550.00	C09048	1.00	<.03	strong fol'n; 1% py		
BG11-88	550.00	550.80	C09049	0.80	<.03	strong fol'n; tr py		
BG11-88	550.80	551.60	C09050	0.80	<.03	strong shear; 551-551.15m 80% qtz-dol folded+chl slips; tr py		
BG11-88	551.60	553.10	C09051	1.50	<.03	552.1m 1cm wide slips with qtz-dol+qtz at 45 deg TCA; <1% py in small qtz lenticular pods		
BG11-88	553.10	554.10	C09052	1.00	<.03	strong fol'n fabric; tr py		
BG11-88	554.10	554.60	C09053	0.50	<.03	65% qtz+dol+chl vn'ing at 45 to 50 deg TCA + tr py		
BG11-88	557.50	558.00	C09054	0.50	<.03	qtz-dol vn'ing at 557.7 to 557.83m		
BG11-88	559.00	560.50	C09055	1.50	<.03	559.2 to 559.4m cream white qtz-dol vn at 65 deg TCA; negl py; other qtz-dol vn's at 559.7, 559 to 560.1 and 560.4 to 560.5m		
BG11-88	560.50	562.00	C09056	1.50	<.03	561.3 to 561.5m irregular qtz-dol vn'ing; tr py		
BG11-88	562.00	562.90	C09057	0.90	<.03	562.33m 0.75cm wide solid py vn but discontinuous at 45 to 50 deg TCA; other discontinuous lens <2mm wide at 45 deg TCA; overall 1-3% py		
BG11-88	562.90	564.40	C09058	1.50	<.03	strong ductile shear-fol'n at 30 to 45 deg TCA with strong ser+chl+minor fucsite & sections with late qtz-dol vn'ing up to 20 cm wide + chl on margins creulated & folded sometimes at low angles to TCA; tr to 1% spotty py in micro lens along slip-fol'n planes		
BG11-88	564.40	565.40	C09059	1.00	<.03	as above		
BG11-88	565.40	567.00	C09060	1.60	<.03	as above		
BG11-88	567.00	567.80	C09061	0.80	<.03	as above		
BG11-88	570.30	571.60	C09062	1.30	<.03	as above		
BG11-88	571.60	573.00	C09063	1.40	<.03	as above		
BG11-88	573.00	574.30	C09064	1.30	<.03	as above		
BG11-88	574.30	575.50	C09065	1.20	<.03	as above		
BG11-88	575.50	576.50	C09066	1.00	<.03	as above		
BG11-88	576.50	577.00	C09067	0.50	<.03	576.6 to 577.55m strong ser+Kspar+chl alt'n+ 20% qtz-dol up to strong Fault contact at 577.6 to 577.7 m with gouge +qtz+carb vn1 cm wide at 30 deg TCA - Bidgood North Break? 1-2% py in gouge - Cngl- Diorite contact		

Hole_ID	From	To	Sample_#	Length	Au ppm	Description	Au ppm_ck	Au ppm-ck2
BG11-88	*577.00*	*577.90*	*C09068*	*0.90*	*<.03*	*577.6 to 577.7 m with gouge +qtz+carb vn1 cm wide at 30 deg TCA - Bidgood North Break? 1-2% py in gouge*		
BG11-88	577.90	579.00	C09070	1.10	<.03	ser+qtz-dol alt'n in diorite bx; negl py		
BG11-88	579.00	580.50	C09071	1.50	<.03	as above		
BG11-88	580.50	581.80	C09072	1.30	<.03	as above		
BG11-88	**581.80**	**582.70**	**C09074**	**0.90**	**0.686**	**at 582m 3cm wide qtz-dol vn at 65 deg TCA with tr brassy py + cpy at margins in chl**		
BG11-88	582.70	583.40	C12489	0.70	<.03	INFILL		
BG11-88	583.40	584.10	C12490	0.70	<.03	INFILL		
BG11-88	584.10	585.00	C09075	0.90	0.206	584.1-584.6m 20% carb+chl vn'ing at 0-5deg TCA; negl py		
BG11-88	585.00	586.30	C09076	1.30	0.069	10-15% irregular qtz-dol vn'ing; negl py		
BG11-88	586.30	587.60	C09077	1.30	0.206	as above		
BG11-88	599.40	600.70	C09078	1.30	0.137	600.2 to 600.65m early qtz-dol flooding with frac'ing; negl py		
BG11-88	609.90	611.30	C09079	1.40	0.069	5-10% qtz-dol vn'ing; negl py		
BG11-88	611.30	612.30	C09080	1.00	0.411	as above		
BG11-88	*612.30*	*612.80*	*C09081*	*0.50*	*<.03*	*at 612.4m diorite bx - QFP contact; 3-5% diss py in purple qtz from 612.4 to 612.5m in QFP; 1-3% py in qtz-dol and purple qtz vn'ing; slips at 35 to 50 deg TCA; strong ser alt'n in micro frac's*		
BG11-88	*612.80*	*613.50*	*C09082*	*0.70*	*0.274*	*1-3% py in qtz-dol and purple qtz vn'ing; slips at 35 to 50 deg TCA; strong ser alt'n in micro frac's*		
BG11-88	613.50	614.30	C09083	0.80	<.03	<1% py in frac's in QFP; at 614.2m QFP - Diorite Bx contact		
BG11-88	614.30	615.00	C09084	0.70	<.03	614.8 to 614.87m 0.75cm qtz vn with 5-7% fg py at 30 deg TCA at diorite bx-diorite contact		
BG11-88	615.00	616.50	C09085	1.50	0.069	3- 0.25 cm wide purple qtz vn'lets at 40 to 45 deg TCA; tr py+ 1% spec hem; one 3cm wide purple-white qtz vn at 616.4m at 50 deg TCA with tr py + spec hem		
BG11-88	616.50	617.10	C09086	0.60	0.480	617m 1cm wide qtz-carb +chl vn along weak slips at 25 deg TCA; one purple qtz vn 1cm wide at 25 deg TCA with 10% fg py		
BG11-88	617.10	618.00	C09101	0.90	0.069	infill sample; two purple qtz vn's up to 1.5 cm wide with 5% spec hem+ <1% brassy py at 45 to 55 deg TCA		
BG11-88	618.00	619.50	C09102	1.50	<.03	infill sample - three purple qtz vn'sup to 1 cm wide with 1-2% py		
BG11-88	619.50	621.00	C09103	1.50	<.03	infill sample		
BG11-88	621.00	621.80	C09104	0.80	<.03	infill sample		
BG11-88	621.80	622.40	C09087	0.60	<.03	two weak slips with adjacent qtz-carb with 1-3% py		
BG11-88	622.40	623.00	C09089	0.60	<.03	tr py in hairline frac's		
BG11-88	623.00	624.50	C09090	1.50	<.03	623.8m one - 0.5cm wide qtz vn with 5% py and one 0.2cm wide qtz vn with 1% py; 1-2% diss py throughout		
BG11-88	**624.50**	**625.20**	**C09091**	**0.70**	**0.549**	**5-7% py with 10-15% white carb-qtz vn'ing at generally 25 to 30 deg TCA + py in frac's at 45 - 50 deg TCA; possible up-dip of 24 Vein**		
BG11-88	***625.20***	***626.30***	***C09092***	***1.10***	***0.137***	***2-7% py in frac'sand in white carb vn'ing at 35 to 65 deg TCA; 626 to 626.3m 5-7%py in 15-20% carb vn'ing***		
BG11-88	626.30	627.00	C09094	0.70	<.03	weak frac'ing; tr py		
BG11-88	*627.00*	*627.50*	*C09095*	*0.50*	*0.137*	*627.35m 0.7 cm wide carb-qtz vn at 45 deg TCA with 15% py*		
BG11-88	627.50	628.10	C09096	0.60	<.03	tr py		
BG11-88	**628.10**	**628.80**	**C09097**	**0.70**	**0.617**	**628.1-628.2m banded late white qtz vn with chl slips at 40 to 55 deg TCA; 628.2 to 628.33m 3 py bands 0.5 to 1.5cm wide at 50-55 deg TCA 10-12% py; 628.7m 1cm wide carb vn at 45 deg TCA with 5% py**		
BG11-88	628.80	629.60	C09098	0.80	0.069	tr py		
BG11-88	629.60	630.50	C09099	0.90	<.03	multiple weak slips at 55 to 85 deg TCA with chl+py+leuc flec halos		
BG11-88	630.50	631.50	C09100	1.00	<.03	tr py		
BG11-88	631.50	633.00	C09105	1.50	<.03	wide spaced chl slips with carb vn'ing up to 1 cm wide occassionally with py		
BG11-88	633.00	633.60	C09106	0.60	<.03	tr py; 5% white carb vn'ing		
BG11-88	633.60	635.00	C09107	1.40	<.03	633.6 to 633.8m 1.5cm wide carb vn at 15 deg TCA; 634. to 634.5m 10% leuc flecs, carb vn'ing with <1% py and 3% spec hem with late pink-white carb vn'ing up to 3 cm wide		
BG11-88	635.00	636.20	C09108	1.20	<.03	5-10% late carb vn'ing; tr py		
BG11-88	636.20	637.20	C09109	1.00	0.069	5-15% leuc flecs; three qtz-dol vn's up to 3 cm wide at 40 and 75-80 deg TCA		
BG11-88	637.20	639.00	C09110	1.80	0.069	10-15% cream coloured qtz-dol vning minor crenulation; tr py		

Hole_ID	From	To	Sample_#	Length	Au ppm	Description	Au ppm_ck	Au ppm-ck2
BG11-88	639.00	639.80	C12491	0.80	<.03	INFILL		
BG11-88	639.80	640.60	C12492	0.80	<.03	INFILL		
BG11-88	640.60	641.40	C12493	0.80	<.03	INFILL		
BG11-88	641.40	642.40	C09111	1.00	0.411	multiple carb vn'ong at 0 to 10 deg TCA with occasional py and 3% spec hem		
BG11-88	645.70	646.60	C09112	0.90	0.274	645.77m at diorite-diorite bx contact 7 cm wide chl+ser+carb vn shear zone; 10-20% qtz-carb vn'ing at variable angles predom 0-5 deg TCA		
BG11-88	649.00	649.70	C09113	0.70	0.137	1.5 cm wide carb vn at 15 deg TCA; tr py		
BG11-88	652.90	653.50	C09114	0.60	0.069	653.15m 2cm wide grey qtz vn with 5-7% py at 65 deg TCA		
BG11-88	661.60	662.20	C09115	0.60	0.480	661.7m 1-2% fg py in hirline frac's over 10 cm wide		
BG11-88	662.20	663.00	C09116	0.80	<.03	two carb vn's with tr py		
BG11-88	663.00	664.00	C09117	1.00	<.03	663.4 to 663.6m 30 deg TCA carb vn at 1 cm wide; tr py		
BG11-88	664.00	665.00	C09118	1.00	0.069	tr py		
BG11-88	665.00	666.00	C09119	1.00	<.03	weak frac's <3mm wide with py; overall 1-2% py at 55 to 60 deg TCA		
BG11-88	666.00	667.40	C09121	1.40	<.03	two white grey carb vn's with py; overall 1-2% py; Diorite Bx - FP contact		
BG11-88	673.30	674.00	C09123	0.70	<.03	weak carb vn at 25 to 30 deg TCA with spalsh of cpy and tr py, 1.5cm wide		
BG11-88	675.00	676.20	C09124	1.20	0.069	at 675m FP-Diorite Bx contact; <5% carb vn'ing		
BG11-88	676.20	677.00	C09125	0.80	<.03	weak chl+carb vn'ing; <1% py		
BG11-88	678.70	679.50	C09126	0.80	<.03	1-4mm wide carb vn'lets with occasional py+ rare cpy; diorite bx-syenite contact		
BG11-88	679.50	680.50	C09127	1.00	<.03	0 to 25 deg TCA carb vn'ing with py - rare cpy up to 0.5cm wide		
BG11-88	680.50	681.50	C09128	1.00	<.03	as above		
BG11-88	681.50	682.30	C09129	0.80	<.03	as above; Syn-Diorite Bx contact at 682.22m		
BG11-88	683.00	683.50	C09130	0.50	<.03	683.15m 2cm wide carb vn at 65 deg TCA		
BG11-88	684.80	685.80	C09131	1.00	<.03	weak carb+chl vn'ing at 0 deg TCA and 40 deg TCA with tr py		
BG11-88	685.80	686.40	C09132	0.60	<.03	tr py in weak vn'ing		
BG11-88	687.70	688.70	C09133	1.00	0.137	parallel 0.5cm qtz-dol vn'ing with tr py; 688.5 to 688.5m two dk grey carb vn's at 65 and 55 deg TCA with 3-6% py		
BG11-88	688.70	689.70	C09134	1.00	0.137	five qtz-dol vn's; negl py		
BG11-88	689.70	690.30	C09135	0.60	<.03	tr py in weak vn'ing		
BG11-88	691.90	692.60	C09136	0.70	<.03	692.3m 3 cm wide qtz-dol carb chl vn'ing at 40 deg TCA		
BG11-88	693.50	694.20	C09137	0.70	<.03	693.75m to 693.86m slips at 85 de TCA with qtz-dol vn's+ <1% py		
BG11-88	696.20	697.20	C09138	1.00	<.03	weak carb and qtz-dol vn'ing with negl py		
BG11-88	697.20	697.80	C09139	0.60	<.03	697.6 to 697.65m irregular discontinuouis carb+chl vn with 2% cpy		
BG11-88	697.80	698.80	C09140	1.00	<.03	weak carb vn'ing with tr py		
BG11-88	700.30	701.00	C09141	0.70	<.03	700.36-700.5m 3 cm carb vn 3cm wide tr py; two other weak frac's with py		
BG11-88	701.00	702.00	C09142	1.00	<.03	weak frac with py<1mm; 702m 2.5cm wide carb vn at 30 deg TCA, tr py		
BG11-88	704.00	704.50	C09143	0.50	<.03	tr py		
BG11-88	704.50	705.10	C09144	0.60	<.03	704.85-704.96m light lavender coloured section with hairline frac's at 55 deg TCA with overall 3-5% py		
BG11-88	705.10	706.40	C09145	1.30	<.03	one - 1mm wide py vn at 70 deg TCA; 706.1 to 706.2m carb+ qtz-dol at 25 deg TCA		
BG11-88	717.30	717.80	C09146	0.50	<.03	four parallel carb vn's at 35 deg TCA; splah of cpy in hairline frac		
BG11-88	718.50	719.50	C09147	1.00	<.03	diorite bx - FP contacts at 718.62 and 719.4; edge of carb vn with chl and 5% py over 3cm patch		
BG11-88	719.50	720.50	C09148	1.00	<.03	720.4m 2cm wide qtz at 70 deg TCA with fg py; tr py overall		
BG11-88	721.60	722.20	C09150	0.60	<.03	721.95m weak slip at 65 deg TCA with 0.5cm carb		
BG11-88	726.70	727.70	C09151	1.00	<.03	726.8 2.5 cm wide chl+carb vn at 25 deg TCA, tr py; diroite bx-FP contacts at 727.03 and 727.63m		
BG11-88	727.70	728.60	C09152	0.90	<.03	tr py		
BG11-88	728.60	729.40	C09153	0.80	<.03	tr py		
BG11-88	729.40	730.20	C09154	0.80	0.274	729.4 to 729.6m 3mm wide chl vn's with py, 1-3% py at 25 deg TCA; 729.74 to 730m 5-8% diss py in dk grey matrix and in hairline frac's		
BG11-88	**730.20**	**731.00**	**C09156**	**0.80**	**0.686**	tr py		
BG11-88	731.00	732.00	C12494	1.00	<.03	INFILL		
BG11-88	732.00	733.00	C12495	1.00	<.03	INFILL		
BG11-88	733.00	734.00	C12496	1.00	<.03	INFILL		
BG11-88	734.00	735.00	C12497	1.00	<.03	INFILL		

Hole_ID	From	To	Sample_#	Length	Au ppm	Description	Au ppm_ck	Au ppm-ck2
BG11-88	735.00	735.90	C12498	0.90	<.03	INFILL		
BG11-88	735.90	736.40	C09157	0.50	<.03	10% white carb vn'ing at 10 to 15 deg TCA; negl py		
BG11-88	*736.40*	*736.90*	*C09158*	*0.50*	*<.03*	*slip-shear at 736.5 to 736.58 with carb vn+0.5cm wide py band at 65 deg TCA*		
BG11-88	736.90	737.50	C09159	0.60	<.03	tr py		
BG11-88	737.50	738.20	C09160	0.70	<.03	2mm wide carb -qtz vn's along slips at 55 to 70 deg TCA; tr py		
BG11-88	740.40	741.40	C09161	1.00	<.03	740.4 to 743.3m strong frac'd zone with chl healed frac's at 25 and 45 deg TCA; mod ser alt'n; 5-10% mauve-white vn'ing at 25 and 50 deg TCA; overall tr py		
BG11-88	741.40	742.40	C09162	1.00	<.03	as described above		
BG11-88	742.40	743.40	C09163	1.00	0.411	as described above		
BG11-88	743.40	744.40	C09164	1.00	<.03	as described above		
BG11-88	744.40	745.50	C09165	1.10	0.343	744.85m 0.2cm wide qtz vn'let + py at 35 deg TCA; 744.3 to 744.5m 1-3% diss py		
BG11-88	**745.50**	**746.40**	**C09166**	**0.90**	**0.549**	tr py		
BG11-88	*746.40*	*747.00*	*C09167*	*0.60*	*2.160*	*746.4 to 746.6m white carb vn'ing at 40 deg TCA with <1% cpy and 1% py; 746.8m grey qtz at 65 deg TCA at 1.5cm wide*	2.606	1.714
BG11-88	747.00	748.00	C09169	1.00	<.03	tr py		
BG11-88	751.50	752.00	C09170	0.50	<.03	hairline frac with chl at 65 deg TCA with a splash of cpy possibly at the intersection of a 10 deg TCA frac		
BG11-88	752.00	752.70	C09171	0.70	0.274	751.75 to 752.7m slip at 5 deg TCA with 1 to 2.5 cm wide braided carb vn; tr py		
BG11-88	756.10	757.20	C09172	1.10	<.03	frac'd zone; tr py		
BG11-88	757.20	758.20	C09173	1.00	<.03	758m 3cm wide mauve-white carb vn; tr py		
BG11-88	759.80	760.80	C09174	1.00	<.03	760.7 to 760.75m sil section with 1-3% py in hairline frac's and in matrix		
BG11-88	762.40	763.30	C09175	0.90	<.03	carb-qtz vn'ing at 25 and 65 deg TCA		
BG11-88	767.10	768.10	C09176	1.00	<.03	767.7 to 768m two 1.5cm wide mauve-white carb vn's at 20 deg TCA		
BG11-88	774.00	774.70	C09177	0.70	<.03	774 to 776.65m mod to weak fractured section with chl healed brittle frac's; 5-10% grey white carb vn'ing; 1-5% diss py in matrix + in frac's-vn's at 65 deg TCA specificallt at 776.3 and 776.4m at 1-3mm wide		
BG11-88	774.70	775.70	C09179	1.00	<.03	as described in 774 to 774.7m;		
BG11-88	775.70	776.70	C09180	1.00	0.480	as described in 774 to 774.7m		
BG11-88	776.70	777.70	C09181	1.00	<.03	as described in 774 to 774.7m		
BG11-88	779.15	780.00	C09182	0.85	<.03	779.15-779.8m 1-5% fg to coarse anhedral py in discontinuous qtz vn's and in matrix		
BG11-88	*780.00*	*780.70*	*C09183*	*0.70*	*1.097*	*780.35m 2mm wide py vn at 70 deg TCA*	1.097	1.097
BG11-88	780.70	781.70	C09184	1.00	<.03	1% diss py in matrix		
BG11-88	781.70	782.70	C09185	1.00	<.03	tr py		
BG11-88	782.70	784.10	C09186	1.40	<.03	tr py; diorite bx-FP contact at 784m		
BG11-88	787.50	788.30	C09187	0.80	0.274	<1% py; <5% carb vn		
BG11-88	788.30	789.00	C09188	0.70	0.206	788.7m 4mm wide py vn at 65-70 deg TCA; one other <2mm wide py frac at 65 deg TCA		
BG11-88	789.00	789.80	C09189	0.80	<.03	789.53 to 789.59m grey-green-white qtz vn at 55-60 deg TCA; minor frac'ing with t py		
BG11-88	789.80	791.00	C09190	1.20	<.03	two 0.5 to 1cm wide qtz vn's at 25 deg TCA with splash of cpy		
BG11-88	791.00	792.00	C09191	1.00	<.03	791.85m qtz vn 1cm wide at 30 to 40 deg TCA; negl py; EOH		
BG11-89	2.80	4.30	C05552	1.50	<.03	wy bl'd; 5% spec		
BG11-89	4.30	5.75	C05553	1.45	<.03	shr; 0.5m chl@51		
BG11-89	5.75	6.95	C05554	1.20	<.03			
BG11-89	6.95	7.90	C05555	0.95	<.03	0.2m BC incl in 0.4m 15% leuco w 6% cse d py+ 15% bull pa gy q-ank-all@46		
BG11-89	7.90	9.00	C05557	1.10	<.03			
BG11-89	9.00	10.40	C05558	1.40	<.03	1/8" 60% cse py vn@33 imm prec by 0.2m epi-ank-chl bx		
BG11-89	16.40	17.45	C05559	1.05	<.03			
BG11-89	17.45	18.10	C05560	0.65	<.03	ct imm prec by 0.2m BC w 10% leuco+3% cse d py		
BG11-89	18.10	18.75	C05561	0.65	<.03			
BG11-89	24.30	25.10	C05563	0.80	<.03	ct wy bl'd		
BG11-89	25.10	26.15	C05564	1.05	<.03			
BG11-89	26.15	27.30	C05565	1.15	<.03			
BG11-89	27.30	28.00	C05566	0.70	0.069	0.25m 15% leuco centred on 1/4" chl-sil vn on tight flt w 25% cse d py over 1"+10% overall		
BG11-89	28.00	29.30	C05567	1.30	<.03			
BG11-89	29.30	30.65	C05568	1.35	<.03	ct-no alt'n		

Hole_ID	From	To	Sample_#	Length	Au ppm	Description	Au ppm_ck	Au ppm-ck2
BG11-89	36.70	37.40	C05569	0.70	<.03			
BG11-89	37.40	38.70	C05570	1.30	<.03	ct; 5% leuco		
BG11-89	38.70	40.15	C05571	1.45	<.03			
BG11-89	40.15	40.95	C05572	0.80	<.03	10% f+cse d py gen @15+80		
BG11-89	40.95	42.15	C05574	1.20	0.069			
BG11-89	42.15	43.00	C05575	0.85	0.069	wy bl'd; 10-15% cse d py gen@35		
BG11-89	43.00	43.75	C05576	0.75	<.03			
BG11-89	43.75	44.85	C05577	1.10	<.03	wy bl'd; 10-15% cse d py gen@45; fresh ct		
BG11-89	44.85	45.60	C05578	0.75	<.03			
BG11-89	56.65	57.45	C05579	0.80	<.03	0.2m mody bl'd w 25% q-ank@66		
BG11-89	70.00	71.50	C05580	1.50	<.03			
BG11-89	71.50	73.00	C05581	1.50	<.03			
BG11-89	73.00	74.50	C05582	1.50	<.03			
BG11-89	74.50	75.55	C05583	1.05	<.03			
BG11-89	75.55	76.45	C05584	0.90	<.03	flt's in 0.5m ser-chl shr@ct		
BG11-89	76.45	77.50	C05585	1.05	<.03			
BG11-89	77.50	79.00	C05586	1.50	<.03	dio over 0.2m does not cross core		
BG11-89	79.00	80.50	C05588	1.50	<.03			
BG11-89	80.50	82.00	C05589	1.50	<.03	4% cse d py locy conc		
BG11-89	82.00	83.50	C05590	1.50	<.03			
BG11-89	83.50	85.00	C05591	1.50	<.03	4% cse d py locy conc		
BG11-89	85.00	86.50	C05592	1.50	<.03			
BG11-89	86.50	88.00	C05593	1.50	<.03			
BG11-89	88.00	89.50	C05594	1.50	<.03			
BG11-89	89.50	91.00	C05595	1.50	<.03			
BG11-89	91.00	92.50	C05596	1.50	<.03			
BG11-89	92.50	94.00	C05597	1.50	<.03	0.1m 10% cse d py@45 assd w 30% q-ank		
BG11-89	94.00	94.90	C05598	0.90	<.03	1" 20% cse d py@30; 1" cse py vn@60		
BG11-89	94.90	95.50	C05599	0.60	<.03			
BG11-89	95.50	96.70	C05600	1.20	<.03			
BG11-89	96.70	97.30	C05601	0.60	<.03	1/8"+1/2" 70% cse py vn @25+15		
BG11-89	97.30	98.00	C05602	0.70	<.03			
BG11-89	98.00	99.05	C05603	1.05	0.206	3/4" 80% cse py vn @25 centres 0.3m 20% leuco		
BG11-89	99.05	100.00	C05605	0.95	0.069			
BG11-89	100.00	100.70	C05606	0.70	0.069	1/2"+1/4" 30% cse py vn's in ank@70 in 0.2m 20% leuco		
BG11-89	100.70	101.50	C05607	0.80	<.03			
BG11-89	101.50	103.00	C05608	1.50	0.069	1/4" 60% cp@10 disc		
BG11-89	103.00	104.30	C05609	1.30	0.137			
BG11-89	104.30	104.90	C05610	0.60	<.03			
BG11-89	104.90	105.50	C05611	0.60	0.274	1/4" 70% cse py vn @30 in 0.1m 15% leuco		
BG11-89	105.50	106.00	C05612	0.50	0.137			
BG11-89	106.00	107.50	C05614	1.50	0.069			
BG11-89	107.50	109.00	C05615	1.50	0.206			
BG11-89	109.00	109.70	C05616	0.70	<.03	1/4" 20% cse py vn@45		
BG11-89	109.70	110.60	C05617	0.90	<.03			
BG11-89	110.60	112.10	C05618	1.50	0.206	vuggy, mody bl'd; 5% cse d py+5% spec		
BG11-89	112.10	112.80	C05619	0.70	0.206	flt ct imm prec by 0.5m hily hem'd w 1/4" 40% cse py vn +1/4" med gy qv, imm foll by 0.2m mody bl'd chl'd shr w 10% q-ank		
BG11-89	112.80	113.60	C05620	0.80	<.03			
BG11-89	118.40	119.55	C05621	1.15	0.069	flt imm prec by 0.3mchl bx imm prec by 0.1m hily hem'd; no py		
BG11-89	121.15	122.45	C05622	1.30	0.137			
BG11-89	122.45	123.25	C05623	0.80	0.069			

Hole_ID	From	To	Sample_#	Length	Au ppm	Description	Au ppm_ck	Au ppm-ck2
BG11-89	123.25	123.85	C05624	0.60	0.206	20% 1/4" q-ank vn's @70		
BG11-89	123.85	125.00	C05625	1.15	3.875	almost all hily bl'd, wy sil'd w 35% cse py vn's+diss py @42 w 10% q-ank+10% chl	3.840	3.909
BG11-89	125.00	125.80	C05627	0.80	0.274			
BG11-89	125.80	127.00	C05628	1.20	0.137	10% leuco		
BG11-89	127.00	128.20	C05629	1.20	<.03	10% leuco		
BG11-89	128.20	129.30	C05630	1.10	<.03	10% leuco		
BG11-89	129.30	130.05	C05631	0.75	0.137	1" wt qv imm foll by 3/4" 70% cse py vn imm foll by str flt-greasy tight gouge@17; 10% leuco		
BG11-89	130.05	130.75	C05633	0.70	<.03	10% leuco		
BG11-89	130.75	131.90	C05634	1.15	<.03	10% leuco		
BG11-89	131.90	133.15	C05635	1.25	<.03	10% leuco		
BG11-89	133.15	134.50	C05636	1.35	<.03	10% leuco		
BG11-89	134.50	135.90	C05637	1.40	<.03	10% leuco		
BG11-89	135.90	137.10	C05639	1.20	0.069	all hily shr'd+ cr'd+wy sil'd pa gy + w 5% f+cse d py imm foll by gouge MAIN BRK imm foll by 0.2m mody bl'd+chl'd w no py		
BG11-89	137.10	138.40	C05640	1.30	<.03	mody shr'd w chl-ser		
BG11-89	138.40	139.80	C05641	1.40	<.03			
BG11-89	139.80	141.15	C05642	1.35	<.03	5% leuco		
BG11-89	141.15	142.50	C05643	1.35	<.03	5% leuco; 5% cse d py		
BG11-89	142.50	143.40	C05644	0.90	3.155	5% leuco; mody bl'd w islands fresher; 5% cse d py; alt'n centred on 1/2" pa gy q-ank +30% cse py vn@49	3.360	2.949
BG11-89	143.40	144.20	C05645	0.80	<.03	0.1m 30% cse clots py+ vn py@50		
BG11-89	144.20	145.30	C05646	1.10	<.03			
BG11-89	146.50	147.60	C05647	1.10	0.206	mody hem'd bx frag's		
BG11-89	165.05	166.00	C05648	0.95	<.03	slip brings in 0.2m 60% ank-carb		
BG11-89	170.95	172.15	C05649	1.20	<.03	flt imm prec by 1/4" carb		
BG11-89	177.30	178.35	C05650	1.05	<.03	0.1m dk gy-pur hily mag w 5% cse d py@62		
BG11-89	179.85	181.00	C05651	1.15	<.03	BC brings in dk gy aph		
BG11-89	181.00	182.40	C05652	1.40	<.03	dk gy aph		
BG11-89	182.40	183.20	C05653	0.80	<.03			
BG11-89	183.20	184.00	C05654	0.80	<.03	flt imm foll by 0.2m mody bl'd w chl bx+5% cse d py		
BG11-89	184.00	185.50	C05655	1.50	<.03			
BG11-89	185.50	187.00	C05656	1.50	<.03			
BG11-89	187.00	187.80	C05657	0.80	<.03	2* 1/4" 40% cse py vn@40		
BG11-89	187.80	188.50	C05658	0.70	<.03			
BG11-89	188.50	189.00	C05659	0.50	<.03			
BG11-89	**189.00**	**190.00**	**C05660**	**1.00**	**0.960**	0.05m q-ank-carb vn w 20% cse d py@44 assd w epi		
BG11-89	190.00	191.40	C05661	1.40	0.137			
BG11-89	191.40	192.70	C05663	1.30	<.03			
BG11-89	197.10	197.75	C05664	0.65	<.03	2* 1/4" 20% cse py vn in epi-ank @24		
BG11-89	197.75	198.70	C05665	0.95	0.206	0.7m amorphous aph med gy-br posy dyke but more likely alt'n (sil-carb hily bl'd w some less alt'd)@42 w 10% q-ank vn's@57 w 20% cse d py		
BG11-89	198.70	199.50	C05666	0.80	0.206	1/4" 70% cse py vn@20; 15% leuco		
BG11-89	199.50	200.50	C05667	1.00	0.069	15% leuco		
BG11-89	**200.50**	**201.50**	**C05668**	**1.00**	**0.960**	15% leuco; BC w at least 1/2"-3/4" 30% cse py vn @5-20		
BG11-89	201.50	202.90	C05669	1.40	2.469	1/4" 60% cse py vn@15; BC w at least 1" 80% cse py vn@15; 2* 0.1m 80% cse py vn's@30+18; #6 VN?	2.057	2.880
BG11-89	202.90	203.80	C05671	0.90	<.03	15% leuco		
BG11-89	203.80	204.30	C05672	0.50	<.03	15% leuco; 3/4" q-ank vn w 20% cse d py@37		
BG11-89	204.30	205.30	C05673	1.00	<.03	15% leuco		
BG11-89	205.30	206.50	C05674	1.20	<.03	15% leuco		
BG11-89	206.50	207.80	C05675	1.30	<.03	15% leuco		
BG11-89	207.80	208.95	C05676	1.15	<.03	15% leuco		

Hole_ID	From	To	Sample_#	Length	Au ppm	Description	Au ppm_ck	Au ppm-ck2
BG11-89	208.95	210.35	C05677	1.40	<.03	15% leuco		
BG11-89	210.35	211.00	C05678	0.65	<.03	15% leuco; 0.1m chl-ser w 20% cse d py@34		
BG11-89	211.00	212.30	C05679	1.30	<.03	15% leuco; 15% q-ank vn's@47 assd w chl+ser		
BG11-89	213.15	214.25	C05680	1.10	<.03			
BG11-89	214.25	215.30	C05681	1.05	<.03	mody bl'd w ser-chl+5% q-ank+ flt+ 5* 1/8"chl-py vn's@50-56		
BG11-89	215.30	216.50	C05682	1.20	<.03			
BG11-89	216.50	217.20	C05683	0.70	<.03	wy bl'd; 1" 5% cse d py@60		
BG11-89	217.20	217.85	C05684	0.65	0.206	2* 1/8" ser-chl-py vn's@47 w 0.05m q-ank@120		
BG11-89	**217.85**	**218.45**	**C05685**	**0.60**	**0.617**			
BG11-89	218.45	219.35	C05686	0.90	<.03	0.2m hily bl'd, wy sil'd w ser-chl+10% q-ank+3% cse d py@70		
BG11-89	219.35	220.00	C05688	0.65	<.03			
BG11-91	18.00	19.50	C07412	1.50	<.03	18 to 29.5m ductile shear zone with 1-5% dissbrassy anhedral py in 1mm frac's-veins along slip planes with dark qtz+chl and in discontinuous frac's; strong sericite & K-spar? alt'n; more py in frac's between 25.5 to 29.5m		
BG11-91	19.50	21.00	C07413	1.50	<.03	as described in 18 to 19.5m		
BG11-91	21.00	22.50	C07414	1.50	<.03	as described in 18 to 19.5m		
BG11-91	22.50	24.00	C07415	1.50	<.03	as described in 18 to 19.5m		
BG11-91	24.00	25.50	C07416	1.50	<.03	as described in 18 to 19.5m		
BG11-91	25.50	27.00	C07417	1.50	<.03	as described in 18 to 19.5m		
BG11-91	27.00	28.10	C07419	1.10	<.03	as described in 18 to 19.5m		
BG11-91	28.10	29.50	C07420	0.80	<.03	as described in 18 to 19.5m; Lost Core of 0.6m so actual length is 0.8m not 1.4m		
BG11-91	29.50	30.50	C07421	1.00	<.03	Start of QFP unit; one to two 1mm frac's with dk qtz-chl; <1%py		
BG11-91	30.50	31.50	C07422	1.00	<.03	30.7 to 30.9m 45% py with a 8cm wide 95% py vn at 55 deg TCA		
BG11-91	31.50	32.50	C07424	1.00	<.03	5cm wide section with irregular dk grey qtz and early qtz-dol vn'ing; <1% py in one or two hairline frac's		
BG11-91	32.50	33.50	C07425	1.00	0.069	33 to 33.1m 5% py in irregular qtz vn'ing		
BG11-91	33.50	34.50	C07426	1.00	<.03	3-5% py in vn's at 33.6m over 3cm wide and at 34.3m at 1cm wide at 50 to 75 deg TCA		
BG11-91	34.50	36.00	C07427	1.50	<.03	tr py in weak frac'ing		
BG11-91	36.00	37.50	C07428	1.50	0.137	widely spaced qtz vn's 1mm wide with py; overall <1%		
BG11-91	37.50	38.20	C07429	0.70	<.03	at 38m 2-3mm wide py qtz vn		
BG11-91	38.20	39.20	C07430	1.00	<.03	moderate frac'ing with grey& whiteqtz-dol in vn's; tr py		
BG11-91	39.20	40.50	C07431	1.30	<.03	as above		
BG11-91	52.90	53.80	C07432	0.90	<.03	53.3 to 53.4m dr grey and white braided qtz vn'ing with 3-7% fg py at 55 deg TCA		
BG11-91	53.80	55.00	C07433	1.20	<.03	weak frac'ing with early qtz-dol		
BG11-91	55.00	56.00	C07434	1.00	<.03	weak frac'ing 1mm wide with 1-2% py		
BG11-91	**56.00**	**57.00**	**C07436**	**1.00**	**0.549**	56 to 68.9m 2 to 90% py in qtz vn's and frac-faut-slips from <1mm to 5cm wide at 45 to 80 deg TCA, overall 2 to 10% content overall; 61.75 to 64m later QFP dyke non-mineralized; section has pale orange spec -hem? perv alt'n; 66.1m 5cm wide qtz vn with 90% py; zone bounded by strong fault from 68.9 to 69.8m at 15 deg TCA with Breccia + chl		
BG11-91	***57.00***	***58.00***	***C07437***	***1.00***	***0.960***	as described in 56 to 57		
BG11-91	***58.00***	***59.00***	***C07438***	***1.00***	***0.549***	as described in 56 to 57		
BG11-91	***59.00***	***60.00***	***C07440***	***1.00***	***<.03***	as described in 56 to 57		
BG11-91	***60.00***	***61.00***	***C07441***	***1.00***	***<.03***	as described in 56 to 57		
BG11-91	***61.00***	***61.80***	***C07442***	***0.80***	***0.411***	as described in 56 to 57		
BG11-91	61.80	63.20	C07443	1.40	<.03	QFP Dyke tr py		
BG11-91	63.20	64.10	C07444	0.90	<.03	QFP Dyke tr py		
BG11-91	***64.10***	***64.80***	***C07445***	***0.70***	***<.03***	as described in 56 to 57		
BG11-91	***64.80***	***65.90***	***C07446***	***1.10***	***0.069***	as described in 56 to 57		
BG11-91	***65.90***	***66.80***	***C07447***	***0.90***	***0.686***	as described in 56 to 57; 5cm wide 90% py vn		
BG11-91	***66.80***	***67.80***	***C07449***	***1.00***	***0.343***	as described in 56 to 57		
BG11-91	***67.80***	***68.90***	***C07450***	***1.10***	***0.069***	as described in 56 to 57		
BG11-91	68.90	69.90	C07451	1.00	0.411	68.9 to 69.6m Strong Fault at 15 to 25 deg TCA with bx in chl matrix 5-7% py + thin gouge along three slips		

Hole_ID	From	To	Sample_#	Length	Au ppm	Description	Au ppm_ck	Au ppm-ck2
BG11-91	69.90	71.40	C07452	1.50	<.03	weak frac'ing negligible py		
BG11-91	71.40	73.00	C07453	1.60	<.03	weak frac'ing with grey qtz + tr py		
BG11-91	77.60	78.30	C07454	0.70	<.03	weak frac'ing with grey qtz + tr py		
BG11-91	78.30	79.30	C07455	1.00	<.03	78.5m 3cm wide Fault with slips +white+grey qtz at 70 deg TCA with 4 cm wide adjacent sil band		
BG11-91	79.30	80.30	C07456	1.00	<.03	1-5% anhedral py confined to widely spaced discontinuous grey qtz vn's at 25 deg TCA		
BG11-91	80.30	81.00	C07457	0.70	<.03	one weak qtz vn 3mm wide with py		
BG11-91	81.00	81.70	C07458	0.70	<.03	81.1 to 81.6m strong fault at 10 deg TCA with adjacent 70% sil zone approx 4cm wide; other parallel slips with off set py vn's; overall 2-5%		
BG11-91	81.70	82.70	C07459	1.00	<.03	82 to 82.2m mutliple slips at 20 deg TCA with associate 3-8% py in vn's slips		
BG11-91	82.70	83.70	C07460	1.00	<.03	two py vn's <3mm wide		
BG11-91	83.70	84.70	C07461	1.00	<.03	84.4 to 84.7m discontinuous vn-frac's with 1-3% py		
BG11-91	87.50	88.80	C07462	1.30	<.03	widely spaced frac's with 1-2% py		
BG11-91	88.80	90.00	C07463	1.20	<.03	One 0.5cm py vn discontinuous at 30 deg TCA		
BG11-91	90.00	91.30	C07464	1.30	0.274	1% py in widely spaced 1-2mm py vn's		
BG11-91	91.30	92.30	C07465	1.00	0.069	at 92m 0.25 to 2.5 cm wide 70% py vn at 25 deg TCA and three to four other discontinuous py vn's 1-3mm wide		
BG11-91	92.30	93.10	C07466	0.80	<.03	one pinch swell qtz vn 0.5cm wide with 75% py at 20 deg TCA; weak slip at 93 m with adjacent pich-swell qtz+py at 25 deg TCA		
BG11-91	93.10	94.10	C07467	1.00	<.03	weak py discontinuoius 1mm wide frac's		
BG11-91	94.10	95.10	C07468	1.00	<.03	at 94.8m one 0.25 cm wide pich-swell frac-qtz vn with 75% py at 25 deg TCA		
BG11-91	99.20	100.20	C07469	1.00	<.03	one braided frac with py at 99.5m		
BG11-91	100.20	101.20	C07470	1.00	0.069	weak frac'ing with grey qtz and 1% py		
BG11-91	101.20	102.50	C07471	1.30	<.03	as above		
BG11-91	102.50	103.20	C07472	0.70	<.03	103m slip-fault at 60 deg TCA; 103 t 103.2 mod frac'ing <1mm wide with grey qtz+minor py		
BG11-91	109.40	110.20	C07473	0.80	<.03	flt at 109.64m mylonite +3mm wide qtz+dol+chl 40-45 deg TCA		
BG11-91	111.40	112.00	C07475	0.60	<.03	111.6m flt-slip at 40 deg TCA with 0.5cm - 1cm wide adjacent dk grey sil band		
BG11-91	115.90	116.80	C07476	0.90	<.03	flt at 116.1 at 45 deg TCA 0.5cm wide with black qtz matrix + bx		
BG11-91	125.00	125.80	C07477	0.80	<.03	weak qtz-dol vning adjacent to frac's; tr py		
BG11-91	130.00	131.00	C07478	1.00	<.03	three sub-parallel slips with adjacent 0.25 cm wide qtz - dol vn's at 60-65 deg TCA; tr py		
BG11-91	131.00	131.90	C07479	0.90	<.03	moderae sil alteration in bands adjacent to slips; flt at QFP-FQP contact at 60 deg TCA		
BG11-91	136.80	137.50	C07480	0.70	<.03	FQP-QFP contacts; tr py		
BG11-91	149.00	150.00	C07481	1.00	<.03	weak hem alt'n at FQP - QFP contact at 149.1m with three chl+qtz-dol vn's-frac's at 30-45 deg TCA; weak slip-fault at 149.95m at 30 deg TCA		
BG11-91	150.00	151.00	C07483	1.00	<.03	weak frac'ing at 1mm wide with chl+py; overall <1% py		
BG11-91	154.10	155.00	C07484	0.90	<.03	at 154.3 and at 154.65m 1-3mm frac;ing with dk chl+py; overall 1% py		
BG11-91	155.00	156.50	C07485	1.50	<.03	tr py in weak frac'ing		
BG11-91	156.50	158.00	C07486	1.50	<.03	tr py in weak frac'ing		
BG11-91	158.00	158.90	C07487	0.90	<.03	tr py in weak frac'ing		
BG11-91	158.90	159.60	C07488	0.70	0.274	at 159m 4cm wide chl+10% py + minor qtz vn'ing at 50 deg TCA- fault		
BG11-91	162.60	163.90	C07489	1.30	0.069	at 162.9m fault at 35 deg TCA; discontinus chl+qtz vn with 1% py; sil alt'n along slips at 30 deg TC A		
BG11-91	163.90	165.10	C07490	1.20	<.03	164.8 to 165m fault at 20 deg TCA		
BG11-91	165.10	166.30	C07491	1.20	<.03	weak irregular non-penetrative frac's with tr py		
BG11-91	170.20	170.90	C07492	0.70	<.03	one 1mm wide py vn at 60 deg TCA		
BG11-91	173.00	174.50	C07493	1.50	<.03	three<1mm frac's with py+chl or mo; overall <1% py		
BG11-91	174.50	175.30	C07494	0.80	<.03	one discontinuous frac with py		
BG11-91	175.30	176.30	C07495	1.00	<.03	slip-fault at 176m at 30 deg TCA; 3-5% py in four discontinous weak frac's		
BG11-91	176.30	177.30	C07498	1.00	<.03	1-2% py in weak frac'ing		
BG11-91	177.30	178.00	C07499	0.70	<.03	177.3m flt at 40 deg TCA; 1-3% py in multi frac's with qtz+mo mostly from 177.3 to 177.6m		
BG11-91	178.00	178.70	C07500	0.70	<.03	tr py in weak frac'ing		
BG11-91	178.70	180.00	C08051	1.30	<.03	as above		
BG11-91	180.00	181.00	C08052	1.00	<.03	180.2 to 180.5m strong micro-frac'ing with qtz-dol+1-3% py + qtz+chl; 180.5 flt-slip at 85 deg TCA		
BG11-91	184.40	185.50	C08053	1.10	<.03	two 2mm wide frac;s with py		

Hole_ID	From	To	Sample_#	Length	Au ppm	Description	Au ppm_ck	Au ppm-ck2
BG11-91	188.20	189.70	C08054	1.50	<.03	two 1cm wide chl+qtz vn with py at 30-35 deg TCA		
BG11-91	189.70	191.20	C08055	1.50	<.03	3-5% py between 190.8 to 191.2 in frac's +mo and two frac's with py 1mm wide at 190m		
BG11-91	191.20	192.60	C08056	1.40	<.03	three 2mm wide frac's with py		
BG11-91	195.40	196.00	C08057	0.60	<.03	two frac's with py		
BG11-91	200.00	201.20	C08058	1.20	<.03	200.2 to 200.45m mod frac'ing with 1-2% py		
BG11-91	212.00	213.00	C08071	1.00	<.03	212.6 to 216.9m mutliple fault-slips with 35to 60 deg TCA with bx-gouge-chl-qtz-dol vn'ing; 212.6 & 212.7m two 1 to 1.5cm wide flt bx-gouge at 45 to 60 deg TCA		
BG11-91	213.00	214.50	C08072	1.50	<.03	as described in 212 to 213m; 213.3 and 216.6m flt chl		
BG11-91	214.50	216.00	C08073	1.50	<.03	214.75 to 218m strong bx gouge at 30 deg TCA and at 215.2m at 45 deg TCA		
BG11-91	216.00	217.00	C08074	1.00	<.03	three flt-slips with grey qtz 0.2 to 0.5 cm wide at 216.16, 216.6 and 216.9m with 1-2% fg py		
BG11-91	217.00	218.00	C08075	1.00	<.03	frac-slips with ser alt'n <1% py		
BG11-91	218.00	219.20	C08076	1.20	0.343	1% py in discontinuous frac';s		
BG11-91	222.10	223.10	C08077	1.00	<.03	1% py in tight weak frac's <1mm wide		
BG11-91	**223.10**	**224.60**	**C08078**	**1.50**	**0.617**	**as above**		
BG11-91	224.60	225.10	C08079	0.50	0.137	1% py in discontinuous weak frac'ing		
BG11-91	225.10	225.80	C08081	0.70	<.03	1% py in discontinous weak fracing		
BG11-91	225.80	227.50	C08082	1.70	0.069	227.1 to 227.45m 3-5% py in two 1mm frac's at 40 deg TCA in 75% qtz-dol vn'ing or alt'n		
BG11-91	227.50	229.00	C08084	1.50	<.03	<1% weak frac'ing		
BG11-91	229.00	229.60	C08085	0.60	<.03	four subparalle frac's at 15 deg TCA 1-3mm wide with 3-7% py overall		
BG11-91	229.60	230.40	C08086	0.80	<.03	tr py in weak frac'ing; end of perv sil alt'n; after sample fresh QFP		
BG11-91	230.40	231.00	C08087	0.60	<.03	fresh QFP, nil py		
BG11-91	252.00	252.50	C08088	0.50	<.03	nil py, sil alt's QFP		
BG11-91	252.50	253.50	C08089	1.00	0.069	at 252.8m contact QFP-Syenite with 1-2% py in frac's with ser in QFP		
BG11-91	253.50	255.00	C08090	1.50	<.03	1-3% diss py in Syn matrix with QFP at 254 to 254.65 with qtz-dol vn'ing at contact		
BG11-91	255.00	256.50	C08091	1.50	<.03	1-3% diss py in Syn matrix with QFP at 255.3 to 255.9 with 5cm wide qtz-dol at 255.3m contact		
BG11-91	256.50	257.80	C08092	1.30	<.03	1-3% diss fg py in Syn matrix		
BG11-91	257.80	258.60	C08093	0.80	<.03	Syn-QFP contact with py in Syn in frac at contact		
BG11-91	275.00	276.00	C08094	1.00	<.03	1-5% py in sporadic discontinuous frac-vn's		
BG11-91	282.20	283.20	C08095	1.00	<.03	282.6 to 282.8, grey sil perv alt'n; <1% py		
BG11-91	283.20	284.40	C08096	1.20	<.03	widely spaced hairline frac'ing with tr py		
BG11-91	288.80	289.80	C08097	1.00	<.03	289m 5 cm wide qtz+1-3% py adjacent to a flt slip at 30 deg TCA with gf on slip		
BG11-91	289.80	291.00	C08098	1.20	<.03	weak frac'ing tr py		
BG11-91	292.20	293.70	C08099	1.50	<.03	two <3cm wide sections with weak frac'ing having 1% py+mo or graphite		
BG11-91	293.70	294.80	C08100	1.10	<.03	weak frac'ing with tr py and graphite or mo		
BG11-91	296.80	297.80	C08101	1.00	<.03	296.85 to 297.3 m flt-slips + 6 cm wide frac'ing with 1-5% py+mo+white qtz vn'ing, frac's at 45 deg TCA, at 297.55 flt-slip at 75 degTCA		
BG11-91	306.20	307.20	C08102	1.00	<.03	two <2mm wide vn'lets at 20 and 35 deg TCA with py, overall 1-2%py		
BG11-91	307.20	308.20	C08103	1.00	<.03	moderate brittle frac'ing with py at 0 to 65 deg TCA; overall 3-5% py		
BG11-91	308.20	309.20	C08104	1.00	<.03	weak frac'ing <1% py		
BG11-91	309.20	310.20	C08105	1.00	<.03	weak frac'ing <1%py		
BG11-91	310.20	311.10	C08106	0.90	<.03	310.5m fault at 20 deg TCA with qtz+cataclasite; one vn frac at 15 deg TCA with py, <1mm wide		
BG11-91	313.50	315.00	C08107	1.50	<.03	314.2m one 3-6mm wide py vn at 30 deg TCA		
BG11-91	315.00	316.20	C08108	1.20	<.03	315-315.4m three pinch & swell fracs with py 0 and 20 deg TCA		
BG11-91	316.20	317.70	C08109	1.50	<.03	317.5 to 317.6 m braided pinch & swell frac at 20 deg TCA		
BG11-91	326.60	327.60	C08111	1.00	<.03	326.6 - 327.4 m 2mm wide py vn 0 deg TCA, overall 3-5% py		
BG11-91	327.60	328.80	C08113	1.20	<.03	327.9 to 328.8m irregular qtz vn-frac's discontinuous with 1-3% py		
BG11-91	328.80	330.30	C08114	1.50	0.137	non-penetrative frac's, tr py, 330m flt-slip at 0 deg TCA with adjacent qtz vn		
BG11-91	330.30	331.80	C08115	1.50	<.03	330.8m flt at 15 deg TCA		
BG11-91	331.80	332.60	C08116	0.80	0.274	332.1 to 332.5 m 0.5 to 1cm wide py vn-frac at 0 deg TCA with 20% py, overall 1-5% py		
BG11-91	333.40	334.00	C08117	0.60	<.03	fault with gouge and qtz vn at 25 and 30 deg TCA		
BG11-91	338.50	339.00	C08118	0.50	<.03	338.7m 1cm wide chl slips at 65 deg TCA		
BG11-91	340.30	341.00	C08119	0.70	<.03	340.46m 1cm wide chl slips at 80 deg TCA		

Hole_ID	From	To	Sample_#	Length	Au ppm	Description	Au ppm_ck	Au ppm-ck2
BG11-91	341.00	342.00	C08120	1.00	0.274	341.6-341.8m 5-7% py in four 1-3mm wide frac's		
BG11-91	342.00	343.50	C08121	1.50	0.069	weak frac'ing; fresh QFP; tr py		
BG11-91	343.50	345.00	C08122	1.50	0.274	fresh QFP; 1-3 frac's with py, overall <1% py		
BG11-91	**345.00**	**345.90**	**C08123**	**0.90**	**0.549**	**as above**		
BG11-91	345.90	346.90	C08124	1.00	0.069	start of strong perv sil alt'n; weak widely spaced irregular discontinuous frac's with py, overall 1-3%		
BG11-91	346.90	348.00	C08125	1.10	0.274	1-2% py in irregular discont frac's 1-2mm wide		
BG11-91	348.00	349.50	C08126	1.50	0.206	weakly frac'd - negl py		
BG11-91	349.50	350.00	C08127	0.50	0.069	as above		
BG11-91	350.00	350.60	C08128	0.60	0.137	350.5m 1 cm wide pinch-swell vn with 80% py at 85 deg TCA		
BG11-91	350.60	351.10	C08129	0.50	<.03	tr py, weak frac'ing		
BG11-91	353.50	354.00	C08130	0.50	<.03	one 1-3mm wide pinch-swell vn qtz-dol+py at 65 deg TCA		
BG11-91	356.80	358.30	C08131	1.50	<.03	1% py overall in three frac's with py		
BG11-91	374.00	375.50	C08132	1.50	<.03	374.1 to 374.4m fault gouge; 1% py in weak frac'ing		
BG11-91	381.20	382.20	C08133	1.00	<.03	flt at 381.5 at 65 deg TCA with two to three grey qtz vn's with <1%py 1-3mm wide		
BG11-91	382.20	383.20	C08134	1.00	<.03	one irregular py frac' at 2mm wide		
BG11-91	383.20	384.10	C08135	0.90	<.03	two discont py frac's with <1% py overall		
BG11-91	384.10	385.30	C08136	1.20	<.03	384.1 to 385.3m highly frac'd section with 25% white qtz+ ser alt'n; 1% py		
BG11-91	387.30	388.40	C08137	1.10	<.03	387.4 to 387.5m bull white qtz vn at 90 deg TCA; tr py		
BG11-91	388.40	389.50	C08138	1.10	<.03	weak shear? Weak brittle frac's healed with grey-white qtz; <1% py in frac's		
BG11-91	**389.50**	**390.10**	**C08139**	**0.60**	**0.549**	**as above, Fault at 390m at 30 deg TCA with graphite; tr py**		
BG11-91	390.10	391.40	C08141	1.30	0.069	15-20% grey-white qtz; some dk grey vn'ing with tr py		
BG11-91	407.90	408.90	C08142	1.00	<.03	five hairline to 1mm frac's with py at 20 and 65 deg TCA; overall 1-2% py		
BG11-91	408.90	409.90	C08143	1.00	<.03	two 0.1 to 0.5 cm wide py vn's at 45 to 50 deg TCA		
BG11-91	415.70	416.40	C08144	0.70	<.03	1-2% py in irregular discontinuous vn'ing + perv ser alt'n in micro-frac's		
BG11-91	422.00	423.10	C08145	1.10	<.03	outlier sample, nil py		
BG11-91	423.10	424.20	C08146	1.10	<.03	up to 13 -1to2mm wide py frac's at 0, 45 and 80 deg TCA, 75% bull qtz from 423.95 to 424.2m		
BG11-91	424.20	425.00	C08148	0.80	<.03	Lamp Dyke - 15% qtz-dol vn'ing up to 1cm wide at 65 to 85 deg TCA + multiple qtz-dol vn;s up to 1.2 cm wide with 3-15% py 25 ad 60 deg TCA overall 5-7% py		
BG11-91	425.00	425.80	C08149	0.80	0.411	as above		
BG11-91	425.80	427.00	C08150	1.20	<.03	QFP - outlier sample nil py		
BG11-91	427.00	427.50	C08151	0.50	<.03	3cm wide qtz vn at 427.3m at 70 deg TCA with fg py on slips		
BG11-91	434.20	435.00	C08152	0.80	<.03	0.25 cm qtz-dol vn at 434.4m at 25 deg TCA with py		
BG11-91	447.00	448.30	C08153	1.30	<.03	hairline frac'ing with <1% py and one frac <1mm wide at 20 deg TCA with py		
BG11-91	460.20	461.00	C08154	0.80	<.03	0ne 1mm wide py frac		
BG11-91	462.00	462.90	C08192	0.90				
BG11-91	466.20	466.90	C08155	0.70	0.343	466.5m two sub parallel slips with chl; weak ser alt'n in micro frac's		
BG11-91	468.50	469.60	C08156	1.10	<.03	469-469.5m 3-7% py in six to seven qtz vn-frac's up to 0.5 cm wide at 45 deg TCA		
BG11-91	483.70	484.50	C08157	0.80	<.03	weak hairline 0 deg TCA frac with py; overall <1% py		
BG11-91	484.50	485.50	C08158	1.00	0.480	484.5 to 485.2m hairline to 1mm wide frac at 0 deg TCA with py; overall 1% py		
BG11-91	485.50	487.00	C08159	1.50	<.03	two sub-parallel frac's with mo and minor py at 5 deg TCA		
BG11-91	487.00	488.50	C08160	1.50	<.03	1% py in multiple hairline frac's 0 to 15 deg TCA		
BG11-91	492.60	493.30	C08161	0.70	<.03	492.85m slip at 45 deg TCA with adjacent qtz vn'ing		
BG11-91	494.50	495.00	C08162	0.50	<.03	494.75m very fg py adjacent to two parallel slips with ser 2 cm apart		
BG11-91	**499.30**	**500.40**	**C08163**	**1.10**	**0.754**	**499.35m 1mm wide py vn at 45 deg TCA; 500.3-500.4m 1-5% py in frac's**		
BG11-91	505.80	506.80	C08164	1.00	0.480	506.5 to 506.7m 1-2% py in hairline frac's		
BG11-91	512.40	513.00	C08165	0.60	<.03	512.57-512.86m 1-3% fg py in irregular frac's, 25% qtz vn'ing in QFP		
BG11-91	513.00	514.50	C08166	1.50	<.03	1% py in clots and weak discontinuous frac's in QFP sections		
BG11-91	514.50	515.40	C08167	0.90	<.03	as above		
BG11-91	515.40	516.20	C08168	0.80	0.343	3-5% py in moderate and widely spaced discontinuous frac's		
BG11-91	516.20	517.20	C08169	1.00	<.03	1-3% py in moderate and widely spaced discontinuous frac's		
BG11-91	517.20	518.20	C08170	1.00	<.03	3-5% py from 517.5 to 518.1m in moderate network frac'ing		
BG11-91	518.20	519.80	C08171	1.60	<.03	tr py; fault at 519.7m at 55 deg TCA		

Hole_ID	From	To	Sample_#	Length	Au ppm	Description	Au ppm_ck	Au ppm-ck2
BG11-91	525.25	526.30	C08172	1.05	<.03	525.67m flt at 30 deg TCA; 1% py in micro frac'ing		
BG11-91	536.60	537.50	C08173	0.90	<.03	localized frac'ing with py and 15% qtz-dol with slips at 45 deg TCA; overall 1-5% py		
BG11-91	546.70	547.70	C08174	1.00	<.03	546.7 to 550m section where #12 and 14 veins are projected; 546.7 to 547.7m weak to moderate hairline frac'ing with 1% py overall with 5-10% late qtz-dol vn'lets increasing after 548.4m up to contact		
BG11-91	547.70	548.70	C08176	1.00	<.03	as described in 546.7 to 547.7m		
BG11-91	548.70	549.80	C08178	1.10	<.03	as described in 546.7 to 547.7m		
BG11-91	557.10	557.80	C08179	0.70	<.03	1-3% py in frac's; fuchsite flec alt'n		
BG11-91	560.50	561.40	C08180	0.90	<.03	560.5 to 560.6 sub parallel fault-slips at 70 and 55 deg TCA		
BG11-91	561.40	562.20	C08181	0.80	<.03	fault at FQP-QFP contact at 50 deg TCA with chl+qtz-dol 0.5 cm wide, and a slip at 561.7 at 35 deg TCA with adjacent 0.5cm wide qtz-dol vn'ing		
BG11-91	562.20	563.50	C08182	1.30	<.03	nil py, negl frac'ing		
BG11-91	563.50	564.60	C08183	1.10	<.03	5-25% qtz-dol vn'ing at 0 to 15 deg TCA with 1% py in one to two hairline frac's		
BG11-91	564.60	566.10	C08184	1.50	<.03	negl py in QFP; hairline frac's with black qtz		
BG11-91	566.10	567.00	C08185	0.90	<.03	as above		
BG11-91	567.00	568.00	C08186	1.00	<.03	as above but with tr py in three frac's		
BG11-91	575.70	576.40	C08187	0.70	<.03	outlier sample		
BG11-91	*576.40*	*577.00*	*C08188*	*0.60*	*<.03*	*576.45 to 578.6m FQP matrix becomes a brick red colour possibly caused by red oxy'd hem between the two faults with 1-5% py in weak frac'ing; at 578.6 to 579m strong bx-fault badly broken core with gouge with some red oxy'd hem pieces with 1-2% py in frac's, fault may represent late N-S fault as seen on u/g sections that dips east and appears to truncate the 12-14 Vein development*		
BG11-91	*577.00*	*578.00*	*C08189*	*1.00*	*<.03*	*as described above*		
BG11-91	*578.00*	*579.10*	*C08190*	*1.10*	*<.03*	*as described above*		
BG11-91	579.10	580.20	C08191	1.10	<.03			
BG11-91	580.60	581.30	C08193	0.70	0.069	5% qtz-dol vn'ing contorted, disjointed in diorite bx up to syn contact; tr py		
BG11-91	588.80	589.60	C08194	0.80	<.03	slip-fault at syn-diorite bx contact at 30 deg TCA with 1 cm wide qtz-dol vn, brown sil? alt'n for 3cm wide after slip; tr py		
BG11-91	590.90	591.60	C08195	0.70	<.03	1-2% brassy py in a 0 deg TCA qtz vn between two slips at 591m and 591.5m		
BG11-91	593.50	594.50	C08196	1.00	0.137	one 1mm wide frac-vn with py at 45 deg TCA		
BG11-91	594.50	595.50	C08197	1.00	0.069	0.1 to 1cm wide qtz vn with 40% py, micro-offset; overall 1% py		
BG11-91	595.50	597.00	C08198	1.50	<.03	296.5 to 296.9m weak frac'ing with 1-2% py at 25 deg TCA		
BG11-91	597.00	598.50	C08199	1.50	0.069	start of buff brown alt'n with weak sub-parallel brittle frac's at 30 deg TCA healed with qtz+1-3% py; late micro frac'ing with 10% qtz-dol vn'ing		
BG11-91	598.50	600.00	C08200	1.50	<.03	as above but less frac'ing and <1% py		
BG11-91	600.00	600.70	C08201	0.70	<.03	600 to 601.3m strong fractured and sil alt'n zone grey coloured matrix, fractures at 30 deg TCA, probale localized brittle shear zone, 1-2% diss py in frac's and in matrix; 10% late qtz-dol vn'ing		
BG11-91	600.70	601.30	C08203	0.60	<.03	as described in 600 to 600.7m		
BG11-91	601.30	602.80	C08204	1.50	<.03	one 1cm wide qtz vn, negl py; sample out of frac'd zone; negl py		
BG11-91	602.80	604.30	C08205	1.50	0.206	weak frac'ing tr py		
BG11-91	604.30	605.15	C08206	0.85	<.03	as above		
BG11-91	605.15	606.00	C08207	0.85	<.03	localized brittle shear zone at 45 deg TCA in QFP up to Syn contact; strong sil+ser alt'n, two to three frac's with py; overall 1-2% py; 25% grey white qtz vn'ing		
BG11-91	606.00	606.60	C08208	0.60	<.03	outlier sample after QFP-Syn contact		
BG11-91	608.40	609.00	C08209	0.60	<.03			
BG11-91	621.60	622.20	C08210	0.60	<.03	outlier sample to shear		
BG11-91	622.20	623.00	C08212	0.80	<.03	622.13 to 625.2m strong shear zone at 30 to 50 deg TCA with localized qtz-dol vn,ing, strong ser+chl alt'n and occasional sections of leucoxene; 1-2% py in some shear slips		
BG11-91	623.00	624.00	C08213	1.00	<.03	as described in 622.2 to 625.2		
BG11-91	624.00	625.20	C08214	1.20	<.03	as described in 622.2 to 625.2		
BG11-91	625.20	626.20	C08215	1.00	0.137	strong ser alt'n in QFP and fabric fol'n; negl py		
BG11-91	626.20	627.20	C08216	1.00	0.137	as above		
BG11-91	627.20	627.70	C08217	0.50	0.069	less alt'n, tr py, fresh QFP		
BG11-91	627.70	628.70	C08218	1.00	0.274	15% leuc flecs in diorite; 1-3% diss py in matrix		

Hole_ID	From	To	Sample_#	Length	Au ppm	Description	Au ppm_ck	Au ppm-ck2
BG11-91	628.70	629.80	C08219	1.10	0.411	as above		
BG11-91	629.80	631.20	C08220	1.40	0.069	brown QFP; 1% py		
BG11-91	631.20	632.70	C08221	1.50	0.069	10-15% leuc flecs; 5% calcite - carb vn's; 1-3% diss py in matrix		
BG11-91	632.70	634.20	C08222	1.50	<.03	infill sample tr py		
BG11-91	634.20	635.70	C08223	1.50	<.03	infill sample tr py		
BG11-91	635.70	637.20	C08224	1.50	<.03	infill sample tr py		
BG11-91	637.20	638.70	C08225	1.50	<.03	infill sample tr py		
BG11-91	638.70	639.50	C08226	0.80	<.03	10-15% leuc flecs; 1-2% py in matrix		
BG11-91	639.50	640.50	C08227	1.00	<.03	as above 5-10% carb-calcite vn'ing; 1-2% py		
BG11-91	640.50	642.00	C08228	1.50	0.069	3% leuc flecs; 5% calcite-carb vn'ing with 1-2% py		
BG11-91	642.00	643.50	C08229	1.50	<.03	10-15% carb+qtz vn'ing; 1% py		
BG11-91	**643.50**	**644.00**	**C08230**	**0.50**	<.03	**Mineralized Zone:weak frac'ing with ser+py at 50 deg TCA; 45-50% leuc flecs with 5-10% diss py in frac's; <5% grey qtz vn'ing at 644.35 contact with QFP**		
BG11-91	644.00	644.50	C08231	0.50	0.069	**as described aboveabove**		
BG11-91	644.50	645.00	C08232	0.50	<.03	QFP from 644.35 to 644.83m tight frac's with dk qtz at 20 deg TCA; negl py		
BG11-91	645.00	645.50	C08233	0.50	<.03	Diorite: 15-20% leuc flecs; 1-3% py some in frac's		
BG11-91	645.50	646.50	C08234	1.00	<.03	5-7% py appears remob'd; 15-25% carb vn'ing + qtz-dol vn'ing		
BG11-91	646.50	647.50	C08235	1.00	<.03	15-20% leuc flecs- 1-5% diss py; 5% disjointed carb vn'ing; Diorite-QFP contact at 647.4m		
BG11-91	647.50	648.50	C08236	1.00	<.03	QFP tight frac's strong sil alt'n; + ser; <1% py; cream beige coloured alt'n with QFP bx		
BG11-91	648.50	649.50	C08237	1.00	<.03	strong frac'ing with 65% qtz carb alt'nfrom 649.9 to 650.5m; 1-3% py		
BG11-91	649.50	650.60	C08239	1.10	<.03	1% vfg py in hairline frac's; QFP-Diorite contact at 651.1; diorite with 15-20% leuc flecs; 1-2% py		
BG11-91	650.60	651.50	C08240	0.90	<.03	as describe above		
BG11-91	651.50	652.50	C08241	1.00	0.069	651.7m diorite-QFP contact; 651.9 to 652.2m 3-5% py in frac's; 5% qtz-dol vn'ing		
BG11-91	652.50	654.00	C08242	1.50	<.03	1% py in tght hairline to 1mm wide frac's; <2% qtz-dol vn'ing		
BG11-91	654.00	655.00	C08243	1.00	<.03	1% py in tght hairline to 1mm wide frac's; <2% qtz-dol vn'ing		
BG11-91	655.00	656.00	C08244	1.00	<.03	1-3% py in tight brittle frac's + 10% qtz-dol vn'ing; shear - fabric fol'n at 15-20 deg TCA		
BG11-91	656.00	657.00	C08245	1.00	<.03	QFP-Diorite contact 656.5m; <1% py		
BG11-91	657.00	658.50	C08246	1.50	0.480	5-7% qtz-dol disjointed vn'ing; 1% py; strong frac'ing		
BG11-91	658.50	660.00	C08247	1.50	<.03	<1% py in strong frac'd unit with 10% qtz-dol vn'ing adjacent to slips; at 20 to 50 deg TCA		
BG11-91	660.00	661.00	C08248	1.00	0.069	<1% py		
BG11-91	661.00	662.00	C08249	1.00	<.03	<1% py and <2% qtz-dol vn'ing		
BG11-91	662.00	663.00	C08250	1.00	<.03	<1% py and <2% qtz-dol vn'ing		
BG11-91	663.00	664.50	C08251	1.50	<.03	<1% py and <2% qtz-dol vn'ing		
BG11-91	667.00	668.50	C08252	1.50	<.03	5-10% leuc flec's; 3.5cm wide grey qtz-dol vn at 75 deg TCA from 667.5-667.63; mod to strong frac'ing with dk qtz and some magnetite; tr py		
BG11-91	668.50	670.00	C08253	1.50	<.03	as above but 10-15% qtz-dol vn'ing		
BG11-91	670.00	671.50	C08255	1.50	<.03	671.1-671.2 frac'ing with sil-dol halo + 3-5% py in frac's at 40 deg TCA; rest of sample <1% py		
BG11-91	671.50	673.00	C08256	1.50	<.03	15-25% leuc flecs; sections with grey-beige qtz-dol flooding at 671.75-671.9 and 672.5 and 672.9-673m; <1% py; 1% fg hem or magnetite		
BG11-91	673.00	674.30	C08257	1.30	<.03	as above ; qtz-dol flooding with diorite bx atr 673.3to 673.7m		
BG11-91	674.30	675.00	C08258	0.70	<.03	brown QFP from 674.3 to 674.82m with one frac at 15 deg TCA 1mm wide with qtz + py		
BG11-91	675.00	675.70	C08259	0.70	0.069	10-15% qtz-dol vn'ing+ one magnetite vn'let 3mm wide		
BG11-91	675.70	676.60	C08260	0.90	<.03	**676.1 and 676.2m 1.5cm and 0.5cm wide 85% py vn's at 55 deg TCA with leuc halo's; other minor hairline frac's with py; overall 3-5% py**		
BG11-91	676.60	678.00	C08262	1.40	0.069	10% white calcite-carb vn'lets; tr py		
BG11-91	678.00	679.50	C08263	1.50	<.03	as above		
BG11-91	683.30	684.50	C08264	1.20	0.206	683.8m localized shear with chl+leuc flec's at 35deg TCA		
BG11-91	684.50	685.50	C08265	1.00	<.03	<5% leuc flec's; tr py; 10% white-pink carb vn'ing		
BG11-91	685.50	686.30	C08266	0.80	<.03	685.9-686.1m 0.5cm wide calcite vn with 25% py at 20 deg TCA		
BG11-91	686.30	687.80	C08267	1.50	<.03	686.3-686.73m QFP bfown dyke; 10% white carb-calcite vn'ing; tr py		
BG11-91	687.80	689.00	C08268	1.20	0.069	688.4m three slips at 70 deg TCA with py; <10% carb+calcite vn'ing		
BG11-91	689.00	690.00	C08269	1.00	<.03	689.4-689.6 weak frac'ing with leuc flec's + 1-3% diss py+ 10% calcite-carb vn'ing		

Hole_ID	From	To	Sample_#	Length	Au ppm	Description	Au ppm_ck	Au ppm-ck2
BG11-91	690.00	691.50	C08270	1.50	<.03	tr py		
BG11-91	691.50	693.00	C08271	1.50	<.03	py in frac's and bands at 691.9-692.1, 692.6m and 692.85 to 693m - overall 1-3% py		
BG11-91	693.00	694.50	C08272	1.50	<.03	weak frac-slip at 693.8 at 50 deg TCA; tr py		
BG11-91	694.50	696.00	C08273	1.50	<.03	694.6m 1.5 cm carb vn at 35 deg TCA with 3-5% py and 695.5 to 695.6m local shear with 3-5% py+leuc flecs at 35 deg TCA		
BG11-91	696.00	697.50	C08274	1.50	<.03	10-15% carb vn'ing; <1% py		
BG11-91	697.50	699.00	C08275	1.50	<.03	697.6 to 697.9m 20-30% qtz-ank vn'ing at 35 deg TCA; <1% py		
BG10-95	11.85	13.10	B52957	1.25	0.274	flt; hem'd/posy sy; BC; GC; 3% epi assd w 3% cse py		
BG10-95	13.10	13.80	B52958	0.70	0.411	rounded rubble at start where hem'n/sy ends-could signify big boulder prior		
BG10-95	13.80	14.95	B52959	1.15	0.274			
BG10-95	14.95	16.05	B52961	1.10	0.343	0.5m 20% leuco w 0.1m 5% cse d py+ 20% q-ank@43		
BG10-95	16.05	17.00	B52962	0.95	0.137			
BG10-95	17.00	17.85	B52963	0.85	0.137			
BG10-95	17.85	18.80	B52964	0.95	0.069	0.1m epi-ser@57 in 10% leuco		
BG10-95	**18.80**	**19.70**	**B52965**	**0.90**	**0.617**	**flt gouge centres 0.2m BC w 40% cse py+ w mod hem'n; well min'd-looks like #11 VN but too early-posy splay**		
BG10-95	19.70	21.00	B52966	1.30	<.03			
BG10-95	35.30	36.50	B52967	1.20	0.274	1/2" epi-ser-50% cse py vn@25; 5* 1/8" 50% cse py vn's@80-85		
BG10-95	39.95	41.00	B52968	1.05	0.069			
BG10-95	41.00	42.20	B52969	1.20	0.480	3* 1/8" disc med gy qv's assd w epi@55 w 5% cse d py; 5% epi		
BG10-95	**42.20**	**43.20**	**B52970**	**1.00**	**0.549**	**0.15m 85% cse py vn@53-#11 vn splay-well min'd**		
BG10-95	43.20	44.30	B52972	1.10	0.274	0.05m bullish q-ank vn w 10% chl@46; vuggy; imm foll by 3% f d py for 1"		
BG10-95	44.30	45.60	B52973	1.30	0.343	1" dk gy qv assd w 0.05m epi@23 w 3% cse d py		
BG10-95	45.60	46.80	B52974	1.20	0.206	flt-no effect on wallrock		
BG10-95	51.90	52.75	B52975	0.85	0.274			
BG10-95	52.75	54.00	B52976	1.25	2.846	0.1m 70% cse py vn in 0.4m q-ank w 5% cse d py+3% cp@32; 0.1m w 2* 1" 70% cse py vn's@56 in ser'n+sil'n; #11 vn proper	2.811	2.880
BG10-95	54.00	55.25	B52978	1.25	0.274	10% epi; 5-8% cse py vn's 1/8" assd w epi+ 5% q-ank@18		
BG10-95	55.25	56.10	B52979	0.85	<.03			
BG10-95	56.10	57.00	B52980	0.90	<.03			
BG10-95	57.00	57.80	B52981	0.80	<.03			
BG10-95	57.80	58.95	B52982	1.15	<.03	0.05m ser-epi w 10% cse+ f d py		
BG10-95	58.95	59.75	B52983	0.80	<.03			
BG10-95	**61.60**	**62.60**	**B52984**	**1.00**	**0.549**	**1"hem'd brick red w sil'n+10% q-ank+10% cse d py on ct;**		
BG10-95	64.95	65.90	B52985	0.95	<.03			
BG10-95	**65.90**	**66.70**	**B52986**	**0.80**	**5.280**	**1"chl-sil vn w 15% cse d py imm foll by 0.1m wy hem'd w 10% cse d py@37on ct; ser'd**	**3.291**	**7.269**
BG10-95	66.70	67.70	B52987	1.00	<.03			
BG10-95	73.60	75.00	B52988	1.40	<.03	0.1m milk wt qv in 0.5m 15% epi@38 w 2% f d py-rare cp		
BG10-95	79.65	81.10	B52990	1.45	<.03	30% sample w 15% leuco		
BG10-95	81.10	82.15	B52991	1.05	2.298	0.4m hily bl'd wy sil'd carb zone w 8% cse d py@49	2.126	2.469
BG10-95	82.15	83.00	B52992	0.85	0.137	0.15m hily bl'd mody sil'd carb zone w 15% f+cse d py@49; pur hue		
BG10-95	83.00	84.00	B52993	1.00	<.03			
BG10-95	87.45	88.60	B52994	1.15	<.03			
BG10-95	88.60	89.40	B52995	0.80	0.206	0.05m q-ank vn assd w 0.1m epi@51 w 2% cse d py		
BG10-95	89.40	90.00	B52996	0.60	<.03			
BG10-96	9.40	10.70	B52997	1.30	<.03	10% sample w 15% leuco+ 3% cse d py		
BG10-96	10.70	12.00	B52998	1.30	0.206	0.4m qv-wt w 5% cp+15% cse d py@15 w ser'n+epi		
BG10-96	12.00	13.50	B52999	1.50	0.137	ser'd ct		
BG10-96	15.80	16.90	B53000	1.10	0.137	ser'd ct; 1/8" qv w 5% cse d py@		
BG10-96	16.90	18.30	B52351	1.40	0.069			
BG10-96	18.30	19.20	B52352	0.90	0.206	1" wt+dk gy qv in ser'n+epi w 10% cse d py@42		
BG10-96	19.20	20.60	B52353	1.40	0.137			

Hole_ID	From	To	Sample_#	Length	Au ppm	Description	Au ppm_ck	Au ppm-ck2
BG10-96	23.45	24.80	B52354	1.35	0.069	0.15m 15% epi-ser @53 w 8% cp+5% cse d py assd w 1/2" dull wt qv@20		
BG10-96	24.80	26.30	B52355	1.50	0.480	5% cse d py gen@55+30; 1/4" q-ank vn w 30% cse d py@60		
BG10-96	26.30	27.60	B52356	1.30	0.411	5* 1/8" 20% cse d py@58		
BG10-96	27.60	28.20	B52357	0.60	0.137	0.1m 10% cse d py w 5% 1/4" pur bx? frag's/porphroblasts unaltered@65		
BG10-96	28.20	29.25	B52358	1.05	<.03			
BG10-96	36.20	37.00	B52359	0.80	0.069	0.1m ser-epi w 10% cse d py@43 imm prec by 1/4" q-ank vn		
BG10-96	39.55	40.35	B52360	0.80	<.03	0.1m ser-epi w 3% cse d py@55 imm foll by 1/4" q-ank vn		
BG10-96	47.25	48.30	B52361	1.05	0.274	3% cse d py assd w epi		
BG10-96	56.10	57.00	B52362	0.90	<.03	0.3m ser-epi w 2% cse d py@50		
BG10-96	60.40	61.45	B52363	1.05	0.480	0.1m wy bl'd w 8% cse d py@52		
BG10-96	64.10	65.00	B52364	0.90	0.343	BC; at least 3/4" dull wt-gy qv w 2% f d py just before BT		
BG10-97	10.35	11.60	B52407	1.25	0.206	hem'd mody/sy?; 1% cse d py; epi-ser 1/2" vuggy vn @13; rare cp		
BG10-97	11.60	12.60	B52408	1.00	1.269	begins w 0.5m sil-chl bx w 5% cse d py assd w ser-epi@35; 0.15m hily sil'd wy bl'd w 10-15% cse d py assd w ser@51	1.097	1.44
BG10-97	12.60	13.80	B52409	1.20	<.03	0.2m wy bl'd+sil'd+shr'd@40 w 5-8% cse d py+10% q-ank		
BG10-97	13.80	14.70	B52410	0.90	<.03			
BG10-97	24.90	25.80	B52411	0.90	1.406	1/2" 60% cse py vn@18	1.166	1.646
BG10-97	27.60	28.85	B52412	1.25	<.03	60% sample w 20% epi w 10% cse d py@33		
BG10-97	34.25	35.05	B52413	0.80	0.069	1/2"ser-epi-q-ank vn w 1/8" 70% cse py vn@33 in 0.2m 15% leuco		
BG10-97	35.05	35.95	B52414	0.90	0.137	1" q-ank vn imm foll by 1/4" 70% cse py vn@55		
BG10-97	35.95	36.70	B52415	0.75	<.03	1"ser-epi-q-ank vn w 1/8" 40% cse py vn@45 imm prec by 0.25m 20% epiw 10% cse d py		
BG10-97	36.70	37.90	B52416	1.20	<.03			
BG10-97	37.90	39.35	B52417	1.45	<.03	1/8-1/4" magn vn@72@ start		
BG10-97	39.35	40.40	B52418	1.05	<.03	1" epi-ser@37 w 3% cse d py		
BG10-97	**40.40**	**41.50**	**B52419**	**1.10**	**0.617**	**1/2" bull wt qv imm foll by 1/8" dk gy q vn+silw 5% f d py@67**		
BG10-97	41.50	42.55	B52420	1.05	2.743	0.3m #11 vn-well min'd, hily sil'd 60% cse py vn w 10% vuggy q-ank vn's imm foll by 0.2m 20% leuco	2.674	2.811
BG10-97	42.55	43.10	B52422	0.55	<.03			
BG10-97	43.10	44.60	B52423	1.50	<.03			
BG10-97	44.60	45.80	B52425	1.20	<.03			
BG10-97	51.55	52.75	B52426	1.20	<.03	0.5m 10% leuco w 10% q-ank; 0.2m BC w slip+q-ank		
BG10-97	54.70	55.65	B52427	0.95	0.137	0.3m epi-ser w 3% cse d py; BC w 0.05m epi-ser w 20% cse d py@60		
BG10-97	55.65	56.50	B52428	0.85	0.343			
BG10-97	56.50	57.80	B52429	1.30	<.03	BC ct imm prec by 0.05m epi-ser w 10% cse d py@63 w 40% med gy qtz		
BG10-97	57.80	58.80	B52430	1.00	0.137			
BG10-97	58.80	59.70	B52431	0.90	0.137	ct imm foll by mody sil'd, mody bl'd w 20% leuco+5% cse d py+ ser'n+chl'n @62; 1/2" 50% cse py vn; ends on 1" chty sil vn w 70% f d py-well min'd; #11 vn?		
BG10-97	59.70	61.95	B52432	2.25	<.03	2* 1/8" 50% cse py vn's assd w 5% epi@42		
BG10-97	61.95	63.60	B52433	1.65	0.069	7* 1/8" 50% cse py vn's assd w 5% epi@63		
BG10-97	63.60	64.45	B52434	0.85	0.411	2* 1/8" 50% cse py vn's assd w 5% epi@70		
BG10-97	68.00	68.60	B52435	0.60	<.03	1/8" 50% cse py vn's assd w 5% epi@80		
BG10-97	**76.00**	**76.85**	**B52436**	**0.85**	**0.754**	**1/8" med wt qv in 0.05m epi@84 w 5% cse d py**		
BG10-97	76.85	78.10	B52437	1.25	0.274	3* 1/8" 50% cse py vn's assd w 5% epi@73		
BG10-97	78.10	79.20	B52438	1.10	0.069	10% epi; 1/8" med wt qv in 0.05m epi@84 w 5% cse d py		
BG10-97	79.20	80.15	B52439	0.95	<.03			
BG10-97	80.15	81.30	B52440	1.15	<.03			
BG10-97	81.30	82.40	B52441	1.10	0.274	30% epi w 5% cse d py@62		
BG10-97	82.40	83.45	B52442	1.05	0.411	peak alt'n-locy wy bl'd; 50% epi w 10% cse d py@47		
BG10-97	83.45	84.30	B52443	0.85	0.480	10% epi w 5% cse d py@44+80		
BG10-97	84.30	85.60	B52444	1.30	<.03			
BG10-98	7.50	9.00	B52365	1.50	<.03	2* 0.1m epi-ser w 2% cse d py@32		
BG10-98	9.00	9.70	B52366	0.70	0.137	0.15m hily bl'd wy sil'd w 20% epi assd w 1/4" q-ank vn's @46+127-all w 10% cse d py		
BG10-98	9.70	11.00	B52368	1.30	<.03	1/4" q-ank vn in 1" epi@23 w 3% cse d py		

Hole_ID	From	To	Sample_#	Length	Au ppm	Description	Au ppm_ck	Au ppm-ck2
BG10-98	14.65	16.10	B52369	1.45	0.480	ct		
BG10-98	16.10	16.80	B52371	0.70	<.03	1" med gy qv@47 w 10% cse d py in hily bl'd 5%leuco zone		
BG10-98	16.80	17.70	B52372	0.90	<.03			
BG10-98	17.70	18.45	B52373	0.75	0.137	0.1m epi'd imm foll by 0.1m pk carb@45 in BC imm prec by 0.1m 10% leuco-all w 5-8% cse d py		
BG10-98	18.45	19.40	B52374	0.95	0.069			
BG10-98	19.40	20.75	B54943	1.35	0.137			
BG10-98	20.75	22.00	B54944	1.25	0.206			
BG10-98	**22.00**	**23.20**	**B52375**	**1.20**	**0.549**	**5% 1/8"-1/2" epi-20% cse py vn's@50-62+132**		
BG10-98	**23.20**	**24.60**	**B52376**	**1.40**	**0.960**	**10% epi fract's w 5-10% cse d py@25-110**		
BG10-98	24.60	26.15	B52377	1.55	1.509	10% epi fract's w 5-10% cse d py@25-110	1.303	1.714
BG10-98	**26.15**	**27.10**	**B54945**	**0.95**	**0.549**	**0.1m 5% cse d py+carb**		
BG10-98	27.10	28.30	B54946	1.20	0.206			
BG10-98	28.30	29.35	B54947	1.05	<.03			
BG10-98	29.35	30.70	B54948	1.35	0.137			
BG10-98	30.70	32.00	B54949	1.30	0.137			
BG10-98	32.00	32.65	B54950	0.65	<.03	1/8" wt qv w 1/8" 70% cse py vn@75 in 0.3m 20% epi+4% cse d py		
BG10-98	32.65	33.50	B54851	0.85	<.03			
BG10-98	33.50	35.00	B52378	1.50	0.069	3/4" 30% cse py vn assd w 1/2" epi@65		
BG10-98	35.00	35.80	B52379	0.80	0.206	stockwork epi-cse py fract's locy assd w q-ank@64		
BG10-98	35.80	37.20	B54852	1.40	<.03			
BG10-98	37.20	38.60	B54853	1.40	0.137			
BG10-98	38.60	40.25	B54854	1.65	<.03			
BG10-98	40.25	41.90	B54855	1.65	<.03			
BG10-98	41.90	43.40	B52380	1.50	0.069	flt; 0.2m BC; epi'd locy		
BG10-98	43.40	44.20	B52381	0.80	<.03			
BG10-98	44.20	45.50	B52382	1.30	<.03	BC; hem'd chl'c fract's gen@42 w 2% f d py		
BG10-98	45.50	46.50	B54856	1.00	0.069			
BG10-98	46.50	47.50	B54857	1.00	<.03			
BG10-98	47.50	48.85	B54858	1.35	0.137			
BG10-98	48.85	50.30	B54859	1.45	0.411			
BG10-98	50.30	51.45	B52383	1.15	1.440	BC; w at least 0.1m mody hem'd w 10% leuco+10% cse d py@42; 0.2m 5% epi-ser w 5% cse d py@40	1.234	1.646
BG10-98	51.45	52.10	B52384	0.65	4.594	BC ends @ min'd zone-20% leuco in wy sil'd, mody bl'd, shr'd wy-mody@49-62 w 12% cse d py-locy 50% cse 1/4" py vn's; locy hem'd wy+ ser'd	4.457	4.731
BG10-98	**52.10**	**52.75**	**B52385**	**0.65**	**17.006**	**min'd zone-20% leuco in wy sil'd, mody bl'd, shr'd wy-mody@49-62 w 12% cse d py-locy 50% cse 1/4" py vn's; locy hem'd wy+ ser'd**	**15.634**	**18.377**
BG10-98	52.75	54.00	B52387	1.25	0.069			
BG10-98	54.00	55.50	B52388	1.50	<.03			
BG10-98	55.50	56.60	B52389	1.10	<.03	3/4" pa gy qv in 0.2m wy hem'd+5% epi'd@36-all w 5% cse d py		
BG10-98	56.60	57.70	B52390	1.10	<.03			
BG10-98	69.55	70.65	B52403	1.10	0.206	at least 1/2" q-carb vn w 5% epi= 1% cp @0-does not cross core		
BG10-98	70.65	71.70	B52391	1.05	0.069			
BG10-98	**71.70**	**72.70**	**B52392**	**1.00**	**0.754**	**1/2"-1" dk gy qv @59 w 8% cse d py in 2" 30% cse py vn; 3/4" 80% cse py vn imm foll by 1" pa gy q-ank vn@66**		
BG10-98	72.70	73.70	B52394	1.00	0.206	15% leuco w locy wy sil'd+2% cse d py		
BG10-98	73.70	74.40	B52395	0.70	<.03			
BG10-98	76.10	77.25	B52396	1.15	<.03	1/8" q-ank vn w 10% cse d py@15 assd w epi		
BG10-98	83.10	83.90	B52398	0.80	<.03			
BG10-98	83.90	84.65	B52399	0.75	<.03	1/2" 70% cse py vn imm foll by 1/8" dk gy qv+ 0.2m 50% epi-ser@39		
BG10-98	84.65	85.70	B52400	1.05	<.03	1/8" 60% cse py vn@52 assd w epi		
BG10-98	88.70	89.55	B52401	0.85	0.480	1/4" 60% cse py vn@47 imm prec by 0.3m 5% cse py assd w fract's		
BG10-98	96.00	97.10	B52402	1.10	<.03	20% leuco+ 10% carb		
BG10-98	101.00	101.90	B52404	0.90	<.03	1/8" q-ank vn w 20% cse d py@27		

Hole_ID	From	To	Sample_#	Length	Au ppm	Description	Au ppm_ck	Au ppm-ck2
BG10-98	104.00	104.90	B52405	0.90	<.03	1/4" 70% cse py vn in 0.1m 50% epi@57		
BG10-98	107.40	108.55	B52406	1.15	<.03	15% leuco, wy hem'd; 10% epi; 2% cse d py		
BG10-99	2.10	3.20	B52206	1.10	<.03	5% late qtz+carb white vns; negl py; chl in frac's		
BG10-99	3.20	4.20	B52207	1.00	<.03	as above; two 1.2 to 1 cm wide mauve-white carb vn's, trace py		
BG10-99	4.20	5.20	B52208	1.00	0.274	5% late qtz+dol vn'ing; at 5.1m 1.5cm wide qtz+ank+dol vn at 20 deg TCA		
BG10-99	5.20	6.50	B52209	1.30	<.03	<5% qtz+dol vnlets; mod perv pale brown carb alt'n		
BG10-99	6.50	8.00	B52210	1.50	<.03	negl py		
BG10-99	8.00	9.30	B52211	1.30	0.069	qtz+dol vn at flts at 8.7 and 9.1m; negl py		
BG10-99	9.30	10.70	B52213	1.40	<.03	trace py		
BG10-99	10.70	11.20	B52214	0.50	<.03	at 10.9m 3mm wide qtz vn with trace cpy at 45 deg TCA		
BG10-99	11.20	12.70	B52215	1.50	<.03	trace py		
BG10-99	12.70	14.00	B52216	1.30	<.03	<5% late qtz+dol vn'ing; contact Diorite Bx - Syenite at 13.87m		
BG10-99	14.00	15.00	B52217	1.00	<.03	Syenite-Diorite Bx; section previous to start of Shear Zone; negl py		
BG10-99	**15.00**	**16.00**	**B52218**	**1.00**	0.069	**Start of Shear Zone at 15.2m; 15.2 to 22.6m Ductile - Brittle Shear Zone (mod to strong at 10 to 30 deg TCA), North Break?, mod to strong chl + ser alt'n + fine leuc flecs with sections of sil+ser+qtz+dol vn'ing from 19.1 to 21.6m with narrow sections of py mineraliztion in frac's; probable sil or FP dykes from 15 to 15.4m and 21.3 to 21.5m; strong flt breccia at 16.3 to 16.6 at 15 deg TCA and 21.4 to 21.6m at 20 deg TCA; Fault at lower contact at 24.6m at 20 deg TCA with thin gouge; 1-2% mg diss py from 15.2 to 15.4**		
BG10-99	16.00	17.00	B52219	1.00	<.03	20-25% late pale white qtz+dol boudinaged vn'ing at 15 to 20 deg TCA; flt at 16.3 to 16.6m, 3cm wide qtz+dol vn adjacent to flt		
BG10-99	17.00	18.00	B52221	1.00	<.03	trace py		
BG10-99	18.00	18.90	B52222	0.90	<.03	5-10% qtz+dol vn'ing		
BG10-99	18.90	19.90	B52223	1.00	1.132	5-7% fg diss py from 19.1 to 19.4m in sil section with 15-25% qtz+dol vn'ing; at 19.8m 1 cm wide thin frac's with fg py	1.234	1.029
BG10-99	**19.90**	**20.80**	**B52225**	**0.90**	**0.617**	**5-7% fg diss py in sil section from 19.9 to 20.4m with ser + late qtz+dol vn'ing**		
BG10-99	20.80	21.70	B52226	0.90	1.440	10-12% fg dis py in sil section + sil+ank vnlets over 8cm wide section from 20.8 to 21m; 21 to 21.6 strong sil+ser+qt+dol vn;ing with 3-5% diss py; 21.3 to 21.6m possible sil dyke; flt at 21.5 to 21.6m with adjacent qtz+dol vn'ing	1.440	1.440
BG10-99	21.70	22.70	B52227	1.00	<.03	mod ser alt'n weak ductile shearing; trace py		
BG10-99	22.70	24.00	B52228	1.30	<.03	mod to strong chl alt'n; trace py		
BG10-99	24.00	24.80	B52229	0.80	<.03	at 24.6m Diorite Bx- FP Contact Flt at 24.6m		
BG10-99	24.80	26.00	B52230	1.20	<.03	FP;trace py		
BG10-99	26.00	27.30	B52231	1.30	0.206	flts at 26.2 to 26.7 m chl+qtz+dol; tracepy		
BG10-99	27.30	28.80	B52232	1.50	<.03	tr py		
BG10-99	32.50	33.60	B52233	1.10	<.03	<5% qtz+dol vn'ing; contact Diorite bx-Syenite at 33.4m; <1% py		
BG10-99	35.10	36.10	B52234	1.00	0.137	5-7% hem in fine clots; 1-2% diss py; flt at 35.6m		
BG10-99	36.10	37.40	B52235	1.30	<.03	5% qtz vn'ing; 36.3m 1.5cm wide mauve qtz vn at 80 deg TCA with fg py		
BG10-99	39.40	40.70	B52237	1.30	<.03	negl py; 5% qtz+dol+chl vn'ing		
BG10-99	40.70	41.90	B52238	1.20	<.03	trace diss py in late qtz+dol+chl vnlets		
BG10-99	41.90	43.00	B52239	1.10	<.03	py + cpy in qtz+ank+chl vnlets: overall <1% py and <5% vn'ing		
BG10-99	43.00	44.10	B52240	1.10	0.069	py in narrow frac's-qtz+dol at 43.4 to 44.1m; overall <1% py		
BG10-99	44.10	45.10	B52241	1.00	0.343	py in <1mm frc's with chl + qtz+dol; overall <1%py; 15-25% qtz+dol vn'ing in stress frac's		
BG10-99	45.10	46.10	B52243	1.00	<.03	qtz+dol flooding from 44.95 to 45.4m with hydrothermal bx; <1% fg py		
BG10-99	46.10	47.10	B52244	1.00	0.274	<5% qtz+dol vn'ing; <1% py		
BG10-99	47.10	48.50	B52245	1.40	<.03	3-5% hem; 1% py; blocky ground		
BG10-99	48.50	50.00	B52246	1.50	0.206	as above		
BG10-99	50.00	52.00	B52247	2.00	0.137	as above		
BG10-99	52.00	53.00	B52248	1.00	<.03	3-5% hem; <1% py; blocky ground		
BG10-99	53.00	54.00	B52249	1.00	0.069	1% fg diss py; 1-3% spec hem; less blocky - more competent than above sections; *from 54m to 67.4m strong ser+chl+sil+dol perv alt'n in a strong sheared + fractured unit*		
BG10-99	54.00	54.70	B52251	0.70	0.069	1-3% fg diss py in matrix and hairline frac's; frac's with chl+ser;		

Hole_ID	From	To	Sample_#	Length	Au ppm	Description	Au ppm_ck	Au ppm-ck2
BG10-99	54.70	55.40	B52252	0.70	<.03	<1% diss py; <5% late qtz+dol vnlets; mod stress fractured		
BG10-99	**55.40**	**56.20**	**B52253**	**0.80**	**67.201**	**55.8 to 56.2m anastomosing fracturing with qtz+mo+finely diss py + fine visible gold specs at 56 to 56.1m, fracturing at 0 to 35 deg TCA adjacent to 50-75% qtz+dol v'ing+ser from 55.4 to 55.8m; strong sil alt'n**	**71.658**	**62.743**
BG10-99	**56.20**	**57.10**	**B52255**	**0.90**	**0.823**	**56.2 to 56.5m strong sil alt'n with hairline frac'ing 1-5% fg py; 10-15% qtz+dol vnlets; hairline stress frac's with chl**		
BG10-99	57.10	58.00	B52256	0.90	0.137	10% late qtz+dol vnlets; strong frac'ing with chl+qtz; strong ser+chl+sil+some fine fuchsite; 1% fg dis py		
BG10-99	58.00	58.70	B52257	0.70	<.03	45-75% qtz+dol in vn's at various orientations; numeroud slips+fractures with chl+ser; <1% py		
BG10-99	58.70	59.50	B52258	0.80	<.03	as above		
BG10-99	59.50	61.00	B52259	1.50	<.03	10-20% late qtz+dol vn'ing' strong chl+ser+sil alt'n; <1% fg diss py; 1-3% spec hem		
BG10-99	61.00	62.00	B52260	1.00	<.03	10-30% late qtz+dol vn'ing' strong chl+ser+sil alt'n; <1% fg diss py; 3-5% spec hem; strongly sheared		
BG10-99	62.00	63.50	B52261	1.50	<.03	as above but 5% qtz dol		
BG10-99	63.50	65.00	B52262	1.50	<.03	0 deg TCA shear-flt from 63.5 to 64.2m with qtz+dol+chl+ser+5-7% hem+1-2% py; remainder of sample strong shear with strong ser+chl+sil		
BG10-99	65.00	66.50	B52263	1.50	<.03	few narrow frac's at 65.3 to 65.4 with py; near Syenite contact; unit becoming blocky; less alt'n		
BG10-99	66.50	68.00	B52264	1.50	<.03	1% fg diss py; 1% spec hem; carb+calcite vn'ing		
BG10-99	68.00	69.50	B52265	1.50	<.03	trace py		
BG10-99	69.50	71.00	B52266	1.50	<.03	strong sil+carb+calcite; beige+pale pink coloured matrix; 1-2% py		
BG10-99	71.00	72.50	B52267	1.50	<.03	mod frac'ing; 1% fg diss py; 1-3% spec hem		
BG10-99	72.50	74.00	B52268	1.50	<.03	as above		
BG10-99	74.00	77.00	B52269	3.00	<.03	as above		
BG10-100	12.00	13.00	B52270	1.00	<.03	negl py; parallel late white carb vn's		
BG10-100	13.00	14.10	B52271	1.10	<.03	probable flt from 13.2 to 13.9m with qtz+calcite+chl at low angle TCA; broken core; Flt Bx at 14.1m at 55 deg TCA; trace py		
BG10-100	14.10	15.60	B52272	1.50	<.03	5 to 55 deg TCA slips with late carb+chl; negl py		
BG10-100	15.60	17.00	B52273	1.40	<.03	negl py; parallel late white carb vn's		
BG10-100	17.00	18.00	B52274	1.00	<.03	17 to 17.25m dk grey qtz vn at 0 deg TCA with trace py at 1 cm wide; 17.7m weak Flt 35 deg TCA		
BG10-100	18.00	19.50	B52275	1.50	<.03	negl py		
BG10-100	19.50	20.40	B52277	0.90	<.03	negl py		
BG10-100	20.40	21.40	B52278	1.00	<.03	QFP with stress frac's healed with carb+qtz; negl py; Flt at 21.3 with 2 cm wide qtz+dol vn		
BG10-100	23.60	24.40	B52279	0.80	<.03	negl py; 15% late qtz+dol +carb vn'ing; Flt-slip at 24m		
BG10-100	24.40	25.80	B52280	1.40	<.03	24.42m late 0.6cm qtz+py vn at 85 deg TCA; vn later than white qtz+carb vn's; remaining sample 15-20% qtz+carb vnlets; 1% fg diss py		
BG10-100	25.80	26.50	B52281	0.70	<.03	26 to 26.4m slip with chl; carb vn with py clots; overall <1% py		
BG10-100	26.50	27.80	B52282	1.30	<.03	trace py in few late white qtz+carb+chl vn's		
BG10-100	27.80	28.80	B52283	1.00	<.03	27.8 to 28.8m 0.3 to 0.6cm wide qtz+carb + chl vn with 8-15% fg to mg py ay 0 deg TCA		
BG10-100	28.80	30.00	B52284	1.20	<.03	29.5m 1cm wide qtz+carb vn at 20 deg TCA with 15% py		
BG10-100	30.00	31.50	B52285	1.50	<.03	<1% py in a few discontinuous frac's		
BG10-100	31.50	33.00	B52286	1.50	0.069	as above		
BG10-100	33.00	34.50	B52287	1.50	0.069	as above		
BG10-100	**34.50**	**36.00**	**B52289**	**1.50**	**0.617**	trace py; 5% late white carb vn'ing		
BG10-100	36.00	37.00	B52290	1.00	<.03	36.05 to 36.25m grey-white carb vn at 5-10 deg TCA 2cm wide with 15% py		
BG10-100	37.00	38.50	B52291	1.50	<.03	trace py; 5% late white carb vn'ing		
BG10-100	38.50	40.00	B52292	1.50	<.03	low angle flt with chl + trace py at 0 deg TCA from 38.8 to 39.65m		
BG10-100	40.00	41.50	B52293	1.50	0.274	negl py		
BG10-100	**41.50**	**42.00**	**B52294**	**0.50**	**0.617**	**41.5 to 41.9m 0-5 deg TCA frac zone with calcite+spe hem+chl+ trace py**		
BG10-100	42.00	43.50	B52295	1.50	<.03	trace py		
BG10-100	43.50	45.00	B52297	1.50	0.137	as above		
BG10-100	45.00	46.00	B52298	1.00	<.03	45.3 to 45.7m rubble probable flt with spec hem+ py		
BG10-100	46.00	47.20	B52299	1.20	<.03	syenite negl py; calcite vn with spec hem 0-5 deg TCA <1cm wide		
BG10-100	47.20	47.80	B52300	0.60	0.069	negl py		
BG10-100	47.80	48.70	B53001	0.90	<.03	at 47.9m 0.75 cm wide carb vn at 35 deg TCA; negl py		

Hole_ID	From	To	Sample_#	Length	Au ppm	Description	Au ppm_ck	Au ppm-ck2
BG10-100	48.70	50.00	B53002	1.30	<.03	49.1m chl vn with mg py 1 cm wide		
BG10-100	52.50	54.00	B53003	1.50	<.03	<1% py; strong frac'ing with calcite+carb+chl		
BG10-100	54.00	55.50	B53004	1.50	<.03	as above		
BG10-100	63.00	64.30	B53005	1.30	<.03	wk frac's with chl + trace py; 5% late qtz+carb vn'ing		
BG10-100	64.30	65.30	B53006	1.00	0.069	64.3 to 64.8m subparallel frac's-vnlets <2mm wide with chl + py at 45 deg TCA		
BG10-100	65.30	66.50	B53008	1.20	0.137	<1%py in hairline frac's		
BG10-100	66.50	67.50	B53009	1.00	0.206	light coloured matrix sil alt'n?; 66.8m 3mm wide vn with chl + py; wk frac'ing; overall 1% py		
BG10-100	67.50	68.50	B53010	1.00	<.03	wk frac'ing with chl +py		
BG10-100	68.50	69.40	B53011	0.90	1.303	3-5% mg py in frac's leading up to syenite contact; mod subparallel frac's with chl + py at 20 to 35 deg TCA with qtz+dol	1.303	1.303
BG10-100	69.40	70.90	B53012	1.50	<.03	syenite, infill sample		
BG10-100	70.90	72.40	B53013	1.50	<.03	syenite, infill sample		
BG10-100	72.40	73.20	B53014	0.80	<.03	syenite, infill sample		
BG10-100	73.20	74.30	B53015	1.10	0.480	73.2 to 73.45m fg diss py 3-5% in syenite matrix; 73.45 to 74.27m 3-5% mg py in frac's with chl+calcite+carb at 20 to 45 deg TCA in diorite bx		
BG10-100	74.30	75.80	B53016	1.50	<.03	trace py in hairline frac's		
BG10-100	75.80	77.00	B53017	1.20	<.03	as above		
BG10-102	5.85	6.95	B52445	1.10	<.03	0.1m q-ank vn@32		
BG10-102	**6.95**	**8.00**	**B52446**	**1.05**	**8.160**	**0.15m chl-sil-ser w 35% cse+f d py@43**	**7.817**	**8.503**
BG10-102	**8.00**	**9.15**	**B52448**	**1.15**	**0.960**	**ct; 5% q-ank; 2% ser**		
BG10-102	9.15	10.25	B52449	1.10	<.03			
BG10-102	10.25	11.10	B52451	0.85	0.069	0.3m 30% q-ank assd w chl-sil@40 w 5% cse d py+ 1/8-1/4" dk gy py myl w 80% f d py		
BG10-102	11.10	12.35	B52452	1.25	<.03	flt in 0.05m q-ank-lim-chl-pk carb w 3% cse d py		
BG10-102	12.35	13.70	B52453	1.35	<.03			
BG10-102	13.70	15.00	B52454	1.30	0.069			
BG10-102	15.00	16.15	B52455	1.15	1.783	ends on 1/4"-1/2" pk carb-chl flt	2.057	1.509
BG10-102	16.15	17.20	B52456	1.05	1.680	1/4"-1/2" pk carb-chl flt assd w 3% bleb py	1.989	1.371
BG10-102	17.20	18.55	B52457	1.35	<.03			
BG10-102	18.55	19.60	B52458	1.05	<.03			
BG10-102	19.60	20.80	B52459	1.20	<.03			
BG10-102	25.70	26.95	B52460	1.25	<.03	BC; 2% cse bleb py		
BG10-102	26.95	28.40	B52461	1.45	<.03	5% cse bleb py		
BG10-102	28.40	29.60	B52462	1.20	<.03	0.1m 15% cse d py@62		
BG10-102	29.60	30.75	B52463	1.15	<.03	2* 1/2" 60% cse py vn's@38		
BG10-102	30.75	31.90	B52464	1.15	<.03	3% cse d py		
BG10-102	31.90	33.00	B52465	1.10	<.03			
BG10-102	33.00	34.00	B52466	1.00	<.03	4% cse d py		
BG10-102	35.70	37.05	**B52478**	1.35	0.206	4% cse d py		
BG10-102	37.05	38.30	B52467	1.25	0.343	4% cse d py		
BG10-102	38.30	39.15	B52468	0.85	<.03	0.3m BC-flt w 1/2" ank vn imm foll by 0.2m chl'd w 12% cse d py+ 1/4" 50% cse py vn's@15-25+20% q-ank bx		
BG10-102	39.15	39.80	B52469	0.65	<.03	mody sil'd; 3% cse d py; 10% q-ank frag's; shrp ct ends sil'n@74		
BG10-102	39.80	41.00	B52470	1.20	<.03	0.5m peak alt'n-hily bl'd+sil'd w chl-sil 1/4" myl w 70% f py+30% q-ank+5-8% cse d py; bone wt locy		
BG10-102	41.00	41.85	B52472	0.85	<.03			
BG10-102	47.15	48.10	B52473	0.95	<.03	0.1m por inlier in mody bl'd		
BG10-102	48.10	49.35	B52474	1.25	<.03	2% cse d py+10% q-ank		
BG10-102	49.35	50.95	B52475	1.60	<.03	10% q-ank fract's in bl'd por		
BG10-102	50.95	52.20	B52476	1.25	<.03	slip in 0.1m 20% q-ank+ bl'd+5% cse d py		
BG10-102	52.20	53.20	B52477	1.00	<.03	ct imm foll by 0.1m q-ank vn		
BG10-102	69.30	70.20	B52480	0.90	<.03	0.1m 60% q-ank@52 in mottled chlc bl'd 0.2m; 5% cse d py		
BG10-102	80.90	82.80	B52481	1.90	<.03	2* 1/8" med gy bull qv's@44		
BG10-102	84.60	85.60	B52482	1.00	<.03	0.1m hem'd mody imm foll by 1" BC		

Hole_ID	From	To	Sample_#	Length	Au ppm	Description	Au ppm_ck	Au ppm-ck2
BG10-102	100.50	101.80	B52483	1.30	<.03	BC; 5% cse d py; 1" 5% f d py@60; rare cp		
BG10-102	103.65	104.60	B52484	0.95	<.03	1.5" por inlier-fresh		
BG10-102	106.85	108.60	B52485	1.75	<.03	10% q-ank gen @35; wy bl'd		
BG10-102	108.60	110.00	B52486	1.40	<.03	2% q-ank; 0.1m 15% leuco		
BG10-102	110.00	111.50	B52487	1.50	<.03			
BG10-102	**111.50**	**112.45**	**B52488**	**0.95**	**0.754**	**10% cse py vn's to 1"@63**		
BG10-102	**112.45**	**113.30**	**B52489**	**0.85**	**0.960**	**0.3m 70% cse py vn ending on myl@52**		
BG10-102	113.30	114.50	B52491	1.20	<.03			
BG10-102	130.50	131.10	B52492	0.60	<.03	1" med gy q-ank vn@75		
BG10-102	142.50	143.65	B52493	1.15	<.03	1/8" 50% cse py vn@82 assd w epi; 0.05m ser-epi w 25% cse d py@65		
BG10-102	154.70	155.70	B52494	1.00	1.715	0.4m 20% leuco centred on 1/2" dull wt+ 1/4" med gy q-ank vn's@42; no py	1.646	1.783
BG10-102	155.70	156.45	B52495	0.75	<.03			
BG10-102	**156.45**	**157.30**	**B52496**	**0.85**	**0.754**	**1/2" dk gy qv in 0.1m 20% leuco+ wy sil'd+ 10% cse d py in both@54**		
BG10-102	157.30	158.30	B52497	1.00	0.480	6% cse d py assd w epi@44		
BG10-102	158.30	159.00	B52498	0.70	<.03			
BG10-103	9.10	10.50	B54070	1.40	<.03			
BG10-103	10.50	11.90	B54071	1.40	<.03	5% cse d py locy conc, ct		
BG10-103	11.90	13.30	B54072	1.40	<.03	5% cse d py locy conc, wy-mody bl'd		
BG10-103	13.30	14.75	B54073	1.45	<.03	10% q-ank vn's to 3/4"; 0.3m q-ank-chl vn's@20 w 5-6% cse d py		
BG10-103	14.75	15.50	B54074	0.75	<.03	5% q-ank; ct; posy sy inliers-pk w ser'd ct's		
BG10-103	15.50	17.10	B54075	1.60	<.03	5% q-ank, mottled		
BG10-103	17.10	18.20	B54076	1.10	<.03	ct, ser-chl, 3% cse d py		
BG10-103	18.20	19.10	B54077	0.90	<.03	5% cse d py, ct; ladder vn's in por		
BG10-103	19.10	20.30	B54078	1.20	1.303	0.3m 70% cse py vn@38 in hily sil-chl zone; ct imm foll by 0.05m chl-sil w 30% cse d py@32+ 1/4" same 0.1m before in por	1.234	1.371
BG10-103	20.30	21.00	B54080	0.70	0.274	10% cse d py in hily bl'd, wy sil'd, ser'd		
BG10-103	21.00	22.40	B54081	1.40	0.137	mottled, ser'd, 2-3% cse d py; 5% q-ank		
BG10-103	22.40	23.80	B54082	1.40	0.274	5% q-ank; hily bl'd, ser'd; 2% cse d py		
BG10-103	23.80	25.10	B54083	1.30	0.206	10% q-ank;@48; ser'd; 2% cse d py; hily bl'd		
BG10-103	25.10	26.00	B54084	0.90	0.069	0.2m sy/tuff belly does not cross core w 3/4" chl-ser-sil vn w 5% f d py; ct imm prec by (0.05m away) same vn		
BG10-103	26.00	27.00	B54085	1.00	<.03	ct; hily bl'd dio to olive gn		
BG10-103	27.00	28.50	B54086	1.50	0.206	ox'd heavily; shr; 5% cse d py; 10% spec		
BG10-103	28.50	29.40	B54087	0.90	0.137	olive gn, shr'd		
BG10-103	29.40	30.45	B54088	1.05	0.411	shr-hily ox'd; 5% cse d py; 10% spec		
BG10-103	30.45	31.60	B54089	1.15	<.03	0.3m vuggy ox'd 1/2" folded vn @5-30 w q-ank-spec-chl		
BG10-103	31.60	32.80	B54090	1.20	<.03			
BG10-103	32.80	34.10	B54092	1.30	0.137			
BG10-103	34.10	34.95	B54093	0.85	0.069	BC along chl-ser fract's-posy w bellying por-hily alt'd@5-20		
BG10-103	34.95	36.00	B54094	1.05	<.03	ser-chl @5-15 w q-ank-chl-spec vn's 3/4" @31 either end		
BG10-103	36.00	36.95	B54095	0.95	<.03	mottled; hily ser'd, hily bl'd; no py, could be hily alt'd por		
BG10-103	36.95	37.55	B54096	0.60	<.03	mottled; hily ser'd, hily bl'd; no py, could be hily alt'd por		
BG10-103	37.55	39.00	B54097	1.45	<.03	sas		
BG10-103	39.00	40.30	B54098	1.30	<.03	10% q-ank		
BG10-103	49.10	50.00	B54099	0.90	0.069	15% q-ank+ wk chl shr's@55 w 3% cse d py		
BG10-103	53.15	54.50	B54100	1.35	<.03	chlc w 20% q-ank@44		
BG10-103	54.50	56.00	B54101	1.50	<.03	chlc w 30% q-ank@44; ser'd; almost shr; rare cse d py		
BG10-103	56.00	57.00	B54102	1.00	<.03	5% q-ank		
BG10-103	57.00	57.90	B54103	0.90	<.03	chlc @37		
BG10-103	60.60	61.70	B54104	1.10	<.03	chlc		
BG10-103	61.70	63.05	B54105	1.35	<.03	2-3% cse d py locy conc in chlc		
BG10-103	63.05	64.40	B54106	1.35	<.03			

Hole_ID	From	To	Sample_#	Length	Au ppm	Description	Au ppm_ck	Au ppm-ck2
BG10-103	71.20	72.45	B54107	1.25	<.03	1/4" q-ank vn w 25% cse d py@45; wy bl'd locy		
BG10-103	91.05	92.10	B54108	1.05	<.03	0.15m q-ank-chl wk shr@46		
BG10-103	101.35	102.65	B54109	1.30	<.03			
BG10-103	102.65	103.60	B54110	0.95	0.206	0.1m w 2* 1/4" 50% cse py vn's w disc up to 3/4" dk gy qv between-all@35 imm foll by ser-chl flt		
BG10-103	103.60	104.25	B54112	0.65	<.03	flt-1/4" gouge imm prec by 0.4m hem'd brick red, cr'd w ser-chl+1% cse d py is ct		
BG10-103	109.60	110.50	B54113	0.90	<.03	flt w 0.2m mody bl'd; later-0.25m hem'd mody@posy @32		
BG10-103	118.20	119.50	B54114	1.30	<.03	0.2m hem'd brick red imm prec by flt w 3/4"10% f d py+ 1/8" dull wt qv		
BG10-103	123.90	124.70	B54115	0.80	<.03			
BG10-103	125.10	125.80	B54117	0.70	<.03	1/2" 5% f d py @43 assd w sil'n		
BG10-103	134.20	134.80	B54118	0.60	<.03	0.1m wy sil'd w 2% f d py		
BG10-103	134.80	135.40	B54119	0.60	0.480	BC w 30% 1/8" 60% cse py vn's stockwork-gen@39		
BG10-103	**135.40**	**136.60**	**B54121**	**1.20**	**0.823**			
BG10-103	136.60	137.80	B54122	1.20	0.137	1/8" 5% cse d py assd w wk slip@35; all BC		
BG10-103	137.80	138.70	B54123	0.90	0.754	1/4" 25% cse py vn in BC		
BG10-103	147.15	148.40	B54124	1.25	<.03	2* wy hem'd centred on 0.05m q-ank vn's@56		
BG10-103	151.00	151.90	B54125	0.90	<.03	1/8" chl fract w 10% cse d py@43		
BG10-103	151.90	152.45	B54126	0.55	<.03			
BG10-103	152.45	153.30	B54127	0.85	0.206	1/2" 50% cse py vn@30 in 0.1m wy sil'd+hem'd		
BG10-103	153.30	154.10	B54128	0.80	<.03			
BG10-103	154.10	155.50	B54129	1.40	<.03			
BG10-103	155.50	156.30	B54130	0.80	<.03	1" pk-wt q-ank-carb vn w 10% bleb cp@18		
BG10-103	156.30	157.40	B54131	1.10	<.03			
BG10-103	157.40	158.30	B54132	0.90	<.03			
BG10-103	158.30	159.50	B54133	1.20	<.03			
BG10-103	159.50	160.50	B54134	1.00	1.372	flt imm foll by 0.3m intense hem'n w 0.05m 50% cse py vn+15% cse d py, then 0.25m hily sil'd w abun ser-chl+40% cse+f d py-all@35	1.303	1.440
BG10-103	160.50	162.00	B54136	1.50	0.206			
BG10-103	162.00	162.95	B54137	0.95	0.343	0.15m w mody bl'd wy sil'd +10-15% cse d py@35		
BG10-103	162.95	164.15	B54138	1.20	<.03			
BG10-103	168.00	169.20	B54140	1.20	<.03	wy bl'd w 10-15% leuco		
BG10-103	171.70	172.80	B54141	1.10	<.03	2* 1/8"-1/4" 20% cse d py @40		
BG10-103	172.80	174.00	B54142	1.20	0.069	2* 0.1m whispy wy bl'd w 10% cse d py@36		
BG10-103	174.00	175.00	B54143	1.00	0.686	0.15m mody bl'd wy sil'd w 25% cse d py@25		
BG10-103	175.00	176.00	B54144	1.00	0.137			
BG10-104	2.50	3.55	B52499	1.05	<.03	2* 1/2"-3/4" q-ank vn w heavy hem'n@20+45		
BG10-104	6.00	7.25	B52500	1.25	<.03	green fresh		
BG10-104	7.25	8.00	B54001	0.75	<.03	BC followed by alt'd pa pur wy sil'd w 5% q-ank+ 5-8% cse d py@20-36; flt imm foll by 1" bl'd hily; 1/4" 35% cse py vn@35		
BG10-104	8.00	9.10	B54003	1.10	<.03	alt'd pa pur wy sil'd w 5% q-ank+ 3-4% cse d py@20-36; posy alb'd		
BG10-104	9.10	10.30	B54004	1.20	0.343	alt'd pa pur wy sil'd w 5% q-ank+ 3-4% cse d py@20-36; posy alb'd		
BG10-104	10.30	11.60	B54005	1.30	<.03	fresher; ct flt imm prec by 1/8" rusty		
BG10-104	14.50	15.50	B54006	1.00	<.03	10% q-ank		
BG10-104	15.50	16.05	B54007	0.55	1.269	0.15m wy sil'd+ bl'd imm prec by ct-w 30% q-ank+15-25% cse d py assd w chl-sil dk gy@58-imm foll by 0.5m BC w 20% bull q-ank	1.097	1.440
BG10-104	**16.05**	**17.25**	**B54009**	**1.20**	**0.617**	**mody bl'd, wy sil'd w 2* 1/8" 20% cse py vn's@33; ser'd**		
BG10-104	17.25	18.65	B54010	1.40	0.206	bl'd wy ending on 1/2" rusty q-ank vn@10-15		
BG10-104	24.80	26.00	B54011	1.20	>03	3% cse d py locy conc		
BG10-104	32.90	33.85	B54012	0.95	>03	3% cse d py locy conc		
BG10-104	33.85	34.90	B54013	1.05	>03			
BG10-104	34.90	35.95	B54014	1.05	>03	3% cse d py locy conc		
BG10-104	39.00	40.05	B54015	1.05	>03	3% cse d py locy conc; bx frag's up to 0.05m-well rounded por		
BG10-104	50.05	51.10	B54016	1.05	>03	3% cse d py locy conc in bx frag's/por dyke? @70		

Hole_ID	From	To	Sample_#	Length	Au ppm	Description	Au ppm_ck	Au ppm-ck2
BG10-104	51.10	52.50	B54017	1.40	>03	0.2m wy bl'd w 5% ser@75		
BG10-104	65.00	65.95	B54018	0.95	>03	0.1m bull med gy qtz in epi@53		
BG10-104	67.85	68.60	B54019	0.75	>03	2* 1/4" mody bl'd pa gy vuggy sil'd w 2-5% cse d py@44		
BG10-104	68.60	69.50	B54020	0.90	>03			
BG10-104	69.50	70.80	B54021	1.30	>03			
BG10-104	70.80	71.30	B54022	0.50	0.206	mody bl'd pa gy vuggy sil'd w 5% cse d py@44 on ct imm prec by at least 1" BC w same+pk carb-imm foll by 5% cse d py thoughout BC sy		
BG10-104	71.30	72.30	B54023	1.00	>03			
BG10-104	72.30	73.00	B54024	0.70	>03	ct w sy-sy w 8-10% cse d py is wy sil'd		
BG10-104	73.00	74.00	B54025	1.00	>03	sy w 8-10% cse d py is wy sil'd; 0.1m bull q-ank-carb vn@32		
BG10-104	74.00	75.00	B54026	1.00	>03			
BG10-104	84.30	84.80	B54027	0.50	>03	BC-15% epi+ alb'd? buff		
BG10-104	87.60	88.35	B54029	0.75	0.411	1/4" epi-magn vn w 20% cse py@30		
BG10-104	93.50	94.30	B54030	0.80	0.480	5-8% cse d py locy conc@5-255% q-ank-locy looks like selvage		
BG10-104	**94.30**	**95.80**	**B54031**	**1.50**	**0.549**	**5-8% cse d py locy conc@5-255% q-ank-locy looks like selvage**		
BG10-104	95.80	96.60	B54032	0.80	<.03			
BG10-104	104.50	105.25	B54033	0.75	<.03	ct imm prec by wy bl'd		
BG10-104	129.70	130.80	B54034	1.10	<.03			
BG10-104	130.80	131.90	**B54055**	1.10	1.749	0.1m+0.2m pk wy hem'd sy frag's?@53+34 w 5% spec+ 5% cse d py in chlc zone w 2* 0.1m wy sil'd w 10% cse d py-wt-pa gy	1.577	1.920
BG10-104	131.90	132.85	B54035	0.95	<.03			
BG10-104	**132.85**	**134.00**	**B54036**	**1.15**	**0.617**	**0.2m 10% cse d py-GC where cse py vuggy vn washed out@84-w 0.1m pk hem'd sy; py locy in chl fract's-ends on flt;rest-hily sil'd+bl'd w 5-6% cse d py-all@45**		
BG10-104	134.00	134.80	B54037	0.80	0.411	10-12% cse d py in hily sil'd@46		
BG10-104	134.80	135.80	B54038	1.00	2.092	peak alt'n; 25-35% cse d+vn py@35 in bone wt hily sil'd; locy dk gy chl-sil	1.989	2.194
BG10-104	135.80	136.80	B54040	1.00	1.714	hily sil'd; 10-15% cse d py	1.714	1.714
BG10-104	136.80	137.95	B54041	1.15	1.097	hily sil'd; 10-15% cse d py	1.097	1.097
BG10-104	137.95	139.05	B54042	1.10	0.617	hily sil'd; 5-6% cse d py		
BG10-104	139.05	140.30	B54043	1.25	1.200	hily sil'd; 5-6% cse d py	1.097	1.303
BG10-104	140.30	141.80	B54044	1.50	0.274	freshens quickly		
BG10-104	141.80	142.40	B54045	0.60	0.137	15% mody bl'd w 5% leuco+3% cse d py locy conc assd w chl fract's		
BG10-104	142.40	143.60	B54046	1.20	0.137	15% mody bl'd@52 w 5% leuco+3% cse d py locy conc assd w chl fract's		
BG10-104	**143.60**	**144.70**	**B54047**	**1.10**	**6.069**	**30% mody bl'd @42w 5% leuco+3% cse d py locy conc assd w chl fract's**	**6.103**	**6.034**
BG10-104	**144.70**	**146.00**	**B54048**	**1.30**	**0.549**	**locy hily bl'd; 0.5m sy inlier is hem'd; 4% cse d py locy conc-all gen @58**		
BG10-104	**146.00**	**147.10**	**B54049**	**1.10**	**0.617**	**ct imm foll by 0.05m 50% cse+f py vn -almost myl dk gy chl-sil@52**		
BG10-104	147.10	148.20	B54050	1.10	0.343	hem'd mody @29 w 10% cse d py; 10% bull q-carb-ank vn's@3 w 5% spec		
BG10-104	**148.20**	**149.00**	**B54051**	**0.80**	**0.549**	**0.4m hem'd mody @29 w 10% cse d py;**		
BG10-104	**149.00**	**150.00**	**B54052**	**1.00**	**0.754**	**15% q-ank; locy wy bl'd**		
BG10-104	**150.00**	**150.90**	**B54054**	**0.90**	**0.754**	**0.6m hem'd mody, hily sil'd w 15-20% cse d py+ 0.05m med gy int dyke? W 20% cse d py-all@39 ends alt'n**		
BG10-104	150.90	151.65	B54057	0.75	<.03	5% q-ank		
BG10-104	151.65	152.20	B54058	0.55	0.069	2* 1/8" tight chl-ser myl? @57 w 20% f d py		
BG10-104	152.20	153.50	B54059	1.30	<.03	5% q-ank+5% leuco locy conc		
BG10-104	163.35	164.25	B54060	0.90	<.03	20% leuco; 5% q-ank vn's to 1/2" w 10% spec		
BG10-104	174.50	175.40	B54061	0.90	<.03	5%epi+10% spec-in q-ank vuggy vn's		
BG10-104	179.50	180.45	B54062	0.95	<.03			
BG10-104	180.45	181.25	B54063	0.80	0.137	0.05m 85% cse py vn@46; 50% sample w 15% leuco		
BG10-104	181.25	182.25	B54064	1.00	<.03	50% sample w 15% leuco@65 w 10% q-ank w 1/4" 50% cse py vn @125		
BG10-104	182.25	183.65	B54065	1.40	<.03	discon 1/4" wt wv @40 w 8-10% cse d py in 0.1m 20% leuco; 1/4" 50% cse py vn in 1" 20% leuco+ser'n@52		
BG10-104	183.65	184.85	B54066	1.20	<.03	0.4m 15% leuco@75		
BG10-104	184.85	186.00	B54067	1.15	0.069	0.4m 15% leuco@75		

Hole_ID	From	To	Sample_#	Length	Au ppm	Description	Au ppm_ck	Au ppm-ck2
BG10-104	186.00	187.10	B54068	1.10	<.03	0.1m 20% leuco centred on 1" q-ank		
BG10-104	187.10	188.00	B54069	0.90	0.137	1/2" bl'd hily w 20% leuco+ 15% cse d py@45		
BG10-105	5.00	6.70	B52105	1.70	<.03	5% late qtz+dol vnlets; 1% fg py in few frac's		
BG10-105	6.70	7.60	B52106	0.90	<.03	flt at 10 deg TCA from 6.7 to 7.1m 35-45% qtz+dol vn'ing adjacent to flt; <1% py		
BG10-105	7.60	9.00	B52107	1.40	<.03	<1% py; contact Diorite with Syn at 10.2m		
BG10-105	9.00	10.50	B52108	1.50	<.03	1% diss py in matrix		
BG10-105	10.50	12.00	B52110	1.50	<.03	<5% late qtz+dol vn'ing; <1% py		
BG10-105	12.00	13.50	B52111	1.50	<.03	12 to 12.2m slip at 0 deg TCA with qtz+dol+chl		
BG10-105	13.50	15.00	B52112	1.50	<.03	multiple 20 deg TCA slips from 13.7 to 14.4m sone with qtz+dol+chl +minor py; overall 1% py		
BG10-105	15.00	16.00	B52113	1.00	<.03	<1% py		
BG10-105	16.00	16.90	B52114	0.90	<.03	multiple 20 deg TCA slips + minor vns with qtz+dol+ minor py from 16.3 to 16.7m; contact Diorite with Syn at 16.85m; overall 1% py		
BG10-105	16.90	18.40	B52115	1.50	<.03	<1% py, syn - Diorite contact at 17.9m		
BG10-105	18.40	19.20	B52116	0.80	0.274	weak fractures + slips with chl+py+qtz+dol; 1% py		
BG10-105	*19.20*	*19.90*	*B52117*	*0.70*	*0.069*	*19 to 22.2m Fracture-Shear Zone with Py+qtz+dol+Blue Vn'ing, 19.3 to 20.4m occasional 1mm to 3mm wide fractures at 25 deg TCA with py, overall 3-5%, from 20.4 to 21.3m intense shear at 25 to 30 deg TCA with 25% blue qtz vn'ing + 7-10% mg+fg py and 20% late qtz+dol vn'ing without py, 21.3 to 22.2m fracture-shear slips with qtz+py overall 5-7% and at 22.1 to 22.2m blue qtz vn with minor py + late qtz+dol; 22.2 to 22.8m 1% diss py*		
BG10-105	*19.90*	*20.40*	*B52118*	*0.50*	*0.137*	*as described in 19.2 to 19.9m*		
BG10-105	**20.40**	**21.30**	**B52119**	**0.90**	**6.171**	**as described in 19.2 to 19.9m**	6.171	6.171
BG10-105	21.30	22.20	B52121	0.90	1.612	as described in 19.2 to 19.9m	1.783	1.440
BG10-105	22.20	22.90	B52122	0.70	0.069	**as described in 19.2 to 19.9m;** Diorite-Syn contact at 22.8m		
BG10-105	22.90	24.40	B52124	1.50	<.03	negl py in Syn; at 23.6m one qtz+calcite vn <0.5cm wide at 5 deg TCA with 1% euhedral mg py		
BG10-105	26.50	27.50	B52125	1.00	<.03	<1% py in weakly sheared diorite		
BG10-105	27.50	28.50	B52126	1.00	<.03	10% late qtz+carb vn'ing in tension frac's at 50 deg TCA, wk flt at 28m at 70 deg TCA; 1% diss py in slips		
BG10-105	28.50	29.50	B52127	1.00	<.03	1% diss py in slips; diorite -Syn contact at 29.5m		
BG10-105	29.50	31.00	B52128	1.50	<.03	negl py; diorite unit from 29.8 to 30.25m		
BG10-105	31.00	32.50	B52129	1.50	<.03	negl py		
BG10-105	32.50	34.00	B52130	1.50	0.137	1-2% diss mg py in discontinuous vn's along slips; 10% late qtz + carb vn'ing in tension frac's		
BG10-105	34.00	35.50	B52131	1.50	<.03	<1% py in weakly fractured diorite		
BG10-105	35.50	36.50	B52132	1.00	<.03	36 to 36.1m local shear-frac; 1-3% py in frac-slips		
BG10-105	36.50	38.00	B52134	1.50	<.03	5-10% late white to pink white qtz+dol+carb vn'ing; flt at 37.6 to 37.69m at 40 deg TCA; <1% py		
BG10-105	38.00	39.50	B52135	1.50	<.03	rare frac's with ser+qtz+chl+py		
BG10-105	39.50	41.00	B52136	1.50	<.03	negl py		
BG10-105	41.00	42.50	B52138	1.50	<.03	<2% qtz+carb vnlets; negl py		
BG10-105	42.50	44.00	B52139	1.50	<.03	as above		
BG10-105	44.00	44.70	B52140	0.70	<.03	as above		
BG10-105	44.70	45.80	B52141	1.10	<.03	moderate shear with rare 1-2mm qtz vn with py; 10-15% qtz+carb late vn'ing; flt at 45.5m with chl+py; overall 1-2% py		
BG10-105	45.80	47.20	B52143	1.40	<.03	variable local frac's & shears; one shear with chl + py; overall <1% py		
BG10-105	47.20	48.70	B52144	1.50	<.03	1-2% mg euhedral py in frac's; 5% late qtz carb vn'ing		
BG10-105	48.70	50.00	B52145	1.30	<.03	negl py		
BG11-106	13.70	14.90	C0970	1.20	<.03	2*0.2 bull qtz-ank-moly vns @35; 1*3 cm chl fault @40		
BG11-106	16.90	18.30	C0971	1.40	<.03	3*0.3 cm qtz-ank-moly vns @35 w 1% cse py; 1*4 cm chl flt @30 w 3% cse py		
BG11-106	19.90	21.00	C0972	1.10	<.03	hem'd w spec hem,1% mg to cse diss py		
BG11-106	21.00	21.90	C0973	0.90	<.03	**1*4 cm qtz-moly vn @25 w 50% cse py; 1*2 cm qtz-moly vn @30 w spec hem, 20% cse diss py**		
BG11-106	21.90	22.90	C0974	1.00	0.137	1* 1 cm chl-moly @20 w qtz brecciation; 1% fg diss py + spec hem		
BG11-106	24.00	25.00	C0975	1.00	0.206	3*1-3 cm vuggy qtz-ank vn @30 w mn fg diss py + spec hem		
BG11-106	29.80	30.80	C0976	1.00	0.137	2% mg diss py + spec hem; 3% qtz-ank vns parallel to CA w 40% dk brown cse py + poss chalco?		
BG11-106	32.10	33.00	C0977	0.90	0.137	grn chl'd sample w 1% cse diss py + 0.1 cm chl stringer vns w 5% mg py		

Hole_ID	From	To	Sample_#	Length	Au ppm	Description	Au ppm_ck	Au ppm-ck2
BG11-106	33.00	34.80	C0978	1.80	<.03	moly flt @60 w 5% mg diss py; 1*1 cm qtz-ank-moly vn @ 30 w 35% mg py		
BG11-106	34.80	36.20	C0979	1.40	<.03	<1% fg diss py; 2-3*0.1-0.2 qtz-ank vns @<25 w 25% cse diss py		
BG11-106	36.20	37.60	C0980	1.40	<.03	4*0.5-1 cm qtz-ank vns @20-30 w >80% cse diss py		
BG11-106	**37.60**	**38.90**	**C0981**	**1.30**	**0.549**	**1*>10 cm zone w 1-2 cm qtz-carb vns w 90% cse py @20 + parallel to CA**		
BG11-106	38.90	40.20	C0983	1.30	0.206	Bleached core w 4 cm zone of 0.1-0.2 cm qtz-ank vns w 90% cse py @ 40		
BG11-106	40.20	41.10	C0984	0.90	0.069	3*0.1 cm qtz-ank vns @40 w 70% mg py		
BG11-106	41.10	42.00	C0985	0.90	<.03	chl'd sample w 1% fg diss py; 1*1 cm qtz-ank vn @35 w 40% cse py		
BG11-106	43.00	44.10	C0986	1.10	0.069	hly bleached w 2% fg diss py, moly; py conc in >70% in 0.2 cm qtz vns @30		
BG11-106	44.10	45.30	C0987	1.20	0.274	6*0.2 cm qtz-ank vns @30 w 80% cse py		
BG11-106	45.30	46.80	C0988	1.50	<.03	1% fg diss py; 0.1-0.2 cm qtz vns @40 w 3% cse py		
BG11-106	46.80	48.00	C0989	1.20	0.137	<1% fg diss py; diss moly + 2 cm moly-qtz fault @20		
BG11-106	48.00	49.70	C0990	1.70	0.206	4*0.2 cm qtz-moly? Vns @25 w 5% mg py; 1*2cm qtz zone w 60% cse diss py		
BG11-106	51.90	52.80	C0991	0.90	0.069	mildly bleac'd + chl'd core w 1% fg diss py + 0.1-0.3 cm qtz-chl vns @55 w 15% mg py		
BG11-106	52.80	54.00	C0992	1.20	0.137	mildly bleac'd + chl'd core w 0.1 cm qtz-chl stringers @45 w 3% mg py		
BG11-106	**54.60**	**55.40**	**C0993**	**0.80**	**0.960**	**contact btw QFP + diorite chl-ser flt @30; 1% fg diss py; 7% leux**		
BG11-106	**55.40**	**56.55**	**C0994**	**1.15**	**0.960**	**15% leux; 3% mg diss py**		
BG11-106	**56.55**	**57.65**	**C0995**	**1.10**	**0.823**	**15% leux; 3% mg diss py**		
BG11-106	57.65	58.55	C0996	0.90	3.600	**20% leux; 1*20 cm zone w 90% euh blocky cse diss py; 3*0.2-3 cm bull wt to pk qtz-ank vns @20-30**	3.977	3.223
BG11-106	58.55	59.30	C0998	0.75	1.440	hly chl'd w 1*4 cm pk wt qtz-ank vn @ 25 w ass 4 cm zone w 90% cse diss py	1.371	1.509
BG11-106	61.80	62.40	C0999	0.60	<.03	BC W 1% cse diss py		
BG11-106	62.40	63.00	C1000	0.60	<.03	BC w 3% cse diss py		
BG11-107	21.80	23.10	B54899	1.30	<.03			
BG11-107	23.10	24.60	B54900	1.50	<.03			
BG11-107	24.60	25.55	C06951	0.95	<.03			
BG11-107	25.55	26.50	C06952	0.95	<.03	1/8"70% cse py vn @30		
BG11-107	26.50	27.40	C06953	0.90	0.069			
BG11-107	**27.40**	**28.10**	**C1124**	**0.70**	**0.960**	**ct; flt**		
BG11-107	28.10	28.90	C06954	0.80	<.03			
BG11-107	28.60	29.60	C12453	1.00	<.03	INFILL		
BG11-107	29.60	30.60	C12454	1.00	<.03	INFILL		
BG11-107	30.60	31.60	C12455	1.00	<.03	INFILL		
BG11-107	31.60	32.60	C12456	1.00	<.03	INFILL		
BG11-107	32.60	33.60	C12457	1.00	<.03	INFILL		
BG11-107	33.60	34.40	C12458	0.80	2.126	INFILL	1.783	2.469
BG11-107	**34.40**	**34.90**	**C12459**	**0.50**	**0.754**	**INFILL**		
BG11-107	**34.90**	**35.80**	**C06955**	**0.90**	**0.549**			
BG11-107	35.80	36.65	C06956	0.85	0.137			
BG11-107	**36.65**	**37.40**	**C1125**	**0.75**	**0.891**			
BG11-107	**37.40**	**38.35**	**C1126**	**0.95**	**0.549**	**4* 1/8"-3/4" 30% cse py vn's in hem'd brick red alt'n @82; hily sil'd; becomes wt hily bl'd**		
BG11-107	38.35	39.00	C1128	0.65	0.411	wt hily bl'd; locy hily sil'd w chl-sil+10% cse d py@60		
BG11-107	39.00	40.20	C1129	1.20	0.137	hily bl'd; BC		
BG11-107	40.20	40.70	C1130	0.50	0.343	hily bl'd; BC; 5% py str's w chl-sil@75		
BG11-107	40.70	41.40	C1131	0.70	0.274	hily bl'd; BC; 5% py str's w chl-sil@75		
BG11-107	41.40	42.15	C1132	0.75	0.274	hily bl'd; BC; 5% py str's w chl-sil@75; hily sil'd ct imm foll by bl'd w 30% cse d py over 0.2m@45		
BG11-107	42.15	43.50	C1133	1.35	0.343			
BG11-107	43.50	44.80	C1134	1.30	0.069			
BG11-107	44.80	46.00	C1135	1.20	0.137			
BG11-107	46.00	46.90	C1136	0.90	0.274			
BG11-107	61.70	63.00	C1137	1.30	0.343	1/8" 60% cse py vn@15		
BG11-107	63.00	64.50	C1138	1.50	<.03	posy dyke-por-or hem alt'n@40		
BG11-107	64.50	65.30	C1139	0.80	<.03	fresh ends at stope, then blocks		

Hole_ID	From	To	Sample_#	Length	Au ppm	Description	Au ppm_ck	Au ppm-ck2
BG11-107	**68.40**	**69.00**	**C1140**	**0.60**	**0.960**	**after blocks; inc'g alt'd w 1" q-ank-carb vn imm foll by 0.2m ser-epi w 5-8% cse d py imm foll by 1/2" wt qv w 10% cse d py@30**		
BG11-108	22.65	24.00	B30140	1.35	<.03	10% q-ank; 0.1n bl'd mody@60 w 0.1m 5% leuco		
BG11-108	24.00	25.40	B30141	1.40	<.03	5% q-ank		
BG11-108	25.40	26.00	B30142	0.60	0.411	1" 70% cse py vn@55		
BG11-108	26.00	27.35	B30144	1.35	<.03			
BG11-108	27.35	28.40	B30146	1.05	<.03	ct; 0.15m 10% leuco+10% q-ank+ dk gy chl-sil spec vn@37		
BG11-108	28.40	29.70	B30147	1.30	<.03	0.5m 10% leuco w 1" q-ank vn@68 w 10% cse d py+ 1/8" chl-spec-sil vn@24+ "2"void" block w GC @55-posy flt-chlc		
BG11-108	29.70	30.75	B30148	1.05	<.03	10% leuco; 5% cse d +bleb py		
BG11-108	30.75	31.50	B30149	0.75	0.206	10% leuco w 1/4" 20% cse py vn assd w dk gy chl-sil 1/4" vn@52+ 1/4" wt qv@45+2* 1/4" q-ank-ser-chl vn's w 30% f+cse py@50+53		
BG11-108	31.50	32.55	B30150	1.05	<.03			
BG11-108	32.55	33.60	B30151	1.05	0.274	10% leuco; locy almost pur hue; 5% cse d py		
BG11-108	33.60	35.05	B30152	1.45	<.03			
BG11-108	35.05	36.00	B30153	0.95	0.343	3/4" dk gy-pur q-chl-sil vn @72 w 10% cse d py in 0.1m 10% leuco		
BG11-108	**36.00**	**37.15**	**B30154**	**1.15**	**0.549**	**flt tight centres 0.5m 10% leuco+3% cse d py**		
BG11-108	**37.15**	**38.00**	**B30155**	**0.85**	**0.617**	**0.1m q-ank vn@59 centres 0.3m 15% leuco+8% cse d py- mody bl'd**		
BG11-108	38.00	39.60	B30156	1.60	<.03			
BG11-108	39.60	40.45	B30157	0.85	<.03	3/4" spec blk vn@14-posy w chl-sil		
BG11-108	40.45	42.00	B30158	1.55	<.03	no alt'n @BT		
BG11-109	28.50	30.00	B30044	1.50	<.03	10% sample w 10% leuco@75		
BG11-109	30.00	31.50	B30045	1.50	<.03			
BG11-109	31.50	32.50	B30046	1.00	<.03	70% sample w 10% leuco; 1/2" pa gy qv @62 w 15% spec, 5% f d py, 5% cp		
BG11-109	**32.50**	**33.00**	**B30047**	**0.50**	**0.617**	**80% sample w 10% leuco@60**		
BG11-109	33.00	33.90	B30048	0.90	0.274	10% sample w 10% leuco@55		
BG11-109	**33.90**	**35.00**	**B30049**	**1.10**	**0.617**	**10% sample w 10% leuco@45; 1/8" 40% cse py@62**		
BG11-109	35.00	36.00	B30050	1.00	1.749	80% sample w 10% leuco@32; 0.3m wy sil'd+ wy bl'd w 35% cse d +vn py+10% carb	1.509	1.989
BG11-109	36.00	36.80	B30052	0.80	<.03	50% sample w 10% leuco@45		
BG11-109	36.80	37.55	B30053	0.75	<.03			
BG11-109	37.55	38.45	B30054	0.90	<.03			
BG11-109	38.45	39.50	B30055	1.05	<.03			
BG11-109	39.50	40.25	B30056	0.75	<.03	0.2m 10% leuco @35 w 5% cse d py		
BG11-109	40.25	41.10	B30057	0.85	<.03			
BG11-109	41.10	42.00	B30058	0.90	<.03			
BG11-109	**45.00**	**46.00**	**B30059**	**1.00**	**27.909**	**0.3m bull q-carb wt vn@40 in 10% leuco+5% cse d py imm foll by 0.1m 20% cse d py**	**30.309**	**25.509**
BG11-109	46.00	47.25	B30060	1.25	2.846	10% sample w 10% leuco@55	3.154	2.537
BG11-109	47.25	48.00	B30061	0.75	1.303	10% sample w 10% leuco@75	1.440	1.166
BG11-109	48.00	49.40	B54871	1.40	0.069	chill zone BP		
BG11-109	49.40	50.45	B54872	1.05	<.03	chill zone BP		
BG11-109	55.90	56.95	B30062	1.05	<.03			
BG11-109	56.95	57.60	B30063	0.65	1.029	ct-0.2m bl'd mody	1.029	1.029
BG11-109	57.60	59.10	B30064	1.50	<.03	10% sample w 10% leuco@45		
BG11-109	59.10	60.00	B30065	0.90	0.480	70% sample w 15% leuco@68; 0.2m wy sil'd+ wy bl'd w 20% cse d py		
BG11-109	60.00	61.15	B30066	1.15	<.03	10% sample w 10% leuco@55 w 5% cse d py		
BG11-109	65.70	67.10	B30067	1.40	<.03			
BG11-109	67.10	67.70	B30069	0.60	0.411	0.15m wt-med gy qv@77 w 10% spec+5% cse d py imm prec by slip -in 0.25m 10% leuco,		
BG11-109	67.70	68.90	B30070	1.20	<.03			
BG11-109	68.90	69.65	B30071	0.75	<.03	0.1m wt-med gy qv@69 w 5% cp+ 20% cse vn py		
BG11-109	69.65	70.80	B30072	1.15	<.03			
BG11-109	70.80	72.00	B30073	1.20	0.411	1/4" dk gy chl myl? w 20% f d py@37; 0.2m 15% leuco+wy hem'd+10% cse d py+ wk ser'n@43		
BG11-109	**72.00**	**73.00**	**B30074**	**1.00**	**0.617**	**0.25m 15% ank-carb vn's to 1/4" +10% leuco+ ser'n+10% f d py**		

Hole_ID	From	To	Sample_#	Length	Au ppm	Description	Au ppm_ck	Au ppm-ck2
BG11-109	73.00	74.20	B30075	1.20	<.03			
BG11-109	74.20	75.40	B30076	1.20	<.03			
BG11-109	**75.40**	**76.10**	**B30077**	**0.70**	**0.617**			
BG11-109	76.10	76.90	B30078	0.80	1.029	15% leuco+wy hem'd+10% cse d py+ wk ser'n@55+ 15% epi locy conc	1.097	0.960
BG11-109	76.90	77.80	B30079	0.90	<.03			
BG11-109	77.80	78.80	B30080	1.00	1.235	15% leuco+wy hem'd+10-15% cse d py+ wk ser'n@54-67+ 5% epi locy conc	1.303	1.166
BG11-109	78.80	79.55	B30082	0.75	1.543	15% leuco+wy hem'd+10% cse d py+ wk ser'n@55+ 15% epi locy conc- centred on 1" pa gy qv w 10% spec, 5% cse d py, +2% cp@55	1.851	1.234
BG11-109	79.55	80.55	B30083	1.00	2.246	15% leuco+wy hem'd+10% cse d py+ wk ser'n@55+ 15% epi locy conc- centred on 1/2" chl-almost myl- w 20% cse+ 20% f d py@37	2.091	2.400
BG11-109	**80.55**	**81.35**	**B30084**	**0.80**	**0.960**	**0.15m 15% leuco+ wy sil'd w 3-5% cse d py@78**		
BG11-109	81.35	82.40	B30085	1.05	<.03	2* 1/4" 25% cse py vn's@47		
BG11-109	82.40	83.35	B30086	0.95	1.440	50% sample w 15% leuco+ wy sil'd w 3-5% cse d py@69 w 1/2"+ 0.05m q-carb vn w 5% cse d py	1.440	1.440
BG11-109	83.35	84.20	B30087	0.85	<.03			
BG11-109	84.20	85.25	B30088	1.05	<.03	1/8" q-ank vn assd w epi@65 in 0.1m 10% leuco w 5% cse d py		
BG11-109	**85.25**	**86.05**	**B30089**	**0.80**	**0.754**	**5% 1/8" 20% cse py vn's assd w epi-leuco @79**		
BG11-109	86.05	87.00	B30090	0.95	<.03	15% 1/8"-1/2" 40% cse py vn's assd w epi-leuco @79		
BG11-109	87.00	87.85	B30091	0.85	1.475	25% 1/8"-1/2" 40% cse py vn's assd w epi-leuco @79+ 0.1m 90% cse py vn@62	1.303	1.646
BG11-109	87.85	89.20	B30093	1.35	<.03			
BG11-109	89.20	90.60	B30094	1.40	<.03			
BG11-109	**90.60**	**91.80**	**B30095**	**1.20**	**0.549**	**1/4" 40% cse py vn@43**		
BG11-109	**91.80**	**93.00**	**B30096**	**1.20**	**0.686**	**1/4" 40% cse py vn@57; 0.1m pa gy q-ank-ser-epi@50 w 35% cse d py**		
BG11-109	93.00	94.50	B30097	1.50	<.03			
BG11-109	94.50	95.30	B30098	0.80	<.03	1/4" 40% cse py vn@62		
BG11-109	95.30	96.00	B30099	0.70	<.03	80% sample w 15% leuco+ wy sil'd w 8% cse d py@73 w 0.15m ser-epi-qtz @64 w 15% pa gy qtz str's+35% cse d py		
BG11-109	**96.00**	**97.15**	**B30100**	**1.15**	**0.960**			
BG11-109	97.15	98.00	B30101	0.85	<.03			
BG11-109	98.00	99.30	B30103	1.30	<.03			
BG11-109	99.30	99.90	B30104	0.60	<.03	1/2" pa gy qv w 5% cse d py@22 imm prec by 0.1m 20% epi-ser-leuco w 5% cse d py		
BG11-109	99.90	100.90	B30105	1.00	<.03			
BG11-109	100.90	101.50	B30106	0.60	<.03	1/4" chl-ser-ank vn w 30% f+ 10% cse d py@63 imm foll by 0.2m 5% leuco		
BG11-109	101.50	102.40	B30107	0.90	<.03	1/4" pk carb imm foll by 1/4" gouge flt imm foll by 0.2m 10% leuco imm foll by flt w 1" wt carb imm foll by 0.4m intensely shr'd w 30% cse+f d py+50% ank-carb		
BG11-109	102.40	103.50	B30109	1.10	<.03	10% ank; locy shr'd w 2* 0.05m ser-chl-ank w 15% cse d py+ one 1/2" dk gy qv-all@56		
BG11-109	**103.50**	**104.50**	**B30110**	**1.00**	**14.949**	**all intensely alt'd, hily bl'd, hily sil'd ser-chl-ank@57 centred on 3/4" dk gy sil-chl qv w at least 5 spots V.G.-2 easily seen without lens-all in one area-vein@72; in middle-0.2m q-ank wt vn@68 w 2% cp imm prec by 1/2" 70% cp imm prec by 1/2" 80% cse py vn**	**13.509**	**16.389**
BG11-109	**104.50**	**105.35**	**B30111**	**0.85**	**22.732**	**70% chl-ser-ank locy shr'd locy hily sil'd+bl'd-almost mauve hue- w 25% cse d py w 5% chl vn's @52 1/8"; 10% ank vn's; all alt'n ends on flt**	**21.257**	**24.206**
BG11-109	105.35	106.50	B30112	1.15	<.03	0.2m 10% leuco		
BG11-109	106.50	107.70	B30113	1.20	1.406	5* 1/8"-1/2" 50% cse py vn's assd w ser-epi@72-82	1.166	1.646
BG11-109	**107.70**	**108.50**	**B30114**	**0.80**	**0.686**	2* 1/2" 30% cse py vn's assd w ser-epi@52		
BG11-109	108.50	109.60	B30115	1.10	<.03	1/2" 30% cse py vn's assd w ser-epi@52		
BG11-109	109.60	111.00	B30116	1.40	<.03			
BG11-109	111.00	112.50	B30117	1.50	<.03	3* 1/8" 25% cse py vn's assd w epi@75-85		
BG11-109	112.50	113.40	B30118	0.90	0.206	1/4" 70% cse py vn@70		
BG11-109	113.40	114.70	B30120	1.30	<.03			
BG11-109	114.70	115.70	B30121	1.00	<.03	15% ser-epi w 1/8" 20% cse py vn's-gen@45+70-80 truncated by pa gy 1/8" qv's bull@140		
BG11-109	115.70	116.30	B30122	0.60	<.03	slip imm foll by 0.1m 15% leuco-wy sil'd w 5% cse d py		
BG11-109	116.30	117.30	B30123	1.00	<.03			
BG11-109	117.30	118.20	B30124	0.90	0.343			

Hole_ID	From	To	Sample_#	Length	Au ppm	Description	Au ppm_ck	Au ppm-ck2
BG11-109	118.20	119.05	B30125	0.85	0.754			
BG11-109	119.05	120.50	B30126	1.45	<.03			
BG11-109	120.50	121.20	B30127	0.70	<.03	0.1m q-ank vn w 10% cp blebs@24		
BG11-109	121.20	122.15	B30128	0.95	<.03			
BG11-109	122.15	123.20	B30129	1.05	2.778	10% epi-ser+leuco w 3% cse d py imm foll by 0.2m 30% epi-ser w 10% wt qtz+15% cse d py@39	3.086	2.469
BG11-109	123.20	124.30	B30131	1.10	<.03			
BG11-109	124.30	125.10	B30132	0.80	<.03			
BG11-109	125.10	126.20	B30133	1.10	<.03			
BG11-109	126.20	127.40	B30134	1.20	1.235	0.4m 15% leuco w ser-carb+10% cse d py@72+49	1.029	1.440
BG11-109	127.40	128.80	B30135	1.40	<.03			
BG11-109	128.80	130.05	B30136	1.25	<.03	3* 1/8" 20% cse py vn's@43		
BG11-109	130.05	131.00	B30137	0.95	<.03			
BG11-109	142.50	143.20	B30138	0.70	<.03	1/4" wt q-ank vn @66 w 1% cse d py on ct		
BG11-109	144.80	146.10	B30139	1.30	<.03	0.3m 5% leuco centred on ser-epi-qtz bull vn's@21		
BG11-110	22.10	23.00	B29876	0.90	<.03	1/8" 50% cse py vn@5		
BG11-110	23.00	24.00	B29877	1.00	<.03			
BG11-110	24.00	25.30	B29878	1.30	<.03	0.1m 20% q-ank+15% cse d py@15		
BG11-110	25.30	26.05	B29879	0.75	2.674	0.2m 80% cse py vn@45 imm prec by 0.05m mody sil'd w 30% cse d py	2.674	2.674
BG11-110	26.05	26.90	B29881	0.85	<.03			
BG11-110	**26.90**	**27.80**	**B29882**	**0.90**	**0.891**	**1/2" 70% cse py vn@54 imm prec by slip; 0.4m 15% q-ank in hily sil'd w 20% cse d py**		
BG11-110	27.80	28.70	B29883	0.90	<.03	1/2" 60% cse py vn@75		
BG11-110	28.70	30.00	B29885	1.30	<.03	10% leuco		
BG11-110	30.00	31.20	B29886	1.20	<.03	10% leuco		
BG11-110	31.20	32.55	B29887	1.35	<.03	3/4" dk gy sil-chl vn-spec @80 w 2% cse d py		
BG11-110	32.55	33.80	B29888	1.25	<.03			
BG11-110	33.80	34.90	B29889	1.10	<.03	10% leuco@56		
BG11-110	34.90	35.95	B29890	1.05	<.03			
BG11-110	35.95	37.00	B29891	1.05	<.03	0.2m 15% leuco w 15% cse d py@65		
BG11-110	37.00	38.35	B29892	1.35	2.880	50% of sample w 15% leuco+10% q-ank+15% cse d py+vn py55+ 1/4" dk gy qv w 10% spec	3.017	2.743
BG11-110	38.35	39.85	B29893	1.50	<.03	1" bull q-q-ank vn@35		
BG11-110	39.85	40.90	B29894	1.05	<.03	1/8" 50% cse py vn@70		
BG11-110	40.90	42.00	B29895	1.10	<.03			
BG11-110	42.00	43.20	B29896	1.20	<.03			
BG11-110	**43.20**	**44.15**	**B29897**	**0.95**	**0.686**	**5% epi+ser**		
BG11-110	**44.15**	**45.00**	**B29898**	**0.85**	**0.549**	**0.3m w gy qv's w 20% cse d py + 15% leuco@30**		
BG11-110	**45.00**	**46.10**	**B29899**	**1.10**	**0.960**	**50% sample w 10% leuco; 0.1m mody sil'd w 30% q-carb@45 w 20% cse d py**		
BG11-110	**46.10**	**47.65**	**B29900**	**1.55**	**0.549**			
BG11-110	**47.65**	**48.80**	**B29901**	**1.15**	**0.549**	**0.3m 15% leuco@45**		
BG11-110	48.80	50.05	B29902	1.25	0.411			
BG11-110	50.05	51.60	B29903	1.55	0.069			
BG11-110	51.60	52.75	B29904	1.15	0.549			
BG11-110	52.75	53.70	B29905	0.95	0.069	0.2m bull q-ank vn@35 w 5% spec		
BG11-110	53.70	55.00	**B29906**	1.30	0.137			
BG11-110	55.00	55.90	**B29908**	0.90	<.03			
BG11-110	55.90	56.75	B29909	0.85	0.480	flt @ct-1/8" gouge		
BG11-110	56.75	58.20	B29910	1.45	<.03			
BG11-110	58.20	59.60	B29911	1.40	<.03			
BG11-110	59.60	60.90	B29913	1.30	<.03			
BG11-110	**60.90**	**61.60**	**B29914**	**0.70**	**5.263**	**0.3m inlier dio w 10% leuco+3/4" 5-8% cse d py@55**	**5.006**	**5.520**
BG11-110	61.60	62.40	B29915	0.80	<.03			
BG11-110	62.40	63.55	B29916	1.15	2.846	0.1m mody sil'd 70% cse py vn@63+10% carb posy imm prec by slip	2.674	3.017
BG11-110	63.55	64.10	B29917	0.55	<.03	0.15m 15% leuco; 1/4" 30% cse py vn@57		

Hole_ID	From	To	Sample_#	Length	Au ppm	Description	Au ppm_ck	Au ppm-ck2
BG11-110	64.10	65.30	B29918	1.20	0.480	0.5m 15% leuco w 0.1m+0.2m 40% cse d py vn's@47 in hily sil'd		
BG11-110	65.30	66.00	B29919	0.70	<.03			
BG11-110	66.00	66.75	B29920	0.75	1.200	0.2m hily sil'd w 50% cse d py@54 w 20% carb	1.303	1.097
BG11-110	66.75	68.10	B29922	1.35	<.03			
BG11-110	68.10	69.30	B29923	1.20	<.03			
BG11-110	69.30	70.15	B29924	0.85	<.03	0.25m 10% leuco@55		
BG11-110	70.15	71.60	B29925	1.45	<.03			
BG11-110	71.60	73.10	B29926	1.50	0.411			
BG11-110	73.10	74.40	B29927	1.30	0.206			
BG11-110	74.40	75.30	B29928	0.90	0.686	0.05m hily sil'd+bl'd w 80% cse py vn@53		
BG11-110	75.30	76.25	B29929	0.95	0.343			
BG11-110	76.25	76.70	B29930	0.45	<.03			
BG11-110	76.70	77.90	B29931	1.20	<.03			
BG11-110	77.90	79.25	B29932	1.35	<.03			
BG11-110	79.25	80.65	B29933	1.40	2.914		2.811	3.017
BG11-110	80.65	81.80	B29934	1.15	2.332	2* 1/4" 30% cse py vn's assd w epi@44+42	2.126	2.537
BG11-110	81.80	82.55	B29935	0.75	<.03			
BG11-110	82.55	83.70	B29936	1.15	<.03			
BG11-110	83.70	84.90	B29937	1.20	<.03			
BG11-110	84.90	86.35	B29938	1.45	<.03			
BG11-110	86.35	87.80	B29939	1.45	<.03			
BG11-110	87.80	89.45	B29941	1.65	<.03	1/4" 30% cse py vn w dk gy qv@65		
BG11-110	89.45	91.00	B29942	1.55	<.03			
BG11-110	91.00	92.40	B29943	1.40	<.03	2* 1/2" epi-wt qtz @62+33 w 2% cse d py		
BG11-110	92.40	93.90	B29944	1.50	<.03			
BG11-110	93.90	95.45	B29945	1.55	<.03			
BG11-110	95.45	96.35	B29946	0.90	1.097	1"+1/8" 70% cse py vn's@51 w 2% dk gy qtz	1.234	0.960
BG11-110	96.35	97.50	B29947	1.15	0.137			
BG11-110	97.50	98.55	B29948	1.05	<.03			
BG11-110	98.55	99.80	B29949	1.25	0.069			
BG11-110	99.80	101.00	B29950	1.20	0.206	1/4" dk-med gy qv@76 w 20% cse d py		
BG11-110	101.00	102.00	B29951	1.00	<.03			
BG11-110	102.00	103.10	B29952	1.10	2.194	Main Zone -hily bl'd+sil'd mauve w 40% cse d py@60 ends on 1" dk gy chlc w 30% cse+f d py-then imm foll by 20% leuco	2.331	2.057
BG11-110	103.10	104.00	B29954	0.90	1.852	20% leuco for 0.4m centred on 1/4" chl mud gouge flt	1.783	1.92
BG11-110	104.00	104.85	B29955	0.85	1.749	0.2m 20% leuco+0.1m hily bl'd+wy sil'd w 30% cse d py@67	1.851	1.646
BG11-110	104.85	105.80	B29956	0.95	0.274			
BG11-110	105.80	106.80	B29957	1.00	<.03			
BG11-110	**106.80**	**107.50**	**B29958**	**0.70**	**0.754**	**0.1m hem'd wy w 15% leuco+20% cse d py@69**		
BG11-110	**107.50**	**108.35**	**B29959**	**0.85**	**0.823**	**0.1m wy sil'd w 10% epi+10% cse d py+10% leuco@60**		
BG11-110	108.35	108.90	B29960	0.55	1.783	40% wy sil'd w 10% epi+10% cse d py+10% leuco@60	1.783	1.783
BG11-110	108.90	110.00	B29961	1.10	1.509	1"+0.3m wy sil'd w 10% epi+10% cse d py+10% leuco@60; 3/4" 60% cse py vn@67	1.509	1.509
BG11-110	110.00	110.95	B29962	0.95	<.03			
BG11-110	110.95	111.70	B29963	0.75	1.098	0.2m hem'd wy w 15% leuco+20% cse d py@69+ w 5% dk gy qv's-0.1m 10% leuco either side	1.166	1.029
BG11-110	111.70	113.05	B29965	1.35	0.823	0.1m 20% epi+20% pa gy qtz+25% cse d py in hily sil'd@70		
BG11-110	113.05	114.00	B29966	0.95	<.03			
BG11-110	114.00	114.95	B29967	0.95	<.03			
BG11-110	114.95	115.90	B29968	0.95	<.03	0.2m 10% epi-ser in hily sil'd w 25% cse d py@50; 5% med gy qtz		
BG11-110	115.90	117.00	B29969	1.10	<.03			
BG11-110	117.00	118.50	B29970	1.50	<.03			
BG11-110	118.50	120.00	B29971	1.50	<.03			
BG11-110	120.00	120.85	B29972	0.85	0.069			

Hole_ID	From	To	Sample_#	Length	Au ppm	Description	Au ppm_ck	Au ppm-ck2
BG11-110	120.85	121.50	B29973	0.65	0.137	0.1m 10% epi-ser in hily sil'd w 25% cse d py@50; 5% med gy qtz		
BG11-110	121.50	123.10	B29975	1.60	<.03			
BG11-110	123.10	124.05	B29976	0.95	0.069	40% wy sil'd w 10% epi+10% cse d py+10% leuco@60-85		
BG11-110	124.05	125.00	B29977	0.95	<.03			
BG11-110	125.00	126.40	B29978	1.40	<.03	first 0.3m w 10% leuco in wy bl'd@47		
BG11-110	126.40	127.50	B29979	1.10	<.03			
BG11-110	127.50	128.80	B29980	1.30	0.137			
BG11-110	128.80	129.70	B29981	0.90	0.206	20% leuco; mody bl'd; 10% wy sil'd w 30% cse py vn's@60		
BG11-110	**129.70**	**130.80**	**B29982**	**1.10**	**0.549**	**20% leuco; mody bl'd; 10% wy sil'd w 30% cse py vn's@60; 1/8" gouge flt imm prec by 0.1m bull q-q-anl vn@49 w 2% cse d py on chl fract's imm prec by 0.1m 30% cse d py**		
BG11-110	130.80	131.70	B29984	0.90	<.03			
BG11-110	131.70	133.05	B29985	1.35	<.03			
BG11-110	133.05	134.40	B29986	1.35	<.03			
BG11-110	134.40	135.30	B29987	0.90	<.03	1/4" 50% cse py vn@79 assd w ser-epi		
BG11-110	135.30	136.30	B29988	1.00	<.03			
BG11-110	136.30	137.25	B29989	0.95	<.03	0.1m 30% epi-ser w 1/8" med gy qv@18 w20% cse d py in both; 1/8" med gy qv @49 assd w ser-epi w 15% cse d py		
BG11-110	137.25	138.50	B29990	1.25	<.03			
BG11-110	138.50	139.55	B29991	1.05	<.03			
BG11-110	139.55	140.95	B29992	1.40	0.206	30% wy sil'd w 10% epi+10% cse d py+10% leuco@ 30, 50, 80		
BG11-110	140.95	142.40	B29993	1.45	<.03	1/4" 50% cse py vn@41 assd w ser-epi		
BG11-110	142.40	144.00	B29994	1.60	<.03	1" of 1/8" 60% cse py vn's@50-70		
BG11-110	144.00	145.50	B29995	1.50	<.03			
BG11-110	145.50	147.00	B29996	1.50	<.03	3/4" epi-ser vn w 20% cse d py@37		
BG11-110	147.00	148.10	B29997	1.10	<.03			
BG11-110	148.10	148.85	B29999	0.75	2.263	30% wy sil'd w 10% epi+10% cse d py+10% leuco@ 63	2.126	2.400
BG11-110	148.85	149.75	B30000	0.90	2.195	10% wy sil'd w 10% epi+10% cse d py+10% leuco@ 63	2.126	2.263
BG11-110	149.75	151.00	B30001	1.25	0.069			
BG11-110	151.00	151.70	B54873	0.70	<.03	10%epi		
BG11-110	151.70	153.00	B54874	1.30	<.03			
BG11-110	153.00	154.10	B54875	1.10	0.206			
BG11-110	154.10	155.65	B54876	1.55	0.274	2* 1/8" 70% cse py vn's @45		
BG11-110	**155.65**	**157.00**	**B30002**	**1.35**	**0.617**	**0.2m of 1/8"-3/4" 60% cse py vn's@65**		
BG11-110	157.00	158.15	B30003	1.15	0.206	3* 1/8" 60% cse py vn's@45+56+64; 1/4" med gy qv w 5% cse d py truncates one py vn @130		
BG11-110	158.15	158.90	B30004	0.75	1.063	0.2m hem'd wy w 15% leuco+20% cse d py@57	1.029	1.097
BG11-110	158.90	159.55	B30005	0.65	1.680	0.1m hem'd wy w 15% leuco+20% cse d py@57	1.646	1.714
BG11-110	159.55	160.15	B30006	0.60	0.480	2* 0.05m hem'd wy w 15% leuco+10% cse d py@57+75		
BG11-110	160.15	161.65	B30007	1.50	<.03			
BG11-110	161.65	162.60	B30008	0.95	1.303	0.2m epi-ser w 15% leuco+15% cse d py@83 centred on 0.05m dk gy qv w 5% cse d py	1.303	1.303
BG11-110	**162.60**	**163.40**	**B30010**	**0.80**	**0.754**	**0.2m+ 0.1m hem'd wy w 15% leuco+20% cse d py@66**		
BG11-110	163.40	164.35	B30011	0.95	0.343			
BG11-110	164.35	165.50	B30012	1.15	0.137			
BG11-110	165.50	166.55	B30013	1.05	<.03			
BG11-110	166.55	167.55	B30014	1.00	<.03	90% hem'd wy w 15% leuco+20% cse d py@85 w 5% dk gy q str's; well min'd		
BG11-110	167.55	168.60	B30015	1.05	<.03	0.2m 10% leuco		
BG11-110	168.60	169.95	B30016	1.35	<.03			
BG11-110	179.00	179.90	B30017	0.90	<.03			
BG11-110	**179.90**	**181.05**	**B30018**	**1.15**	**5.177**	**0.1m hily bl'd+sil'd w 1/4" pa gy qv imm foll by 50% cse d py in ser'n@74; 0.1m 15% leuco imm foll by 2' BC-posy flt here**	**4.251**	**6.103**
BG11-110	181.05	182.10	B30019	1.05	<.03			
BG11-110	182.10	183.00	B30021	0.90	<.03			
BG11-110	183.00	184.10	B30022	1.10	2.058	hily bl'd+ wy sil'd 20% leuco+ser+epi+35% cse d py@35 w 2% dk gy qtz; almost mauve	2.126	1.989

Hole_ID	From	To	Sample_#	Length	Au ppm	Description	Au ppm_ck	Au ppm-ck2
BG11-110	184.10	184.90	B30024	0.80	2.194	hily bl'd+ wy sil'd 20% leuco+ser+epi+35% cse d py@35 w 2% dk gy qtz; mauve w 0.2m w 60% cse d py@37; last 0.4m 20% leuco wy bl'd w 5% cse d py	2.331	2.057
BG11-110	184.90	185.80	B30025	0.90	<.03	20% leuco; wy bl'd+sil'd w 0.1m hily sil'd w 25% cse d py@28-5% otherwise		
BG11-110	**185.80**	**186.70**	**B30026**	**0.90**	**0.754**	**0.2m 10% leuco+10% cse d py centred on 1/2" dk gy qv @74 w 10% cse d py**		
BG11-110	186.70	187.50	B30027	0.80	<.03			
BG11-110	191.60	192.40	B30028	0.80	<.03	1/4"-1/2" pa gy qv@59 assd w epi w 8% cse d py		
BG11-110	202.50	203.15	B30029	0.65	<.03	10% leuco; 20% q-carb@37; 3% cse d py		
BG11-110	203.15	204.00	B30030	0.85	2.983	20% leuco; alt'n peaks @ 1" 80% cse py vn@59 centred on 1/4" pa gy qv; shr'd wy	3.017	2.949
BG11-110	204.00	204.90	B30031	0.90	<.03			
BG11-110	212.60	213.50	B30032	0.90	<.03	BC w 2% cse d py on chl fract's@50-60		
BG11-110	223.80	224.85	B30033	1.05	<.03			
BG11-110	**224.85**	**226.00**	**B30034**	**1.15**	**5.520**	**0.1m 60% cse py vn@45 w 15% carb-ank imm foll by v hily sil'd gy w 10% cse d py w shrp ct@75**	**5.280**	**5.760**
BG11-110	226.00	226.90	B30035	0.90	<.03			
BG11-110	226.90	228.00	B30036	1.10	<.03			
BG11-110	228.00	228.90	B30037	0.90	<.03	2* 1/8" 30% cse py vn's@66		
BG11-110	228.90	229.55	B30038	0.65	<.03	0.4m brick red hem'd por w chl ann bx-primarily on 2 ct's w 4% cse d py imm prec by 1" ser'd hily+ wy sil'd w 15% cse d py		
BG11-110	229.55	230.25	B30040	0.70	<.03	hily bl'd; ser'd; 5% cse d py; 5% q-ank@35		
BG11-110	230.25	231.30	B30041	1.05	<.03	hily bl'd; 3% cse d py		
BG11-110	231.30	232.50	B30042	1.20	<.03	bl'd mody		
BG11-111	26.00	27.00	C0082	1.00	0.069	0.3m 10% leuco w 1/8" 30% cse py vn@60; first 0.3m gabbroic-posy boulder		
BG11-111	**27.00**	**28.00**	**C0083**	**1.00**	**0.549**	**0.15m 15% leuco centred on 3/4" 70% cse py vn@77**		
BG11-111	28.00	29.15	C0084	1.15	<.03	2* 1/8" 30% cse py vn's@77		
BG11-111	29.15	30.70	C0085	1.55	<.03			
BG11-111	30.70	31.95	C0086	1.25	<.03			
BG11-111	**31.95**	**32.70**	**C0087**	**0.75**	**0.823**	**0.1m hily sil'd mauve w 40% cse d py in qv@76**		
BG11-111	32.70	33.50	C0088	0.80	0.274			
BG11-111	33.50	34.35	C0089	0.85	0.069	0.4m dull wt qv+dk gy sil'n@37+72 w 2%f d py+ 1/2" 50% cse py vn@72		
BG11-111	34.35	35.55	C0090	1.20	<.03	first 0.2m dk gy sil'd w 20% wt qv's@68 w 10% cse d py		
BG11-111	35.55	36.50	C0091	0.95	<.03	1/2" q-ank w 5% cse d py@85		
BG11-111	36.50	37.40	C0092	0.90	<.03	2* 1" 70% epi+5% cse d py@20% magn		
BG11-111	39.10	40.50	C0093	1.40	<.03	fresh FW of stope		
BG11-111	40.50	42.10	C0094	1.60	<.03			
BG11-111	42.10	43.30	C0095	1.20	0.069	0.3m 10% leuco+5% qv's to 1/2" w 8% cse d py@5-45		
BG11-111	43.30	44.35	C0096	1.05	0.411	0.2m bull q+q-ank vn@30 in 0.2m 10% leuco		
BG11-111	44.35	45.35	C0097	1.00	1.577	0.3m 15% leuco +15% epi+20% cse py d+vn's@77	1.577	1.577
BG11-111	**45.35**	**46.50**	**C0099**	**1.15**	**0.549**	**10% epi**		
BG11-111	46.50	47.10	C0100	0.60	0.480	ct		
BG11-111	47.10	48.60	B54751	1.50	<.03			
BG11-111	48.60	50.00	B54752	1.40	<.03			
BG11-111	50.00	51.40	B54753	1.40	<.03			
BG11-111	51.40	52.70	B54754	1.30	<.03			
BG11-111	52.70	53.40	B54755	0.70	<.03			
BG11-111	53.40	54.50	B54756	1.10	<.03	bl'd mody ct w 10% q-ank@75		
BG11-111	54.50	55.95	B54757	1.45	0.069			
BG11-111	55.95	56.70	B54758	0.75	<.03	0.1m 10% leuco		
BG11-111	56.70	57.35	B54759	0.65	0.617	str 0.2m mauve hily sil'd w 20% cse d +vn py@67;		
BG11-111	57.35	58.00	B54761	0.65	0.411	0.2m hily sil'd w 15% cse d py+30% q-ank@69		
BG11-111	58.00	58.95	B54762	0.95	<.03			
BG11-111	58.95	60.10	B54763	1.15	<.03	5% epi in fract's w 3% cse d py@35+60		
BG11-111	60.10	61.50	B54764	1.40	<.03	1/4" 30% cse py vn assd w epi@35		
BG11-111	**61.50**	**62.30**	**B54765**	**0.80**	**39.635**	**60% 20% leuco+ 3* 1/4"-2" wt-pa gy qv's+ 15% cse d +1/4" vn py-all@62; hily sil'd locy; ser'n**	**32.572**	**46.698**

Hole_ID	From	To	Sample_#	Length	Au ppm	Description	Au ppm_ck	Au ppm-ck2
BG11-111	62.30	63.35	B54767	1.05	0.069	18" 40% cse py vn@76		
BG11-111	63.35	64.80	B54768	1.45	<.03			
BG11-111	64.80	65.90	B54769	1.10	0.274			
BG11-111	65.90	67.05	B54770	1.15	<.03			
BG11-111	67.05	68.15	B54772	1.10	0.069			
BG11-111	68.15	69.00	B54773	0.85	<.03	0.4m 15% leuco@72 w 20% q-ank		
BG11-111	69.00	69.85	B54774	0.85	0.137	0.1m ser-ank wk shr @ ct w 10% cse d py @44 imm prec by 0.1m 10% leuco		
BG11-111	69.85	71.30	B54775	1.45	<.03			
BG11-111	71.30	72.70	B54776	1.40	<.03			
BG11-111	72.70	73.70	B54777	1.00	1.132	30% 10% leuco assd w 5% cse d py@47 w 10% q-ank-carb; 1/4" 60% cse py vn@67 in hily bl'd 0.1m	1.029	1.234
BG11-111	73.70	74.60	B54778	0.90	0.960	5% epi fract's w 3% cse d py@41+59		
BG11-111	74.60	75.60	B54779	1.00	1.234	0.1m 60% cse py vn@49 w 1/2" gyish q-ank vn imm prec by 1" BC-imm foll by 0.1m 15% leuco	1.097	1.371
BG11-111	75.60	76.35	B54780	0.75	0.549	1" BC w 40% cse py vn@65		
BG11-111	76.35	77.25	B54781	0.90	1.029	1/4" + 1" + 1/4" 70% cse py vn's@49	1.097	0.960
BG11-111	77.25	78.55	B54782	1.30	1.989	15% leuco; locy hily bl'd+sil'd+ w 10% epi+15% cse d py@73	2.057	1.920
BG11-111	78.55	79.50	B54783	0.95	2.709	15% leuco; locy hily bl'd+sil'd+ w 10% epi+15% cse d py@73	2.949	2.469
BG11-111	79.50	80.50	B54784	1.00	2.538	15% leuco; locy hily bl'd+sil'd+ w 10% epi+15% cse d py@73; 0.3m mody hem'd w 10% q-ank	2.606	2.469
BG11-111	80.50	81.45	B54786	0.95	3.463	50% 15% leuco; locy hily bl'd+sil'd+ w 10% epi+15% cse d py@73	3.566	3.360
BG11-111	81.45	82.50	B54787	1.05	0.960	5% epi fract's w 3% cse d py@gen@65		
BG11-111	82.50	83.10	B54788	0.60	2.057	5* 1/2" 60% cse py vn's@28+55 in 10% leuco	2.194	1.920
BG11-111	83.10	84.10	B54789	1.00	2.366	70% 15% leuco; locy hily bl'd+sil'd+ w 10% epi+15% cse d py@73; 1/2" qv dull wt imm prec by 1/2" 50% cse py vn imm foll by 1/2" chl-sil w 8% cse d py@35	2.263	2.469
BG11-111	84.10	84.95	B54790	0.85	1.543	15% epi fract's +1/4" wt qv@50 w 10% cse d py	1.577	1.509
BG11-111	**84.95**	**85.95**	**B54791**	**1.00**	**0.549**	**5% epi fract's w 3% cse d py@gen@65**		
BG11-111	**85.95**	**87.00**	**B54792**	**1.05**	**0.617**	**15% epi fract's w 3% cse d py@gen@65**		
BG11-111	87.00	87.90	B54793	0.90	0.343	2* 1" epi-ser-sil'd w 15% cse d py@65+127 w 30% q-ank		
BG11-111	87.90	88.70	B54794	0.80	<.03			
BG11-111	88.70	89.50	B54795	0.80	<.03			
BG11-111	89.50	90.60	B54796	1.10	<.03	1"-2" q-ank wt bull vn@5-10		
BG11-111	90.60	91.90	B54797	1.30	<.03			
BG11-111	91.90	92.95	B54798	1.05	2.126	5% epi fract's w 3% cse d py@gen@65; last .2m w 10% leuco+15% cse d py@67	2.057	2.194
BG11-111	**92.95**	**93.95**	**B54800**	**1.00**	**0.549**	**first 0.2m 15% leuco w 5% cse d py@70 assd w ser-epi**		
BG11-111	93.95	95.05	B54801	1.10	<.03			
BG11-111	95.05	96.00	B54802	0.95	<.03	0.2m 30% epi-ser w 1/8" wt qv+ 15% cse d py@55 w 15% magn xl's		
BG11-111	96.00	97.10	B54803	1.10	<.03			
BG11-111	97.10	97.90	B54804	0.80	<.03	0.05m bull q-ank vn@70		
BG11-111	97.90	98.60	B54805	0.70	<.03	3/4" dk gy sil-chl qv w 5% f d py@36		
BG11-111	98.60	99.80	B54806	1.20	0.206	0.3m 20% leuco in wy sil'd w 10% cse d py@80+ w 1" bull pa gy qv		
BG11-111	99.80	100.90	B54807	1.10	<.03	1/8" 40% cse py vn in 0.1m 15% leuco @85		
BG11-111	**100.90**	**101.80**	**B54808**	**0.90**	**0.617**	**1/2" mauve qv w 20% cse+5% f d py@64;**		
BG11-111	**101.80**	**102.55**	**B54809**	**0.75**	**0.823**	**1/2" mauve qv w 10% cse d py@62 in 0.1m ser-ank-10% leuco;**		
BG11-111	**102.55**	**103.20**	**B54810**	**0.65**	**0.960**	**0.2m mauve hily sil'd w 20% cse d py+20% q-ank@60;**		
BG11-111	**103.20**	**104.10**	**B54811**	**0.90**	**19.338**	**1" dk gy sil-chl qv w 5% cse d py @65 imm foll by 0.25m 15% leuco imm foll by 1" dk gy sil-chl qv w 5% cse d py@68 w 2 specks (one large) V.G. imm prec by 1/2" ser-sil-leuco w at least 5 specks V.G.;**	**19.612**	**19.063**
BG11-111	104.10	105.20	B54813	1.10	<.03	1/4" dull wt qv w 3% cse d py@45 imm prec by 1" 10% leuco		
BG11-111	105.20	106.55	B54814	1.35	0.206	1/2" dull wt qv w 3% cse d py@48 w 10% cse d py; 1" 70% cse py vn@62 imm foll by 0.05m 10% leuco		
BG11-111	106.55	107.40	B54815	0.85	<.03	0.4m 10% leuco		
BG11-111	107.40	108.35	B54816	0.95	<.03	0.4m 10% leuco		
BG11-111	108.35	109.65	B54817	1.30	<.03			
BG11-111	109.65	110.60	B54818	0.95	<.03	2* 0.1m 20% epi+20% magn		
BG11-111	110.60	111.30	B54819	0.70	0.411	0.2m 40% epi-ser imm prec by 1" milk wt bull qv w 20% cse d py@75		

Hole_ID	From	To	Sample_#	Length	Au ppm	Description	Au ppm_ck	Au ppm-ck2
BG11-111	**111.30**	**112.20**	**B54820**	**0.90**	**0.549**	**1/4" 30% cse py vn@78 assd w epi**		
BG11-111	112.20	113.75	B54822	1.55	<.03	rec'd analysis for 54822A & 54882B @ 0.069		
BG11-111	113.75	115.10	B54823	1.35	<.03	0.15m bull q-q-ank vn@40		
BG11-111	115.10	116.60	B54824	1.50	<.03			
BG11-111	116.60	117.35	B54825	0.75	0.069	3/4" wt qv w 8% cse d py+5% chl clots@25 imm foll by 0.05m 20% epi		
BG11-111	117.35	118.70	B54826	1.35	0.069			
BG11-111	118.70	120.00	B54827	1.30	<.03			
BG11-112	20.05	21.15	B30159	1.10	<.03	bl'd; could be big boulders; 1/4" wt qv w 10% spec+3%cp+3% cse d py @40		
BG11-112	21.15	22.50	B30160	1.35	<.03	5% leuco		
BG11-112	22.50	23.30	B30161	0.80	<.03	5% leuco		
BG11-112	23.30	24.00	B30162	0.70	<.03	5% leuco; 0.2m wy shr'd w 30% q-ank+ang bx in chl+3-5% cse d py@42		
BG11-112	24.00	25.00	B30164	1.00	<.03	locy wy bl'd; 1/2" 50% cse py vn@65		
BG11-112	25.00	26.10	B30165	1.10	<.03	5% leuco;		
BG11-112	**26.10**	**26.70**	**B30166**	**0.60**	**0.891**	5% leuco; 0.05m+1.0m 30% q-ank-ser bl'd mody wy sil'd w 5% cse d py		
BG11-112	26.70	27.55	B30167	0.85	<.03	0.1m bull q-ank-chl vn@65		
BG11-112	27.55	29.00	B30168	1.45	<.03			
BG11-112	**29.00**	**30.45**	**B30169**	**1.45**	**0.549**			
BG11-112	30.45	31.45	B30170	1.00	0.343	20% sample w 5% ;leuco		
BG11-112	31.45	32.55	B30171	1.10	<.03			
BG11-112	32.55	33.10	B30172	0.55	0.206	0.2m 15% leuco wy bl'd@70		
BG11-112	33.10	34.20	B30173	1.10	<.03			
BG11-112	34.20	34.90	B30175	0.70	<.03	0.1m 15% leuco@75		
BG11-112	34.90	36.45	B30176	1.55	<.03			
BG11-112	36.45	37.90	B30177	1.45	<.03			
BG11-112	37.90	39.30	B30178	1.40	0.411	0.2m 10% leuco		
BG11-112	39.30	40.15	B30179	0.85	<.03			
BG11-112	40.15	41.35	B30180	1.20	<.03	0.05m 60% cse py vn@55		
BG11-112	41.35	41.95	B30181	0.60	<.03			
BG11-112	41.95	42.70	B30182	0.75	0.549	0.25m mauve hue hily sil'd+bl'd w 20% leuco+20% cse d py@45		
BG11-112	42.70	43.35	B30183	0.65	<.03	10% 1/4"-3/4" q-ank vn's@28; ends on 0.1m 20% leuco w 8% cse d py		
BG11-112	43.35	44.80	B30184	1.45	<.03			
BG11-112	44.80	45.80	B30185	1.00	<.03			
BG11-112	45.80	47.00	B30186	1.20	<.03	last 0.5m w 10% leuco+BC		
BG11-112A	20.80	22.25	B30187	1.45	<.03	BC; 2* 3/4" pa gy qv's w 15% spec/moly+10% cse d py+4% cp@45+53		
BG11-112A	22.25	24.00	B30188	1.75	<.03			
BG11-112A	24.00	25.00	B30189	1.00	<.03	10% q-ank; wy bl'd; 3/4" pa gy qv w 5% cse d py @50 imm prec by 3/4" chl w 30% cse d py; slip w chl slicks		
BG11-112A	25.00	25.85	B30190	0.85	<.03	5% leuco;		
BG11-112A	25.85	27.00	B30191	1.15	0.549	5% leuco; gouge flt imm foll by 1/8" pk carb imm foll by 0.1m hily sil'd w 12% cse d py imm foll by 1/2" 50% cse py vn		
BG11-112A	27.00	27.70	B30193	0.70	<.03	wy sil'd; 5% cse d py		
BG11-112A	27.70	29.00	B30194	1.30	<.03	wy sil'd; 5% cse d py		
BG11-112A	29.00	30.40	B30195	1.40	0.343	wy sil'd; 5% cse d py		
BG11-112A	30.40	32.05	B30196	1.65	<.03	5% leuco;		
BG11-112A	32.05	33.30	B30198	1.25	<.03	5% leuco;		
BG11-112A	33.30	34.40	B30199	1.10	0.274	5% leuco;		
BG11-112A	34.40	35.80	B30200	1.40	<.03	5% leuco;		
BG11-112A	35.80	37.05	B30201	1.25	<.03	5% leuco;		
BG11-112A	37.05	38.40	B30202	1.35	<.03	5% leuco;		
BG11-112A	38.40	39.65	B30203	1.25	<.03	5% leuco;		
BG11-112A	39.65	41.00	B30204	1.35	0.069	50% sample w 15% leuco; 0.2m med gy q-ank vn@27 w 1% cse d py+30% qtz frag's bx		
BG11-112A	41.00	42.30	B30205	1.30	0.137	0.2m 20% leuco hily bl'd wy sil'd@55		

Hole_ID	From	To	Sample_#	Length	Au ppm	Description	Au ppm_ck	Au ppm-ck2
BG11-112A	42.30	43.25	B30206	0.95	0.343	2* 0.1m hily bl'd, wy sil'd w 20% cse d py+ser'n@57		
BG11-112A	43.25	44.10	B30207	0.85	<.03	0.1m hily bl'd, wy sil'd w 10% cse d py+ser'n@73		
BG11-112A	44.10	44.80	B30208	0.70	<.03			
BG11-112A	44.80	45.95	B30209	1.15	<.03			
BG11-112A	45.95	47.30	B30210	1.35	<.03			
BG11-112A	47.30	48.70	B30211	1.40	<.03	wk leuco @ BT		
BG11-113	18.60	19.65	B30212	1.05	1.783	60% sample brown hue, mody bl'd, mody sil'd w 20% leuco+ser'n+15% epi+30% cse d py-all@62-65 w first 0.1m fresher (don't know if we got it all, so drilled 113A to undercut);	1.851	1.714
BG11-113	19.65	20.40	B30214	0.75	0.617	5% epi+3% cse d py		
BG11-113	20.40	21.00	B30215	0.60	<.03	0.1m brown hue, mody bl'd, mody sil'd w 20% leuco+ser'n+15% epi+30% cse d py-all@64 w 1" 80% cse py vn		
BG11-113	21.00	22.00	B30216	1.00	<.03	0.1m ser-epi w 15% leuco centred on 1/2" wt qv w 20% cse d py+5% chl-sil dk gy+5% spec @44		
BG11-113	22.00	23.30	B30217	1.30	<.03			
BG11-113	23.30	24.80	B30218	1.50	<.03	1" bull q-ank vn w epi both sides@18		
BG11-113	24.80	26.10	B30219	1.30	<.03	0.1m epi-ser @47 w 10% cse d py		
BG11-113	26.10	26.80	B30220	0.70	0.137	1/2" 70% cse py vn assd w epi@76		
BG11-113	26.80	28.05	B30222	1.25	<.03			
BG11-113	28.05	29.25	B30223	1.20	<.03	0.15m epi-ank vn vuggy @27 imm foll by 20% cse d py in ser-epi-ank@10-27		
BG11-113	29.25	30.40	B30224	1.15	0.274	bull qtz in ank-20% leuco-spec alt'n w 10-15% cse d py locy conc-all@10-27		
BG11-113	30.40	31.10	B30225	0.70	<.03			
BG11-113	31.10	32.20	B30226	1.10	0.411	1/8"+3/4" 60% cse py vn's@44		
BG11-113	32.20	32.80	B30227	0.60	<.03	3/4" 50% cse py vn assd w ank-leuco@47 w ser'n		
BG11-113	32.80	33.90	B30228	1.10	<.03	0.1m hily bl'd+sil'd@53 w wt-gy qtz frag's+15% cse d py		
BG11-113	33.90	35.00	B30229	1.10	<.03			
BG11-113	35.00	35.75	B30230	0.75	<.03	ct imm prec by 1" 10% leuco		
BG11-113	35.75	37.05	B30231	1.30	<.03	0.4m ser-chl shr'd?@75		
BG11-113	37.05	38.00	B30232	0.95	<.03	0.3m mody sil'd wy ser-chl shr'd?@75 imm prec by slip		
BG11-113	38.00	39.40	B30233	1.40	<.03			
BG11-113	39.40	40.90	B30234	1.50	<.03			
BG11-113	40.90	42.45	B30235	1.55	<.03			
BG11-113	42.45	43.90	B30236	1.45	<.03			
BG11-113	43.90	45.00	B30237	1.10	<.03			
BG11-113	45.00	46.50	B30238	1.50	<.03			
BG11-113	46.50	48.00	B30239	1.50	<.03			
BG11-113	48.00	48.90	B30240	0.90	<.03			
BG11-113	48.90	49.50	B30241	0.60	0.137	1" dk gy chl-sil vn assd w epi@45 w 5% spec+20% cse d py		
BG11-113	49.50	50.45	B30242	0.95	0.480	hily alt'd w 20% leuco+ 10% q-ank+2*1" 80% cse py vn's+1/2" dk gy qv w 20% cse d py-all imm pprec by flt w at least 1/8" gouge-all@42-52		
BG11-113	50.45	51.00	B30244	0.55	0.274	first 0.2m w 2* 1/2" 70% cse py vn's in 20% leuco@40		
BG11-113	51.00	51.75	B30245	0.75	<.03	2% epi w assd 3% cse d py gen@35 but in stockwork		
BG11-113	51.75	52.45	**B30271**	0.70	<.03	2% epi w assd 3% cse d py gen@35 but in stockwork		
BG11-113	52.45	53.70	B30246	1.25	<.03	2% epi w assd 3% cse d py gen@35 but in stockwork		
BG11-113	53.70	54.95	B30247	1.25	<.03	2% epi w assd 3% cse d py gen@35 but in stockwork		
BG11-113	54.95	56.45	B30248	1.50	<.03	2% epi w assd 3% cse d py gen@35 but in stockwork		
BG11-113	56.45	57.80	B30249	1.35	0.343	2% epi w assd 3% cse d py gen@35 but in stockwork		
BG11-113	57.80	59.05	B30250	1.25	<.03	2% epi w assd 3% cse d py gen@35 but in stockwork		
BG11-113	59.05	60.40	B30251	1.35	<.03	2% epi w assd 3% cse d py gen@35 but in stockwork		
BG11-113	60.40	61.25	B30252	0.85	<.03	2% epi w assd 3% cse d py gen@35 but in stockwork; 0.6m 20% leuco+0.2m carb-ank-chl@35 w 3% cse d py		
BG11-113	61.25	62.30	B30253	1.05	<.03	2% epi w assd 3% cse d py gen@35 but in stockwork; 0.05m 20% leuco+10% cse d py@38		
BG11-113	62.30	63.80	B30254	1.50	<.03	2% epi w assd 3% cse d py gen@35 but in stockwork		
BG11-113	63.80	65.25	B30255	1.45	<.03	2% epi w assd 3% cse d py gen@35 but in stockwork		

Hole_ID	From	To	Sample_#	Length	Au ppm	Description	Au ppm_ck	Au ppm-ck2
BG11-113	65.25	66.55	B30256	1.30	<.03	2% epi w assd 3% cse d py gen@35 but in stockwork		
BG11-113	66.55	67.20	B30257	0.65	0.137	2% epi w assd 3% cse d py gen@35 but in stockwork; 0.2m 20% leuco+15% cse d py+20% wt qtz+flt@62		
BG11-113	67.20	68.10	B30258	0.90	<.03	2% epi w assd 3% cse d py gen@35 but in stockwork		
BG11-113	68.10	69.00	B30259	0.90	<.03	2% epi w assd 3% cse d py gen@35 but in stockwork; 1/4" 10% cse d py@22		
BG11-113	69.00	69.90	B30260	0.90	<.03	2% epi w assd 3% cse d py gen@35 but in stockwork; 0.05m 20% leuco+15% cse d py@44		
BG11-113	69.90	71.30	B30261	1.40	<.03	2% epi w assd 3% cse d py gen@35 but in stockwork		
BG11-113	71.30	72.00	B30262	0.70	<.03	2% epi w assd 3% cse d py gen@35 but in stockwork; 0.1m med gy chty vn@57 w 3% cse d py		
BG11-113	72.00	73.35	B30263	1.35	<.03	2% epi w assd 3% cse d py gen@35 but in stockwork		
BG11-113	73.35	75.00	B30264	1.65	<.03	2% epi w assd 3% cse d py gen@35 but in stockwork		
BG11-113	75.00	76.10	B30265	1.10	<.03	2% epi w assd 3% cse d py gen@35 but in stockwork		
BG11-113	76.10	76.70	B30266	0.60	<.03	2% epi w assd 3% cse d py gen@35 but in stockwork		
BG11-113	76.70	78.00	B30267	1.30	<.03	2% epi w assd 3% cse d py gen@35 but in stockwork		
BG11-113	78.00	79.60	B30268	1.60	0.069	2% epi w assd 3% cse d py gen@35 but in stockwork		
BG11-113	79.60	81.00	B30269	1.40	<.03	2% epi w assd 3% cse d py gen@35 but in stockwork		
BG11-113A	12.60	14.00	C0191	1.40	0.549			
BG11-113A	14.00	14.80	C0192	0.80	0.549	at least 1" BC w 15% leuco+1/4" bull wilk wt qv@50-1% cse d py; 0.1m q-ank-epi vn@32 w 10% cse d py+1% cp+5% moly/spec imm foll by 0.15m 10% cse py vn's@130		
BG11-113A	14.80	15.80	C0193	1.00	0.343			
BG11-113A	15.80	16.50	C0194	0.70	<.03	1" epi vn w 10% cse d py@48		
BG11-113A	16.50	18.30	C0196	1.80	<.03			
BG11-113A	18.30	19.35	C0197	1.05	<.03	0.2m epi vn centred on bull 1/4" dull wt qv@57		
BG11-113A	19.35	20.05	C0198	0.70	0.069			
BG11-113A	20.05	20.75	C0199	0.70	3.532	0.2m hily sil'd+bl'd w 20% leuco+35% cse d +vn py @46 imm foll by 0.5m 15% leuco	3.017	4.046
BG11-113A	20.75	21.50	C0201	0.75	2.366	starts w o.2m of the 0.5m leuco	1.440	3.291
BG11-113A	21.50	22.50	C0202	1.00	<.03			
BG11-113A	22.50	23.70	C0203	1.20	0.206			
BG11-113A	23.70	24.80	C0204	1.10	<.03			
BG11-113A	24.80	26.00	C0205	1.20	0.480	more gabbroic		
BG11-113A	26.00	27.00	C0206	1.00	0.069	1/4" epi vn w 5% cse d py@42		
BG11-113A	27.00	27.80	C0207	0.80	<.03	0.1m 20% leuco+20% epi+10% cse d py@55		
BG11-113A	27.80	28.75	C0208	0.95	0.617	0.1m hily sil'd+ bl'd+10% leuco+30% cse d py@59; 2* 1" 30% epi+5% cse d py@120		
BG11-113A	28.75	29.50	C0209	0.75	0.137	0.2m in BC w 1/2"+1.5" 90% cse py vn's@49		
BG11-113A	29.50	30.60	C0211	1.10	<.03			
BG11-113A	30.60	31.70	C0212	1.10	<.03			
BG11-113A	31.70	32.80	C0213	1.10	0.137	8% epi vn's to 1" w 3% cse d py		
BG11-113A	32.80	34.10	C0214	1.30	<.03			
BG11-113A	34.10	35.40	C0215	1.30	<.03	1/8" med gy qv @36 w 12% cse d py assd w epi-not impressive		
BG11-113A	35.40	36.75	C0216	1.35	0.069	1" q-carb slip; inc'g bl'd downhole		
BG11-113A	36.75	38.00	C0217	1.25	<.03			
BG11-113A	49.50	50.80	C0218	1.30	0.069	ct		
BG11-113A	52.40	53.50	C0219	1.10	0.069	flt-inliers		
BG11-113A	53.50	54.40	C0221	0.90	<.03			
BG11-113A	54.40	55.25	C0222	0.85	0.069	1/4" chl myl/vn w 50% cse/fine d py in 0.1m hily bl'd w 20% leuco+w 1/2" carb vn		
BG11-113A	55.25	56.35	C0223	1.10	<.03			
BG11-113A	56.35	57.30	C0224	0.95	<.03	0.05m+3/4" carb-epi-ser-py vn's w 60% cse py vn's to 1/4"50+28 -offset 0.1m by 1/4" q-dolo vn@155		
BG11-113A	57.30	58.25	C0225	0.95	<.03			
BG11-113A	58.25	59.20	C0226	0.95	<.03			
BG11-113A	59.20	60.00	C0227	0.80	<.03			
BG11-113A	60.00	60.90	C0228	0.90	<.03	15% leuco@41cut by 1/2" epi+4% cse d py@15		
BG11-113A	60.90	61.90	C0229	1.00	<.03			
BG11-113A	61.90	63.00	C0230	1.10	<.03	1/4" q-ank vn assd w epi@5 w 5% cse d py		

Hole_ID	From	To	Sample_#	Length	Au ppm	Description	Au ppm_ck	Au ppm-ck2
BG11-113A	63.00	64.10	C0231	1.10	0.069	15% leuco; 0.1m pa gy qtz@72+32 w 20% cse d+bleb py		
BG11-113A	64.10	65.10	C0233	1.00	<.03	20% sample w 10% leuco		
BG11-113A	65.10	66.40	C0234	1.30	<.03			
BG11-113A	66.40	67.05	C0235	0.65	<.03			
BG11-113A	67.05	67.70	C0236	0.65	<.03	3/4" pa gy q-ank assd w epi@38 w 15% cse d py		
BG11-113A	67.70	68.55	C0237	0.85	<.03			
BG11-113A	68.55	69.15	C0238	0.60	0.137	70% sample w 15% leuco w 0.1m mody sil'd+bl'd w 25% cse d py@45		
BG11-113A	69.15	70.60	C0239	1.45	<.03			
BG11-113A	70.60	72.00	C0240	1.40	<.03			
BG11-114	18.20	18.80	C0164	0.60	<.03	BC; 5% cse d py on chl fract @10		
BG11-114	18.80	19.60	C0165	0.80	0.343	3* 1/8"-1/2" epi-chl vn's w 15% cse d py@21 on slips		
BG11-114	19.60	21.00	C0166	1.40	0.823			
BG11-114	21.00	21.75	C0167	0.75	<.03	1" wy sil'd w 5% leuco@50 w 5% cse d py		
BG11-114	21.75	22.75	C0168	1.00	1.166	0.2m 15% epi+15% leuco+wy bl'd w 5% cse d py@27 imm foll by ct	1.097	1.234
BG11-114	22.75	23.30	C0169	0.55	<.03			
BG11-114	23.30	24.60	C0170	1.30	0.343			
BG11-114	24.60	25.20	C0172	0.60	<.03			
BG11-114	25.20	26.10	C0173	0.90	0.343	1" bull qv@45 w 5% cp in blebs; ct imm foll by 2* 0.1m hily bl'd+sil'd 15% leuco+20% cse d py@48; 15% leuco therwise+10% q-ank-carb		
BG11-114	**26.10**	**26.85**	**C0175**	**0.75**	**0.823**	**15% leuco; 10% cse d py; 5% q-ank-carb**		
BG11-114	26.85	27.45	C0176	0.60	1.166	15% leuco; 10% cse d py; 1/2" 30% cse py vn@29 centred on 1/8" q-ank vn	1.234	1.097
BG11-114	27.45	28.30	C0177	0.85	3.600	3* 3/4" -1" 70-80% cse py vn's on slips@21-23 (#20 VN SPLAY?)	3.017	4.183
BG11-114	28.30	29.40	C0178	1.10	<.03			
BG11-114	30.00	31.50	C0179	1.50	<.03			
BG11-114	31.50	33.00	C0180	1.50	<.03			
BG11-114	33.00	34.50	C0181	1.50	<.03			
BG11-114	34.50	36.00	C0182	1.50	<.03			
BG11-114	36.00	37.50	C0183	1.50	<.03			
BG11-114	37.50	39.00	C0184	1.50	<.03			
BG11-114	39.00	39.90	C0185	0.90	<.03			
BG11-114	39.90	40.75	C0186	0.85	1.577	ct imm foll by 0.2m hily bl'd+sil'd w 20% leuco+30% cse d py@25; another 0.25m same@35	1.714	1.44
BG11-114	**40.75**	**41.45**	**C0187**	**0.70**	**0.754**	**0.05m 15% leuco**		
BG11-114	41.45	42.25	C0188	0.80	0.274	0.1m hily sil'd w 10% cse d py+1/4" pa gy qv w 3% cse d py+1/2" 90% cse py myl vn@46		
BG11-114	42.25	43.35	C0189	1.10	2.538	wy sil'd+bl'd+20% leuco+15% cse d py+2* 0.1m 40% cse d py+hily sil'd@50+56-one imm prec by 1/2" 40% cp vn	2.469	2.606
BG11-114	43.35	45.00	C0190	1.65	<.03			
BG11-114A	21.20	21.70	C0241	0.50	<.03			
BG11-114A	21.90	22.40	C0242	0.50	<.03			
BG11-114A	22.70	24.00	C0243	1.30	<.03			
BG11-114A	24.00	25.30	C0244	1.30	<.03			
BG11-114A	25.30	26.80	C0246	1.50	<.03			
BG11-114A	26.80	27.80	C0247	1.00	<.03	bl'd locy		
BG11-114A	27.80	28.60	C0248	0.80	<.03	bl'd locy		
BG11-114A	28.60	29.70	C0249	1.10	<.03			
BG11-114A	29.70	31.10	C0250	1.40	<.03			
BG11-114A	31.10	32.10	C0251	1.00	<.03			
BG11-114A	32.10	33.30	C0252	1.20	<.03			
BG11-114A	33.30	34.20	C0253	0.90	<.03			
BG11-114A	34.20	34.80	C0254	0.60	1.337	BC w wy sil'd+bl'd+10% leuco+5-8% cse d py; 1/2" ox'd rust vn is 80% 1/2" cse py vn@28	1.371	1.303
BG11-114A	34.80	35.55	C0255	0.75	0.411	5% epi+5% cse d py		

Hole_ID	From	To	Sample_#	Length	Au ppm	Description	Au ppm_ck	Au ppm-ck2
BG11-114A	**35.55**	**36.60**	**C0256**	**1.05**	**12.206**	**flt w thin clay gouge brings in 10% epi+10% leuco+10% cse d py imm foll by 0.15m epi-q-ank-ser vn w 25% cse d py+5% brick red mineral (k-spar?)-all@35 imm foll by 5% epi+5% cse d py; #20 vn?**	**11.177**	**13.234**
BG11-114A	36.60	37.35	C0258	0.75	2.331	wy sil'd+15% leuco+10% epi+8% cse d py	2.331	2.331
BG11-114A	37.35	37.95	C0259	0.60	1.200	0.2m wy bl'd+sil'd w 25% epi+20% cse d py@54	1.303	1.097
BG11-114A	37.95	39.00	C0260	1.05	0.137	5% q-ank; freshening		
BG11-115	17.90	18.60	C0261	0.70	0.411	1" hily sil'd+bl'd+15% cse d py@53		
BG11-115	18.60	19.30	C0262	0.70	4.629	0.15m hily bl'd+sil'd w 20% leuco+30% cse d py+2* 1/2" 80% cse py vn's-all@68; #20 vn?	3.84	5.417
BG11-115	19.30	19.90	C0264	0.60	<.03	first 0.2m rubble-GC posy gravel; 3/4" milk wt qv w ser-epi+2% spec+2% cse d py+1% cp@55-then GC		
BG11-115	19.90	21.00	C0265	1.10	<.03			
BG11-115	21.00	22.00	C0266	1.00	<.03			
BG11-115	22.00	22.80	C0267	0.80	<.03	1/4"-1" pa gy qv w 10% cse d py@52+20% dk gy patches; 1/2" bull qv assd w 0.1m epi@160		
BG11-115	22.80	23.80	C0268	1.00	<.03	1/4" bull wt qv @70		
BG11-115	23.80	24.90	C0269	1.10	<.03			
BG11-115	24.90	25.80	C0271	0.90	<.03			
BG11-115	25.80	26.70	C0272	0.90	<.03			
BG11-115	26.70	27.80	C0273	1.10	<.03			
BG11-115	27.80	28.60	C0274	0.80	<.03			
BG11-115	28.60	29.30	C0275	0.70	<.03	BC; bl'd-on chl fract's@25		
BG11-115	29.30	30.40	C0276	1.10	<.03			
BG11-115	30.40	31.70	C0277	1.30	<.03			
BG11-115	31.70	32.20	C0278	0.50	<.03	shr-some carb+ser-no py-pheno's shr'd out		
BG11-115	32.20	33.60	C0279	1.40	<.03			
BG11-115	33.60	34.50	C0280	0.90	<.03	hily bl'd; 10% carb-ank@60		
BG11-115	34.50	35.10	C0281	0.60	0.137	flt ct in 0.05m BC imm foll by 1" 10% leuco+3% cse d py		
BG11-115	35.10	36.20	C0282	1.10	0.069			
BG11-115	36.20	37.30	C0283	1.10	0.069	10% carb-ank+5% cse d py@75		
BG11-115	37.30	38.20	C0284	0.90	<.03	0.1m 70% cse py vn@70+2*1/2" wt q-ank-all imm foll by chl flt		
BG11-115	38.20	38.70	C0286	0.50	0.206	0.2m 15% leuco+mody sil'd+bl'd@26 w 35% cse d py		
BG11-115	38.70	39.60	C0287	0.90	<.03	0.1m pa gy qv w 10-15% cse d py@55 imm prec by slip		
BG11-115	39.60	40.70	C0288	1.10	0.137			
BG11-115	40.70	41.20	C0289	0.50	0.069			
BG11-115	41.20	42.10	C0290	0.90	0.411	2* 0.15m hily bl'd, wy sil'd w 20% leuco+8% cse d py@53		
BG11-115	42.10	43.60	C0291	1.50	0.274			
BG11-115	43.60	45.00	C0292	1.40	<.03			
BG11-115	45.00	46.50	C0293	1.50	<.03			
BG11-115	46.50	47.80	C0294	1.30	<.03	first 0.4m 20% leuco+20% carb-ank		
BG11-115	47.80	48.50	C0295	0.70	<.03	1" wt-pa gy qv w 5-8% cse d py@50+3% spec		
BG11-115	48.50	49.50	C0297	1.00	<.03			
BG11-115	49.50	50.45	C0298	0.95	<.03	2* 0.1m 15% leuco@67+80		
BG11-115	50.45	51.80	C0299	1.35	<.03	2* 1" bull q-ank-carb vn's w 1% cp@50		
BG11-115	51.80	53.25	C0300	1.45	<.03			
BG11-115	53.25	54.55	C0301	1.30	<.03			
BG11-115	54.55	55.95	C0302	1.40	<.03			
BG11-115	55.95	57.30	C0303	1.35	<.03			
BG11-115	57.30	58.15	C0304	0.85	0.206	50% sample w 15% leuco; 0.05m q-carb@35 w 3% cse d py		
BG11-115	58.15	59.10	C0305	0.95	0.206	0.1m 15% leuco		
BG11-115	59.10	60.20	C0306	1.10	0.069			
BG11-115	60.20	61.40	C0307	1.20	0.343	1" q-carb vn assd w ser-epi@30		
BG11-115	61.40	62.25	C0308	0.85	3.669	flt w moly imm foll by 1" 70% cse py vn+dk gy qtz imm foll by 0.4m 20% leuco, wy bl'd+sil'd w 10% cse d py	3.154	4.183
BG11-115	62.25	63.00	C0310	0.75	1.234	50% sample w 15% leuco;@35 w 3% cse d py	1.371	1.097

Hole_ID	From	To	Sample_#	Length	Au ppm	Description	Au ppm_ck	Au ppm-ck2
BG11-115	63.00	63.65	C0311	0.65	1.337	1/2" med gy qv w 10% cse d py+5% speck@85	1.234	1.440
BG11-115	63.65	64.90	C0312	1.25	1.475	peak alt'n; 20% leuco; 30% epi-ser; 10-15% cse d py; mody bl'd+wy sil'd; all@43	1.646	1.303
BG11-115	**64.90**	**66.00**	**C0313**	**1.10**	**0.617**	**0.1m 15% leuco**		
BG11-115	66.00	66.70	C0314	0.70	1.612	0.15m 20% leuco in mody bl'd+sil'd w 15% cse d py@75	1.646	1.577
BG11-115	**66.70**	**67.75**	**C0315**	**1.05**	**0.617**	**3* 1/2" 20% leuco**		
BG11-115	67.75	69.00	C0316	1.25	<.03			
BG11-115	**69.00**	**70.20**	**C0317**	**1.20**	**0.617**	**0.1m+0.15m 20% leuco+30% epi-ser+5% cse d py@70**		
BG11-115	70.20	71.35	C0318	1.15	1.063	4* 1/4" 80% cse py vn's@57-80	1.166	0.96
BG11-115	**71.35**	**72.20**	**C0319**	**0.85**	**0.823**	**0.4m 20% leuco+5-10% cse d py53+w 20% epi-ser**		
BG11-115	72.20	73.55	C0320	1.35	2.675	20% leuco; wy-mody sil'd+bl'd w 8-12% cse d py@70; 1/8" dk gy qv@70 w 3% cse d py	2.469	2.880
BG11-115	73.55	74.70	C0321	1.15	1.200	50% sample w 15% leuco;@65 w 3% cse d py+ w 20% epi fract's	1.234	1.166
BG11-115	74.70	75.70	C0322	1.00	2.880	50% sample w 15% leuco;@65 w 3% cse d py+ w 20% epi fract's	2.674	3.086
BG11-115	75.70	76.50	C0323	0.80	2.709	50% sample w 15% leuco;@65 w 3% cse d py+ w 20% epi fract's; mody bl'd; 1/2" 70% cse py vn@70	2.674	2.743
BG11-115	76.50	77.65	C0324	1.15	1.132		1.234	1.029
BG11-115	**77.65**	**78.65**	**C0325**	**1.00**	**5.075**	**30% sample w 15% leuco;@65 w 5% cse d py; mody bl'd; 1/2" 70% cse py vn@48**	**5.006**	**5.143**
BG11-115	78.65	79.40	C0326	0.75	1.063	5% 30% cse py vn's@70	1.097	1.029
BG11-115	**79.40**	**80.30**	**C0327**	**0.90**	**7.406**	**5* 1/4" 70% cse py vn's@76; 20% sample w 20% leuco**	**7.131**	**7.680**
BG11-115	80.30	81.45	C0328	1.15	2.434	0.1m 20% leuco@70 w 5% cse d py	2.811	2.057
BG11-115	**81.45**	**82.30**	**C0329**	**0.85**	**5.589**	**hily bl'd+sil'd; peak alt'n; bu-br; 20% leuco; 20% cse d py; ends on 0.1m med gy qv w 20% cse d py-all@60**	**5.897**	**5.280**
BG11-115	82.30	83.00	C0331	0.70	1.063	30%sample w 15% leuco	1.166	0.96
BG11-115	83.00	84.45	C0332	1.45	<.03			
BG11-115	84.45	85.30	C0333	0.85	<.03	0.15m 15% leuco@75 w up to 3/4" q-ank vn's		
BG11-115	85.30	86.80	C0335	1.50	<.03			
BG11-115	86.80	88.00	C0336	1.20	<.03			
BG11-115	88.00	88.70	C0337	0.70	0.274	0.2m 60% epi w 0.05m 35% dk gy q str's w 20% cse d py- all@71		
BG11-115	88.70	89.35	C0338	0.65	0.480	3/4" 50% cse py vn+myl? @75		
BG11-115	89.35	90.95	C0339	1.60	<.03	3* 1/8" epi vn's w 5% cse d py@44		
BG11-115	90.95	92.45	C0340	1.50	<.03			
BG11-115	92.45	93.15	C0341	0.70	0.206	0.15m 40% epi-ser-leuco centred on 1" q-carb+50% cse py vn@85		
BG11-115	93.15	94.50	C0342	1.35	<.03			
BG11-115	94.50	96.00	C0343	1.50	0.206	1" 30% cse py vn@22		
BG11-115	96.00	97.30	C0344	1.30	0.274			
BG11-115	97.30	98.45	C0345	1.15	<.03			
BG11-115	**98.45**	**99.30**	**C0346**	**0.85**	**0.686**	**20% leuco+3% cse d py@34;**		
BG11-115	99.30	100.65	C0347	1.35	1.715	20% leuco+3% cse d py@34; 1" hily sil'd+bl'd w 50% cse d py@42; ends in 0.05m rubble, then void	1.920	1.509
BG11-115	101.30	102.00	C0348	0.70	0.411	20% leuco+3% cse d py@34; void then stars w 1" q-carb vn@35		
BG11-115	102.00	103.20	C0349	1.20	1.715	20% leuco+3% cse d py@34; 0.2m+ 0.05m v hily sil'd+bl'd mauve, wy shr'd@37 w 15% cse d py	1.783	1.646
BG11-115	103.20	104.30	C0350	1.10	1.646	peak alt'n; v hily sil'd mauve @43 w 25-35% cse d py	1.714	1.577
BG11-115	104.30	105.40	C0352	1.10	1.817	20% leuco+3% cse d py@34; last 0.2m v hily sil'd+bl'd mauve, wy shr'd@37 w 15% cse d py	1.851	1.783
BG11-115	105.40	106.35	C0353	0.95	1.646	flt in 0.2m q-ank bull vn imm prec by chl shr; imm foll by 20% leuco+3% cse d py@34	1.783	1.509
BG11-115	106.35	107.05	C0354	0.70	<.03	first 0.2m w 20% leuco+3% cse d py@34 ends on flt w 1/2" q-ank vn+8% cse d py		
BG11-115	107.05	108.15	C0355	1.10	0.069			
BG11-115	108.15	108.90	C0356	0.75	3.155	0.3m 20% leuco+hily bl'd+sil'd w 20% cse d py centred on 0.1m strong med gy qv w 10% cse d py-all@58	3.223	3.086
BG11-115	108.90	109.70	C0358	0.80	0.206			
BG11-115	109.70	110.50	C0360	0.80	<.03			
BG11-115	110.50	111.65	C0361	1.15	0.686			
BG11-115	111.65	112.50	C0362	0.85	0.823	1" sil'd w 20% epi+10% cse d py imm prec by 0.2m 10% leuco-all@58		
BG11-115	112.50	113.25	C0363	0.75	1.372	0.1m mody bl'd+sil'd w 10% leuco+10% cse d py43	1.440	1.303
BG11-115	113.25	114.65	C0364	1.40	<.03			
BG11-115	114.65	115.90	C0365	1.25	<.03			

Hole_ID	From	To	Sample_#	Length	Au ppm	Description	Au ppm_ck	Au ppm-ck2
BG11-115	115.90	117.00	**C0398**	1.10	<.03	1/2" bull milk wt qv@52		
BG11-115	117.00	118.50	C0366	1.50	<.03			
BG11-115	118.50	119.30	C0367	0.80	0.069	2* 1/8"-1/4" 70% cse py vn's assd w 1" epi@72+23		
BG11-115	119.30	121.00	C0368	1.70	<.03			
BG11-115	121.00	122.65	C0369	1.65	<.03			
BG11-115	122.65	124.10	C0370	1.45	<.03			
BG11-115	124.10	125.05	C0371	0.95	<.03			
BG11-115	125.05	126.00	C0372	0.95	0.069			
BG11-115	126.00	126.90	C0373	0.90	2.606	0.7m hily bl'd, mody sil'd w 20% leuco+10% epi-ser@34-36 centred on 0.15m dk gy chl-sil qv that folds after crossing core; 20% cse d py throughout; well min'd	2.606	2.606
BG11-115	126.90	127.50	C0375	0.60	<.03			
BG11-115	127.50	129.00	C0376	1.50	<.03	1/2" q-ank vn w 5% cp@35		
BG11-115	129.00	130.40	C0377	1.40	<.03	1/4" 80% cse py vn@36 imm prec by 1" epi		
BG11-115	130.40	131.20	C0378	0.80	<.03			
BG11-115	131.20	131.90	C0379	0.70	<.03			
BG11-115	131.90	132.95	C0380	1.05	4.286	0.4m hily bl'd, mody sil'd w 20% leuco+wy hem'd@43 that folds after crossing core; 40% cse d py throughout;	4.114	4.457
BG11-115	132.95	134.00	C0381	1.05	<.03			
BG11-115	134.00	135.00	C0383	1.00	<.03	q-ank vn w 20% chl'd ang wall frag's+2% cp@8		
BG11-115	135.00	136.00	C0384	1.00	0.274	q-ank vn w 20% chl'd ang wall frag's+6% cp bellies over 0.15m does not cut core; 0.25m hily bl'd, mody sil'd w 20% leuco@65 centred on 3/4" med gy qv w 10% cse d py through both		
BG11-115	136.00	136.75	C0385	0.75	<.03	q-ank vn w 20% chl'd ang wall frag's+2% cp@8		
BG11-115	136.75	137.60	C0386	0.85	<.03	q-ank vn w 20% chl'd ang wall frag's+2% cp@8		
BG11-115	137.60	138.55	C0387	0.95	<.03	q-ank vn w 20% chl'd ang wall frag's+6% cp bellies over 0.15m does not cut core-then comes back over 0.25m @15;		
BG11-115	138.55	139.70	C0388	1.15	<.03	1/8" 50% cse py vn assd w 1/4" epi+disc 1/8" med gy qv@48		
BG11-115	139.70	141.00	C0389	1.30	<.03			
BG11-115	141.00	142.50	C0390	1.50	<.03			
BG11-115	142.50	143.20	C0391	0.70	4.320	0.2m hily bl'd, mody sil'd w 20% leuco+wy hem'd@27; 30% cse d py throughout;	4.320	4.320
BG11-115	143.20	144.40	C0392	1.20	<.03			
BG11-115	144.40	145.55	C0393	1.15	1.303	0.05m+0.1m bl'd+sil'd w 10% leuco+10% cse d py@73+50-one w 1/4" med gy qv w 5% cse d py	1.097	1.509
BG11-115	145.55	146.30	C0394	0.75	<.03			
BG11-115	146.30	147.05	C0395	0.75	<.03	1/2" chl-sil vn assd w 1/2" epi w 20% cse d py@54-posy on healed flt		
BG11-115	147.05	148.60	C0396	1.55	<.03			
BG11-115	148.60	150.00	C0397	1.40	0.069			
BG11-115	150.00	151.40	C0399	1.40	1.509		1.646	1.371
BG11-115	151.40	152.80	C0400	1.40	<.03	1/8" 20% cse py vn assd w 1" epi@43		
BG11-115	152.80	154.20	C0401	1.40	<.03			
BG11-115	154.20	155.40	C0402	1.20	<.03	0.15m 80% epi@36		
BG11-115	155.40	156.50	C0403	1.10	<.03	flt imm prec by 0.2m BC w 1/8"vuggy bull q-spec vn@10; 2* 1/8" 50% cse py vn's assd w 1/2" epi@67		
BG11-115	156.50	158.05	C0404	1.55	<.03	5* 1/8" 40% cse py vn's@45-110		
BG11-115	158.05	159.50	C0405	1.45	<.03			
BG11-115	159.50	160.50	C0407	1.00	<.03			
BG11-115	160.50	161.25	C0408	0.75	0.480	blk fg v hily mag; 1/8" 50% cse py vn@70		
BG11-115	161.25	162.25	C0409	1.00	2.195	flt in BC posy w gouge imm prec by 1" dk gy chl-sil qv w 30% cse d py+5% cp imm prec by 1" pk-milk wt bull qv@79; next flt imm prec by 1/2" pk-wt qv w 3% cse d py imm foll by 0.2m posy sy dyke or hily hem'd brick red w 15% cse d py	2.126	2.263
BG11-115	162.25	163.20	C0411	0.95	<.03			
BG11-115	163.20	164.55	C0412	1.35	0.617	1/2" bull wt qv+ 1" epi+ 1/2" disc chl-sil w 20% cse d py@66		
BG11-115	178.00	179.50	C0413	1.50	<.03	2% leuco; mag wy coming back; 5% 1/2" q-ank vn's@70		
BG11-115	190.50	191.40	C0414	0.90	0.137	1" hem'd w 5-6% cse d py imm prec by 1" bull wt qv-all@66		
BG11-115	193.60	194.65	C0415	1.05	<.03	0.1m mody bl'd @72		
BG11-115	194.65	195.50	C0416	0.85	0.137	flt imm foll by 0.4m hily bl'd w rare cse d py-imm prec by 0.1m sil med gy w 5-8% cse d py@35		

Hole_ID	From	To	Sample_#	Length	Au ppm	Description	Au ppm_ck	Au ppm-ck2
BG11-115	195.50	196.20	C0417	0.70	<.03	locy wy bl'd@44		
BG11-115	196.20	196.95	C0418	0.75	<.03	1/4" hem'd wy imm foll by 1/4" med gy qv w 3% cse d py@55		
BG11-116	**19.30**	**19.90**	**B30272**	**0.60**	**9.532**	**first 0.2m BC w at least 0.05m (incl. 1" solid core) 40% cse d py+1/4" 80% cse py vn+25% 1/4" dk gy qv's all@56 imm foll by 0.1m 20% leuco w 10% cse d py**	**9.257**	**9.806**
BG11-116	19.90	20.95	B30273	1.05	0.206			
BG11-116	20.95	21.90	B30274	0.95	<.03	first 0.1m BC w 1/2" wt qv-bull-@55		
BG11-116	21.90	23.15	B30275	1.25	<.03	slip		
BG11-116	33.00	33.75	B30276	0.75	<.03			
BG11-116	33.75	34.70	B30277	0.95	<.03			
BG11-116	34.70	35.60	B30278	0.90	0.549			
BG11-116	35.60	36.50	B30279	0.90	1.509	0.1m br-red wy hem'd wy sil'd w 20% leuco+8-12% cse d py imm foll by 0.3m q-ank-epi-leuco zone w 3% cse d py@52	1.714	1.303
BG11-116	36.50	37.50	B30280	1.00	0.137	0.1m 15% leuco@56 imm foll by 1/2" q-ank vn w 3% cse d py		
BG11-116	37.50	38.50	B30281	1.00	<.03			
BG11-116	38.50	39.45	B30282	0.95	0.754	flt imm prec by 0.1m 20% leuco+30% cse d py in mody sil'd-imm foll by 0.5m 10% leuco+8-15% cse d py locy conc		
BG11-116	39.45	40.40	B30283	0.95	<.03	1/4" dull wt qv w 10% cse d py@5is x-cut +truncated by later 1/4" epi-qtz vn w no py@2		
BG11-116	40.40	41.60	B30284	1.20	<.03			
BG11-116	41.60	42.60	B30285	1.00	<.03			
BG11-116	42.60	43.70	B30286	1.10	<.03			
BG11-116	43.70	44.75	B30287	1.05	<.03	0.7m 10% leuco w 10% carb-ank		
BG11-116	44.75	45.80	B30288	1.05	0.617			
BG11-116	45.80	46.60	B30289	0.80	0.686	1" wt qv w 10% cse d py in 0.2m 20% leuco w borders of 1/2" 40-60% cse d py@46-well min'd		
BG11-116	46.60	47.55	B30291	0.95	0.274			
BG11-116	47.55	48.65	B30292	1.10	<.03	1" 60% cse py vn w 1/8" dk gy qv imm prec by 0.15m w 20% wt qv's+30% cse d py@59		
BG11-116	48.65	49.80	B30294	1.15	<.03			
BG11-116	49.80	51.00	B30295	1.20	<.03			
BG11-116	51.00	52.50	B30296	1.50	<.03			
BG11-116	52.50	54.00	B30297	1.50	<.03			
BG11-116	54.00	55.60	B30298	1.60	<.03			
BG11-116	55.60	57.10	B30299	1.50	<.03			
BG11-116	57.10	58.60	B30300	1.50	<.03			
BG11-116	58.60	59.25	B30301	0.65	<.03	0.1m 20% epi centred on 2* 1/2" wt qv's@35 w 2% f d py		
BG11-116	59.25	60.50	B30302	1.25	<.03	0.1m w q-ank vn not crossing core-@1		
BG11-116	60.50	61.85	B30303	1.35	<.03			
BG11-116	61.85	63.00	B30304	1.15	2.743	15% leuco+10%epi ends on 0.2m 60% cse py vn@54; 5% carb-ank	2.811	2.674
BG11-116	63.00	64.05	B30305	1.05	1.578	0.3m 50% cse d py@63 assd w 20% epi+10% leuco	1.646	1.509
BG11-116	64.05	65.20	B30306	1.15	1.406		1.577	1.234
BG11-116	65.20	66.40	B30307	1.20	1.303	0.3m 20% cse d py@54 assd w 10% epi+20% leuco; mauve hue; 10% bull carb-ank-qtz vn's	1.371	1.234
BG11-116	66.40	67.40	B30309	1.00	2.057	0.3m 10% cse d py@60 assd w 10% epi+10% leuco	2.263	1.851
BG11-116	67.40	69.00	B30310	1.60	0.206			
BG11-116	69.00	69.80	B30311	0.80	0.343	0.1m 20% leuco+5% cse d py@51 wy hem'd		
BG11-116	69.80	70.85	B30312	1.05	0.617	0.1m w q-ank vn not crossing core-@1		
BG11-116	70.85	71.75	B30313	0.90	3.052	10% leuco; 8% cse d py	2.606	3.497
BG11-116	71.75	72.50	B30314	0.75	2.572	10% leuco; 3% cse d py; 1" 40% cse py vn@58	2.537	2.606
BG11-116	72.50	73.35	B30315	0.85	2.058	20% leuco; 20% hem'd-up to brick red@71; 10% cse d py	2.126	1.989
BG11-116	73.35	74.30	B30316	0.95	1.509	10% leuco; 3% cse d py;	1.440	1.577
BG11-116	74.30	75.30	B30317	1.00	1.749	10% leuco; 3% cse d py;	1.783	1.714
BG11-116	75.30	76.25	B30318	0.95	1.132		1.166	1.097
BG11-116	76.25	77.30	B30319	1.05	2.058	3* 0.1m 15% leuco+10% cse d py@62+120	1.989	2.126
BG11-116	77.30	78.30	B30320	1.00	0.617	3% cse d py assd w epi		
BG11-116	78.30	79.50	B30321	1.20	2.058	3% cse d py assd w epi	2.126	1.989

Hole_ID	From	To	Sample_#	Length	Au ppm	Description	Au ppm_ck	Au ppm-ck2
BG11-116	79.50	80.35	B30322	0.85	0.343			
BG11-116	80.35	81.70	B30323	1.35	0.206			
BG11-116	81.70	83.10	B30324	1.40	0.274			
BG11-116	83.10	84.70	B30326	1.60	0.274			
BG11-116	84.70	85.60	B30327	0.90	1.749	3* 0.1m 15% leuco w 15-20% cse d py@49	2.057	1.440
BG11-116	85.60	86.40	B30328	0.80	0.411			
BG11-116	86.40	87.00	B30329	0.60	3.155	0.1m 10% leuco+10% cse d py @37	2.949	3.360
BG11-116	87.00	88.10	B30330	1.10	1.612	70% sample w 20% leuco+15% cse d py@43+75 w 3/4" wt qv	1.646	1.577
BG11-116	88.10	89.10	B30332	1.00	0.823	15% 5% leuco+5% epi+5% cse d py+5% carb-ank		
BG11-116	89.10	89.70	B30333	0.60	2.434	0.3m 20% cse d py+20% leuco+1" dk gy qv imm prec by 3/4" 70% cse py vn-all@39	2.537	2.331
BG11-116	89.70	90.65	B30334	0.95	2.297	0.3m 20% cse d py+20% leuco+1" dk gy qv -all@67	2.400	2.194
BG11-116	90.65	91.60	B30335	0.95	1.646	60% sample w 20% leuco+15% cse d py@54 w 1/2" discontinuous med gy qv w 5% cse d py	1.646	1.646
BG11-116	91.60	92.35	B30336	0.75	0.549	0.5m 10% cse d py+20% leuco @62		
BG11-116	92.35	93.75	B30337	1.40	<.03			
BG11-116	93.75	95.20	B30338	1.45	0.137			
BG11-116	95.20	96.75	B30339	1.55	<.03	5% leuco+ 5% 1/8"-1/4" magn veins@32		
BG11-116	96.75	97.60	B30340	0.85	0.206	5% leuco +3% cse d py		
BG11-116	97.60	99.10	B30341	1.50	0.137			
BG11-116	99.10	100.30	B30342	1.20	0.137	10-15% leuco+5% pa gy q-ank vn's@46		
BG11-116	100.30	101.30	B30343	1.00	0.411	10-15% leuco+5% pa gy q-ank vn's+2% cse d py@46		
BG11-116	101.30	102.30	B30344	1.00	0.206	10-15% leuco+5% pa gy q-ank vn's+2% cse d py@46; 0.2m q-ank bull vn@26 w 5% cp+2% cse d py		
BG11-116	102.30	103.30	B30345	1.00	<.03	70% sample w 20% leuco+5% cse d py@45 centred on slip		
BG11-116	103.30	104.70	B30346	1.40	<.03	0.2m 10% leuco		
BG11-116	104.70	106.10	B30347	1.40	0.069	1" carb-chl shim could be flt@75		
BG11-116	106.10	107.50	B30348	1.40	<.03			
BG11-116	107.50	108.90	B30349	1.40	<.03	10% epi		
BG11-116	108.90	110.20	B30350	1.30	0.069	5% bull q-ank vn's @45		
BG11-116	110.20	111.00	C0101	0.80	<.03	5% leuco; centred on 1/4" dk gy qv w 10% cse d py@65		
BG11-116	111.00	112.00	C0102	1.00	<.03			
BG11-116	112.00	112.85	C0103	0.85	0.069	0.1m hily bl'd 15% leuco centred on 1/2" 80% cse py vn@78		
BG11-116	112.85	113.70	C0105	0.85	2.297	0.4m hily bl'd, wy sil'd 20% leuco+ 10% epi+25% cse d py @33	2.194	2.400
BG11-116	113.70	114.50	C0107	0.80	4.114	0.4m hily bl'd, wy sil'd 20% leuco+ 10% epi+25% cse d py @33	3.771	4.457
BG11-116	114.50	115.80	C0108	1.30	<.03	2* bull 0.15m cal-qtz vn's@22 w 2% clots cp		
BG11-116	115.80	117.00	C0109	1.20	<.03	2* 1/8" 80% cse py vn's @40		
BG11-116	117.00	118.50	C0110	1.50	<.03			
BG11-116	118.50	119.90	C0111	1.40	<.03			
BG11-116	119.90	120.70	C0112	0.80	<.03			
BG11-116	120.70	121.85	C0113	1.15	2.503	0.1m+0.5m 20% leuco wy sil'd, hily bl'd w wy hem'd+15% cse d py+ 1/2" 70% cse py vn+ 3/4" dk gy chl-sil vn-all@54	2.194	2.811
BG11-116	121.85	123.35	C0114	1.50	<.03			
BG11-116	123.35	124.45	C0115	1.10	1.406	0.1m 30% epi+30% med gy q str's+20% cse d py@57	1.577	1.234
BG11-116	124.45	125.20	C0116	0.75	<.03	1" bull q-ank vn assd w epi+ w 3% bleb cp@40		
BG11-116	125.20	126.00	C0117	0.80	0.891	0.3m 20% epi+10% leuco@37 w 3* 1/8" 50% cse py vn's		
BG11-116	126.00	127.20	C0118	1.20	<.03			
BG11-116	127.20	128.05	C0119	0.85	0.480	0.1m 20% leuco+30% epi+8% cse d py@43		
BG11-116	128.05	129.30	C0120	1.25	0.891			
BG11-116	129.30	130.15	C0121	0.85	2.023	4* 1/8" 70% cse py vn's@47	1.646	2.4
BG11-116	130.15	131.90	C0122	1.75	<.03			
BG11-116	131.90	133.30	C0124	1.40	0.069			
BG11-116	133.30	134.40	C0125	1.10	0.206	3* 0.05-0.1m 20% leuco+20% epi+30% cse d py@55		
BG11-116	134.40	135.80	C0126	1.40	0.206	2* 1/4" 70% cse py vn's@50+80		
BG11-116	135.80	137.50	C0127	1.70	1.715		1.646	1.783

Hole_ID	From	To	Sample_#	Length	Au ppm	Description	Au ppm_ck	Au ppm-ck2
BG11-116	137.50	138.80	C0128	1.30	0.137			
BG11-116	138.80	140.30	C0129	1.50	0.137	3* 1/4"-1/2" 50% cse py vn's@62		
BG11-116	140.30	141.20	C0130	0.90	1.303		1.097	1.509
BG11-116	141.20	142.30	C0131	1.10	0.343	first 0.3m w 30% epi+10% leuco+5% cse d py@37		
BG11-116	142.30	143.10	C0132	0.80	4.217	0.5m 20% leuco+ hily bl'd+ mody sil'd+ser'd+ 3% epi+35% cse d py+2* 3/4" dk gy qv-all@65	4.251	4.183
BG11-116	143.10	143.80	C0134	0.70	0.549	0.1m 20% epi+10% leuco+5% cse d py		
BG11-116	143.80	145.00	C0135	1.20	<.03			
BG11-116	145.00	146.35	C0136	1.35	<.03			
BG11-116	146.35	147.00	C0137	0.65	0.069			
BG11-116	**147.00**	**147.80**	**C0138**	**0.80**	**5.657**	**0.8m 20% leuco+ hily bl'd+ mody sil'd+ser'd+ 3% epi+20% cse d py+3/4" dk gy qv+ 0.05m dull wt qv w 7% cse d py-all@65**	**5.691**	**5.623**
BG11-116	147.80	148.80	C0140	1.00	<.03			
BG11-116	148.80	150.00	C0141	1.20	<.03			
BG11-116	150.00	150.95	C0142	0.95	<.03			
BG11-116	159.30	160.35	C0143	1.05	<.03			
BG11-116	160.35	161.35	C0144	1.00	3.018	0.2m hily bl'd+sil'd w 20% leuco+10% epi-ser+15% cse d py+1/2" wt qv w 5% cse d py+2% spec/moly; imm foll by 5% leuco	2.606	3.429
BG11-116	161.35	162.00	C0146	0.65	<.03			
BG11-116	163.80	164.40	C0147	0.60	0.069	3/4" med gy qv w 3% cse d py+3% cp+3% spec; @42		
BG11-116	166.25	167.00	C0148	0.75	0.206	2* 1/8" pa gy qv's @24 bullish but w 30% epi+5% cse d py between (1")		
BG11-116	182.80	183.40	C0150	0.60	0.069			
BG11-116	183.40	184.20	C0151	0.80	0.069	20% leuco; 2* 1" qv's pa gy @66 w 20% cse d py+30% chl-ser shr's imm prec by flt		
BG11-116	184.20	185.20	C0152	1.00	2.023	20% leuco; 0.1m pa gy qv @66 w 50% cse d+vn py+10% chl-ser shr's; well min'd	1.989	2.057
BG11-116	185.20	186.00	C0153	0.80	<.03	5% q-carb-ank vn's@60		
BG11-116	186.00	187.25	C0154	1.25	<.03			
BG11-116	190.50	192.00	C0155	1.50	<.03	0.4m w 2% cse d py+5% spec; ct		
BG11-116	194.55	195.55	C0156	1.00	<.03	0.2m bull q-cal vn@45 imm foll by slip		
BG11-116	208.50	209.10	C0157	0.60	<.03			
BG11-116	209.10	210.25	C0158	1.15	<.03			
BG11-116	210.25	211.20	C0159	0.95	<.03	ct imm prec by 1/2" 50% cse py vn@40; bl'd		
BG11-116	211.20	212.00	C0160	0.80	<.03	40% q-ank centred on 1/2" med gy sil vn@41 w 5% cse d py+20% spec; wy hem'd		
BG11-116	212.00	213.00	C0161	1.00	<.03	60% q-ank gen@60; wy hem'd		
BG11-116	213.00	214.10	C0162	1.10	<.03	bl'd		
BG11-116	214.10	214.90	C0163	0.80	<.03			
BG11-117	19.30	20.10	C0419	0.80	0.274			
BG11-117	20.10	21.00	C0420	0.90	3.086	flt imm foll by 0.2m dk gy mody sil'd w 1-15% cse d py+10% epi@62;	2.743	3.429
BG11-117	21.00	22.50	C0421	1.50	0.686	21.0-22.0m inlier dio w 20% leuco+5% cse d py		
BG11-117	22.50	24.00	C0422	1.50	<.03			
BG11-117	24.00	25.40	C0423	1.40	<.03			
BG11-117	25.40	26.70	C0424	1.30	<.03			
BG11-117	26.70	27.50	C0425	0.80	<.03			
BG11-117	**27.50**	**28.60**	**C0426**	**1.10**	**144.618**	**0.25m dk gy chl-sil vn w 15%-20% cse d py @42 imm foll by 20% leuco in hily bl'd mody sil'd 5% cse d py+10% q-ank-all@52- wy hem'd**	**138.378**	**150.858**
BG11-117	**28.60**	**29.15**	**C0428**	**0.55**	**10.972**	**20% leuco in hily bl'd mody sil'd 5% cse d py+10% q-ank-all@52; wy hem'd**	**10.629**	**11.314**
BG11-117	**29.15**	**29.85**	**C0429**	**0.70**	**5.315**	**20% leuco in hily bl'd mody sil'd 5% cse d py+10% q-ank-all@52**	**5.349**	**5.280**
BG11-117	29.85	30.55	C0430	0.70	2.331	20% leuco in hily bl'd mody sil'd 5% cse d py+10% q-ank-all@52 except for last 0.1m; centred on 3/4" dk gy qv @25 w 5% cse d py-lam like KQS	2.331	2.331
BG11-117	30.55	31.40	C0432	0.85	0.480			
BG11-117	31.40	32.15	C0433	0.75	1.509	0.15m 20% leuco in hily bl'd mody sil'd w 5% cse d py@62	1.577	1.440
BG11-117	**32.15**	**32.90**	**C0434**	**0.75**	**0.960**	**0.10m 20% leuco in hily bl'd mody sil'd w 5% cse d py@62**		
BG11-117	32.90	33.65	C0435	0.75	1.303	0.20m 20% leuco in hily bl'd mody sil'd w 10% cse d py@55 centred on 1/4" 70% cse py vn-wy hem'd	1.303	1.303
BG11-117	33.65	34.40	C0436	0.75	0.206			

Hole_ID	From	To	Sample_#	Length	Au ppm	Description	Au ppm_ck	Au ppm-ck2
BG11-117	34.40	35.10	C0437	0.70	0.754	15% leuco; 5% cse d py locy conc; all@25-40		
BG11-117	35.10	36.10	C0438	1.00	0.206			
BG11-117	36.10	37.00	C0439	0.90	0.069			
BG11-117	37.00	38.10	C0440	1.10	0.137			
BG11-117	38.10	39.00	C0441	0.90	0.549	0.15m 10% leuco@61 w 10% epi+5% cse d py		
BG11-117	39.00	40.25	C0442	1.25	0.343			
BG11-117	40.25	41.10	C0443	0.85	0.069			
BG11-117	41.10	42.00	C0444	0.90	<.03			
BG11-117	42.00	43.05	C0445	1.05	<.03			
BG11-117	43.05	44.00	C0446	0.95	1.852	1" 60% cse py vn@66 in 0.3m 15% leuco+10% cse d py	1.92	1.78
BG11-117	44.00	44.25	C0447	0.25	0.754	2* 0.1m 10% leuco+3% cse d py@53		
BG11-117	44.25	45.80	C0448	1.55	0.686	30% sample w 5% leuco+5% ser+3% cse d py@43		
BG11-117	45.80	46.75	C0449	0.95	<.03	first half 30% sample w 5% leuco+5% ser+3% cse d py@43-then ct		
BG11-117	46.75	48.10	C0450	1.35	<.03			
BG11-117	48.10	49.15	C0451	1.05	0.754	ct imm foll by 0.15m wy sil'd+wy bl'd+20% leuco+10% cse d py		
BG11-117	49.15	49.90	C0452	0.75	2.366	0.1m wy bl'd w 5% cse d py centred on 1" q-ank-chl flt	2.469	2.263
BG11-117	49.90	51.10	C0453	1.20	0.274			
BG11-117	51.10	52.30	C0454	1.20	1.269	5-10% leuco; 15% epi-ser; 3-5% cse d py; all @43-60	1.234	1.303
BG11-117	52.30	53.55	C0455	1.25	0.891	5-10% leuco; 15% epi-ser; 3-5% cse d py; all @43-60		
BG11-117	53.55	54.50	C0457	0.95	1.166	5-10% leuco; 15% epi-ser; 3-5% cse d py; all @43-60	1.234	1.097
BG11-117	54.50	55.05	C0458	0.55	0.960	5-10% leuco; 15% epi-ser; 3-5% cse d py; all @43-60		
BG11-117	55.05	55.90	C0459	0.85	0.823	0.2m 15% leuco centred on 0.1m 50% epi-ser@58 w 20% cse d py		
BG11-117	55.90	57.00	C0460	1.10	0.206	5% epi-ser fract's w 5% cse d py		
BG11-117	57.00	58.20	C0461	1.20	0.206	5-10% leuco; 15% epi-ser; 3-5% cse d py; all @43-60		
BG11-117	58.20	59.30	C0462	1.10	0.137	5% epi-ser fract's w 5% cse d py		
BG11-117	59.30	60.40	C0463	1.10	0.617	5% leuco; 5% epi-ser; 3% cse d py; all @43-60		
BG11-117	60.40	61.25	C0464	0.85	1.371	5-10% leuco; 15% epi-ser; 3-5% cse d py; all @43-60 centred on 0.3m mody hem'd w 3/4" 50% cse py vn@45	1.371	1.371
BG11-117	61.25	62.00	C0466	0.75	0.480	0.1m wy hem'd w 20% leuco+10% cse d py@63		
BG11-117	62.00	62.70	C0467	0.70	0.411	1/2"+0.05m epi-ser w 8% cse d py@61		
BG11-117	62.70	63.40	C0468	0.70	0.137			
BG11-117	63.40	64.40	C0469	1.00	0.891	0.2m 20% leuco+5-10% cse d py+ 3* 1/4" 50% cse py vn's@52		
BG11-117	64.40	65.05	C0470	0.65	0.960	0.5m 20% leuco+10% epi-ser+0.1m pa gy qv -all w 10% cse d py+2% spec-well min'd-@53		
BG11-117	65.05	66.00	C0472	0.95	0.137			
BG11-117	66.00	66.90	C0473	0.90	0.069			
BG11-117	66.90	67.80	C0474	0.90	0.617	0.2m wy hem'd 30% leuco+50% cse d+vn py@46 w 10% epi		
BG11-117	67.80	68.60	C0475	0.80	0.960	0.2m 15%leuco+15% cse d py+10% epi@53		
BG11-117	68.60	69.35	C0476	0.75	<.03			
BG11-117	69.35	70.60	C0477	1.25	0.617	0.2m 20% leuco+15% epi centred on 1/4" 70% cse py vn@24		
BG11-117	70.60	71.60	C0478	1.00	<.03			
BG11-117	71.60	72.15	C0479	0.55	0.274	3/4" 80% cse py vn@29 assd w 30% epi over 0.15m		
BG11-117	72.15	73.20	C0480	1.05	1.886	peak altn w 25% leuco+20% epi-ser+hily bl'd+hily sil'd+35% cse d py@32	1.92	1.85
BG11-117	73.20	74.15	C0482	0.95	0.549	0.3m 25% leuco+10% cse d py@55		
BG11-117	74.15	75.25	C0483	1.10	<.03			
BG11-117	75.25	75.80	C0484	0.55	0.069	1/4" 70% cse py vn@57		
BG11-117	75.80	76.75	C0485	0.95	0.137			
BG11-117	76.75	78.00	C0486	1.25	0.549	bull 0.15m q-ank vn@62		
BG11-117	78.00	79.60	C0487	1.60	<.03			
BG11-117	79.60	81.20	C0488	1.60	<.03			
BG11-117	81.20	81.90	C0489	0.70	0.274	1/4" 70% cse py vn@57		
BG11-117	81.90	83.00	C0490	1.10	0.960			
BG11-117	83.00	84.20	C0492	1.20	<.03			

Hole_ID	From	To	Sample_#	Length	Au ppm	Description	Au ppm_ck	Au ppm-ck2
BG11-117	84.20	85.15	C0493	0.95	<.03			
BG11-117	85.15	85.85	C0494	0.70	<.03	20% leuco centred on slip+0.2m bx w 20% q-ank frag's+5% cse d py		
BG11-117	85.85	87.00	C0495	1.15	4.629	0.6m 20% leuco+5-8% cse d py centred on flt w slicks; leuco is shr'd near flt	4.251	5.006
BG11-117	87.00	88.20	C0496	1.20	1.989	20% leuco+5-8% cse d py centred on flt w slicks; leuco is shr'd near flt	1.920	2.057
BG11-117	88.20	88.90	C0497	0.70	1.269	0.15m 20% leuco centred on 2* 1/4"-1/2" dk gy chl-sil qv's w 15% cse d py@26	1.303	1.234
BG11-117	88.90	90.35	C0498	1.45	<.03			
BG11-117	90.35	91.15	C0499	0.80	2.126	20% leuco w 3-5% cse d py@35; 10% frag's of chl-sil+spec	2.194	2.057
BG11-117	91.15	91.90	C0500	0.75	<.03	20% leuco w 10-12% cse d py@35; 10% frag's of chl-sil+spec		
BG11-117	91.90	93.00	C0501	1.10	0.069	first 0.2m w 15% leuco		
BG11-118	18.60	19.55	C1001	0.95	4.114	hily shrd-posy por- buff-pk-orange w 15% cse d+vn'd py locy conc; 20% ank; hily sil'd	3.634	4.594
BG11-118	19.55	20.40	C1003	0.85	0.137			
BG11-118	**20.40**	**21.50**	**C1004**	**1.10**	**0.686**	**0.2m w 30% ank vn's+sil'd+ w 10% cse d py @23 in GC+BC**		
BG11-118	21.50	22.30	C1005	0.80	0.411			
BG11-118	22.30	23.30	C1006	1.00	1.303	0.5m w 30% ank vn's+sil'd+ w 20% cse d py @25	1.303	1.303
BG11-118	23.30	24.30	C1007	1.00	1.235	5-10% w 3% ank vn's+ wy sil'd+ w 5-10% cse d py @25	1.166	1.303
BG11-118	24.30	25.40	C1008	1.10	0.206	3% w 3% ank vn's+ wy sil'd+ w 5-10% cse d py @25		
BG11-118	26.75	27.80	C1009	1.05	<.03			
BG11-118	27.80	28.90	C1010	1.10	0.274			
BG11-118	28.90	30.00	C1011	1.10	0.137	0.3m w 10% ank vn's+ wy sil'd+ w 5% cse d py @47; 1/2" med gy chl-sil vn		
BG11-118	34.75	35.65	C1012	0.90	<.03			
BG11-118	35.65	36.40	C1013	0.75	0.206	1" dk gy chl-sil qv w 30% cse d py@40		
BG11-118	36.40	37.20	C1014	0.80	0.343			
BG11-118	40.95	41.85	C1015	0.90	<.03			
BG11-118	41.85	42.60	C1016	0.75	<.03	BC w at least 0.2m mottled chty buff-dk gy sil vn+bx w 3% cse d py+2% spec@70		
BG11-118	42.60	43.70	C1017	1.10	<.03	BC w at least 0.05m mottled chty buff-dk gy sil vn+bx w 1% cse d py@60 -vuggy		
BG11-118	43.70	44.20	C1018	0.50	0.069	BC w at least 0.3m mottled chty buff shr'd sil w 3% cse d py@70		
BG11-118	44.20	45.00	C1020	0.80	<.03	dio bx-posy por locy		
BG11-118	45.00	46.50	C1021	1.50	<.03			
BG11-118	46.50	47.20	C1022	0.70	<.03	0.1m dk gy chl-sil wk w 5-8% cse d py@48		
BG11-118	47.20	48.30	C1023	1.10	<.03			
BG11-118	48.30	49.20	C1024	0.90	0.069	0.05m 10% cse d py in wy sil'd @45; 3% cse d py overall		
BG11-118	49.20	50.30	C1025	1.10	1.166		1.303	1.029
BG11-118	50.30	51.00	C1026	0.70	0.411	0.1m carb vn w 50% cse d py@42		
BG11-118	51.00	52.10	C1028	1.10	0.411	last 0.3m 8% cse d py@50 ends abruptly on slip		
BG11-118	52.10	53.20	C1029	1.10	0.206			
BG11-118	53.20	54.20	C1030	1.00	0.069			
BG11-118	54.20	54.90	C1031	0.70	<.03	3/4" med gy qv w 5% f+cse d py@52		
BG11-118	54.90	56.55	C1032	1.65	<.03			
BG11-118	56.55	57.90	C1033	1.35	0.206			
BG11-118	57.90	59.15	C1034	1.25	<.03			
BG11-118	59.15	60.10	C1035	0.95	0.069	1" pa gy-wt qv w 10% cse d py+ 10% cp @24 imm prec by 0.3m 15% leuco		
BG11-118	60.10	61.50	C1036	1.40	<.03			
BG11-118	61.50	63.00	C1037	1.50	<.03			
BG11-118	63.00	64.50	C1038	1.50	<.03			
BG11-118	64.50	66.00	C1039	1.50	0.069	10% leuco assd w carb@15; 1-2% cse d py; 2% spec assd w 5% q-ank gyish-pur vn's@50		
BG11-118	66.00	67.00	C1040	1.00	0.069	10% leuco assd w carb@15; 1-2% cse d py; 2% spec assd w 5% q-ank gyish-pur vn's@50		
BG11-118	67.00	67.85	C1041	0.85	<.03	10% leuco assd w massive 70%q-ank gyish-pur vn's@45-60; 2% spec; 1% cp; 5% cse d + vn py		
BG11-118	67.85	68.55	C1042	0.70	<.03	10% leuco assd w massive 70%q-ank gyish-pur vn's@45-60; 2% spec; 1% cp; 5% cse d + vn py		
BG11-118	68.55	69.95	C1043	1.40	0.069	10% leuco assd w carb@15; 1-2% cse d py; 2% spec assd w 5% q-ank gyish-pur vn's@50		
BG11-118	**69.95**	**70.80**	**C1045**	**0.85**	**0.617**	**10% q-carb-ank vn's@70; 0.1m pa gy chty vn w 5% cse d py imm foll by 3/4" 50% cse py vn@30**		
BG11-118	70.80	71.75	C1046	0.95	<.03	10% leuco assd w carb@18; 1-2% cse d py;2% cp; 2% spec assd w 25% q-ank gyish-pur vn's		
BG11-118	71.75	72.65	C1047	0.90	0.069	10% leuco assd w carb@15; 1-2% cse d py; 2% spec assd w 5% q-ank gyish-pur vn's@50		

Hole_ID	From	To	Sample_#	Length	Au ppm	Description	Au ppm_ck	Au ppm-ck2
BG11-118	72.65	73.70	C1048	1.05	<.03	10% leuco assd w massive 70%q-ank gyish-pur vn's@15-20; 2% spec; 1% cp; 5% cse d + vn py		
BG11-118	73.70	74.40	C1050	0.70	0.137	BC; strong flt; 10% leuco assd w massive 40% q-ank gyish-pur vn's@20; 2% spec; 1% cp; 2% cse d py		
BG11-118	74.40	75.60	C1051	1.20	0.206	5% leuco; shr'd; 0.2m gy q-ank vn's@30 w 2% cse d py		
BG11-118	75.60	76.70	C1052	1.10	0.069	5% leuco		
BG11-118	**76.70**	**78.00**	**C1053**	**1.30**	**0.960**	**5% leuco**		
BG11-118	78.00	79.40	C1054	1.40	0.274	BC		
BG11-118	**79.40**	**79.90**	**C1055**	**0.50**	**0.617**	**BC; at least 0.05m mody sil'd w 10% cse d py-hily bl'd-imm prec by vuggy flt**		
BG11-118	79.90	80.90	C1056	1.00	<.03	5% leuco; 0.1m carb vn@27		
BG11-118	80.90	81.55	C1057	0.65	0.069	2* 1/4+3/4" milk wt qv's w 3% cse d py@40		
BG11-118	81.55	82.40	C1058	0.85	<.03			
BG11-118	82.40	83.20	C1059	0.80	0.069			
BG11-118	**83.20**	**84.45**	**C1060**	**1.25**	**0.617**			
BG11-118	84.45	85.75	C1061	1.30	<.03			
BG11-118	85.75	87.10	C1062	1.35	<.03			
BG11-118	87.10	87.85	C1063	0.75	<.03	0.4m shr imm prec by flt- w 60% q-ank in chl fract's@42		
BG11-118	87.85	89.10	C1064	1.25	<.03	first 0.05m BC may be flt		
BG11-118	89.10	90.50	C1065	1.40	<.03	first 0.1m hily bl'd imm prec by slip centred on 1/2" q-ank vn@63		
BG11-118	90.50	91.10	C1066	0.60	<.03	str slip		
BG11-118	91.10	91.60	C1067	0.50	<.03	1" gouge flt (MAIN BRK) imm foll by 0.1m BC imm foll by BC w 20% q-ank bx+ 3% chl-sil w 20% spec; flt		
BG11-118	91.60	92.10	C1069	0.50	<.03	30% q-ank bx; shr'd ser-chl; rare py		
BG11-118	92.10	93.00	C1070	0.90	0.137	mauve; mody sil'd; bx; 5% f d py; 2% cse d py@22		
BG11-118	93.00	94.25	C1072	1.25	0.069	10% sample w 15% leuco-wy bl'd+ w 5% cse d py		
BG11-118	94.25	95.70	C1073	1.45	<.03	5% q-ank		
BG11-118	95.70	97.00	C1074	1.30	0.069			
BG11-118	102.00	103.00	C1075	1.00	0.069	1" q-ank-carb vn@37 imm foll by 1/8" cse py vn+ w 3% cse d py		
BG11-118	118.70	119.50	C1076	0.80	<.03			
BG11-118	119.50	120.40	C1077	0.90	0.069	1" 80% cse py vn@45 imm prec by 1/2" q-ank imm foll by 0.5m hem'd brick red locy w 1/8"-1/2" dk gy sil-chl vn w 5% cse d py@28+ ser'n+ 2* 1/8" 50% cse py vn's		
BG11-118	**120.40**	**121.50**	**C1079**	**1.10**	**0.891**			
BG11-118	121.50	122.80	C1080	1.30	<.03	ct; BC		
BG11-118	122.80	123.40	C1081	0.60	<.03	BC		
BG11-118	124.50	125.30	C1082	0.80	<.03	BC; ct; 0.05m chl zone on slips w 20% ank-carb+2% cse d py		
BG11-118	127.40	127.90	C1083	0.50	<.03	ct; BC; 1/2" qv w 8% cse d py+3% cp@35		
BG11-118	132.20	132.90	C1084	0.70	<.03			
BG11-118	132.90	133.60	C1085	0.70	<.03	20% leuco; 10% q-ank-carb@75; centred on 1" gy-pur vn w 5% spec+ 5-8% cse d py+ w 1/4" wt qv-all@75		
BG11-118	133.60	134.45	C1086	0.85	<.03			
BG11-118	**137.10**	**138.30**	**C1087**	**1.20**	**0.617**	**1/4" 30%cse py vn@32**		
BG11-118	**138.30**	**139.20**	**C1088**	**0.90**	**0.686**	**0.4m hily bl'd, hily sil'd w 50% cse d +vn py@54 w 3% dk gy sil-chl blebs; #6 VN?**		
BG11-118	139.20	139.80	C1090	0.60	0.274	1/8" 50% cse py vn assd w epi @25 on fract		
BG11-118	139.80	140.70	C1091	0.90	1.063	0.3m hily bl'd, hily sil'd w 20% cse d +vn py@35-not as strong as the 0.4m one; #6 VN SPLAY?	1.303	0.823
BG11-118	140.70	141.70	C1092	1.00	0.069			
BG11-118	145.50	146.30	C1093	0.80	<.03			
BG11-118	146.30	147.55	C1095	1.25	<.03	25% sample w 15% leuco w 10% q-ank@70 ending on flt; 0.1m wt q-ank vn@70 w 10% cse d py		
BG11-118	147.55	148.70	C1096	1.15	<.03	1/2" qv -milk wt- w 10% clots cp@60		
BG11-118	151.50	152.40	C1097	0.90	<.03	BC; bl'd wy		
BG11-118	154.80	155.40	C1098	0.60	<.03	3/4" epi vn w 1/8" magn vn's@70		
BG11-118	159.20	159.80	C1099	0.60	<.03	1/2" bull q-ank vn in 0.2m 15% leuco@45		
BG11-118	164.25	165.10	C1100	0.85	<.03	10% bull q-ank in 15% leuco@43		
BG11-118	171.35	172.45	C1101	1.10	<.03			
BG11-118	172.45	173.45	C1102	1.00	0.274	30% bull q-ank in 20% leuco@43 centred on 1" 60% cse py vn@71		

Hole_ID	From	To	Sample_#	Length	Au ppm	Description	Au ppm_ck	Au ppm-ck2
BG11-118	173.45	174.20	C1103	0.75	<.03	10% bull q-ank in 20% leuco@50		
BG11-118	174.20	174.95	C1104	0.75	<.03	20% bull q-ank in 20% leuco@60		
BG11-118	174.95	175.70	C1105	0.75	<.03			
BG11-118	180.10	180.75	C1106	0.65	0.480			
BG11-118	**180.75**	**181.55**	**C1107**	**0.80**	**0.617**	**BC; 1" blk magn vn w 10% wt qtz frag's centres 10% epi w 10% spec+10% cse d py+5% cp**		
BG11-118	181.55	182.15	C1108	0.60	0.343			
BG11-118	182.15	183.00	C1109	0.85	0.343	2* 0.05m 10% leuco@70		
BG11-118	183.00	183.85	C1110	0.85	0.137			
BG11-118	183.85	185.05	C1111	1.20	0.137	15% leuco; 10% q-ank+carb@60		
BG11-118	185.05	186.50	C1112	1.45	0.137	15% leuco; 5% q-ank+carb@60		
BG11-118	186.50	187.60	C1113	1.10	<.03	20% leuco; 5% q-ank+carb@60		
BG11-118	187.60	188.70	C1114	1.10	<.03	20% sample w 15% leuco+5% q-ank-carb @50		
BG11-118	188.70	190.15	C1115	1.45	0.069	20% sample w 15% leuco+5% q-ank-carb @50		
BG11-118	190.15	191.40	C1116	1.25	0.069	20% sample w 15% leuco+5% q-ank-carb @50		
BG11-118	191.40	192.80	C1117	1.40	<.03	20% sample w 15% leuco+5% q-ank-carb @50		
BG11-118	192.80	194.00	C1118	1.20	<.03	40% sample w 15% leuco+5% q-ank-carb @50		
BG11-118	197.40	198.35	C1120	0.95	0.069	10% sample w 15% leuco+5% q-ank-carb @50		
BG11-118	200.60	201.90	C1121	1.30	0.137	5% sample w 15% leuco @50; 1/4" 40% cse py vn assd w epi @20		
BG11-118	201.90	202.70	C1122	0.80	0.206			
BG11-118	202.70	204.00	C1123	1.30	0.069	10% sample w 15% leuco @50		
BG11-119	15.00	15.50	C0502	0.50	<.03	0nly 0.3m recovered; "sand"; BC; 3-5% cse d py locy conc assd w 20% epi		
BG11-119	15.50	16.60	**C0533**	1.10	<.03	5% epi w 5% cse d py; 1/4" pa gy-wt qv@42 w 5% cse d py+10% spec		
BG11-119	16.60	18.00	C0503	1.40	0.069	5% epi w 5% cse d py gen@45		
BG11-119	18.00	18.85	C0504	0.85	0.137	5% epi w 5% cse d py gen@45		
BG11-119	18.85	19.70	C0505	0.85	0.069	5% epi w 5% cse d py gen@45		
BG11-119	19.70	20.20	C0506	0.50	0.069	5% epi w 5% cse d py gen@45; BC for 0.1m w wt-pa gy qv w 10% cse d py+5% cp		
BG11-119	20.20	21.15	C0507	0.95	0.274	5% epi w 5% cse d py gen@45; 0.15m wt-pa gy qv w 10% cse d py+5% cp; 5% blk magn vn's to 1/8"@45-52		
BG11-119	21.15	22.10	C0509	0.95	0.137	blk magn vn 1/4"@52		
BG11-119	22.10	22.90	C0510	0.80	<.03			
BG11-119	22.90	23.60	C0511	0.70	<.03	1/8" flt gouge imm foll by 0.2m BC w wy shr'd por+ posy other flt horizons; wy bl'd		
BG11-119	23.60	24.60	C0512	1.00	<.03			
BG11-119	24.60	25.70	C0513	1.10	<.03			
BG11-119	25.70	26.80	C0514	1.10	<.03			
BG11-119	26.80	28.00	C0516	1.20	<.03			
BG11-119	28.00	28.85	C0517	0.85	<.03			
BG11-119	28.85	29.90	C0518	1.05	<.03	5-6% cse d py locy conc@52		
BG11-119	**29.90**	**30.55**	**C0519**	**0.65**	**7.200**	**BC; 0.05m chl-sil vn w 30% cse d py+2% cp@32 posy imm prec by structure-imm foll by locy hily sil'd w 20% cse d py+mody hem'd imm foll by 0.05m 20% leuco-then opening-"void, 14' , 33m" on blocks**	**7.543**	**6.857**
BG11-119	**34.60**	**36.10**	**C0520**	**1.50**	**0.686**			
BG11-119	36.10	37.50	C0521	1.40	0.069			
BG11-119	37.50	38.55	C0522	1.05	0.069	flt imm foll by 0.1m wy sil'd w 20% q-ank+10% cse d+vn py@54; 50% sample w 10% leuco; 1/4" 30% cse dpy vn		
BG11-119	38.55	39.80	C0523	1.25	<.03			
BG11-119	39.80	41.10	C0524	1.30	<.03	0.1m 5% leuco@35 assd w 20% q-ank		
BG11-119	41.10	42.50	C0525	1.40	<.03	0.1m 20% leuco wy sil'd+mody bl'd+10% cse d py-all@65; 5% epi		
BG11-119	42.50	43.80	C0526	1.30	<.03	1/2" q-ank vn w 30% cse d py@17		
BG11-119	43.80	45.00	C0527	1.20	<.03	20% leuco; 5% med gy q-ank-spec; 3-5% cse d py-all@32		
BG11-119	45.00	46.25	C0528	1.25	<.03			
BG11-119	46.25	47.55	C0529	1.30	<.03			
BG11-119	47.55	48.85	C0530	1.30	0.069			

Hole_ID	From	To	Sample_#	Length	Au ppm	Description	Au ppm_ck	Au ppm-ck2
BG11-119	48.85	50.10	C0531	1.25	<.03			
BG11-119	50.10	51.00	C0532	0.90	0.137	5% epi+3% cse d py		
BG11-119	51.00	51.60	C0534	0.60	<.03			
BG11-119	51.60	52.40	C0535	0.80	1.509	0.4m hily bl'd, mody sil'd w 10% q-ank+10% epi+20% leuco+10% cse d py@68	1.440	1.577
BG11-119	52.40	53.40	C0537	1.00	<.03	rare leuco horizons		
BG11-119	53.40	54.15	C0538	0.75	0.069			
BG11-119	54.15	54.85	C0539	0.70	<.03	1/4"-1/2" pa gy qv w 20% cse d py@13		
BG11-119	54.85	56.10	C0541	1.25	0.069			
BG11-119	56.10	57.45	C0542	1.35	<.03			
BG11-119	57.45	58.70	C0543	1.25	0.069			
BG11-119	58.70	60.10	C0544	1.40	<.03			
BG11-119	**60.10**	**61.50**	**C0545**	**1.40**	**0.549**			
BG11-119	**61.50**	**62.65**	**C0546**	**1.15**	**0.617**	**1/2"-1" pa gy qv w 20% cse d py@10 w assd 10% epi-ser**		
BG11-119	**62.65**	**63.55**	**C0547**	**0.90**	**0.823**	**0.6m 15% leuco+wy bl'd+ w 20% ser-ank @32;**		
BG11-119	63.55	64.50	C0548	0.95	0.343	5% leuco+5% q-ank+3% cse d py		
BG11-119	64.50	65.90	C0549	1.40	0.137	1" cal vn @10		
BG11-119	65.90	67.05	C0550	1.15	0.069	0.4m mody bl'd w 30% epi+8% cse d py @25		
BG11-119	67.05	68.20	C0601	1.15	0.206			
BG11-119	68.20	69.55	C0602	1.35	<.03			
BG11-119	69.55	70.70	C0603	1.15	0.343	1" hily bl'd+sil'd@55 w 10% cse d py		
BG11-119	70.70	71.95	C0604	1.25	0.069			
BG11-119	71.95	73.00	C0605	1.05	2.263	0.3m hily bl'd+mody sil'd+15% leuco+20% cse d py@61 centred on slip	1.989	2.537
BG11-119	73.00	73.80	C0606	0.80	1.475	10% epi clots	1.166	1.783
BG11-119	73.80	74.50	C0607	0.70	4.046	15% leuco+ locy mody bl'd w 10% cse d py @35; 10% epi clots	3.840	4.251
BG11-119	74.50	75.50	C0608	1.00	3.257	0.4m hily bl'd+mody sil'd+15% leuco+30% cse d py@28	3.017	3.497
BG11-119	75.50	76.80	C0610	1.30	<.03			
BG11-119	76.80	77.95	C0611	1.15	<.03			
BG11-119	**77.95**	**79.00**	**C0612**	**1.05**	**0.549**			
BG11-119	79.00	80.00	C0613	1.00	0.137			
BG11-119	80.00	80.80	C0615	0.80	0.343	0.1m 15% leuco+15% carb@18+15% magn vn's to 1/8"		
BG11-119	80.80	81.90	C0616	1.10	<.03			
BG11-119	81.90	82.70	C0617	0.80	<.03	0.1m 70% epi@75		
BG11-119	82.70	83.60	C0618	0.90	0.069			
BG11-119	**83.60**	**84.45**	**C0619**	**0.85**	**0.754**	0.15m wy bl'd w 30% q-ank+ 25% cse d+vn py@75+33		
BG11-119	84.45	85.90	C0620	1.45	0.069			
BG11-119	85.90	87.35	C0621	1.45	0.274			
BG11-119	**87.35**	**88.25**	**C0622**	**0.90**	**0.960**	0.15m 15% leuco+mody bl'd +5-8% cse d py		
BG11-119	88.25	88.90	C0623	0.65	<.03	15% leuco centred on 0.1m q-ank-carb @42 w 5% cse d py		
BG11-119	**88.90**	**90.00**	**C0624**	**1.10**	**0.617**			
BG11-119	90.00	91.15	C0625	1.15	0.411			
BG11-119	91.15	92.15	C0626	1.00	0.274			
BG11-119	92.15	93.30	C0627	1.15	0.411			
BG11-119	93.30	94.25	C0628	0.95	0.343	last 0.2m 15% leuco		
BG11-119	**94.25**	**95.30**	**C0629**	**1.05**	**0.823**	**10% leuco locy conc; hily bl'd w 10% cse d py-amorphous; 15% chl fract's+15% q-ank@30-35; flt imm foll by 1/4" chl w 5% f d py**		
BG11-119	95.30	96.00	C0630	0.70	0.274	last 0.1m bull wt q-cal vn imm prec by flt @25 imm prec by 10% leuco but fresher than surroundings		
BG11-119	96.00	96.70	C0631	0.70	<.03	bull wt q-cal vn w v15% chl w rare f d py@25		
BG11-119	96.70	97.65	C0632	0.95	0.343	20% qtz-ank vn's+20% chl+10% spec-buff hily bl'd+ dk pur-blk; 15% cse d py+15% leuco-all@26		
BG11-119	97.65	98.20	C0634	0.55	<.03	bx'd wt-med gy qtz-ank+ 20% spec+ ser'd+ 3% cse d py ending on flt imm foll by 0.1m hily bl'd mauve w 30% cse d py		
BG11-119	98.20	99.00	C0635	0.80	3.052	10% leuco; mody bl'd 5-6% cse d py	3.086	3.017
BG11-119	99.00	100.10	C0636	1.10	<.03	10% leuco; mody bl'd 5-6% cse d py		

Hole_ID	From	To	Sample_#	Length	Au ppm	Description	Au ppm_ck	Au ppm-ck2
BG11-119	100.10	100.80	C0637	0.70	0.995	10% leuco; mody bl'd 5-6% cse d py; 1/8"-1/4" wt-pa gy qv w 5% cse d py@85	1.029	0.960
BG11-119	100.80	101.60	C0638	0.80	1.269	10% leuco; mody bl'd 5-6% cse d py	1.234	1.303
BG11-119	101.60	102.55	C0639	0.95	1.783	10% leuco; hily bl'd 10-12% cse d +vn py+10% q-ank-all @27	1.851	1.714
BG11-119	**102.55**	**103.25**	**C0641**	**0.70**	**0.686**	20% leuco+ mody bl'd 5-6% cse d py imm prec by 0.25m q-ank vn@28 w 10% chl		
BG11-119	103.25	104.00	C0642	0.75	0.411	first 0.3m mody bl'd w 10% leuco+5% cse d py36		
BG11-119	104.00	104.70	C0644	0.70	<.03			
BG11-119	104.70	105.50	C0645	0.80	1.783	0.4m w 40% wt q-ank+qtz vn's@76 wt-med gy w 5% cse d py in vn's + 20% leuco+10% cse d py in the rest of the 0.4m	1.714	1.851
BG11-119	105.50	106.35	C0646	0.85	<.03			
BG11-119	106.35	107.60	C0647	1.25	<.03			
BG11-119	107.60	108.70	C0648	1.10	0.069			
BG11-119	108.70	109.50	C0649	0.80	<.03	1/2" wt qv w 5% cse d py+ rare spec@47; 0.1m 70% epi+20% cse d py@75		
BG11-119	109.50	110.60	C0650	1.10	<.03			
BG11-119	110.60	111.70	C0651	1.10	<.03			
BG11-119	111.70	112.70	C0652	1.00	<.03			
BG11-119	112.70	113.80	C0653	1.10	<.03	3/4" milk wt qv bullish assd w 1/2" epi@57		
BG11-119	113.80	114.95	C0654	1.15	<.03			
BG11-119	114.95	115.70	C0655	0.75	<.03			
BG11-119	115.70	116.45	C0656	0.75	0.137	3/4" 60% cse py vn@27; 1/8" 70% cse py vn@56-both assd w epi		
BG11-119	116.45	117.00	C0657	0.55	<.03			
BG11-119	117.00	117.90	C0658	0.90	<.03	1/4" pa gy qv assd w 1/4" epi@21 w 15% cse d py		
BG11-119	117.90	119.40	C0659	1.50	<.03			
BG11-119	119.40	120.00	C0660	0.60	0.274	0.1m 50% epi centred on 1" wt qv+w 10% cse d py@80		
BG11-119	120.00	121.20	C0661	1.20	<.03			
BG11-119	121.20	122.15	C0662	0.95	<.03	.1m 40% epi-ser+10% leuco+5% cse d py; 1/8" 80% cse py vn@66 in 0.05m 70% epi-ser		
BG11-119	122.15	123.20	C0663	1.05	<.03			
BG11-119	123.20	124.20	C0664	1.00	<.03	0.2m 50% epi-ser centred on 1/8" 70% cse py vn@70		
BG11-119	**124.20**	**125.60**	**C0665**	**1.40**	**0.617**	**10% ser-epi w 10% cse d +vn py gen@35+110**		
BG11-119	125.60	126.80	C0666	1.20	1.166	2* 1/4" 60% cse py vn's assd w 10% leuco @110	1.097	1.234
BG11-119	**126.80**	**127.80**	**C0668**	**1.00**	**0.823**	**5% epi-ser+3% cse d py**		
BG11-119	127.80	128.55	C0669	0.75	2.743	0.2m 15% leuco+20% epi+20% cse d py centred on 0.05m wt-med gy qv @80 w 20% cse d py+20% spec/moly/grp?	3.086	2.400
BG11-119	128.55	129.55	C0671	1.00	0.891			
BG11-119	129.55	130.30	C0672	0.75	0.960			
BG11-119	**130.30**	**130.90**	**C0673**	**0.60**	**9.018**	**2* 0.1m 30% epi-ser-15% leuco@43+80+ w 12% cse d py**	**9.669**	**8.366**
BG11-119	130.90	132.00	C0674	1.10	0.206			
BG11-119	132.00	133.20	C0675	1.20	0.274			
BG11-119	133.20	134.50	C0676	1.30	<.03			
BG11-119	134.50	136.00	C0677	1.50	0.274	2* 1/8" 70% cse py vn's@70		
BG11-119	136.00	137.30	C0678	1.30	0.480			
BG11-119	137.30	138.45	C0679	1.15	1.783	0.15m hily bl'd 20% leuco+10% cse d py centred on 1" 80% cse py vn@55; 2* 1/4" 80% cse py vn's@47	1.851	1.714
BG11-119	**138.45**	**139.90**	**C0680**	**1.45**	**0.754**			
BG11-119	139.90	141.40	C0681	1.50	<.03	2* 1/4" 80% cse py vn's@35		
BG11-119	141.40	142.25	C0682	0.85	3.738	20% leuco; wy hem'd; wy sil'd; 10% cse d +vn py@43	3.429	4.046
BG11-119	142.25	143.15	C0683	0.90	2.675	20% leuco; mody hem'd; wy sil'd; 20% cse d +vn py@43; peak alt'n; 0.1m wt-gy qv w 10% cse d py+ 10% moly/spec/grap@35; well min'd	2.743	2.606
BG11-119	**143.15**	**143.85**	**C0685**	**0.70**	**5.657**	**20% leuco; mody hem'd; wy sil'd; 20% cse d +vn py@43; peak alt'n; 1" wt qv w 10% cse d py+ 20% cp @35 incl one 3/4" bleb; well min'd; 0.15m bull q-ank-chl vn@57 imm prec by flt**	**6.720**	4.594
BG11-119	**143.85**	**144.95**	**C0686**	**1.10**	**6.343**	**20% leuco; wy hem'd; wy sil'd; 10% cse d +vn py@43; 1/4"-1/2" pa gy qv@55; ends @ 0.1m 30% cse d +vn py@35**	**6.446**	6.240
BG11-119	144.95	145.70	C0687	0.75	2.229	2* 1/4" 60% cse py vn's@60	2.400	2.057

Hole_ID	From	To	Sample_#	Length	Au ppm	Description	Au ppm_ck	Au ppm-ck2
BG11-119	**145.70**	**146.85**	**C0688**	**1.15**	**0.754**			
BG11-119	**146.85**	**147.90**	**C0689**	**1.05**	**0.891**	**0.1m 20% leuco+10% ser+chl+ 10% chl blebs+15% cse d py@60; 3/4" 80% cse py vn@60**		
BG11-119	147.90	148.85	C0690	0.95	<.03			
BG11-119	148.85	150.40	C0692	1.55	<.03			
BG11-119	150.40	151.80	C0693	1.40	<.03			
BG11-119	151.80	152.65	C0694	0.85	<.03	0.1m 60% epi-ser centred on 1/8" 50% cse py vn@58		
BG11-119	152.65	153.55	C0695	0.90	<.03			
BG11-119	153.55	154.65	C0696	1.10	<.03			
BG11-119	154.65	155.50	C0697	0.85	0.137	0.2m 50% epi-ser+10% leuco+15% cse d py@38 is hily bl'd+ w 1" bull wt q-ank vn		
BG11-119	155.50	156.25	C0698	0.75	<.03			
BG11-119	156.25	157.20	C0699	0.95	0.137	1" 20% leuco imm prec by 1" 50% epi-ser@65 w 5% cse vn py		
BG11-119	157.20	158.40	C0700	1.20	<.03	0.5m 10% leuco+10% q-ank@66 w 2% cse d py+1/8" 60% cse py vn		
BG11-119	**158.40**	**159.25**	**C0701**	**0.85**	**0.960**	**0.2m 15% leuco+20% epi-ser centred on 1/8" 80% cse py vn@58**		
BG11-119	159.25	160.00	C0702	0.75	<.03	0.2m 15% leuco+20% epi-ser w 3% cse d py		
BG11-119	160.00	160.90	C0703	0.90	<.03	0.1m+0.3m 10% leuco centred on slips+ w 3-5% cse d py		
BG11-119	160.90	161.50	C0704	0.60	<.03			
BG11-119	161.50	162.30	C0705	0.80	2.572	0.2m 15% leuco+w 8% cse d py@74 -wy hem'd+hily bl'd+mody sil'd	2.674	2.469
BG11-119	162.30	163.35	C0707	1.05	<.03			
BG11-119	163.35	164.90	C0708	1.55	<.03			
BG11-119	164.90	166.10	C0709	1.20	<.03			
BG11-119	166.10	166.95	C0710	0.85	<.03			
BG11-119	166.95	167.80	C0711	0.85	<.03	1/8" med gy qv@76 w 20% cse d py+10% spec/moly		
BG11-119	167.80	169.10	C0712	1.30	<.03			
BG11-119	169.10	170.00	C0713	0.90	<.03			
BG11-119	170.00	170.85	C0714	0.85	<.03	2* 0.2m 15% leuco+5% cse d py@45 centred on q-carb 2"vn		
BG11-119	170.85	171.80	C0716	0.95	<.03	0.2m 15% leuco+5% cse d py@45 centred on q-carb 2"vn		
BG11-119	171.80	172.50	C0717	0.70	<.03			
BG11-119	172.50	173.55	C0718	1.05	<.03	1" 10% leuco@51		
BG11-119	175.10	175.70	C0719	0.60	<.03	3/4" epi vn@30 w 20% cp ladders@110		
BG11-119	178.30	179.00	C0720	0.70	<.03	0.1m 10% leuco+3% cse d py		
BG11-119	179.90	180.60	C0721	0.70	<.03			
BG11-119	180.60	181.20	C0722	0.60	<.03	0.1m 10% leuco centred on 1" q-carb vn@50; 3/4" 50% cse py vn@140		
BG11-119	181.20	181.70	C0723	0.50	<.03			
BG11-119	181.70	182.40	C0724	0.70	<.03	BC w at least 0.05m 80% cse py vn@55		
BG11-119	182.40	183.25	C0725	0.85	<.03			
BG11-119	183.25	184.45	C0726	1.20	<.03			
BG11-119	184.45	185.75	C0727	1.30	<.03			
BG11-119	185.75	186.75	C0728	1.00	<.03			
BG11-119	**186.75**	**187.70**	**C0729**	**0.95**	**0.960**	**0.6m 20% leuco centred on 0.1m dull wt qv@65 imm prec by slip +w 10% cse d py+10% cp+5% ser**		
BG11-119	187.70	189.00	C0731	1.30	<.03	0.5m 15% leuco centred on 0.1m q-ank vn@48 bullish		
BG11-119	189.00	190.30	C0732	1.30	<.03			
BG11-119	196.75	197.60	C0733	0.85	<.03	40% epi centred on 1/8" pa-med gy qv@- all w rare cse d py		
BG11-119	202.20	203.00	C0734	0.80	0.069			
BG11-119	**203.00**	**203.80**	**C0735**	**0.80**	**0.617**	**BC; 20% epi centred on 0.2m wt qv w 15% cse d py+1% cp+3% spec/moly- locy conc on ct's -imm prec by tight flt**		
BG11-119	203.80	204.70	C0737	0.90	<.03			
BG11-119	209.40	210.20	C0738	0.80	0.069	20% fine leuco; @50; BC; 2* fract's w 5% cse d py+5% cp w pk carb@35		
BG11-119	**210.20**	**210.70**	**C0740**	**0.50**	**0.686**	**1" 20% cse py vn@76 imm prec by 1/2" dk gy qv w 35% cp+30% cse d py-one nest of cp but mustard colour+smeared-could be VG-**		
BG11-119	210.70	211.30	C0742	0.60	0.069	ct		
BG11-119	234.00	234.85	C0743	0.85	<.03	1/2" q-ank-epi-spec vn@44+ deep red mineral+5% cse d py		

Hole_ID	From	To	Sample_#	Length	Au ppm	Description	Au ppm_ck	Au ppm-ck2
BG11-119	235.25	235.80	C0744	0.55	0.274	1/4" wt-med gy qv @32 w rare cse d py+10% spec/moly		
BG11-119	239.30	239.95	C0745	0.65	<.03			
BG11-119	239.95	240.90	C0746	0.95	0.617	3/4" blk chlc vn w 10% cse d py@45; 0.4m wy bl'd br w 5-6% cse d py		
BG11-119	240.90	241.60	C0747	0.70	<.03			
BG11-119	241.60	242.45	C0748	0.85	0.069	0.15m wy bl'd br w 5-6% cse d py		
BG11-119	246.40	247.40	C0749	1.00	0.069	0.2m wy bl'd br w 15% cse d py		
BG11-120	15.70	17.20	C0750	1.50	<.03			
BG11-120	17.20	18.70	C0751	1.50	<.03			
BG11-120	18.70	20.20	C0752	1.50	<.03			
BG11-120	20.20	21.00	C0753	0.80	<.03	chill zone		
BG11-120	**21.00**	**22.00**	**C0754**	**1.00**	**5.520**	**0.2m 20% leuco wy bl'd imm foll by #20 vn w 0.1m BC w flt+70% cse d py in middle of 0.4m hily sil'd+bl'd vuggy 60% cse py-sim to Blue Vn-all@65**	**5.143**	**5.897**
BG11-120	22.00	22.80	C0756	0.80	1.166	2* 0.1m 20% leuco+ mody sil'd+hily bl'd+5% cse d py@70	1.234	1.097
BG11-120	22.80	23.40	C0757	0.60	1.097	1/2" pa gy-med gy qv w 3% cse d py@85	1.097	1.097
BG11-120	23.40	24.40	C0758	1.00	4.046	well min'd 0.2m dk gy chl-sil qv w moly coatings+ 30% cse d py-looks like vn's w VG-@78 imm foll by 20% leuco+ hily sil'd+bl'd+ 15-20% cse d py	4.183	3.909
BG11-120	24.40	25.40	C0759	1.00	1.749	0.1m+0.25m 20% leuco+ hily sil'd+bl'd+ 10-12% cse d py@68	1.577	1.920
BG11-120	25.40	26.30	C0760	0.90	0.274	2* 1" 15% leuco+3% cse d py@80		
BG11-120	**26.30**	**27.10**	**C0761**	**0.80**	**0.823**	**3* 0.1m 20% leuco, hily bl'd+mody sil'd w 10% cse d py@70-80; one is mody hem'd brick red+ one ends on flt imm prec by 1" q-ank +70% cse py 1/8" vn's**		
BG11-120	27.10	27.90	C0762	0.80	0.069			
BG11-120	27.90	29.05	C0763	1.15	<.03			
BG11-120	29.05	30.00	C0764	0.95	1.817	0.1m 20% leuco centred on 1" q-ank-carb vn @48 w 5% cse d py; grad bl'd blotchy areas w 10% cse d py within	1.783	1.851
BG11-120	**30.00**	**30.65**	**C0766**	**0.65**	**0.549**	**wy bl'd+ser'd; 2-3% cse d py locy conc@55; 3% q-ank vn's to 1/2"; ct**		
BG11-120	30.65	31.50	C0767	0.85	<.03	med gn chill zone @50; flt's		
BG11-120	31.50	33.00	C0768	1.50	<.03			
BG11-120	33.00	33.85	C0769	0.85	<.03	chill zone@62 w med gn hue+ 2% locy conc f d py; imm foll by 0.2m wy hem'd w 12-15% cse d+vn py gen@40 is hily sil'd+bl'd		
BG11-120	33.85	34.80	C0770	0.95	<.03	mody sil'd+bl'd; 5% 80% cse py vn's@55; 1/8" dk gy sil vn@55 w 5% cse d py		
BG11-120	34.80	35.40	C0771	0.60	<.03	wy sil'd; 3% cse py vn's		
BG11-120	35.40	36.35	C0772	0.95	<.03			
BG11-120	36.35	37.60	C0773	1.25	<.03			
BG11-120	37.60	39.00	C0774	1.40	<.03			
BG11-120	39.00	40.40	C0775	1.40	0.206	2* 1/8"-1/4" 50% cse py vn's@ locy wy hem'd @75		
BG11-120	40.40	41.80	C0776	1.40	0.343	3% 1/8"-1/4" 50% cse py vn's@ locy wy hem'd @75+40		
BG11-120	41.80	42.55	C0777	0.75	<.03	0.1m mod to hly hem w 20% cse dis py @62		
BG11-120	42.55	43.80	C0779	1.25	<.03			
BG11-120	43.80	45.00	C0780	1.20	<.03			
BG11-120	45.00	45.80	C0781	0.80	<.03	3/4" 30% cse py vein ass'd w 3/4" qtz-ank@70, spec hem and chl		
BG11-120	45.80	46.45	C0782	0.65	<.03			
BG11-120	46.45	48.00	C0783	1.55	<.03			
BG11-120	48.00	49.20	C0784	1.20	<.03			
BG11-120	49.20	50.05	C0785	0.85	<.03	2* 1/8-1/4" hly sil vns @74 w 5% cse diss py		
BG11-120	50.05	51.70	C0786	1.65	<.03			
BG11-120	51.70	52.40	C0787	0.70	<.03	20% pale gy sil vns/qtz vns, lks lk qtz flood'n @55 w 5-8% cse diss py		
BG11-120	52.40	53.30	C0788	0.90	<.03	ct imm foll by 0.1 m chl-ank-ser shear w 25-30% cse vn'd py, rare cp, silf'd, imm foll by 20% leux		
BG11-120	53.30	54.10	C0790	0.80	0.411	20% leux, 5% qtz-ank, 8% cse diss py, ending on 0.05 m shear chl-ank-ser shear w 25-35% py @42		
BG11-120	54.10	55.30	C0792	1.20	0.274	fresh'n w 30% fn gn leux, 4% cse diss py, 2% 4 mm qtz-carb veins @50		
BG11-120	55.30	57.00	C0793	1.70	<.03			
BG11-120	57.00	57.55	C0794	0.55	<.03	at least 1" dk gy chl-sil qv w ang brec frag of dk gy qtz, 30% py, min spec hem, vn@50 in BC		
BG11-120	57.55	58.50	C0795	0.95	<.03	BC w 0.1 m GC of fsh BP- lks out of place, may be dyke?		

Hole_ID	From	To	Sample_#	Length	Au ppm	Description	Au ppm_ck	Au ppm-ck2
BG11-120	58.50	59.10	C0796	0.60	<.03			
BG11-120	59.10	59.90	C0797	0.80	0.069	poss 0.1 m int dyke @39, w 3% cse diss py		
BG11-120	59.90	60.50	C0798	0.60	<.03	0.1 m bull mlky wht qtz-ank vn @34		
BG11-120	**60.50**	**61.30**	**C0799**	**0.80**	**0.686**			
BG11-120	61.30	62.50	C0800	1.20	<.03			
BG11-120	62.50	63.50	C0801	1.00	<.03			
BG11-120	63.50	64.45	C0802	0.95	0.411			
BG11-120	64.45	65.50	C0803	1.05	1.886		1.989	1.783
BG11-120	65.50	66.45	C0804	0.95	1.886	incsly bl'd dh, shear'd zone w 15-20% mg diss py and cse diss py alng blk shear, ends w 1/4" blk vn @60	1.920	1.851
BG11-120	66.45	67.50	C0805	1.05	1.132	10% of sample has 15% leux, bl'd hrz/frac ass w ank, 0.1 m w 7-8% py	1.097	1.166
BG11-120	67.50	68.05	C0806	0.55	3.463	shr'd, hly bl'd, hg amts of chl-carb, 5-10% py lcl conc	3.429	3.497
BG11-120	68.05	68.90	C0807	0.85	1.509	peak mauve hue alt, v hly bl'd, 25% cse py vns with 80% py up to 0.1 m @64+25, 3/4" pl to med gy qv w 4% fn diss py, sm 1" zone w sil-chl brec frag	1.577	1.440
BG11-120	68.90	69.60	C0808	0.70	0.995	10% leux	1.166	0.823
BG11-120	69.60	70.40	C0809	0.80	3.977	15% leux; 0.3 m + 0.1 m zones hly bl'd, mody to hly sil, w 15% cse diss + vn py; 2*1" chl-sil vns @55	4.183	3.771
BG11-120	70.40	71.00	C0811	0.60	4.080	20% leux, centered on 1" mod bl'd wky sil alt zone w 30-40% py	4.937	3.223
BG11-120	71.00	71.65	C0812	0.65	<.03			
BG11-120	71.65	72.55	C0814	0.90	0.343			
BG11-120	72.55	73.80	C0815	1.25	0.069	1/2" 60% cse py vn @55		
BG11-120	73.80	75.00	C0816	1.20	0.343			
BG11-120	75.00	76.10	C0817	1.10	<.03	bull 1/2" qtz-ank vn @45 w 20% chl clots		
BG11-120	76.10	76.65	C0818	0.55	0.069	1/2" 60% cse py vn @55		
BG11-120	76.65	77.15	C0819	0.50	<.03			
BG11-120	78.60	79.40	C0820	0.80	<.03	10% leux, 1" qtz-carb w BC,		
BG11-120	79.40	80.67	C0821	1.27	<.03	15% leux, cse diss py in chl+sil vn @50		
BG11-120	**80.67**	**81.80**	**C0822**	**1.13**	**0.549**	0.4+0.1 m zone w 50% epd @38, 3% cse diss py		
BG11-120	**81.80**	**83.24**	**C0823**	**1.44**	**0.617**	3*1/8" 30% cse py vns @68		
BG11-120	**83.24**	**84.00**	**C0824**	**0.76**	**0.549**	5*1/8" 30% cse py vns @68		
BG11-120	86.20	87.60	C0825	1.40	<.03	qtz-carb-ank vein across core @1-5 w 10% chl wallrock frag, 1% py		
BG11-120	87.60	89.00	C0826	1.40	<.03	qtz-carb-ank vein across core @1-5 w 10% chl wallrock frag, 1% py		
BG11-120	92.05	92.63	C0827	0.58	<.03	2*1/2" qtz-carb vns @45, 3% cse diss py		
BG11-120	94.70	95.40	C0828	0.70	1.475	1*4cm sil-chl vein @70 ass w 8% leux and 3% mg diss py; 1*5 cm bull qtz-ank vn @40	1.303	1.646
BG11-120	**95.40**	**96.00**	**C0829**	**0.60**	**0.617**	**5% faint leux some shr'd near vn, 1*7cm qtz-ank vn w 70% cse py @70**		
BG11-120	96.00	96.70	C0830	0.70	0.137	8% leux, 2% cse diss py ass w vug epd + thin carb vns @40		
BG11-120	98.10	98.90	C0831	0.80	0.343	10% leux, 1*0.5 cm qtz-epd vn w 5% fg diss py @70		
BG11-120	103.20	104.00	C0832	0.80	<.03	15% leux, 12*0.3 carb veins @70, 1% cse diss py ass w epd+mag		
BG11-120	104.00	104.80	C0833	0.80	2.538	15% leux stly ass w lg 20 cm sil-chl sh'd zone @35 w 60% cse diss py + mg vn py; 80% py also in 2*0.2 cm vns	2.469	2.606
BG11-120	104.80	105.60	C0835	0.80	<.03	5% leux conc w 2*0.5 cm ank vns @50; 1* 0.1 cm vns of 20% py+epd @50		
BG11-120	111.85	113.05	C0836	1.20	<.03	2*0.4 cm qtz-ank vns @50, 3*0.2 cm fg py vns ass w epd		
BG11-120	113.05	114.15	C0837	1.10	<.03	3*0.2-0.4 cm qtz-ank vns @50, minor py ass w 0.1 cm qtz vns		
BG11-120	115.45	117.00	C0838	1.55	<.03	2*4 cm chl-ank shear zones @55 w <1% cse py ass w vns and fg diss py		
BG11-120	117.00	118.00	C0840	1.00	<.03	<2% cse diss py ass w epd		
BG11-120	118.00	119.45	C0841	1.45	<.03	0.2 cm ank-epd vns @30 cont <1% fg py		
BG11-120	119.45	120.30	C0842	0.85	<.03	<1% cse diss py ass w epd blobs + 0.2 cm ank vns @65, incr 2% py @119.8 m w incr leux		
BG11-120	120.30	121.70	C0843	1.40	<.03	1*0.4 cm chl-ank vns w 2% cse py @35; 2% cse diss py ass w 5% leux		
BG11-120	121.70	122.60	C0844	0.90	<.03	BC w <1% fg diss py		
BG11-120	125.60	126.40	C0845	0.80	0.274	1*1 cm qtz-chl-ank vn @45 w 3% cse diss py and minor cpy?; <1% mg diss py		
BG11-120	129.00	129.85	C0846	0.85	0.274	1*0.8 cm qtz-ank vn w 80% cse py @70		
BG11-120	129.85	131.00	C0847	1.15	<.03	3*0.2-0.4 cm sil-ank vns w 80% mg py @50, 3% cse diss py		
BG11-120	131.00	132.10	C0848	1.10	0.069	3*0.2 cm sil-ank vns w 80% mg py @50		
BG11-120	132.10	133.30	C0849	1.20	0.137	4*0.1 cm sil-ank str'g vns w 80% mg py @50		

Hole_ID	From	To	Sample_#	Length	Au ppm	Description	Au ppm_ck	Au ppm-ck2
BG11-120	133.30	135.00	C0850	1.70	<.03	2% diss spec hem, 1*0.5 cm bull chl-ser-ank shear'd zone @ 70		
BG11-120	136.50	137.90	C0851	1.40	<.03	2% diss spec hem, min 0.3 cm bull ank veins @50		
BG11-120	137.90	139.30	C0852	1.40	0.206	2*0.3 cm sil-ank vns w 5% py @50, <1% fg diss py		
BG11-120	**139.30**	**140.40**	**C0853**	**1.10**	**0.686**	**3*0.5 cm, 1*3 cm sil-dol vns @50 w 50-80% cse py, 2% diss spec hem**		
BG11-120	140.40	141.60	C0855	1.20	<.03	2% diss spec hem, 1*0.3 cm sil-ank vn w minor cse py		
BG11-120	141.60	142.50	C0856	0.90	0.069	cse py ass w dk blk areas of sil-ank, 1*0.4 cm sil-ank vein w 50% mg diss py @		
BG11-120	142.50	143.50	C0857	1.00	0.069	1*0.6 cm sil-ank vn @50 w 60% cse py, 2% diss spec hem		
BG11-120	147.40	148.15	C0858	0.75	<.03	2% cse diss py and 2*0.1 cm ank vns @45 w py; 1*1cm ank-ser vn w 90% py @50		
BG11-120	150.30	151.90	C0859	1.60	<.03	hly hem w spec hem in 0.2 mm ank vns w mn cse py		
BG11-120	151.90	153.28	C0860	1.38	<.03	2*0.1 cm vns sil-ank vns w cse py, 2% cse diss py ass w areas of bk sil		
BG11-120	153.28	154.70	C0861	1.42	<.03	3% cse diss py and 5*0.1 cm sil-py vns @35 w cse py; 1*1 cm sil-py vn w 80% anh py (no dist faces) @35		
BG11-120	157.20	158.30	C0862	1.10	<.03	<1% 0.5 cm blobs of py ass w 0.2 cm vns of pk ank		
BG11-120	160.60	161.90	C0863	1.30	<.03	Stringy, 0.1-0.5 cm blk sil-ank-ser vns @45 w <2% mg py, cse diss py		
BG11-120	162.00	162.70	C0865	0.70	<.03	Stringy, 0.1 cm vns of hem ass w cse diss py, hly ser'z, bull brecc 2-4 cm qtz-carb vn @45		
BG11-120	162.70	163.80	C0866	1.10	<.03	0.3 cm blobs of py and 0.1 cm sil fract w ass py @45. vuggy 0.1cm ank vns w mn fg py		
BG11-120	164.35	165.50	C0867	1.15	<.03	<1% cse diss py, bull chl-ser-sil shear zone		
BG11-121	16.15	17.35	C0868	1.20	0.137	<2% fg py diss in sil'f zones, poss arseno? Low ang slip qtz vn @20		
BG11-121	**19.95**	**20.73**	**C0869**	**0.78**	**0.617**	**Thin gy 0.1 cm qtz stringers w >60% cse py @30 throughout bleac'd core**		
BG11-121	21.00	22.25	C0870	1.25	0.274	1*0.3 cm qtz-ank vn w 80% cse py, cse py also along thin qtz stringers, poss arseno?		
BG11-121	24.00	25.10	C0871	1.10	0.069	1*1 cm qtz vn@50 w >75% cse py, mn diss fg py		
BG11-121	29.08	30.00	C0872	0.92	<.03	1*1 cm qtz vn@20 w 60% cse py, mn diss fg py		
BG11-121	30.00	31.30	C0873	1.30	<.03	1*3 cm bull qtz-carb vn w chl-ser alt, mn spec hem		
BG11-121	34.35	35.50	C0874	1.15	<.03	1*1 cm qtz-carb vn w mg py ass w ser, 2% cse diss ass w sil'f zones		
BG11-121	37.40	38.65	C0875	1.25	<.03	bull sample, hly shear'd chl-ser, bull qtz-carb vein @35		
BG11-121	43.70	45.10	C0876	1.40	<.03	mn py ass w 0.1-0.2 cm pk qtz-ser-carb vns @25, qtz-ank-ser-chl sheared zones @45		
BG11-121	**15.30**	**16.00**	**C0877**	**0.70**	**0.274**	**4 cm zone of brecciated quartz vn @25 w mn cse py, 0.1 cm blk sil stringers w mn py**		
BG11-121	45.10	46.60	C0878	1.50	<.03	Lg gn hly chl sheared @35; 0.1-0.3 cm qtz-carb vns w 1% fn to cse py parallel to CA		
BG11-121	46.60	48.00	C0879	1.40	0.206	1*5 cm bk sil'd zone w 80% fg diss py		
BG11-121	54.65	56.20	C0881	1.55	<.03	2*0.2-0.4 cm qtz-carb vns w mn fg diss py		
BG11-121	57.90	58.50	C0882	0.60	0.069	BC w <1% fg diss py		
BG11-121	58.5	59.5	C0883	1.00	0.343	**hly sil'd zone w 3% leux and >70% cse py ass w sil'd zones, qtz-carb vns @25**		
BG11-121	59.50	60.50	C0884	0.60	0.069	mn py ass w 0.1-0.2 cm qtz-carb vns		
BG11-121	60.50	61.10	C0885	1.90	0.206			
BG11-121	61.10	63.00	C0886	1.90	<.03			
BG11-121	63.00	64.50	C0887	1.50	0.274	BC w zones w <1% cse diss py		
BG11-121	64.50	65.30	C0888	0.80	0.411	2% cse diss py ass w zones w 10% leux, epd + 1*0.4 cm qtz-carb vn		
BG11-121	65.30	66.60	C0889	1.30	<.03	mn cse py ass w 0.1 cm qtz stringers + zones w epd alt		
BG11-121	66.60	68.00	C0891	1.40	<.03	2*0.4 cm bull qtz-carb vns w bk 0.1 cm crosscutting sil stringers w 3% md py parallel to CA		
BG11-121	68.00	69.30	C0892	1.30	0.069	1*15 cm zone w <10% leux ass w 10% cse diss py, 1*1 cm vuggy qtz-carb vn @30 w 2% md to cse diss py		
BG11-121	69.30	70.70	C0893	1.40	0.480	1*8 cm blk sil'd zone w 80% blky cse diss py, 2% cse py ass w 0.1-0.2 cm qtz-carb vns @ 30		
BG11-121	70.70	71.85	C0894	1.15	<.03	3*0.4 bull carb vns @30 w crosscutting 0.1 cm sil'd blk stringers w <1% cse py		
BG11-121	71.85	72.90	C0895	1.05	<.03	BC poss slip w chl-ser-sil alt, mn bull carb vns		
BG11-121	72.90	74.30	C0896	1.40	2.332	1*10 cm zone w 20% leux + 20% md to cse diss py	2.194	2.469
BG11-121	76.60	78.00	C0897	1.40	<.03	1*1 cm bull qtz-carb vn @ 30, mn 0.4 cm ank vns w 10% py		
BG11-121	78.00	79.40	C0898	1.40	<.03	1*4 cm bull chl-ser shear zone		
BG11-121	79.40	80.40	C0899	1.00	<.03	1*1 cm qtz vn w <1% py, 1*2 cm bull vuggy carb-chl vn both @ 35		
BG11-121	82.60	84.00	C0900	1.40	0.137	4* 0.5-2 cm bull vuggy carb vns @ 35 w cross cutting 0.1-0.2 cm ank-epd stringers w 2-3% fg py		
BG11-121	85.30	86.50	C0901	1.20	0.343	2% mg to cse diss py + <0.1 cm py containing qtz-epd stringers ass w 10% leux		
BG11-121	**86.50**	**87.30**	**C0902**	**0.80**	**0.686**	**70% cse diss py in sil'd zone w 20% leux, also ass along 0.2 cm epd vns @30**		
BG11-121	87.30	88.90	C0904	1.60	<.03	2*1-2 cm bull vuggy qtz-carb vns @ 30 crosscut by <0.1 cm qtz-epd stringers w 50% py		

Hole_ID	From	To	Sample_#	Length	Au ppm	Description	Au ppm_ck	Au ppm-ck2
BG11-121	88.90	90.40	C0905	1.50	0.137	1*0.5 cm qtz-carb vn w ass <1% cse py; mn cse diss soft metallic grey to purple telluride also present??		
BG11-121	90.40	91.70	C0906	1.30	<.03	2* 1-1.5 cm bull vuggy qtz-carb vns, 1*5cm sheared chl-epd zone		
BG11-121	93.00	94.20	C0907	1.20	<.03	BC w mn fg diss py, 1*2 cm bull wht qtz vn @ 30		
BG11-121	94.80	96.00	C0908	1.20	0.069	1*0.5 cm qtz-carb vn w ass mn py, epd		
BG11-121	96.00	97.30	C0909	1.30	0.480	2% cse diss py ass w zones w 10-15 % leux; chl-carb slip ass w cse diss py		
BG11-121	97.30	98.90	C0910	1.60	0.206	4*<0.1 cm qtz-carb stringers w 5% cse py @30		
BG11-121	**98.90**	**100.25**	**C0911**	**1.35**	**0.960**	**1*1 cm qtz-carb vn w 5% cse py @30**		
BG11-121	100.25	101.60	C0912	1.35	0.206	8% leux, mn <1% cse diss py + along <0.1 cm stringers		
BG11-121	101.60	103.10	C0913	1.50	1.063	15% leux, hly sil'd, w 2% fg to cse diss py; <1% fg py and poss arseno? along 2*1 cm qtz-carb vns	1.166	0.960
BG11-121	103.10	104.30	C0914	1.20	4.029	zone of qtz-carb flooding w 3% mg py, 70% yellow leux	4.149	3.909
BG11-121	104.30	105.30	C0916	1.00	0.343	Hly chl zone w 70% leux, 0.1-0.4 cm qtz-carb vns + 2% fg diss py		
BG11-121	105.30	106.40	C0917	1.10	0.754	Hly sheared chl-ser-carb-sil zone w pink ank @ 35 w 10 cm zone of fault gauge		
BG11-121	106.40	107.60	C0918	1.20	2.263	Hly sheared and chl'd zone w brecciated carb, mildly sil'd w ser alt, very mn fg py @30	1.714	2.811
BG11-121	107.60	109.45	C0919	1.85	0.274	Hly sheared and chl'd zone gen @30 w brecciated carb, mildly sil'd w ser alt; 1*0.1 cm red hem stringer		
BG11-121	109.45	110.60	C0920	1.15	<.03	Hly sheared and chl'd zone w brecciated carb, mildly sil'd, very mn fg py		
BG11-121	110.60	112.00	C0921	1.40	<.03	1*3 cm carb-chl vn @30 w 15% cse py, <1% mg diss py		
BG11-121	112.00	113.50	C0922	1.50	<.03	2% mg to cse diss py, zones w brecciated carb + chl-ser alt; leux seem to be alt red		
BG11-121	113.50	114.80	C0923	1.30	<.03	2% mg to cse diss py ass around 0.1-0.3 cm carb-chl vns @40		
BG11-121	114.80	116.00	C0924	1.20	0.137	2 cm sil-carb-chl-ser zone w 15% leux, hly chl'd + 15% cse diss py, hly sheared w slight brecciation in carb		
BG11-121	116.00	117.00	C0925	1.00	<.03	1*0.2 cm vuggy carb-qtz vn w mn diss py, spec hem@20, 2 cm carb-qtz-chl shear zone w mn diss py @35		
BG11-121	117.00	118.60	C0926	1.60	<.03	1*2 cm carb-chl vn w 35% diss metallic grey/blue spec hem/moly?, mn diss py		
BG11-121	121.20	122.60	C0927	1.40	0.069			
BG11-121	125.00	126.00	C0928	1.00	0.274	BC w epd and hem'd zones, 2 cm zone of chl-ser shear w diss hem, fg py		
BG11-121	127.00	128.45	C0929	1.45	<.03	1*0.2 cm carb vn w epd alt @30 w 35% mg py, 1*1 cm bull ank vn @25, stng epd vns		
BG11-121	132.85	133.80	C0930	0.95	0.069	2*2-3 cm chl-carb-qtz shear zones @40-45 w 3-5% leux + 1% cse diss py		
BG11-121	133.80	134.70	C0931	0.90	<.03	2% leux, 5% epd vein, 3*0.2 cm bull carb vns @ 60		
BG11-121	134.70	135.40	C0932	0.70	1.303	**1*1 cm qtz-carb vn w >80% cse py, 1*3 cm vuggy qtz-carb vn w 10% mg py, 2% leux, 2% cse diss py**	1.166	1.440
BG11-121	135.40	136.20	C0934	0.80	<.03	3*0.2-0.5 cm carb-chl vns @40 w mn mg diss py		
BG11-121	142.50	143.50	C0935	1.00	<.03	10% leux, <1% mg to cse diss py, 1*1cm bull qtz-carb vn @40		
BG11-121	143.50	144.35	C0936	0.85	<.03	<1% v cse diss py blobs		
BG11-121	146.00	147.00	C0937	1.00	<.03	BC w <1% mg to cse diss py, 1*2cm bull qtz-breccia in fault gouge		
BG11-121	148.10	149.10	C0938	1.00	<.03	BC w 3% cse diss py, 10% leux in zone w 4*0.1 carb-epd stringer vns w 10% mg py		
BG11-121	149.10	150.00	C0939	0.90	0.069	10% leux ass w 10 cm zone of 5% mg diss py, 2*0.1 carb-epd stringer vns w 10% mg py		
BG11-121	150.00	151.00	C0940	1.00	0.343	**5 cm zone of carb-chl-epd-magn + 60% cse diss py @30**		
BG11-121	**151.00**	**151.80**	**C0942**	**0.80**	**0.686**	**15% leux ass w a 10 cm zone of carb-chl-sil-epd + 70% cse anh diss py**		
BG11-121	153.00	154.30	C0943	1.30	0.343	BC w 2% cse diss py, 0.1 cm epd vns w 2% py @40		
BG11-121	154.30	155.30	C0944	1.00	<.03	2% mg diss py; 1*3 cm zone w 5% leux, epd alt and 0.5 cm whispy ank vns w 20% cse diss py		
BG11-121	155.30	156.00	C0945	0.70	0.274	3% leux, 1*4 cm bull carb vn @40, hly chl'd, mn fg diss py		
BG11-121	166.10	167.30	C0946	1.20	0.069	2% epd vns, 3% leux ass w 3 cm chl-epd-carb shear zone @40		
BG11-121	171.50	172.80	C0947	1.30	<.03	4*0.2-1 cm carb-qtz-chl-epd vns @35 ass w 1% cse diss py		
BG11-121	172.80	174.10	C0948	1.30	<.03	2*4 cm qtz-carb-magn vns @35 w <1% cse py, mn spec hem; 0.1-0.3 cm qtz-carb vns @50 + 0.1-1 cm mag vns @35 ass w 2% leux + 1% cse diss py		
BG11-121	174.10	175.10	C0949	1.00	<.03	BC w 2% cse diss py, 4*0.3 cm bull carb vns @40		
BG11-121	175.10	176.00	C0950	0.90	0.137	BC w 2% cse diss py, 1*0.2 cm qtz-carb vn w 80% cse py		
BG11-121	176.00	177.00	C0951	1.00	0.480	BC w 2% cse diss py		
BG11-121	177.00	178.40	C0952	1.40	0.274	red to gy sample w 10% leux, zone of 0.2-3 cm qtz-carb vns @45 w chl alt, 1% cse py		
BG11-121	178.40	179.80	C0953	1.40	0.343	lg gn to dk gr/red sample w 0.5-1 cm qtz-carb vns @40 w 1-2% mg to cse py; 2% leux ass w 5 cm zone of qtz vns		

Hole_ID	From	To	Sample_#	Length	Au ppm	Description	Au ppm_ck	Au ppm-ck2
BG11-121	**182.60**	**183.80**	**C0954**	**1.20**	**0.960**	**BC w 3-5% cse diss py, 8% leux, 0.1-0.2 cm carb vns w 80% mg py**		
BG11-121	183.80	184.50	C0956	0.70	0.137	BC w <1% cse diss py, epd vns		
BG11-121	184.50	185.55	C0957	1.05	0.343	1* 4 cm blocky carb vn @30 w mn fg py; 2*0.3 cm qtz-carb vns @20 w cse py; 2% leux		
BG11-121	186.60	187.80	C0958	1.20	0.480	2% cse diss py ass w epd vns; 3*0.5 cm blk qtz vns @35 w mn mg py		
BG11-121	187.80	189.00	C0959	1.20	0.411	4*0.1-0.2 epd vns w 70% cse py @35; 1*4 cm carb-epd vn @35 w mn cse py		
BG11-121	189.00	190.40	C0960	1.40	<.03	3*0.1-0.3 epd-chl vns @35 w 80% mg py		
BG11-121	190.40	191.40	C0961	1.00	<.03	15% leux ass w a 10 cm chl-epd-carb-qtz fault @45 w mn mg diss py		
BG11-121	194.50	195.50	C0962	1.00	<.03	1*4 cm bull epd-mag-chl vn w @30 w ass 5% leux		
BG11-121	**199.80**	**201.00**	**C0963**	**1.20**	**0.891**	**1*1 cm carb-epd-chl vn @35 w 2% euh v cse g diss py; 10% leux ass w a 5 cm vuggy qtz-carb vn @35 w epd-mag-chl alt + mn mg diss py**		
BG11-121	204.00	205.00	C0964	1.00	<.03	>1% cse diss py ass w zones of epd and epd-chl-qtz-carb shear @30		
BG11-121	208.90	210.00	C0965	1.10	<.03	1*4 cm chl-epd shear @40 w 5% leux + 1% fg to cse diss py; 1*5 cm zone of red hem'd carb <1% euh cse py		
BG11-121	213.00	214.20	C0966	1.20	<.03	1*0.5 cm carb-epd-chl flt @40 w 2% cse diss py; 1 bull 0.7 cm carb-epd-chl vn @ 25		
BG11-121	215.10	216.00	C0967	0.90	<.03	2% leux, <1% cse diss py ass w epd vns; 2*<1 cm bull qtz-carb vns @40		
BG11-121	216.00	217.10	C0968	1.10	<.03	1% fg diss py ass w zones of mag, epd; 2% leux ass w 0.2 cm bull qtz-ank vns @45		
BG11-122	10.20	12.00	C1141	1.80	0.343			
BG11-122	12.00	12.50	C1142	0.50	<.03	flt imm foll by 0.2m bull qv w 10% ank+10% em gn wall frag's		
BG11-122	12.50	13.50	C1143	1.00	<.03			
BG11-122	13.50	15.00	C1145	1.50	<.03			
BG11-122	15.00	16.50	C1146	1.50	<.03			
BG11-122	16.50	18.00	C1147	1.50	<.03			
BG11-122	18.00	19.00	C1148	1.00	0.137			
BG11-122	19.00	20.10	C1149	1.10	<.03			
BG11-122	20.10	21.10	C1150	1.00	0.343	flt imm prec by 0.2m v hily sil'd med-dk gy w 0.07m wt q frag's+ w 15% cse d py- imm foll by 0.1m q-ank w 1/8" ct's of 20% cse py vn's		
BG11-122	21.10	21.80	C1152	0.70	0.343	2* 1/8" chl-sil fract's w 20% cse+f d py@72		
BG11-122	21.80	23.00	C1153	1.20	0.069	0.4m wy hem'd+hily sil'd w 10% dk gy chl-sil w 25% cse d py@60		
BG11-122	23.00	23.60	C1154	0.60	<.03	2* 1/8" cse py vn's w 40% cse@65		
BG11-122	23.60	24.40	C1155	0.80	0.274	0.3m hily sil'd+mody hem'd w 70% cse py vn's to 0.05m@65; 3/4" wt qv in 0.1m med gy sil-chl w 5% cse d py		
BG11-122	24.40	25.20	C1156	0.80	<.03	1/4" chl-sil vn w 15% cse d py@62		
BG11-122	25.20	25.90	C1157	0.70	<.03			
BG11-122	25.90	27.00	C1158	1.10	0.069			
BG11-122	27.00	27.70	C1159	0.70	<.03	3/4" chl-sil vn w 3% cse d py@32 x-cut by later q-ank+10% cse d py 1/2" @120		
BG11-122	27.70	28.90	C1160	1.20	0.069			
BG11-122	28.90	29.40	C1161	0.50	0.480	3/4" dk gy qv @56 w 10% f+cse d py; 1/2" dull wt-pa gy qv w 4% cse d py@56		
BG11-122	29.40	30.00	C1162	0.60	0.206	1" wk sil-chl@53 w 5% cse d py		
BG11-122	30.00	31.50	C1163	1.50	0.069			
BG11-122	31.50	33.00	C1164	1.50	0.069	1" wk sil-chl@53 w 5% cse d py		
BG11-122	33.00	34.50	C1165	1.50	<.03			
BG11-122	34.50	35.30	C1166	0.80	<.03			
BG11-122	35.30	36.15	C1167	0.85	0.069	1/4" 50% cse py vn@65+0.2m wk sil-chl@73 w 5% cse d py		
BG11-122	36.15	37.50	C1168	1.35	0.069			
BG11-122	37.50	38.60	C1169	1.10	0.137	hily bl'd		
BG11-122	38.60	39.50	C1170	0.90	<.03			
BG11-122	**39.50**	**40.20**	**C1171**	**0.70**	**0.686**	**flt imm foll by 3/4" med gy qv w 70% cse py vn; 1/4"70% cse py vn@70**		
BG11-122	40.20	41.30	C1173	1.10	<.03			
BG11-122	41.30	42.00	C1174	0.70	<.03	1/2" 60% cse py vn@57;		
BG11-122	42.00	42.90	C1175	0.90	0.411	0.05m ser'd olive gn w 5% cse d py+w 1/4" 40% cse py vn+ imm prec by 0.15m wy hem'd-all@75		

Hole_ID	From	To	Sample_#	Length	Au ppm	Description	Au ppm_ck	Au ppm-ck2
BG11-122	42.90	43.55	C1176	0.65	3.600	1/8" 60% cse py vn@70 in hily bl'd por; flt @ct imm foll by intense shr w 0.25m hem'd orage myl w 0.05m dk gy q-chl-sil vn @70 w 35% cse py vn's+ hem'd zone has 45% cse d+ vn py+10% dk gy q frag's+ ser'n; well min'd	3.771	3.429
BG11-122	43.55	44.50	C1178	0.95	0.069	0.05m 20% leuco+ hily bl'd+ sil'd w 5-8% cse d py@70		
BG11-122	44.50	45.55	C1179	1.05	0.274	0.4m 20% leuco+ hily bl'd+ hily sil'd buff-br w 20-25% cse d+ vn py@60		
BG11-122	**45.55**	**46.45**	**C1181**	**0.90**	**0.960**	**0.1m 20% leuco+ hily bl'd+ hily sil'd mauve w 45% cse d+ vn py@65**		
BG11-122	46.45	46.95	C1182	0.50	0.137	0.1m 20% leuco+ mody bl'd+ wy sil'd buff-br w 20-25% cse d+ vn py@70		
BG11-122	46.95	47.75	C1183	0.80	0.069			
BG11-122	47.75	48.40	C1184	0.65	0.069	BC of other por @48.0-48.2m ignored footage-did not sample-looks out of place-no alt'n of blk dio; ct		
BG11-122	48.40	49.35	C1185	0.95	<.03	2" q-ank-chl pk bull vn@65		
BG11-122	66.00	67.10	C1186	1.10	<.03	wy hem'd to pk; 5% chl@45; 5% q-ank@45 bullish		
BG11-122	69.30	70.50	C1187	1.20	<.03	wy bl'd; 5% q-ank bullish@55		
BG11-122	72.35	73.10	C1188	0.75	<.03	mody bl'd olive gn; ser'n@75; no py		
BG11-122	74.70	75.40	C1189	0.70	<.03	0.05m bull qv@70 w 10% chl		
BG11-122	75.40	75.90	C1190	0.50	<.03			
BG11-122	75.90	76.80	C1191	0.90	<.03	BC of other por @76.4-76.75m ignored-looks out of place; 0.4m 5-6% cse d py wy bl'd-GC		
BG11-122	76.80	77.50	C1192	0.70	<.03			
BG11-122	80.20	81.10	C1193	0.90	<.03	bull 0.1m dull wt qv@57 w 3% spec asic crystals		
BG11-122	87.90	88.85	C1194	0.95	<.03	3/4" bull chl-qtz vn@72 w 10% ank		
BG11-122	88.85	89.50	C1195	0.65	<.03	0.2m q-ank vn w 1/2" ct's of chl w 2% cse		
BG11-122	94.05	95.05	C1196	1.00	<.03			
BG11-122	95.05	95.65	C1197	0.60	0.069	3/4" chl-sil vn w 5% cse+f d py@65 imm prec by flt		
BG11-122	**95.65**	**96.35**	**C1198**	**0.70**	**0.960**			
BG11-122	96.35	97.40	C1199	1.05	0.274	hem'd mody w 3% cse d py		
BG11-122	**97.40**	**98.40**	**C1200**	**1.00**	**0.549**	**tight moly flt imm foll by 0.1m mody hem'd w 2* 1/8" chl-sil vn's@40; ser'd**		
BG11-122	105.95	106.95	C3101	1.00	0.206	ser'd imm foll by 0.1m wy sil'd w 20% dk gy sil-chl@62; 1/4" chl-q-ank vn w 20% cse d py@70		
BG11-122	106.95	107.85	C3102	0.90	0.137	wy hem'd w 3-4% cse d py locy conc		
BG11-122	107.85	109.05	C3103	1.20	<.03			
BG11-122	116.25	117.50	C3105	1.25	0.411	10% q-ank vn's; 1% cse d py locy conc@65		
BG11-122	117.50	118.60	C3106	1.10	<.03	flt imm foll by 1/4" chl-sil		
BG11-122	120.15	121.15	C3107	1.00	0.206	0.1m ser'd olive gn w 8% cse d py+ 0.1m q-ank vn@72		
BG11-122	123.00	123.70	C3108	0.70	<.03	1/4" chl-sil vn@62-no py in wy hem'd; flt imm foll by 1/4" chl		
BG11-122	134.50	135.55	C3109	1.05	<.03	inc'g bl'd		
BG11-122	135.55	136.45	C3110	0.90	0.069	intensely bl'd bone wt centred on 0.3m bx w 5% chl-BRK+ w 3* 1/8" 70% cse py vn's@77		
BG11-122	136.45	137.40	C3112	0.95	0.137	hily bl'd; 0.2m BC; 0.1m late q-ank vn w 30% ang wallrock frag's@63		
BG11-122	137.40	139.00	C3113	1.60	0.069			
BG11-122	139.00	139.75	C3114	0.75	0.137	1/4" chl vn in ank w 15% cse d py@63; 1/4" 30% cse py vn@32		
BG11-122	139.75	141.00	C3115	1.25	<.03	1.00		
BG11-122	**141.00**	**141.55**	**C3116**	**0.55**	**0.549**	**v hily bl'd olive gn w 25% q-ank@70-83**		
BG11-122	141.55	142.40	C3117	0.85	3.086	mody sil'd; mody bl'd; ser'd-chl'd; shr'd; 20% cse d py+ 2* 1/4" chl-sil vn's dk gy @61	3.291	2.880
BG11-122	142.40	143.40	C3119	1.00	0.480			
BG11-122	143.40	143.95	C3120	0.55	<.03			
BG11-122	143.95	145.40	C3121	1.45	<.03			
BG11-122	145.40	146.05	C3122	0.65	0.137	1/4"-1/2" pa gy qv@20 assd w 30%q-ank-no py		
BG11-122	146.05	146.85	C3123	0.80	<.03			
BG11-122	146.85	148.20	C3124	1.35	<.03			
BG11-122	148.20	149.40	C3125	1.20	<.03			
BG11-122	**149.40**	**150.30**	**C3126**	**0.90**	**0.617**	**flt's in hily bl'd ser'd w 5% cse d py**		
BG11-122	**150.30**	**151.35**	**C3127**	**1.05**	**0.754**	**0.1m hem'd brick red@69 w 5% cse d py; 1/4" 70% cse py vn@70; 3% cse d py overall in hily bl'd ser'd**		
BG11-122	151.35	152.40	C3129	1.05	1.406	mody sil'd+hem'd w ser'n+30% bands 1/8"-1" 85% cse py @52-90	1.509	1.303
BG11-122	152.40	153.10	C3131	0.70	1.097	hily bl'd wy sil'd w 8% cse d py+ 1/2" 80% cse py vn@74	1.097	1.097

Hole_ID	From	To	Sample_#	Length	Au ppm	Description	Au ppm_ck	Au ppm-ck2
BG11-122	153.10	154.05	C3132	0.95	0.274	5% cse d + vn py on chl fract's		
BG11-122	154.05	155.20	C3133	1.15	0.137	wy bl'd+wy ser'd+2% cse d py		
BG11-122	155.20	156.30	C3134	1.10	0.069	3% cse d py		
BG11-122	156.30	157.60	C3135	1.30	0.343	8% cse d py; freshens quickly downhole		
BG11-122	157.60	158.35	C3136	0.75	0.137			
BG11-122	164.30	165.20	C3137	0.90	0.206	0.2m hily bl'd wy sil'd w ser'n+2% cse d py@68+ w 10% q-ank		
BG11-122	167.30	168.20	C3138	0.90	<.03	slip in 1" chl-ser; 1/2" dull wt qv assd w q-ank+chl+ser@35 w 1-2% cse d py		
BG11-122	168.20	169.55	C3139	1.35	<.03	2% q-ank 1/8" vn's@80		
BG11-122	169.55	170.25	C3140	0.70	<.03	0.15m w 30% chl fract's@74- no py		
BG11-122	170.25	171.00	C3141	0.75	<.03			
BG11-123	12.70	14.00	C4067	1.30	<.03	1/2" q-ank vn@30		
BG11-123	14.00	15.00	C4068	1.00	<.03			
BG11-123	15.00	16.00	C4069	1.00	<.03	1" q-ank vn@19 imm prec by 0.4m pur hue+30% ank+3% cse d py+15% leuco		
BG11-123	16.00	16.50	C4070	0.50	<.03			
BG11-123	16.50	17.00	C4071	0.50	0.137	1/4" 80% cse py vn@35 in 20% leuco		
BG11-123	17.00	18.00	C4072	1.00	<.03			
BG11-123	**18.00**	**19.50**	**C4074**	**1.50**	**0.960**	**last 0.3m 20% leuco@45 w 5-8% cse d py**		
BG11-123	19.50	21.00	C4075	1.50	1.132	20% leuco@45 w 5-8% cse d py	1.166	1.097
BG11-123	21.00	22.50	C4076	1.50	<.03			
BG11-123	22.50	23.35	C4077	0.85	<.03			
BG11-123	23.35	24.30	C4078	0.95	<.03	15% leuco+15% q-ank vn's to 1/2" @45 w 5% cse d py		
BG11-123	24.30	25.60	C4079	1.30	<.03			
BG11-123	25.60	27.00	C4080	1.40	<.03			
BG11-123	27.00	27.80	C4081	0.80	<.03			
BG11-123	27.80	29.00	C4082	1.20	<.03	dull wt q-ank vn@10-20 w speck+ 5% cse d py locy conc		
BG11-123	29.00	30.00	C4083	1.00	<.03	last 0.2m q-ank vn@45 mauve w 5% cse d py		
BG11-124	6.80	8.00	C2342	1.20	<.03	at 6.8m flt with carb+chl at 45 deg TCA; tr py		
BG11-124	8.00	8.60	C2343	0.60	<.03	8.5m 0.5cm wide chl +qtz band with 2-5% diss py at 55 deg TCA		
BG11-124	8.60	9.20	C2344	0.60	<.03	10% carb vn'ing		
BG11-124	9.20	10.00	C2346	0.80	0.069	9.45 to 9.7m 5-10% py in irregular frac's in FP at Syn-FP contact, weak prev oxy'd hem		
BG11-124	10.00	11.10	C2348	1.10	<.03	<5% carb vn'ing		
BG11-124	11.10	11.60	C2349	0.50	0.411	11.35 to 11.5m subparallel frac's at 45 deg TCA with adjacent carb vn'ing and 3-5% py in 1 cm vn's		
BG11-124	11.60	12.50	C2350	0.90	<.03	tr py; negl vn'ing		
BG11-124	14.70	15.20	C2351	0.50	0.069	3mm wide 90% py vn at 15m at margin of a 3cm wide carb+qtz vn at 40 deg TCA		
BG11-124	17.60	18.10	C2352	0.50	<.03	three 1mm wide frac's with py 20 to 35 deg TCA; overall 1% py		
BG11-124	19.90	20.60	C2353	0.70	0.069	at 20m 4mm wide bone white qtz vn qith py on margins at 40 deg TCA		
BG11-124	20.60	22.10	C2354	1.50	<.03	sample on outside of upcoming shear; 1% py		
BG11-124	**22.10**	**22.60**	**C2355**	**0.50**	**2.126**	**22.1 to 22.5m strong localized shear at 30 to 50 deg TCA with 2.5cm wide 50% py+minor cpy vn grey qtz+dol vn'ing+chl+oxy'd hem**	2.057	2.194
BG11-124	22.60	23.20	C2357	0.60	<.03	10-15% qtz+dol vn'ing 55 to 70 deg TCA+ perv ser+chl alt'n with fol'n fabric at 20-40 deg TCA; tr py		
BG11-124	23.20	23.70	C2358	0.50	<.03	23.4 to 23.58m 45 to 50 % purple qtz vn'ing + white qtz+dol vn's +chl in frac's in Tuff at FP-Tuff contact at 55 to 65 deg TCA; 1-2% py in wk frac's		
BG11-124	23.70	25.10	C2359	1.40	0.069	weak slips with chl; 1-3% diss py in matrix; at 25m flt-slip at 25 deg TCA with chl+qtz-dol+ minor py 3mm wide		
BG11-124	27.60	28.30	C2360	0.70	<.03	subparallel qtz-dol vn'ing up to 0.25 cm wide at 20 to 25 deg TCA with 3-5% spec hem; at 28.1 to 28.2m flt-slip at 20 deg TCA with qtz-dol - py		
BG11-124	30.30	31.70	C2361	1.40	<.03	subparallel qtz-dol vn'ing up to 0.25 cm wide at 40 to 55 deg TCA with 3-5% spec hem; 1-3% diss py in matrix		
BG11-124	31.70	33.20	C2362	1.50	<.03	subparallel qtz-dol vn'ing up to 0.25 cm wide at 40 to 55 deg TCA with 3-5% spec hem; 1-3% diss py in matrix; Tuff - FP contact at 33.08		
BG11-124	33.20	34.70	C2363	1.50	0.069	weak-mod frac'ing with ser; 5% qtz-dol vn'ing; 3-5% diss py in matrix		
BG11-124	34.70	35.30	C2364	0.60	<.03	34.9 to 35m subparallel 1 to 4mm wide qtz + py vn's at 60 deg TCA with perv oxy'd hem		

Hole_ID	From	To	Sample_#	Length	Au ppm	Description	Au ppm_ck	Au ppm-ck2
BG11-124	35.30	36.30	C2365	1.00	<.03	weak to mod hairline frac'ing with 1-3% py overall with wk perv red oxy'd hem +ser		
BG11-124	36.30	37.80	C2366	1.50	<.03	as above; FP-Syn contact at 37.8m		
BG11-124	39.10	39.60	C2367	0.50	<.03	mod frac'ing at 20 to 40 deg TCA with carb+chl; 1% py in frac's		
BG11-124	39.60	40.50	C2369	0.90	<.03	tr py, weak frac'ing		
BG11-124	40.50	41.50	C2370	1.00	<.03	irregulr frac'ing with carb +chl at 10 and 25 deg TCA with occasional py overll 1-3%py		
BG11-124	41.50	42.30	C2371	0.80	<.03	as above		
BG11-124	47.30	47.80	C2372	0.50	0.069	weak carb vn'lets		
BG11-124	**47.80**	**48.40**	**C2373**	**0.60**	**0.549**	**five subpararllel carb and qtz-dol vn's up to 2cm wide with one 2cm wide vn having 25% py**		
BG11-124	48.40	49.60	C2375	1.20	0.069	weak frac'ing with overall 1% py with chl+carb		
BG11-124	49.60	50.50	C2376	0.90	0.343	50.05m 2 cm wide vn - frac with qtz-dol + py at 45 deg and frac at 15 deg TCA		
BG11-124	50.50	51.50	C2377	1.00	<.03	5 subparallel chl frac's at30 to 35 deg TCA; 51.2 to 51.4m 10 deg TCA calcite vn with chl + py splay frac		
BG11-124	51.50	53.00	C2378	1.50	<.03	1-2% diss py		
BG11-124	53.00	53.70	C2379	0.70	<.03	1% py		
BG11-124	53.70	54.80	C2380	1.10	<.03	53.8m 2cm wide carb+chl vn at 30 deg TCA		
BG11-124	56.90	58.20	C2381	1.30	<.03	weak frac'ing with 1-3% diss py		
BG11-124	58.20	59.00	C2382	0.80	<.03	58.2 to 59.5m moderate hairline frac'ing with weak ser alt'n+chl in frac's wit 1% py in frac's and 3-5% py in matrix; at 59.36 to 59.47m 2.5 cm wide pink carb vn at 20 deg TCA with py+chl on margins		
BG11-124	59.00	60.00	C2383	1.00	0.343	3-5% diss py in frac's and clots		
BG11-124	60.00	61.50	C2384	1.50	<.03	as above		
BG11-124	61.50	63.00	C2385	1.50	<.03	as above		
BG11-124	63.00	64.20	C2386	1.20	<.03	as above		
BG11-124	76.20	77.00	C2387	0.80	<.03	76.5 to 76.7m 15% qtz-dolvnlets at 45 deg TCA; at 76.7m flt slip at 45 deg TCA with dk qtz + ser + 1mm wide py		
BG11-124	83.10	84.00	C2388	0.90	<.03	5-7% diss py in matrix, minor py in frac;s with chl; 83.4 to 83.75 QFP unit in Tuff		
BG11-124	84.00	85.10	C2389	1.10	<.03	84.35m contact QFP-Tuff, 84.9m 0.5cm wide qtz vn with 5% py		
BG11-124	85.10	86.70	C2390	1.60	<.03	5-7% diss py in matrix; weak qtz-dol vnlets		
BG11-124	86.70	87.70	C2391	1.00	<.03	87.3m qtz vn with chl margin at 35 deg TCA 0.7cm wide; 3-5% diss py in matrix		
BG11-124	87.70	89.30	C2392	1.60	<.03	3-5% diss py in matrix		
BG11-124	90.00	91.00	C2394	1.00	<.03	1-3% diss py along hairline frac's at 45 to 50 deg TCA		
BG11-124	91.00	92.10	C2395	1.10	<.03	91.1 to 91.2 black chl fg bed at 60 deg TCA 3-5% diss py with sil light green section; <5% qtz vnlets; 91.7m 20 deg TCA flt-slip chl+qtz-dol		
BG11-124	92.10	93.10	C2396	1.00	<.03	1-3% diss py in matrix; slip frac at 0 deg TCA from 91.7 to 93m with qtz-dol		
BG11-124	93.10	94.60	C2397	1.50	<.03	1-3% py in matrix		
BG11-124	**94.60**	**95.60**	**C2398**	**1.00**	**0.891**	**94.8m 10cm wide section with multi frac's with chl +qtz-dol frac'ing + 1-3% py; 95.3 to 95.45m 2cm wide qtz-dol vn with 75% diss py at 20 deg TCA**		
BG11-124	95.60	96.50	C2400	0.90	<.03	1-3% diss py in matrix and in 2 qtz-dol vnlets		
BG11-124	96.50	97.60	C2401	1.10	<.03	2 bedding or bands with chl+ser halo's + py <2mm wide at 0 to 20 deg TCA		
BG11-124	97.60	98.50	C2402	0.90	<.03	3-5% diss py in matrix		
BG11-124	98.50	99.20	C2403	0.70	0.069	98.5 to 98.8m 5-8% diss py in bedding bands? With chl+ser+adjacent qtz-dol vnlet		
BG11-124	99.20	100.20	C2404	1.00	<.03	3-5% diss py in matrix		
BG11-124	100.20	101.20	C2405	1.00	<.03	5-10% frac's with qtz-dol ; 1-2% diss py		
BG11-124	101.20	102.20	C2406	1.00	<.03	3-5% diss py in matrix		
BG11-124	102.20	103.20	C2407	1.00	<.03	two 5mm to 6mm py bands; overall 5-7% py		
BG11-124	103.20	104.00	C2408	0.80	0.069	1% diss py in chl frac's that are discontinuous		
BG11-124	122.30	123.60	C2409	1.30	<.03	122.4 to 122.6 flt at 10 deg TCA with qtz-dol+ser; 122.6 to 123.6m 0-15 deg TCA frac's with spec hem+ser+qtz+dol+1-2% py + 45 to 65 deg TCA qtz-dol vn's		
BG11-124	123.60	124.80	C2410	1.20	<.03	20-25% qtz-dol vn's at 70 to 90 deg TCA with 1-2% spec hem+ tr py		
BG11-124	124.80	125.60	C2411	0.80	<.03	as above		
BG11-124	129.50	130.50	C2412	1.00	<.03	130 to 130.2m weak hairline frac'ing at 35 to 45 deg TCA +weak perv ser; 130.15m qtzvn at 35 deg TCA 0.25 cm wide with chl margins		
BG11-124	136.00	136.70	C2414	0.70	<.03	136.4 to 136.5 slip-flt's at 80 to 90 deg TCA with chl+qtz vn'lets tr py+ perv ser		
BG11-124	136.70	141.10	C2415	4.40	<.03	four to five slips with qtz-dol vnlets at 80-90 deg TCA; negl py		

Hole_ID	From	To	Sample_#	Length	Au ppm	Description	Au ppm_ck	Au ppm-ck2
BG11-124	154.60	155.70	C2416	1.10	<.03	flt-slips at 155.1m at 20 deg TCA with qtz+carb+chl; and 12cm wide qtz+carb+chl vn adjacent to flt-slip at 155.5m at 40 deg TCA, tr py		
BG11-124	157.00	158.10	C2417	1.10	<.03	1% diss py in matrix		
BG11-124	158.10	159.10	C2418	1.00	<.03	158.25m flt-slip with chl+ 0.2cm wide carb vn at 25 deg TCA; 1% diss py in matrix		
BG11-124	159.10	160.00	C2419	0.90	<.03	1% diss py in matrix		
BG11-124	160.00	161.00	C2420	1.00	<.03	as above		
BG11-124	161.00	161.90	C2421	0.90	<.03	5-7% py in weak hairline frac'ing at 30 to 50 deg TCA with chl+ser alt'n + 3mm wide qtz vn at 30 deg TCA no py		
BG11-124	161.90	163.20	C2422	1.30	<.03	0 deg TCA slip witrh chl from 161.9 to 162.5m; 2-3mm wide pink carb vnlets at 20 to 45 deg TCA		
BG11-124	171.00	172.50	C2423	1.50	<.03	171.9 to 172.1m 0 deg TCA chl + carb slip; <1% diss py		
BG11-124	172.50	173.90	C2425	1.40	<.03	increase in perv ser + chl clots; 1% diss py in matrix		
BG11-124	173.90	174.60	C2426	0.70	<.03	5% qtz+dol vn'ing + two to three <1mm frac's at 30 deg TCA with py; perv ser+chl clots; 1% diss py in matrix		
BG11-124	**174.60**	**175.20**	**C2427**	**0.60**	**2.675**	**174.9 to 175.2m irregular 95% py vn (anhedral py, shattered appearance) with carb+qtz with hairline frac's at 35 to 55 deg TCA**	2.743	2.606
BG11-124	**175.20**	**176.20**	**C2428**	**1.00**	**2.469**	**175.8 to 175.9m 7cm wide 95% py vn in carb+qtz, anhedral py with shattered appearance & fractured by later qtz frac's, adjacent to a 40 deg TCA flt-slip; 176.05 to 176.1m 6cm wide 95% py vn at 40 deg TCA adjacent to a 8 cm wide grey qtz-dol vn with chl frac's, hydrothermal bx at 40 deg TCA; py has a green brassy look**	2.743	2.194
BG11-124	176.20	177.10	C2430	0.90	0.206	strong hairline frac'ing with chl+carb+qtz; 1-2% diss py in matrix; at 177m hydrothermal bx vn at 40 deg TCA 1 cm wide		
BG11-124	177.10	178.10	C2431	1.00	<.03	perv ser+sil alt'n - light brown coloured matrix; tr py		
BG11-124	178.10	178.80	C2432	0.70	<.03	1-3% fg py in matrix; 178.55m slip with carb+qtz at 15 deg TCA		
BG11-124	178.80	180.30	C2433	1.50	<.03	1-2% diss fg py in matrix		
BG11-124	180.30	181.10	C2434	0.80	<.03	<1% py;weak frac'ing with chl + minor carb+qtz+dol+ser		
BG11-124	181.10	182.30	C2435	1.20	<.03	1% diss py weak frac'ing		
BG11-124	182.30	183.20	C2436	0.90	0.411	5-7% fg py in frac's; strong increased frac'ing at 0 and 40 to 45 deg TCA with carb+ py+chl+qtz+dol+ser; increased py due to increased carb content?		
BG11-124	**183.20**	**184.60**	**C2437**	**1.40**	**0.549**	**one 1mm wide frac with py at 20 deg TCA**		
BG11-124	184.60	185.50	C2438	0.90	0.206	184.6m slip at 10 deg TCA with chl+carb+minor py; <1% diss py in matrix		
BG11-124	185.50	186.40	C2439	0.90	<.03	strong mutli hairline frac's with chl+qtz at 45 deg TCA; <1% diss py in matrix		
BG11-124	186.40	187.50	C2440	1.10	<.03	mod frac'ing with chl+qtz; <5% qtz+dol vn'lets; <1% diss py in matrix		
BG11-124	187.50	189.00	C2441	1.50	0.137	1-2% py in matrix		
BG11-124	189.00	189.90	C2442	0.90	<.03	diorite unit with 3-5% anhedral py		
BG11-124	189.90	190.90	C2443	1.00	<.03	FP unit with 1% anhedral py		
BG11-124	190.90	191.80	C2444	0.90	<.03	FP unit with 3-5% anhedral py in matrix stronger near diorite contact		
BG11-124	191.80	192.80	C2445	1.00	<.03	1-3% anhedral py in diorite; 192.6m 3mm wide carb vn with 30% py at 60 deg TCA		
BG11-124	192.80	193.60	C2446	0.80	<.03	5-7% anhedral py in clots		
BG11-124	193.60	195.00	C2447	1.40	<.03	tr py		
BG11-124	197.30	198.80	C2448	1.50	0.137	tr py		
BG11-124	198.80	199.70	C2450	0.90	2.743	dk black qtz+chl vn at Dirite-FP contact with 3mm wide py; 5-7% diss py in matrix in FP	3.154	2.33
BG11-124	199.70	200.70	C2451	1.00	1.372	199.9 to 200.7m 3-5% py in carb vn'ing and hairline frac's at 20 deg TCA with chl; 15-20% carb vn'ing as stress frac's at 65 to 90 deg TCA	1.577	1.17
BG11-124	200.70	201.50	C2452	0.80	<.03	1-3% diss py in matrix		
BG11-124	202.50	203.00	C2453	0.50	<.03	flt at 202.7m carb vn 0.25 cm wide		
BG11-124	208.80	209.60	C2454	0.80	<.03	fp-Diorite contacts		
BG11-124	209.60	210.50	C2455	0.90	<.03	as above		
BG11-124	210.50	211.80	C2456	1.30	<.03	as above		
BG11-124	220.40	221.00	C2457	0.60	<.03	2 carb vn's up to 0.5 cm wide; 10% leuc flecs; 1-3% diss fg py in matrix		
BG11-124	221.00	222.40	C2458	1.40	0.137	221.1m 0.75cm wide carb vn at 60 deg TCA with 5% py; 221.4 to 223.5m flt slip at 0 deg TCA with carb+qtz+chl with 1-3% fg py on margins and 15% leuc flecs surrounding flt-slip		
BG11-124	**222.40**	**223.60**	**C2460**	**1.20**	**0.549**	**as with 221 to 222.4m**		

Hole_ID	From	To	Sample_#	Length	Au ppm	Description	Au ppm_ck	Au ppm-ck2
BG11-124	223.60	225.00	C2461	1.40	0.137	1-2% fg diss py; 5-10% leuc flecs		
BG11-124	225.00	225.60	C2462	0.60	0.069	weak non penetrative slips at 15 deg TCA; slip with carb vn at 225.4m at 15 deg TCA up to 1 cm wide		
BG11-124	225.60	226.60	C2463	1.00	0.137	15-20% carb vn'ing along slips at 5 to 20 deg TCA; vn's have py up to 15%; overall py content 5-8%		
BG11-124	226.60	227.60	C2464	1.00	0.137	diorite bx - FP contact with 1 cm wide band of 5% py at contact		
BG11-124	227.60	228.40	C2465	0.80	<.03	227.9 to 228 3-5% py in frac's adjacent to FP - Diorite Bx contact		
BG11-124	228.40	229.60	C2466	1.20	<.03	1-2% diss py in matrix		
BG11-124	230.40	231.00	C2467	0.60	0.206	weak frac'ing with 1-3% diss py; sil alt'n		
BG11-124	231.80	232.90	C2468	1.10	<.03	mod frac'ing with 15% qtz+dol vn'ing+chl; 1% py		
BG11-124	232.90	234.00	C2469	1.10	<.03	as above; 233.7 to 233.8m 7cm wide qtz-dol vn at 45 deg TCA		
BG11-124	236.80	238.00	C2470	1.20	0.206	infrequent 1mm frac's with py		
BG11-124	241.90	243.00	C2471	1.10	<.03	mod frac'ing with 1-3% py in 1mm wide frac's		
BG11-124	266.30	267.10	C2472	0.80	<.03	FP-Diorite Bx contact with 0.25 cm chill margin+3-5% py in diorite bx		
BG11-124	272.60	273.40	C2473	0.80	<.03	0.25 cm wide carb +py vn+chl at 272.7 at 25 deg TCA		
BG11-124	273.40	274.10	C2474	0.70	<.03	273.75m 50 deg TCA Flt with 2 cm carb+chl vn; tr py		
BG11-124	276.60	277.80	C2475	1.20	<.03	276.75 flt with grey qtz+carb at 90 deg T^CA		
BG11-124	278.30	279.50	C2476	1.20	<.03	strong frac's section with carb vn'ing+hairline frac's with qtz+chl at 90 deg TCA; negl py		
BG11-124	288.40	289.30	C2477	0.90	<.03	25% carb vn'ing at variable angles with splash of cpy in one vn		
BG11-124	292.00	293.00	C2478	1.00	1.269	slip flt at 292.2m at 15 deg TCA with 0.25 cab vn+ chl; at 292.9m chl slip at 30 deg TCA with py; overall 1-2% py	1.303	1.234
BG11-124	293.00	294.00	C2479	1.00	0.343	weak frac'ing with py at 10 deg TCA overall 1% py; 1cm carb vn at 25 deg TCA at 293.85m		
BG11-124	297.00	298.50	C2480	1.50	<.03	weak 1mm frac'ing with py, overall 1%; 15% carb +chl vn's		
BG11-124	**298.50**	**300.00**	**C2482**	**1.50**	**0.617**	**10% carb stress frac's; 1% py in frac'ing + carb at 15 deg TCA**		
BG11-124	300.00	301.60	C2483	1.60	<.03	mod early frac'ing at 30 to 60 deg TCA with carb vn'ing at 10 to 20 deg TCA; <1% py		
BG11-124	301.60	303.00	C2484	1.40	<.03	mod frac'ing with grey carb+chl at 40 to 65 deg TCA; tr py		
BG11-124	325.60	326.50	C2485	0.90	<.03	frac'd local section at 325.85 to 326m with qtz+chl + 1-3% diss py; flt slip at 326.45m at 85 deg TCA with carb+chl		
BG11-124	330.00	330.70	C2486	0.70	0.343	330.35m 5cm qtz+chl+carb vn at 90 deg TCA with 1% py; 1-3% py on margins with ser		
BG11-124	330.70	334.30	C2488	3.60	<.03	qtz+calcite vn 2 cm wide; tr py overall		
BG11-124	343.80	344.50	C2489	0.70	<.03	343.9m broken opaque qtz vn + carb+chl at 90 deg TCA; at 344.1m 10 deg TCA py vn 2mm wide		
BG11-124	344.50	346.00	C2490	1.50	<.03	15-20% grey-white carb vn'ing		
BG11-124	346.00	347.50	C2491	1.50	<.03	25-30% grey-white carb vn'ing especially from 347 to 347.5m with minor ser alt'n		
BG11-124	347.50	349.00	C2492	1.50	<.03	chl slips at 25 to 35 deg TCA		
BG11-124	349.00	350.50	C2493	1.50	<.03	regualr carb vn'ing 10-15%		
BG11-124	350.50	351.00	C2494	0.50	<.03	as above		
BG11-124	351.00	351.70	C2495	0.70	<.03	351.15m 2cm wide qtz vn at 35 deg TCA and 351.5 to 351.6m 6cm wide qtz vn at 80 deg TCA with tr py		
BG11-124	357.40	358.10	C2496	0.70	<.03	15-20% carb vn'ing with minor cpy		
BG11-124	361.00	362.00	C2497	1.00	<.03	multiple carb vn's up to 1cm wide at 75 to 90 deg TCA, strongly magnetic		
BG11-124	***362.00***	***362.60***	***C2498***	***0.60***	***0.891***	***362.2 to 362.6m strong local shear with strong perv carb+leuc flecs+chl at 30 to 35 deg TCA with mutliple py bands in a 4cm wide section at 30-35 deg TCA; non-magnetic***		
BG11-124	362.60	363.30	C2499	0.70	<.03	frac'd section with chl+ strong perv carb, tr py; 2cm wide vn at 363m slip - flt at 5-10 deg TCA; non-magnetic		
BG11-124	363.30	364.80	C2500	1.50	0.206	weak to mod frac'ing in sections with perv carb - non-magnetic section		
BG11-124	376.50	377.20	C0551	0.70	<.03	376.74 to 376.93m frac'd section with carb vn'ing, tr py		
BG11-124	384.00	385.40	C0552	1.40	<.03	10-15% carb vn'ing; 5% leuc flecs+ser alt'n; <1%py		
BG11-124	387.20	388.00	C0553	0.80	0.411	387.5 to 387.55m red porphyry with qtz vn'ing on slip at 40 deg TCA with fg cpy and 1-2% py		
BG11-124	388.00	389.50	C0555	1.50	<.03	10-15% carb vn'ing; negl py		
BG11-124	393.20	394.70	C0556	1.50	<.03	<1% py; 15-20% late qtz-carb vn'ing at 40 to 65 deg TCA; 393.73m slip-flt at 85 deg TCA with 3cm wide qtz-carb vn		
BG11-124	394.70	396.00	C0558	1.30	<.03	<1% py; 15-20% late qtz-carb vn'ing at 30 to 50 deg TCA		

Hole_ID	From	To	Sample_#	Length	Au ppm	Description	Au ppm_ck	Au ppm-ck2
BG11-124	396.00	396.90	C0559	0.90	<.03	396 to 419.5m South Zone?, 396 to 396.8m py mineralization is generally found in 0 to 25 deg TCA frac's sometimes up to 7%, <5% to 20% late grey white carb vn'ing at 40 to 50 deg TCA, 396 to 396.8 & 397.4 to 398.3m strong frac-bx with 25% carb+qtz-dol with flting and carb+ser+chl perv alt'n, py in narrow frac's at 10-20 deg TCA, 402 to 402.3 and 404 to 404.2m qtz-dol vn'ing adjacent to flt-slip at 15 to 25 deg TCA with chl+gf+py, 407.6 to 411m med brown-tan matrix colour due to sil-dol with up to 10% py in 0 to 10 deg TCA frac's, FP? at 411 to 411.7m red oxy'd hem alt'n, 3-5% py in clots, contacts at 40 and 30 deg TCA, 411.7 to 419.5m moderate to strong frac'ing with up to 5% py in frac's <40 deg TCA and up to 25% qtz-dol vn'ing and salmon-tan colour matrix due to sil-dol perv alt'n;		
BG11-124	396.90	397.40	C0560	0.50	<.03	see description in sample 396 to 396.9m;		
BG11-124	397.40	398.40	C0561	1.00	<.03	see description in sample 396 to 396.9m;		
BG11-124	398.40	399.90	C0562	1.50	<.03	see description in sample 396 to 396.9m;		
BG11-124	399.90	401.00	C0563	1.10	<.03	see description in sample 396 to 396.9m;		
BG11-124	401.00	402.00	C0564	1.00	<.03	see description in sample 396 to 396.9m;		
BG11-124	402.00	403.00	C0565	1.00	0.754	see description in sample 396 to 396.9m;		
BG11-124	403.00	404.00	C0566	1.00	<.03	see description in sample 396 to 396.9m; 403.3 to 403.4m chalk coloured qtz-carb hydrothermal bx vn at 70 deg TCA		
BG11-124	404.00	405.00	C0567	1.00	<.03	see description in sample 396 to 396.9m;		
BG11-124	405.00	406.00	C0568	1.00	<.03	see description in sample 396 to 396.9m;		
BG11-124	406.00	407.00	C0569	1.00	<.03	see description in sample 396 to 396.9m;		
BG11-124	407.00	407.50	C0570	0.50	<.03	see description in sample 396 to 396.9m;		
BG11-124	407.50	408.20	C0571	0.70	<.03	see description in sample 396 to 396.9m; 3-7% diss py in frac's with chl+qtz-dol		
BG11-124	408.20	409.20	C0573	1.00	<.03	see description in sample 396 to 396.9m; 3-7% diss py in carb+qtz-dol vn's at 0 to 15 deg TCA, irregular anastomosing frac's		
BG11-124	409.20	410.20	C0574	1.00	<.03	see description in sample 396 to 396.9m; 1-2% diss py in discontinuous frac's		
BG11-124	410.20	411.00	C0575	0.80	<.03	see description in sample 396 to 396.9m; 1-3% diss py in frac's with chl+qtz-dol		
BG11-124	411.00	412.00	C0576	1.00	<.03	see description in sample 396 to 396.9m; FP dyke 411 to 411.7m red oxy'd hem alt'n 1-3% diss py in clots		
BG11-124	412.00	413.00	C0577	1.00	<.03	see description in sample 396 to 396.9m; 1-2% diss py overall in irregular frac's at 0 to 10 deg TCA		
BG11-124	413.00	414.00	C0578	1.00	<.03	see description in sample 396 to 396.9m; 3-5% fg diss py in matrix		
BG11-124	414.00	414.60	C0579	0.60	<.03	see description in sample 396 to 396.9m; 1-3% diss py in clots in matrix		
BG11-124	414.60	415.60	C0580	1.00	<.03	see description in sample 396 to 396.9m; four qtz-dol vn's <0.25 cm wide with 10% py, overall 3-5% diss py; 15% qtz-dol vn'ing		
BG11-124	415.60	416.60	C0581	1.00	<.03	see description in sample 396 to 396.9m ;416.5m 0.5cm wide qtz-dol vn at 30 deg TCA with 25% py, other hairline frac's with py; overall 3-5% py		
BG11-124	416.60	417.60	C0582	1.00	<.03	see description in sample 396 to 396.9m; 1-2mm wide frac's with py, overall 1-2%		
BG11-124	417.60	418.60	C0583	1.00	<.03	see description in sample 396 to 396.9m; brittle frac's <1mm wide with qtz+py at 25to 35 deg TCA		
BG11-124	418.60	419.60	C0584	1.00	<.03	see description in sample 396 to 396.9m; 5% qtz-dol vn'ing; tr py		
BG11-124	419.60	421.10	C0585	1.50	<.03	moderate brittle frac's with qtz+chl; negl py		
BG11-124	421.10	422.60	C0586	1.50	<.03	421.2 to 421.5m increased qtz-dol +chl in weak frac'ing; negl py		
BG11-124	422.60	424.10	C0587	1.50	<.03	tr py, weak frac'ing		
BG11-124	424.10	425.60	C0588	1.50	<.03	up to 10% late pink white carb vn'ing		
BG11-124	425.60	427.00	C0589	1.40	<.03	425.97 to 426m flt at 75 deg TCA with 3cm wide qtz-chl vn; 426 to 426.07m FP dyke		
BG11-124	427.00	428.50	C0590	1.50	<.03	40 to 60 deg TCA 15% grey-white carb vn'ing with chl; tr py in matrix		
BG11-124	428.50	429.50	C0592	1.00	<.03	428.9- 429.4m flt 0 deg TCA with carb+ qtz-dol vn'ing+chl; strong brittle frac'ing; 428.9 to 435.3m 2nd South Zone strong brittle frac'ing at generally 30 to 55 deg TCA with strong chl+carb+qtz, perv chl+ser alt'n, 430.6 to 431.6m salmon coloured matrix strong sil + minor carb with 10-15% diss py in matrix and in frac's; 0 deg Tca flt from 428.9 to 429.4m and 10 deg TCA flt from 434.5 to 434.8m with carb+chl		
BG11-124	429.50	430.40	C0593	0.90	<.03	as described in 428.5 to 429.5m; strong brittle frac'ing with carb+chl at 65 deg TCA with 0 deg TCA frac's with py; overall 1-2% py		
BG11-124	430.40	431.00	C0594	0.60	<.03	as described in 428.5 to 429.5m; 10-15% py in frac's and in matrix		
BG11-124	431.00	431.70	C0596	0.70	<.03	as described in 428.5 to 429.5m; 10-15% py in frac's and in matrix		
BG11-124	431.70	432.60	C0597	0.90	<.03	moderate frac'ing at 80 deg TCA with carb + chl tr py		

Hole_ID	From	To	Sample_#	Length	Au ppm	Description	Au ppm_ck	Au ppm-ck2
BG11-124	432.60	433.50	C0598	0.90	<.03	irregular 1mm frac'ing with qtz+carb+chl; tr py; 433.2m slip with adjacent 1.5cm wide qtz+carb+chl vn at 70 deg TCA		
BG11-124	433.50	434.20	C0599	0.70	<.03	strong brittle frac'ing with chl+qtz+carb; tr py		
BG11-124	434.20	435.20	C0600	1.00	<.03	434.5 to 434.7m flt at 10 deg TCA; strong brittle frac'ing with carb+chl+qtz; tr py		
BG11-124	435.20	436.70	C1401	1.50	<.03	strong brittle frac'ing with carb+chl; tr py		
BG11-124	436.70	438.00	C1402	1.30	<.03	weak frac'ing with carb+chl; FP dyke at 437.7 to 437.8m		
BG11-124	438.00	439.50	C1403	1.50	<.03	<5% grey white carb vn'ing; one to two hairline frac's at 0 to 10 deg TCA with py		
BG11-124	439.50	441.00	C1404	1.50	<.03	as above		
BG11-124	441.00	442.00	C1405	1.00	<.03	mod frac'ing at 0 deg TCA with carb+chl, tr py		
BG11-124	442.00	442.60	C1406	0.60	<.03	442.25m 1cm carb vn at 55 to 60 deg TCA with 15% py; overall <1% py		
BG11-124	442.60	444.00	C1407	1.40	<.03	weak frac'ing with carb+chl		
BG11-124	444.00	445.50	C1408	1.50	<.03	5-10% grey-white carb vn'ing with tr to <1% diss py in chl+carb hairline irregular frac's		
BG11-124	445.50	447.00	C1409	1.50	<.03	as above		
BG11-124	447.00	448.50	C1410	1.50	<.03	as above		
BG11-124	448.50	450.00	C1411	1.50	<.03	as above		
BG11-124	450.00	451.50	C1412	1.50	<.03	as above		
BG11-124	451.50	452.80	C1413	1.30	<.03	as above		
BG11-124	452.80	453.80	C1414	1.00	<.03	452.8 to 453m two 0.25 to 1 cm wide carb vn's with 10% py; overall 1-2% py		
BG11-124	453.80	454.80	C1415	1.00	<.03	one 1cm wide carb vn at 15 deg TCA with py		
BG11-124	454.80	455.80	C1416	1.00	<.03	one 3mm wide carb vn at 15 deg TCA with py		
BG11-124	455.80	457.20	C1417	1.40	<.03	mutliple frac's with epi+qtz+py at 0 to 15 deg TCA		
BG11-124	457.20	458.20	C1418	1.00	<.03	as above		
BG11-124	458.20	459.20	C1419	1.00	<.03	negl py & negl frac's		
BG11-124	459.20	461.20	C1421	2.00	<.03	negl py & negl frac's		
BG11-124	461.20	462.00	C1422	0.80	<.03	negl py & negl frac's		
BG11-124	462.00	463.20	C1423	1.20	<.03	462 to 462.6m mod frac'ing with carb vn'ing+weak epi alt'n; 463m 1cm carb vn with 65% py at 70 deg TCA		
BG11-124	463.20	464.20	C1424	1.00	<.03	463.5 to 463.9m 20-25% py in qtz in a localized shear with qtz+chl+brown sil+oxy'd hem at 15 to 20 deg TCA 6cm wide		
BG11-124	464.20	465.30	C1426	1.10	<.03	464.7 to 465.3m 1cm wide chl vn-frac with 5% py at 0-5 deg TCA with epi margins		
BG11-124	465.30	466.30	C1427	1.00	<.03	tr py		
BG11-124	466.30	467.80	C1428	1.50	<.03	tr py		
BG11-124	481.80	483.20	C1429	1.40	<.03	10% late grey-white carb vn'ing 0.5 to 2 cm wide at 10 to 25 deg TCA with chl margins; <1% py		
BG11-124	483.20	484.70	C1430	1.50	<.03	as above except 1% diss py in matrix and in frac's		
BG11-124	484.70	486.00	C1431	1.30	<.03	5% carb vn'ing tr py		
BG11-124	486.00	487.50	C1432	1.50	<.03	1-2% diss py in discontinuous frac's		
BG11-124	487.50	489.00	C1433	1.50	<.03	1-2% diss py in matrix; 488.4 to 488.5m 60 deg TCA localized shear with sil+qtz+chl+1% py		
BG11-124	489.00	490.50	C1434	1.50	1.098	increase in perv carb alt'n starts at 488m; 3-5% diss fg py in discontinuous vn'lets - frac's with carb+chl and py in matrix	1.029	1.17
BG11-124	490.50	492.00	C1435	1.50	0.274	as above but 5-7% diss py		
BG11-124	492.00	493.20	C1436	1.20	0.137	as above but 3-5% diss py		
BG11-124	*493.20*	*494.20*	*C1437*	*1.00*	*0.137*	*strong shearing starts at 493.2m; 7-10% diss py in slips, carb vn'lets*		
BG11-124	*494.20*	*495.40*	*C1438*	*1.20*	*0.480*	*strong chl+carb alt'n 5-10% leuc flecs; 1% diss py*		
BG11-124	*495.40*	*496.30*	*C1439*	*0.90*	*0.411*	*496m narrow flt gouge at 20 deg TCA with 3-5% py on margin; 5-10% leuc flecs; 1-2% diss py*		
BG11-124	*496.30*	*497.10*	*C1440*	*0.80*	*0.206*	*3-5% diss fg py; 5-15% leuc flecs*		
BG11-124	***497.10***	***498.00***	***C1441***	***0.90***	***0.960***	***497.4 to 498.4m 10-15% diss py strong shearing + strong carb+chl alt'n***		
BG11-124	***498.00***	***498.90***	***C1442***	***0.90***	***0.960***	***as above; strong flt gouge 498.6 to 498.7m Bidgood Main Break; contact at 498.8m***		
BG11-124	498.90	500.10	C1443	1.20	0.069	moderate frac'ing; mod to strong carb alt'n in frac's + minor ser alt'n; 3-5% diss fg py in matrix		
BG11-124	500.10	501.00	C1444	0.90	<.03	as above		
BG11-124	501.00	501.70	C1445	0.70	0.069	501.2 to 501.5m localized frac'd zone at 60 and 35 deg TCA with 1-2% py and 50% qtz vn'ing+ ser alt'n		
BG11-124	**501.70**	**502.70**	**C1446**	**1.00**	**0.823**	**502 to 502.2m localized shear at 40 deg TCA with 35% qtz-dol+carb vn'ing + chl+ser+1-3% diss py**		

Hole_ID	From	To	Sample_#	Length	Au ppm	Description	Au ppm_ck	Au ppm-ck2
BG11-124	**502.70**	**504.00**	**C1447**	**1.30**	**0.617**	**weak frac'ing with chl+minor carb+qtz; 1% diss py**		
BG11-124	504.00	505.00	C1448	1.00	<.03	as above		
BG11-124	505.00	506.00	C1449	1.00	0.206	505 to 505.2m strong sil alt'n with frac's having 3-5% diss py		
BG11-124	506.00	507.00	C1450	1.00	0.274	506.1 to 506.4m 15 deg TCA bone white qtz-dol vn with 2-5% py		
BG11-124	**507.00**	**508.00**	**C1451**	**1.00**	**0.549**	**1% diss py in matrix**		
BG11-124	508.00	509.00	C1452	1.00	0.069	0 to 5 deg qtz vn'ing 3-5% py in matrix and in hairline frac's		
BG11-124	509.00	510.00	C1453	1.00	0.137	<1% diss fg py in matrix		
BG11-124	510.00	511.50	C1454	1.50	0.343	0 deg TCA slip with chl+ser; weak ser alt'n; 1% fg diss py in matrix		
BG11-124	511.50	512.60	C1455	1.10	0.206	as above		
BG11-124	512.60	513.60	C1456	1.00	0.206	increase in hairline frac's slips with chl at 15 to 25 deg TCA; 1-3% fg diss py in matrix; one qtz-dol vn at 5 deg TCA 1cm wide		
BG11-124	**513.60**	**514.20**	**C1458**	**0.60**	1.680	**513.6 to 517.6m strong shear -flt zone at 10-20 deg TCA with strong qtz-dol + sil + chl+minor ser alt'n with up to 8% fg diss py, at 513.7 to 513.95m 15 deg TCA 2.5 cm qtz-dol-chl vn with 30% anhedral py**	1.509	1.851
BG11-124	**514.20**	**515.20**	**C1460**	**1.00**	**0.960**	**as described in 513.6 to 514.2m; 3-5% fg dis py in frac's with 25-35% qtz-dol vn'ing**		
BG11-124	**515.20**	**516.00**	**C1461**	**0.80**	**0.823**	**as described in 513.6 to 514.2m; 3-5% fg dis py in frac's with 25-35% qtz-dol vn'ing**		
BG11-124	516.00	517.00	C1462	1.00	0.411	as described in 513.6 to 514.2m; 3-5% fg dis py in discontinuous clots, strong sil+chl alt'n		
BG11-124	517.00	518.00	C1463	1.00	<.03	as described in 513.6 to 514.2m; 3-5% fg dis py in discontinuous clots, strong sil+chl alt'n		
BG11-124	518.00	519.20	C1464	1.20	<.03	<1% diss py in matrix; 5 deg TCA frac with py near FP-Diorite Bx contact		
BG11-124	519.20	520.70	C1465	1.50	0.069	3-5% anhedral py clots in matrix		
BG11-124	520.70	522.20	C1466	1.50	<.03	as above		
BG11-124	522.20	523.70	C1467	1.50	<.03	as above		
BG11-124	523.70	525.20	C1468	1.50	<.03	as above; two to three qtz vn's with py at 55 to 65 deg TCA		
BG11-124	525.20	526.70	C1469	1.50	<.03	as above; two irregular qtz vn's with py at 45 to 65 deg TCA		
BG11-124	526.70	528.00	C1470	1.30	<.03	3-5% py in chl vesicules; 527.35 to 527.45m felsic dyke		
BG11-124	528.00	529.50	C1471	1.50	0.137	3-5% py in chl vesicules; 528.6 to 529.2m 0 deg TCA slip chl+carb+qtz, 3-5% diss py near slip margins; 5% leuc flecs		
BG11-124	529.50	531.00	C1472	1.50	<.03	1-3% diss py; 5-10% leuc flecs		
BG11-124	531.00	532.50	C1473	1.50	<.03	3-5% py in chl vesicules and in matrix; 5-10% leuc flecs		
BG11-124	532.50	534.00	C1474	1.50	<.03	3-5% py in chl vesicules, in matrix and in minor frac's; 5-10% leuc flecs		
BG11-124	534.00	535.50	C1475	1.50	<.03	3-5% py in chl vesicules, in matrix and in minor frac's; 5-10% leuc flecs		
BG11-124	535.50	537.00	C1476	1.50	<.03	1-2% py in matrix and in minor frac's, some spec hem in vn's; <5% leuc flecs		
BG11-124	*537.00*	*537.60*	*C1477*	*0.60*	*<.03*	*537.3m 1 cm py vn at 50 deg TCA with 95% py; 537.1 to 537.3m frac's at 10 deg TCA with adjacent carb vn with 1-5% py*		
BG11-124	537.60	538.40	C1478	0.80	<.03	537.6 to 538.4m slip-flt with chl+carb+qtz at 0 deg TCA; tr py in matrix		
BG11-124	538.40	539.80	C1479	1.40	<.03	tr py in matrix		
BG11-124	543.60	544.90	C1480	1.30	<.03	3-5% diss py in weak <5% carb vn'ing		
BG11-124	544.90	546.40	C1481	1.50	<.03	3-7% diss py in micro frac'ing		
BG11-124	546.40	547.50	C1482	1.10	<.03	weak to mod fabric fol'n with 1-5% py		
BG11-124	554.20	555.50	C1483	1.30	0.206	3-7% diss py in micro frac'ing		
BG11-124	555.50	556.70	C1484	1.20	<.03	weak to mod fabric fol'n at 25 to 30 deg TCA; 3-5% py in micro frac'ing; Diorite Bx-FP contact at 556.66m		
BG11-124	561.50	562.60	C1485	1.10	<.03	FP- 1-2% py in chl+qtz irregular frac's		
BG11-124	562.60	564.00	C1486	1.40	<.03	FP- <1% py in chl+qtz irregular frac's; EOH		
BG11-125	4.90	6.10	C1487	1.20	<.03	mod frac'd with chl on slips-frac's with 1-3% diss py		
BG11-125	7.30	8.20	C1488	0.90	<.03	0 deg TCA slip with chl+carb+qtz; 1% diss py		
BG11-125	8.20	8.80	C1489	0.60	<.03	8.5 to 8.6m fracturing with chl and 3-5% py		
BG11-125	14.40	15.10	C1490	0.70	<.03	1-3% diss py in matrix		
BG11-125	15.10	15.80	C1491	0.70	<.03	15.3 to 15.8m weak brittle shear zone with chl+sil+py in frac's at 25 to 30 deg TCA with perv sil-dol alt'n; 5-7% diss py		
BG11-125	15.80	17.20	C1492	1.40	0.069	1-3% diss py in matrix		
BG11-125	**17.20**	**18.20**	**C1493**	**1.00**	**0.960**	**17.5 to 17.6m 2cm wide vn at 20 deg TCA with 5% py and 2mm wide frac with py**		

Hole_ID	From	To	Sample_#	Length	Au ppm	Description	Au ppm_ck	Au ppm-ck2
BG11-125	**18.20**	**19.20**	**C1495**	**1.00**	**0.754**	**multiple frac's at 25 to 40 deg TCA with 1-3% py; matrix has 1-2% diss py**		
BG11-125	19.20	19.90	C1496	0.70	<.03	weak non-penetrative frac's with chl+minor ser+1% fg py; 5% qtz-dol vn'ing at 15 deg TCA		
BG11-125	19.90	20.50	C1498	0.60	<.03	20 to 20.35m strong shear at 55 deg TCA ductile-brittle with chl+ser+2.5cm wide qtz-dol vn; 1% fg py; FP-Tuff contact at 20.35m		
BG11-125	20.50	21.00	C1499	0.50	<.03	patchy sil alt'n in Tuff; 1% fg diss py		
BG11-125	23.70	25.00	C1500	1.30	<.03	contact tuff-FP at 23.8 to 24m 10 deg TCA, with narrow slip flt with chl + carb+qtz 2mm wide; 1-2% diss py in matrix		
BG11-125	31.10	32.40	C1501	1.30	<.03	3-7% py in irregular brittle frac's with chl+qtz		
BG11-125	30.00	31.00	C1502	1.00	<.03	30.45 to 30.5m qtz-dol +chl vn'ing at 30 deg TCA; tr py		
BG11-125	40.80	41.50	C1503	0.70	<.03	1-3% diss py in matrix		
BG11-125	41.50	42.50	C1504	1.00	<.03	41.5 to 41.7m weak ser+chl alt'n at contact in Syenite 1-2% diss py		
BG11-125	42.50	43.50	C1505	1.00	<.03	1% diss py		
BG11-125	43.50	44.20	C1506	0.70	0.137	43.65 to 43.75m flt + frac's at 50 to 65 deg TCA with porcelain coloured carb vn+ grey qtz with 5-7% py; overall 1-3% py in matrix and in other frac's		
BG11-125	44.20	45.50	C1507	1.30	<.03	grey-white qtz+chl at 30 deg TCA; weak ser alt'n with 1% diss py; 44.7m chl vn with 3% py		
BG11-125	45.50	46.50	C1508	1.00	<.03	1% py in matrix; microfrac'ing with ser+qtz+carb		
BG11-125	46.50	47.40	C1509	0.90	<.03	as above		
BG11-125	47.40	48.30	C1510	0.90	0.137	moderate ductile shear with ser+qtz-dol+carb alt'n at 50 deg TCA; 1% py		
BG11-125	51.00	52.00	C1511	1.00	<.03	<1% py		
BG11-125	52.00	53.50	C1512	1.50	<.03	<1% diss py in weak frac's at 30 to 40 deg TCA <2mm wide		
BG11-125	53.50	55.00	C1513	1.50	<.03	<1% diss py ; blotchy chl patches		
BG11-125	55.00	56.00	C1514	1.00	<.03	as above		
BG11-125	56.00	57.20	C1515	1.20	<.03	1-3% diss py ; blotchy chl patches		
BG11-125	57.20	58.10	C1516	0.90	3.977	3-7% diss py with a a 0.75 cm wide irregular qtz vn with 40% py at 25 deg TCA; sharp contact with FP at 58.06m	4.114	3.840
BG11-125	58.10	59.00	C1517	0.90	<.03	1-2% dis py in matrix; 58.9m chl slip with py at 30 deg TCA		
BG11-125	63.70	64.40	C1518	0.70	<.03	3-5% diss py in matrix in a 0.6 m section of Syenite adjacent to contact with FP		
BG11-125	66.50	67.50	C1519	1.00	<.03	20-25% qtz-dol in micro-frac'ing with 1-2% diss py		
BG11-125	67.50	69.00	C1520	1.50	0.069	67.5 to 70.7m moderate shear multiple slips with ser + fg py and 30-40% late white qtz-dol vn'ing with up to 7% fg py in early ser+chl slip-frac's at 30 to 40 deg TCA		
BG11-125	69.00	69.60	C1521	0.60	0.206	as described in 67.5 to 69m; 69 to 69.6m 40% qtz-dol vn'ing up to 2cm wide at 30 deg TCA with 3-5%fg py		
BG11-125	**69.60**	**70.70**	**C1522**	**1.10**	**0.754**	**as described in 67.5 to 69m; 69.6 to 70.3m 40% qtz-dol vn'ing up to 2cm wide at 30 deg TCA with 5-7% fg py in frac's**		
BG11-125	70.70	72.00	C1523	1.30	<.03	1-3% fg diss py in matrix and in weak frac'ing		
BG11-125	72.00	73.50	C1524	1.50	<.03	1-3% diss py in matrix; carb in frac's		
BG11-125	73.50	75.00	C1525	1.50	<.03	1-3% diss py in matrix; carb in frac's		
BG11-125	75.00	76.50	C1526	1.50	0.137	1% diss py in matrix; carb in frac's transitioning to qtz-dol in frac's at 75.5m; weak ser in micro frac'ing		
BG11-125	76.50	78.00	C1528	1.50	0.206	3-5% fg diss py in matrix; perv sil alt'n, weak ser in micro-frac'ing		
BG11-125	78.00	79.50	C1529	1.50	<.03	as above; some py in chl frac's at 35 to 40 deg TCA 1.5 to 1 cm wide		
BG11-125	79.50	81.00	C1530	1.50	<.03	5-8% diss fg py in matrix		
BG11-125	81.00	82.00	C1531	1.00	0.206	5-12% diss fg py in matrix+ in bands with chl+sil at 25 to 35 deg TCA		
BG11-125	**82.00**	**83.00**	**C1533**	**1.00**	**0.960**	**5-10% fg diss py in matrix and two chl bands**		
BG11-125	83.00	84.00	C1534	1.00	<.03	5-8% diss fg py		
BG11-125	84.00	84.80	C1535	0.80	<.03	5-8% fg diss py in matrix; 84.3m 25 deg TCA slip with qtz-dol+py		
BG11-125	84.80	85.80	C1536	1.00	<.03	5-8% diss py in matrix and in weak bands; Diorite to FP contact at 85.7m		
BG11-125	85.80	87.00	C1537	1.20	<.03	FP - <1% diss py in matrix		
BG11-125	116.00	117.00	C1538	1.00	0.069	1% diss py		
BG11-125	117.00	118.50	C1539	1.50	0.274	116.8 to 127.8m perv sil alt'n with mico frac's; 1-2% diss py unless otherwise noted		
BG11-125	118.50	119.80	C1540	1.30	0.480	as above		

Hole_ID	From	To	Sample_#	Length	Au ppm	Description	Au ppm_ck	Au ppm-ck2
BG11-125	**119.80**	**120.70**	**C1541**	**0.90**	2.572	**119.9 to 120.62m brittle shear-frac section with 5 to 15% py overall in vn frac's at 35 to 45 deg TCA, especially at 120.2m to 120.3m py vn with 65% py 2.5 cm wide with adjacent 3 cm wide qtz vn at 35 deg TCA**	2.606	2.537
BG11-125	120.70	121.70	C1543	1.00	0.069	1-3% fg diss py in matrix; mod to strong sil alt'n		
BG11-125	121.70	123.00	C1544	1.30	<.03	as above		
BG11-125	123.00	124.50	C1545	1.50	<.03	as above		
BG11-125	124.50	126.00	C1546	1.50	<.03	as above		
BG11-125	126.00	126.50	C1547	0.50	<.03	as above		
BG11-125	126.50	127.00	C1548	0.50	0.411	weak frac zone with 3-5% py in frac's from 126.6 to 127.7m; perv red-pale red oxy'd hem		
BG11-125	127.00	127.80	C1549	0.80	<.03	1% diss py		
BG11-125	127.80	129.00	C1550	1.20	<.03	as above		
BG11-125	129.00	130.00	C1551	1.00	<.03	as above		
BG11-125	151.50	152.50	C1552	1.00	<.03	three to four 1 -3 mm frac's with qtz+py at 55 to 85 deg TCA, 1-3% py overall		
BG11-125	152.50	153.50	C1553	1.00	<.03	weak frac'ing with 1% diss py		
BG11-125	153.50	154.50	C1554	1.00	<.03	1-3% diss py in grey vn'lets 1-2mm wide		
BG11-125	154.50	156.00	C1555	1.50	<.03	one 2mm wide frac with chl+py; overall 1% diss py in matrix		
BG11-125	156.00	157.00	C1557	1.00	<.03	1-3% diss py in rare frac's with qtz; <5% qtz-dol vn'ing; broken core from 156.6 to 157m		
BG11-125	157.00	158.00	C1558	1.00	<.03	weak frac' with grey qtz; 1% diss py in matrix		
BG11-125	158.00	159.00	C1559	1.00	0.480	158.6m 1 cm wide dk black qtz vn with 5-10% diss py at 30 deg TCA; 158.4 to 158.5m parallel crb+qtz-dol vn'ing up to 2 cm wide at 55 to 70 deg TCA		
BG11-125	159.00	160.00	C1560	1.00	<.03	1-2% py in weak frac'ing and in matrix		
BG11-125	160.00	161.00	C1561	1.00	<.03	160.1m 35 to 40 deg TCA slip with adjacent 0.5cm wide dk qtz with 5% py; other weaker frac's overall 1% py		
BG11-125	161.00	162.00	C1562	1.00	<.03	<1% diss py in matrix		
BG11-125	**172.60**	**174.00**	**C1563**	**1.40**	**0.549**	**1-3% anhedral py in sporadic clots; <5% qtz-dol vn'ing**		
BG11-125	174.00	175.40	C1564	1.40	0.411	174.1m three subparallel frac's-slips at 30 deg TCA with dk grey qtz white porcelain qtz with py; other frac's with minor py		
BG11-125	175.40	176.50	C1565	1.10	0.480	mod frac'ing at 30 to 70 deg TCA with dk grey qtz+ minor py 1-3%; 176.1 to 176.3m qtz-dol+carb vn'ing at 70-80 deg TCA up to 3cm wide		
BG11-125	176.50	177.60	C1566	1.10	<.03	<1% diss py in matrix		
BG11-125	177.60	178.60	C1567	1.00	<.03	177.6 to 178.14m diorite strong carb+chl 5-8% anhedral py		
BG11-125	178.60	180.00	C1568	1.40	<.03	179.4m 1.5cm wide qtz vn at 55 deg TCA; 1-5% fg py in matrix		
BG11-125	180.00	181.40	C1569	1.40	<.03	1-3% py in matrix and in weak frac'ing		
BG11-125	181.40	182.40	C1570	1.00	<.03	as above		
BG11-125	206.70	207.70	C1571	1.00	<.03	two 4cm wide qtz-chl+carb vn's at 60 to 70 deg TCA; 1% dis py in matrix		
BG11-125	216.00	217.40	C1572	1.40	<.03	5-7% leuc flecs fg; 1-3mm and 1cm wide qtz-dol-carb vnlets at 40 to 50 deg TCA; 1% diss py		
BG11-125	217.40	218.00	C1573	0.60	<.03	15-20% subparallel qtz-dol-carb-chl vn's at 45 to 50 deg TCA up to 3cm wide; 1-3% anhedral py in matrix + minor frac'ing		
BG11-125	218.00	218.60	C1574	0.60	<.03	15-20% subparallel qtz-dol-carb-chl vn's at 1cm wide; 3-5% anhedral py in matrix + minor frac'ing; diorite-FP contact at 218.5m strong ser for 7 cm wide at contact		
BG11-125	218.60	220.00	C1575	1.40	<.03	FP with weak to mod frac'ing with chl; 1-2% diss py		
BG11-125	220.00	220.50	C1576	0.50	<.03	FP to diorite contact at 220.24m with 5cm wide ser+1-2% fg py at contact in diorite		
BG11-125	220.50	221.30	C1577	0.80	<.03	5-7% leuc flecs fg; 1% diss py		
BG11-125	221.30	222.00	C1578	0.70	0.137	221.5m 2cm wide carb vn with 10% py at 55 deg TCA and 0.5 cm wide carb vn at 50 deg TCA with 5% py; 5-10 leuc flecs		
BG11-125	222.00	223.50	C1579	1.50	<.03	5-10% fg leuc flecs with 1-2% diss py		
BG11-125	223.50	224.50	C1580	1.00	0.069	<1% py		
BG11-125	224.50	225.10	C1581	0.60	0.069	2.5cm wide calcite-carb vn at 50 deg TCA at 225m; <1% py		
BG11-125	226.60	227.30	C1582	0.70	0.069	226.7 to 227.2m 0.1 cm wide carb+qtz vn at 0 deg TCA with epi halo		
BG11-125	230.60	231.60	C1583	1.00	<.03	five carb+qtz vn's at 1 to 3cm wide at 45 to 65 deg TCA; frac with py at 231.55m		
BG11-125	235.80	236.50	C1585	0.70	<.03	235.87 to 235.95 m localized shear at 65 to 70 deg TCA with chl+ up to 3mm wide py bands + 5% leuc flecs		

Hole_ID	From	To	Sample_#	Length	Au ppm	Description	Au ppm_ck	Au ppm-ck2
BG11-125	238.50	239.30	C1587	0.80	<.03	238.5 to 239.2m slip with adjacent qtz+carb+epi halo vn at 0 to 5 deg TCA; negl py		
BG11-125	239.30	240.50	C1588	1.20	0.069	two subparallel qtz vn's 1cm and 3cm wide at 50 deg TCA with splash of cpy in 3cm wide vn at 240.2m		
BG11-125	242.50	243.40	C1589	0.90	<.03	242.97 to 243.07m qtz+carb+epi vn at 80 deg TCA		
BG11-125	243.40	244.30	C1590	0.90	0.206	243.55 to 243.85m 2.5 cm wide qtz+carb vn with 5-10% py and 10 cm wide epi halo at 15-20 deg TCA; 4 cm wide qtz vn at 80 deg TCA at 243.9m		
BG11-125	244.30	245.20	C1591	0.90	0.274	245.1m 1cm carb vn at 75 deg TCA with 5% py		
BG11-125	245.20	246.70	C1592	1.50	<.03	<1% py		
BG11-125	246.70	247.50	C1593	0.80	<.03	247.1m 1.5cm wide carb vn at 80 deg TCA with 3% py; grey qtz vn 2cm wide at 247.45m		
BG11-125	257.00	257.80	C1594	0.80	<.03	5% leuc flecs; mutli subparallel carb+calcite vn'lets		
BG11-125	257.80	259.10	C1595	1.30	<.03	5-10% carb vnlets; tr diss py in matrix		
BG11-125	259.10	260.00	C1596	0.90	0.137	259.3 to 260.8m fracture-flt zone with 10-15% leuc flecsflt qtz vn at 259.3 at 80 deg TCA, 259.5m 4cm grey qtz vn at 60 deg TCA with chl; 1-2% diss py		
BG11-125	**260.00**	**260.80**	**C1597**	**0.80**	**0.754**	**260.17 to 260.8m sil brown matrix with 3-5% diss py and 1% py in frac bounded by strong flts at 60 deg TCA with carb+chl+bx**		
BG11-125	260.80	261.80	C1598	1.00	0.069	weak perv chl alt'n with <5% leuc flecs; 5% carb+qtz vn'ing with splash of cpy		
BG11-125	261.80	262.80	C1599	1.00	<.03	15-20% carb vn'lets; tr py in matrix		
BG11-125	262.80	264.00	C1600	1.20	<.03	as above		
BG11-125	264.00	264.60	C1601	0.60	0.206	264.3m 0.5cm wide py vn in carb with chl halo at 15 deg TCA		
BG11-125	272.20	272.80	C1602	0.60	<.03	2.5cm wide sil band at 50 deg TCA with 1mm carb vn with splash of cpy		
BG11-125	277.60	279.10	C1603	1.50	<.03	278.5 to 278.8m 24 cm wide bull white qtz+carb vn; negl py		
BG11-125	281.10	282.00	C1604	0.90	<.03	281.3m 15 deg TCA hydrothermal bx with carb; negl py		
BG11-125	282.00	283.10	C1605	1.10	0.069	weak ductile shear at 60 to 90 deg TCA from 282.25 to 285.5m 5-15% leuc flecs, perv carb+chl alt'n + 1% py; flt at 283m at 90 deg TCA with carb+ adjacent 3cm brown-grey qtz vn,		
BG11-125	283.10	284.30	C1606	1.20	<.03	weak ductile shear at 60 to 90 deg TCA from 282.25 to 285.5m 5-15% leuc flecs, perv carb+chl alt'n + 1% py		
BG11-125	284.30	285.50	C1607	1.20	<.03	weak ductile shear at 60 to 90 deg TCA from 282.25 to 285.5m 5-15% leuc flecs, perv carb+chl alt'n + 1% py + 5% qtz-dol vn'ing		
BG11-125	286.30	286.80	C1608	0.50	<.03	286.45 to 286.55m grey-white qtz vn at 85 deg TCA; negl py		
BG11-125	290.00	291.00	C1609	1.00	<.03	25% carb+qtz in stress frac's with weak hydrothermal bx		
BG11-125	291.00	291.70	C1610	0.70	<.03	5% carb filled frac's; negl py; strong magnetic		
BG11-125	291.70	292.70	C1612	1.00	<.03	weak 0 to 5 deg TCA slips with epi+carb; negl py		
BG11-125	292.70	293.50	C1613	0.80	<.03	negl py strongly magnetic		
BG11-125	293.50	294.50	C1614	1.00	0.274	1% py in weak carb vn'ing at 10 deg TCA; botchy epi; magnetic		
BG11-125	**294.50**	**295.50**	**C1615**	**1.00**	**0.891**	**5-8% py in carb + epi+chl vn'ing at 0 to 5 deg TCA; 5-10% leuc flecs; non magnetic**		
BG11-125	295.50	296.40	C1617	0.90	1.132	5-8% py in carb + epi+chl vn'ing at 0 to 5 deg TCA; 5-10% leuc flecs; non magnetic	1.166	1.097
BG11-125	296.40	297.30	C1618	0.90	0.206	3-5% py in carb + epi+chl vn'ing at 0 to 5 deg TCA; 5-10% leuc flecs; non magnetic		
BG11-125	297.30	298.80	C1619	1.50	<.03	1% py in one to two frac's; 5% carb vn'ing; strongly magnetic		
BG11-125	298.80	299.60	C1620	0.80	<.03	as above		
BG11-125	301.90	303.00	C1621	1.10	<.03	1-3% py; 10-15% whitepurple carb vn's at 10 deg TCA up to 2cm wide; 5-10% leuc flecs; non-magnetic only where leuc flecs occure		
BG11-125	303.00	303.80	C1622	0.80	0.343	as above		
BG11-125	303.80	304.40	C1623	0.60	<.03	strongly magnetic; 5-10% carb filled frac's; 1-2 py in weak frac's		
BG11-125	304.40	305.00	C1624	0.60	<.03	multiple hairline frac's with py, overal 5-7% py; strongly magnetic; 5-10% carb filled frac's		
BG11-125	305.00	306.00	C1625	1.00	0.411	multiple hairline frac's with py, overal 5-7% py; strongly magnetic; 5-10% carb filled frac's; patchy epi alt'n		
BG11-125	306.00	307.20	C1626	1.20	<.03	3-5% diss py in hairline frac's; epi in other hairline frac's at 65 to 90 deg TCA; strongly mag		
BG11-125	307.20	308.20	C1627	1.00	<.03	1-3% py in hairline frac's; <5% carb vn'ing		
BG11-125	308.20	309.00	C1628	0.80	0.411	3-5% diss py in hairline frac's; epi in other hairline frac's at 65 to 90 deg TCA; strongly mag; <5% carb vn'ing		
BG11-125	309.00	309.80	C1629	0.80	1.646	5-7% py in network frac'ing; 10% leuc flecs; sections without leuc flecs are strongly magnetic	1.714	1.577
BG11-125	309.80	310.80	C1630	1.00	<.03	negl py, negl frac's; 5% carb vn'lets		
BG11-125	315.00	315.90	C1631	0.90	<.03	315.4m 0.1cm wide carb vn with py at 45 deg TCA		

Hole_ID	From	To	Sample_#	Length	Au ppm	Description	Au ppm_ck	Au ppm-ck2
BG11-125	321.20	321.70	C1632	0.50	<.03	321.37 to 321.46m local shear slips with carb+qtz at 65 to 85 deg TCA		
BG11-125	324.70	325.50	C1633	0.80	0.069	20-25% carb filled fractures , negl py		
BG11-125	325.50	326.40	C1634	0.90	0.137	325.5 to 326.3m brittle shear zone with mod ser; brittle frac'ing with 15-30% qtz+carb vn'ing + chl; shear zone starts at 325.6 at 25 deg TCA with a 0.25 cm wide py band; frac's + vn's at 45 to 50 deg TCA		
BG11-125	326.40	327.40	C1635	1.00	<.03	20-25% carb filled fractures , negl py; <1% py in weak hairline frac's		
BG11-125	332.20	333.70	C1636	1.50	0.069	5% qtz+carb vn'lets		
BG11-125	333.70	335.00	C1637	1.30	<.03	5% calcite+carb+qtz+epi vn'ing up to 1.5cm wide at 40 to 55 deg TCA; occasional cpy+py in vn's		
BG11-125	335.00	336.00	C1638	1.00	<.03	15% calcite+carb+qtz+epi vn'ing up to 1.5cm wide at 20 to 55 deg TCA; occasional cpy+py in vn's		
BG11-125	336.00	337.30	C1639	1.30	0.069	10% calcite+qtz-carb +epi vn's; minor cpy in vn's		
BG11-125	345.60	346.50	C1640	0.90	1.372	345.9m 3cm wide carb+chl - possible flt-slip at 85 deg TCA	1.303	1.440
BG11-125	348.00	348.90	C1641	0.90	<.03	bad blocky ground; 348.25 to 348.4m local shear with ser+chl; overall tr py; FP at 348.6 to 348.9m		
BG11-125	348.90	350.20	C1642	1.30	0.206	Diorite; bad blocky ground; 5% calcite-carb vn'lets and alone slips		
BG11-125	**350.20**	**350.70**	**C1644**	**0.50**	**0.960**	**bad blocky ground, several pieces of 95% py in qtz, probably a low angle TCA vn; one 0.25 cm wide vn with biotite?**		
BG11-125	350.70	351.70	C1646	1.00	0.343	3-5% diss py along slips, blocky ground		
BG11-125	351.70	353.00	C1647	1.30	0.411	5% carb vnlets; 1% py		
BG11-125	353.00	354.50	C1648	1.50	0.343	tr py; <5% carb+qtz vn'ing		
BG11-125	354.50	356.00	C1649	1.50	<.03	tr py; 5% carb+qtz vn'ing		
BG11-125	356.00	357.10	C1650	1.10	<.03	tr py up to 357m; 357 to 357.1m 3-5% diss py		
BG11-125	357.10	358.10	C1651	1.00	2.674	0 to 5 deg TCA anastomosing frac's with qtz+chl+minor carb + 1-2% py	2.811	2.537
BG11-125	358.10	359.60	C1652	1.50	0.069	1-2% py in hairline frac's; 2-5% fine leuc flecs		
BG11-125	*359.60*	*360.60*	*C1653*	*1.00*	0.274	*359.9 to 376m possible South Zone mod to strong sil alt'n in diorite & diorite breccia with occasional narrow localized shear - frac's with py in vn's & frac's with grey carb and qtz-dol;* 359.9 to 360.5m 10-15% carb vn's, 1-5% py in frac's, 360.27m 5cm wide qtz-dol vn at 70 deg TCA		
BG11-125	360.60	362.10	C1654	1.50	<.03	weak frac'ing with 1-3% py		
BG11-125	362.10	363.60	C1655	1.50	0.069	tr py in matrix; 5% carb vn's		
BG11-125	**363.60**	**364.60**	**C1656**	**1.00**	**0.960**	**363.65m 1cm wide 50% py vn at 50 deg TCA; 364.34m 2 cm qtz-dol vn at 70 deg TCA possible Flt; minor frac's with py, overall 1-3% py**		
BG11-125	364.60	365.60	C1657	1.00	0.137	weak 0 to 15 deg TCA frac'ing with qtz-dol+py, overall 1-2% py		
BG11-125	365.60	366.60	C1658	1.00	0.274	366.05 to 366.2m strong localized shear at 50 deg TCA with up to 3mm wide py banding+ chl+qtz-dol; 2-5% py in other frac's with carb		
BG11-125	366.60	367.60	C1659	1.00	<.03	5% qtz-dol; 1-2% py in frac's; 367.3 flt-slip at Diorite-Diorite Bx (FP) contact		
BG11-125	367.60	368.60	C1660	1.00	0.069	5-7% py; 15%-25% qtz dol and carb vn'ing; ser+chl+sil alt'n		
BG11-125	368.60	369.60	C1661	1.00	<.03	3-5% grey carb+chl at 5 to 0 deg TCA		
BG11-125	369.60	371.00	C1662	1.40	<.03	2-7% py in frac's and in matrix; slio at 370.3m at 80 deg TCA with qtz-dol vn'ing		
BG11-125	371.00	372.50	C1663	1.50	<.03	5-8% diss py in matrix with minor py in frac's		
BG11-125	372.50	373.20	C1664	0.70	<.03	5-8% diss py in matrix with minor py in frac's; 2cm qtz-dol-carb vn 2 cm wide at 5 deg TCA		
BG11-125	**373.20**	**373.90**	**C1666**	**0.70**	**0.206**	**373.4 to 373.52m 75% py vn 4 cm wide at 35 deg TCA + chl+carb; 5-8% diss py in matrix**		
BG11-125	373.90	375.00	C1668	1.10	0.137	3-5% diss py; 374.6 to 374.9 shear with chl at 10-25 deg TCA		
BG11-125	375.00	376.00	C1669	1.00	<.03	375.5 to 375.6 and 375.7 to 375.8m shears at 20 and 45 deg TCA with 35% qtz+dol+chl+ ser alt'n, 3-5% diss py in micro frac's		
BG11-125	376.00	377.00	C1670	1.00	0.137	2-5% diss py		
BG11-125	377.00	378.00	C1671	1.00	1.783	as above; 5-10% carb vn'ing	1.714	1.851
BG11-125	378.00	379.50	C1672	1.50	<.03	1% fg py; weak ser+chl perv alt'n		
BG11-125	379.50	380.20	C1673	0.70	0.274	379.85 to 380.05m 0.5cm wide carb vn with 50% py at 0 deg TCA		
BG11-125	380.20	380.80	C1674	0.60	<.03	negl py, unit looks liike a banded? Mafic or fine diorite dyke?		
BG11-125	380.80	381.60	C1675	0.80	<.03	380.8 to 381.02m 0.25cm wide carb vn with 35%py at 0 deg TCA		
BG11-125	381.60	382.40	C1676	0.80	<.03	381.6 to 381.75 m carb vn 0.3cm wide with 50% py at 0 deg TCA		
BG11-125	382.40	383.90	C1677	1.50	0.069	1-5% diss py		
BG11-125	383.90	385.40	C1678	1.50	0.069	1-5% diss py		
BG11-125	385.40	386.90	C1679	1.50	0.137	1-3% diss py		
BG11-125	386.90	388.00	C1680	1.10	<.03	1-3% diss py; 387 to 387.4m 2mm to 1cm wide qtz+carb subparallel vn's at 60-65 deg TCA		

Hole_ID	From	To	Sample_#	Length	Au ppm	Description	Au ppm_ck	Au ppm-ck2
BG11-125	395.30	396.30	C1681	1.00	<.03	8 to 10 carb vn's up to 1cm wide at 65 deg TCA and an earlier 0 deg TCA carb vn; 1-2% diss py and 5% leuc flecs		
BG11-125	396.30	397.80	C1682	1.50	0.069	396.3 to 398.4m strong 0 deg TCA slip with chl + hydrothermal carb vn'ing up to 3 cm wide; 1-2% py in matrix		
BG11-125	397.80	399.00	C1683	1.20	0.137	1-2% diss py in matrix		
BG11-125	399.00	399.70	C1684	0.70	<.03	1-3% diss py in matrix		
BG11-125	399.70	400.50	C1685	0.80	0.274	at 400m 1cm wide py vn at 50 deg TCA with qtz; and two frac's with py; 3-5% diss py in matrix + 5% fg leuc flecs		
BG11-125	402.30	403.30	C1686	1.00	<.03	1-3% diss py inmatrix and in frac's		
BG11-125	404.60	406.00	C1687	1.40	<.03	multiple carb+qtz+chl vn's up to 1 cm wide at 40 to 60 deg TCA; 1% py in matrix		
BG11-125	406.00	407.30	C1688	1.30	<.03	1-2% diss py in matrix		
BG11-125	407.30	408.40	C1689	1.10	<.03	407.5m 45 deg TCA 3 cm localized shear with chl+carb 1% py; 1-2% py in matrix		
BG11-125	**408.40**	**409.40**	**C1691**	**1.00**	**0.823**	**408.7 to 411.2 flt-slip at 0-10 deg TCA with qtz+carb & chl+ser on margins, 5-10% fg diss py adjacent to flt at 408.8 to 409.2m and 1-5% py adjacent to flt for remainder**		
BG11-125	409.40	410.40	C1693	1.00	0.480	as described in 408.4 to 409.4m		
BG11-125	410.40	411.70	C1694	1.30	<.03	as described in 408.4 to 409.4m		
BG11-125	411.70	413.20	C1695	1.50	0.206	sil chert-like alt'n; 1% diss py in matrix		
BG11-125	418.60	420.00	C1696	1.40	<.03	418.8m 3mm wide carb vn'let with py at 40 deg TCA; tr py in matrix		
BG11-125	425.00	426.00	C1697	1.00	<.03	425.15m 1.5cm wide carb vn with 10% py at 30-35 deg TCA; 1-2% fg py in matrix & in frac's		
BG11-125	426.00	426.80	C1698	0.80	<.03	426.2 to 426.65m sil dyke with 5-7% fg diss py25 to 30 deg TCA contacts		
BG11-125	426.80	427.60	C1699	0.80	<.03	tr py		
BG11-125	427.60	429.00	C1700	1.40	0.069	427.97 to 428.04m sil brown dyke with py on margins contacts at 90 deg TCA; 5-10% carb vn'ing; 1-2% fg py diss in matrix		
BG11-125	429.00	430.00	C3601	1.00	<.03	section magnetic from 429 to 429.6m; 15-25% carb vn'ing; 3-5% leuc flecs		
BG11-125	430.00	431.00	C3602	1.00	<.03	430.4 to 433.1m weak shear zone with localized 10-15cm wide strong shear slips with 60-70% qtz-dol-carb vn'ing at 55 to 85 deg TCA; strong perv chl alt'n; 5-20% leuc flecs, tr to 1% diss py except from 432.6 to 433.1m with 3-5% fg py in carb irrgular vn's		
BG11-125	431.00	432.00	C3603	1.00	<.03	see decsription in 430 to 431m		
BG11-125	432.00	432.60	C3604	0.60	<.03	see decsription in 430 to 431m		
BG11-125	432.60	433.60	C3605	1.00	<.03	see decsription in 430 to 431m		
BG11-125	433.60	435.00	C3606	1.40	<.03	5% leuc flecs; tr py; 10% carb vn'lets		
BG11-125	435.00	436.40	C3607	1.40	**0.206**	as above		
BG11-125	436.40	437.70	C3608	1.30	<.03	15-25% multiple carb qtz vn's at 45 to 55 deg TCA; 5% leuc flecs; strong perv chl alt'n; 1% py in matrix		
BG11-125	437.70	438.50	C3609	0.80	**0.137**	**Possible South Zone starts at 437.8 to 450m**; multiple vn's up to 3mm wide at 30 to 45 deg TCA with py with carb; overall 3-5% py; 5% white carb vn'ing; 5-10% leuc flecs		
BG11-125	438.50	440.00	C3610	1.50	<.03	as above but less py vn'ing		
BG11-125	440.00	441.00	C3611	1.00	<.03	as above		
BG11-125	*441.00*	*441.90*	*C3613*	*0.90*	*0.274*	*441.12 to 441.2m 8cm wide multi linked carb vn'ing at 90 and o deg TCA with 65% py; 441.5 to 441.6m qtz-carb vn'ing with 10% py; 1-3% diss py in matrix; 5-10% leuc flecs*		
BG11-125	441.90	442.90	C3615	1.00	<.03	two to three carb vn's at 60 to 70 deg TCA up to 4mm wide with py + 5% carb vn's; 5% leuc flecs; 1-3% diss py in matrix		
BG11-125	442.90	443.60	C3616	0.70	<.03	1-2% py in discontinuous frac; 1-2% diss py in matrix; <5%carb vn'ing		
BG11-125	*443.60*	*444.50*	*C3617*	*0.90*	*<.03*	*443.6 to 444m perv sil alt'n - dk brown matrix - 8-10% diss py - dk grey vn'lets; 3-5% py in narrow frac's and in matrix*		
BG11-125	*444.50*	*445.20*	*C3618*	*0.70*	*<.03*	*5-7% diss py in slips; stronger shearing starts at 445 to 450m at 10 to 45 deg TCA*		
BG11-125	**445.20**	**446.00**	**C3619**	**0.80**	**<.03**	**445.5 to 445.75m 10-15% fg py in strong carb-chl vn'ing at 15 to 20 deg TCA + minor grey qtz vn'lets**		
BG11-125	*446.00*	*447.00*	*C3620*	*1.00*	*<.03*	*3-5% diss py in discontinuous slips in shear; minor discontinuous carb vn's; Diorite - FP contact at 447 - flt contact at 10 deg TCA*		
BG11-125	*447.00*	*448.00*	*C3621*	*1.00*	*<.03*	*3-5% diss py in slips; 447.2 to 447.65m flt-gouge 20 to 35 deg TCA with 20% qtz-carb vn'ing; 3-5% py in hairline frac's*		
BG11-125	448.00	449.00	C3622	1.00	<.03	1-2% py in hairline anastomosing frac's at 20 to 35 deg TCA with chl+ser		

Hole_ID	From	To	Sample_#	Length	Au ppm	Description	Au ppm_ck	Au ppm-ck2
BG11-125	*449.00*	*450.00*	*C3623*	*1.00*	*0.411*	*5-7% fg grey py in chl+qtz-dol vn'ing-frac's; strong brittle shearing at 25 to 35 deg TCA*		
BG11-125	450.00	451.00	C3624	1.00	<.03	1-2% anhedral py in 1mm iregular clots with chl; weak frac'ing		
BG11-125	451.00	452.00	C3625	1.00	<.03	as above		
BG11-125	452.00	453.50	C3626	1.50	<.03	badly brokwn core; 1% py in matrix		
BG11-125	453.50	454.50	C3627	1.00	<.03	as above		
BG11-125	454.50	455.40	C3628	0.90	<.03	weak shear 454.5 to 455m at 35 to 45 deg TCA with chl+ser on slips, 1% diss py		
BG11-125	455.40	456.00	C3629	0.60	<.03	flt at 60 deg TCA with chl + adjacent qtz vn at 455.65		
BG11-125	456.00	457.20	C3630	1.20	<.03	<1% py		
BG11-125	457.20	458.70	C3631	1.50	0.069	457.55m flt with chl gouge at 25 deg TCA; <1% py in matrix		
BG11-125	466.10	466.70	C3632	0.60	**<.03**	5% qtz-dol vn'ing; weak flt-slip at 466.2m at 15 deg TCA; tr py		
BG11-125	468.90	469.60	C3633	0.70	<.03	469.1 to 469.3m weak penetrative frac's with chl-qtz + 1-2% py		
BG11-125	475.50	476.50	C3634	1.00	<.03	weak frac'ing with chl+qtz-dol+1% py		
BG11-125	479.30	480.80	C3635	1.50	<.03	weak <2mm wide frac's with qtz-dol-chl+py; overall 3-5% py		
BG11-125	480.80	481.80	C3636	1.00	<.03	as above		
BG11-125	488.40	489.00	C3637	0.60	<.03	flt bx with chl matrix at 488.85m at 75 deg TCA; tr py in matrix		
BG11-125	490.30	491.40	C3638	1.10	<.03	491.2 m slip - flt with qtz at 25 deg TCA, 2cm qtz vn; tr py		
BG11-125	*495.70*	*496.70*	*C3639*	*1.00*	*<.03*	*495.7 to 515.6m red oxy'd hem matrix with irregular & discontinuous qtz + chl vn'ing - spiderweb vn's with py+ spec hem+occasional cpy, overall py 1-7%, good 7cm wide 80% py vn at 505.9 to 506m and late bull white qtz vn's and qtz in stress frac's*		
BG11-125	*496.70*	*498.00*	*C3641*	*1.30*	*<.03*	*see description in 495.7 to 496.7m; multiple 5-10% qtz-dol white vn's at 30 to 55 deg TCA up to 1cm wide*		
BG11-125	*498.00*	*499.00*	*C3643*	*1.00*	*<.03*	*see description in 495.7 to 496.7m;*		
BG11-125	*499.00*	*500.00*	*C3644*	*1.00*	*<.03*	*see description in 495.7 to 496.7m;*		
BG11-125	*500.00*	*501.00*	*C3645*	*1.00*	*<.03*	*see description in 495.7 to 496.7m;*		
BG11-125	501.00	502.00	C3646	1.00	<.03	*see description in 495.7 to 496.7m; 3-7% py in chl frac's; <5% late qtz-dol vn'ing*		
BG11-125	502.00	503.00	C3647	1.00	<.03	*see description in 495.7 to 496.7m; 3-5% py in chl- qtz vn's*		
BG11-125	503.00	504.00	C3648	1.00	<.03	*see description in 495.7 to 496.7m; 5-7% fg py in irregular frac's; one 0.10 cm wide qtz-dol vn*		
BG11-125	504.00	505.00	C3649	1.00	<.03	*see description in 495.7 to 496.7m; 3-5% py*		
BG11-125	505.00	505.60	C3650	0.60	0.206	*see description in 495.7 to 496.7m; 1-5% py*		
BG11-125	**505.60**	**506.50**	**C3651**	**0.90**	**13.612**	***see description in 495.7 to 496.7m; 505.9 to 506m 7cm wide vn with 80% py with qtz+chl at 90 deg TCA; other frac's-vn's at 75 to 80 deg TCA with 10-15% py overall, one 1mm frac with cpy***	**14.674**	**12.549**
BG11-125	**506.50**	**507.50**	**C3653**	**1.00**	**0.754**	***see description in 495.7 to 496.7m; 5-7% py in frac's***		
BG11-125	507.50	508.50	C3654	1.00	0.069	*see description in 495.7 to 496.7m; 5-7% py in frac's*		
BG11-125	508.50	509.50	C3655	1.00	0.137	*see description in 495.7 to 496.7m; 1-5% py in frac's*		
BG11-125	509.50	510.00	C3656	0.50	<.03	*see description in 495.7 to 496.7m; <1% py*		
BG11-125	510.00	511.50	C3657	1.50	<.03	*see description in 495.7 to 496.7m; 5-7% py in frac's*		
BG11-125	511.50	513.00	C3658	1.50	<.03	*see description in 495.7 to 496.7m; 3-5% py in frac's-vn's*		
BG11-125	513.00	514.50	C3659	1.50	<.03	*see description in 495.7 to 496.7m; 1-3% py in frac's*		
BG11-125	514.50	515.70	C3660	1.20	<.03	*see description in 495.7 to 496.7m; 1-2% py*		
BG11-125	515.70	516.70	C3661	1.00	<.03	1-2% py in irregular discontinuous frac's		
BG11-125	525.80	526.80	C3662	1.00	<.03	two possible syenite dykes with 3-5% diss py		
BG11-125	526.80	528.00	C3663	1.20	0.069	527.2 to 527.9m slips at 0 to 45 deg TCA with adjacent qtz-dol vn up to 3 cm wide; 1-2% diss py; 3-5% leuc flecs in patches		
BG11-125	528.00	529.50	C3664	1.50	<.03	slips at 5 to 10 deg TCA with qtz- carb vn'ing; 1% diss py		
BG11-125	529.50	531.00	C3665	1.50	<.03	as above		
BG11-125	531.00	531.80	C3666	0.80	<.03	0 to 10 deg TCA carb and grey qtz vn; 1% py		
BG11-125	545.80	547.00	C3667	1.20	<.03	1% diss py in frac's; 5-10% carb vn's		
BG11-125	547.00	548.10	C3669	1.10	<.03	<1% py		
BG11-125	548.10	549.10	C3670	1.00	<.03	<1% py		
BG11-125	549.10	550.10	C3671	1.00	<.03	as above		
BG11-125	550.10	551.10	C3672	1.00	<.03	550.1 to 556.4m strong fracture zone with 10 to 25% qtz-dol vn'ing at 5 to 45 deg TCA with frac;s having chl+ser+py; overall 1-5% py; strong flt's at 554.25 to 554.4m at 55 deg TCA and at 556.4 at 25 deg TCA;		

Hole_ID	From	To	Sample_#	Length	Au ppm	Description	Au ppm_ck	Au ppm-ck2
BG11-125	551.10	552.10	C3673	1.00	<.03	as described in 550.1 to 551.1m		
BG11-125	552.10	553.20	C3674	1.10	<.03	as described in 550.1 to 551.1m		
BG11-125	553.20	554.20	C3675	1.00	<.03	as described in 550.1 to 551.1m		
BG11-125	554.20	555.00	C3676	0.80	<.03	as described in 550.1 to 551.1m; strong flt 554.25 to 554.4m flt bx with chl at 55 deg TCA; 554.6 to 555m 10-12% fg py in irregular hairline frac's		
BG11-125	555.00	556.00	C3677	1.00	<.03	as described in 550.1 to 551.1m; 555 to 555.4m 5-10% py in irregular frac's		
BG11-125	**556.00**	**556.70**	**C3678**	**0.70**	**2.675**	**as described in 550.1 to 551.1m; 556.4m flt at 25 deg TCA with minor gouge 556.4 to 556.7m 3-5% py in hairline frac's**	**2.400**	**2.949**
BG11-125	556.70	557.60	C3679	0.90	<.03	3-5% fg py in slips moderately sheared diorite with 10% qtz-dol vn'ing; 5% leuc flecs		
BG11-125	557.60	559.00	C3680	1.40	<.03	1-3% py		
BG11-125	568.80	570.00	C3681	1.20	<.03	569.7m a 0.10 cm wide carb vn with py; last sample for BG11-125; 570m EOH		
BG11-126	9.70	10.50	C3684	0.80	<.03	outside of frac'd section with chl in weak frac's		
BG11-126	10.50	11.50	C3685	1.00	0.069	10.5 to 12.3m Frac'd zone with 0 and 45 deg TCA hairline frac's with chl + qtz-dol+ 3-5% py in frac's		
BG11-126	**11.50**	**12.50**	**C3686**	**1.00**	**1.063**	**as described above**	**1.166**	**0.960**
BG11-126	18.00	19.00	C3687	1.00	<.03	1-2% diss py		
BG11-126	19.00	20.10	C3689	1.10	<.03	10-15% frac's with chl+1-3% py and 5% qtz-dol vnlets at 10 deg TCA; 19.45m 3cm wide qtz vn at 45 deg TCA with 10-15% py		
BG11-126	23.00	24.00	C3690	1.00	<.03	1% fg py in matrix; pale red coloured matrix; weak ser in hairline frac's		
BG11-126	**24.00**	**24.80**	**C3691**	**0.80**	**0.960**	**24 to 24.5m 5-8% py in 0.25 cm wide qtz-carb-dol vn at 0 deg TCA and in a 2 cm wide vn at 20 deg TCA adjacent to a fault with minor gouge**		
BG11-126	24.80	25.80	C3693	1.00	<.03	strong non-penetrative hairline frac's with ser+qtz-dol; 1-2% py in matrix		
BG11-126	25.80	27.00	C3694	1.20	<.03	strong non-penetrative hairline frac's with ser+qtz-dol; 1-2% py in matrix		
BG11-126	27.00	28.00	C3695	1.00	<.03	1% fg py in matrix		
BG11-126	28.00	28.50	C3696	0.50	<.03	28.15m 0.2 cm wide qtz-dol vn at 45 deg TCA with 90% py		
BG11-126	30.30	31.80	C3697	1.50	<.03	occasional weak frac's 1mm wide with py; overall 1% py		
BG11-126	31.80	33.00	C3698	1.20	<.03	as above but 3-5% py		
BG11-126	37.90	39.20	C3699	1.30	0.069	1-2% py in rare frac's		
BG11-126	45.90	46.40	C3700	0.50	<.03	<1% py		
BG11-126	46.40	47.00	C3701	0.60	0.206	46.5 to 46.8m two sub-parallel pink white carb vn's 0.1 to 0.5 cm wide with chl and 25 to 50% py at 10-35 deg TCA		
BG11-126	47.00	48.50	C3702	1.50	<.03	1% diss py in matrix		
BG11-126	48.50	49.50	C3703	1.00	0.069	48.5 to 53.7m weakly frac'd section with hairline non-penetrative frac's with ser + chl; shear at 50 to 50.1m at 45 deg TCA with ser+chl+qtz-dol-carb vn'ing and frequent narrow 1-4mm wide shear-slips with ser at 20 to 45 deg TCA with occasional py 1-5% overall		
BG11-126	49.50	51.00	C3704	1.50	<.03	as described above		
BG11-126	51.00	52.00	C3705	1.00	0.343	as described above		
BG11-126	52.00	53.00	C3706	1.00	0.343	as described above		
BG11-126	53.00	53.80	C3707	0.80	<.03	as described above		
BG11-126	55.70	56.80	C3708	1.10	<.03	weak frac'ing at 20 deg TCA with chl+ser+1-2% py		
BG11-126	61.90	62.90	C3710	1.00	<.03	1-3% py in matrix and in chl+carb frac at 20 deg TCA		
BG11-126	**62.90**	**63.90**	**C3711**	**1.00**	**0.891**	**62.9 to 64.8m 5-10% py + minor py in carb frac's and diss in matrix strong carb alt'n + ser+chl with 5 deg TCA flt from 62.9 to 63.3m**		
BG11-126	63.90	64.90	C3712	1.00	2.298	as described above	2.469	2.126
BG11-126	64.90	66.40	C3714	1.50	<.03	as described above		
BG11-126	66.40	67.30	C3715	0.90	<.03	flt slip at 10 deg TCA fron 66.4 to 66.6m; 65 to 85 deg TCA stress frac's with pink white carb		
BG11-126	69.90	71.40	C3716	1.50	<.03	discontinuous frac's with chl+py at 15 to 20 deg TCA; 1-2% py		
BG11-126	71.40	72.40	C3717	1.00	<.03	70.7 to 70.8m frac with 2cm carb vn+chl+ 0.5cm wide py band at 25 deg TCA; at 72.3m 15 deg TCA frac+carb vnlet with 5% py in carb vn		
BG11-126	72.40	73.80	C3718	1.40	<.03	1-3% diss py in frac's and in matrix		
BG11-126	73.80	74.70	C3719	0.90	<.03	as above		

Hole_ID	From	To	Sample_#	Length	Au ppm	Description	Au ppm_ck	Au ppm-ck2
BG11-126	*85.00*	*86.00*	*C3720*	*1.00*	*0.069*	*85.4 to 87.7m weak brittle shear at 15 to 25 deg TCA with perv ser+qtz-dol alt'n, strong local slips at 85.4, 86.2, 86.45, 87.55m; at 85.4m 0.5cm wide qtz-dol vn at 15 deg TCA with ealry py vn near to slip; 86.2m .10 cm wide grey qtz at 20 deg TCA; 5cm wide qtz-dol vn at 20 deg TCA adjacent to slip-shear at 86.4 to 86.5m with mo+py; 87.85m 0.15cm wide mo qtz vn at 60 deg TCA; 87.5 to 87.6m mo+qtz vn 0.1cm wide at 25 deg TCA*		
BG11-126	*86.00*	*87.00*	*C3721*	*1.00*	*0.411*	*as described above*		
BG11-126	87.00	88.00	C3722	1.00	<.03	*as described above*		
BG11-126	88.00	89.50	C3723	1.50	0.069	1-2% dis py in matrix		
BG11-126	89.50	90.00	C3724	0.50	<.03	two subparallel qtz-dol-chl vn's at 0.25 to 0.75 cm wide vn's with 5-15% py ar 25 deg TCA		
BG11-126	93.00	93.90	C3725	0.90	<.03	FP-Syenite contact with 1-2% diss py in syenite		
BG11-126	100.80	101.80	C3726	1.00	<.03	Syenite - Argillite contact with 0.25cm wide vn with py at 65 deg TCA and 3-5% fg diss py in a 8 cm wide section of argillite		
BG11-126	105.90	107.00	C3727	1.10	<.03	105.95m 0.5cm wide carb+qtz vn at 20 to 25 deg TCA with 1% py, narrow shear slip		
BG11-126	107.00	108.00	C3728	1.00	<.03	107.3 to 107.4m 0 deg TCA 2-3mm wide bone white qtz-dol with 5% py; 107.65m 3mm wide bone white qtz-do vn with 3% py+cpy at 40 deg TCA		
BG11-126	**108.00**	**108.90**	**C3729**	**0.90**	**2.126**	**108 to 109m anastomosing hairline frac'ing at 0 deg TCA with 5-7% py + qtz+dol+carb+chl up to 1.5 cm wide**	**1.783**	**2.469**
BG11-126	**108.90**	**109.50**	**C3730**	**0.60**	**3.120**	**25% qtz dol carb vn'ing at 0 and 30 deg TCA with 5-7% py and at 109.4 to 109.5m 20 deg TCA 35% py vn's at 20 deg TCA**	**3.017**	**3.223**
BG11-126	109.50	110.50	C3731	1.00	0.274	weak frac'ing with 1-2% diss py; slip-qtz-dol at 20 deg TCA at 109.95m		
BG11-126	110.50	111.60	C3732	1.10	<.03	11.2 to 11.6m 3-5% anhedral py clusters in sil alt'd section		
BG11-126	114.40	115.00	C3733	0.60	<.03	114.7m local shear 3 cm wide at 30 deg TCA with ser+qtz-dol		
BG11-126	118.70	120.00	C3734	1.30	<.03	weak irregular frac'ing with ser+chl+1-2% py+<5% qtz-dol vn'ing		
BG11-126	120.00	121.50	C3735	1.50	<.03	as above		
BG11-126	123.60	124.50	C3736	0.90	<.03	weak brittle shear zone at 15 to 20 deg TCA; 0 deg TCA chl-qtz-dol slip		
BG11-126	138.00	138.50	C3737	0.50	<.03	138.26 to 138.34m hydrothermal bx in grey carb at 35 deg TCA at 5cm wide		
BG11-126	143.60	144.60	C3738	1.00	0.206	143.65 to 145.6m weak shear from 0 to 30 deg TCA with carb+qtz-dol vn'ing + ser+chl; tr py		
BG11-126	144.60	145.70	C3739	1.10	<.03	as above		
BG11-126	157.00	158.50	C3740	1.50	<.03	25 to 30% late qtz-minor dol vn'ing up to 3cm wide at 40 to 50 deg TCA		
BG11-126	158.50	159.00	C3742	0.50	<.03	as above		
BG11-126	170.20	171.70	C3743	1.50	<.03	FP-Diorite contact; 3-5% diss py in diorite matrix		
BG11-126	171.70	173.20	C3745	1.50	<.03	1-5% fg py in matrix in diorite		
BG11-126	173.20	174.70	C3746	1.50	<.03	5-7% diss py in matrix		
BG11-126	174.70	175.70	C3747	1.00	<.03	as above		
BG11-126	175.70	176.70	C3748	1.00	<.03	as above		
BG11-126	176.70	177.40	C3749	0.70	<.03	5-7% diss py in matrix; weak shear slips start at 177m with 5-7% py in slips		
BG11-126	**177.40**	**178.10**	**C3750**	**0.70**	**<.03**	**177.3 to 179m and 181.6 to 182.2m mod shear at 55 to 65 deg TCA with perv carb alt'n and 8-20% py in slips and in matrix, 5-10% late pink white carb vn'ing**		
BG11-126	**178.10**	**178.90**	**C3752**	**0.80**	**<.03**	**as described in 177.4 to 178.1m**		
BG11-126	178.90	180.00	C3753	1.10	<.03	179m 2cm wide carb vn adjacent to 70 deg TCA slip		
BG11-126	180.00	181.00	C3754	1.00	<.03	3-5% py in matrix in mauve coloured matrix		
BG11-126	181.00	182.20	C3755	1.20	<.03	as described in 177.4 to 178.1m; 3cm wide qtz-carb vn at 182.17m at 55 deg TCA		
BG11-126	182.20	183.40	C3756	1.20	<.03	<1% py		
BG11-126	183.40	184.40	C3757	1.00	<.03	183.5m 1cm wide local shear - slip with chl+15% py at 15-20 deg TCA		
BG11-126	184.40	185.40	C3758	1.00	0.411	1% py		
BG11-126	185.40	186.00	C3759	0.60	<.03	at 185.9 to 186m 3-5% py		
BG11-126	186.00	186.60	C3760	0.60	<.03	186 to 186.5m 3-7% py sometimes along 55 deg TCA non-penetrative frac's up to FP contact		
BG11-126	186.60	187.50	C3761	0.90	<.03	3-5% diss py in matrix		
BG11-126	189.40	190.50	C3762	1.10	<.03	189.5m 3cm wide qtz hydrothermal bx vn at 75 deg TCA; 3-5% fg py in matrix, increasing towards Diorite contact		
BG11-126	*190.50*	*191.20*	*C3764*	*0.70*	*<.03*	*5-8% diss py; 10-15% leuc flecs, strong carb alt'n*		
BG11-126	*191.20*	*192.00*	*C3765*	*0.80*	*<.03*	*5-8% diss py; 10-15% leuc flecs, strong carb alt'n*		

Hole_ID	From	To	Sample_#	Length	Au ppm	Description	Au ppm_ck	Au ppm-ck2
BG11-126	192.00	192.70	C3766	0.70	0.206	*3-5% diss py; 10% leuc flecs, weak to mod carb alt'n*		
BG11-126	192.70	194.00	C3767	1.30	<.03	tr py; Diorite to FP contact		
BG11-126	194.00	194.60	C3768	0.60	<.03	tr py in FP		
BG11-126	***194.60***	***195.60***	***C3769***	***1.00***	**7.714**	***FP-Diorite contact at 194.66m; in diorite 5-8% anhedral py + 10-15% leuc flecs***	**7.817**	**7.611**
BG11-126	***195.60***	***196.60***	***C3770***	***1.00***	**1.509**	***as above and 196 to 196.1m carb vn at 20 deg TCA***	**1.509**	**1.509**
BG11-126	*196.60*	*197.60*	*C3772*	*1.00*	*0.480*	*196.6 to 196.7 FP dyke; 5-7% diss py + 10-15% leuc flecs up to 197.1m, chl slips at 10 deg TCA*		
BG11-126	197.60	198.50	C3773	0.90	<.03	1-3% diss py+ 5-10% leuc flecs		
BG11-126	198.50	200.00	C3774	1.50	<.03	1% diss py; <5% leuc flecs		
BG11-126	200.00	201.50	C3775	1.50	0.069	3-5% py in matrix and at margins of carb vn's; 5-10% leuc flecs		
BG11-126	204.30	205.00	C3776	0.70	<.03	2mm wide carb vn with epi halo + py in vn at 25 deg TCA		
BG11-126	205.00	206.10	C3777	1.10	<.03	205 to 222.8m frequent carb vnlets (5-15%) with epi halo's with frequent py 1 to 5% overall with occasional qtz vn'ing, 1-5% leuc flecs		
BG11-126	206.10	207.10	C3778	1.00	0.206	as described in 205 to 206.1m;		
BG11-126	207.10	208.00	C3779	0.90	<.03	as described in 205 to 206.1m; 206.5 to 207m 1cm wide carb vn with epi halo 30% py		
BG11-126	208.00	209.00	C3780	1.00	0.069	as described in 205 to 206.1m		
BG11-126	209.00	209.90	C3781	0.90	<.03	as described in 205 to 206.1m; 3-5% diss py in carb frac's		
BG11-126	209.90	210.80	C3782	0.90	<.03	as described in 205 to 206.1m; 25% qtz vn'ing		
BG11-126	210.80	211.90	C3783	1.10	0.069	as described in 205 to 206.1m		
BG11-126	211.90	213.00	C3784	1.10	0.206	as described in 205 to 206.1m		
BG11-126	213.00	214.50	C3785	1.50	<.03	as described in 205 to 206.1m		
BG11-126	214.50	216.00	C3786	1.50	<.03	as described in 205 to 206.1m		
BG11-126	216.00	217.50	C3787	1.50	<.03	as described in 205 to 206.1m		
BG11-126	217.50	219.00	C3788	1.50	<.03	as described in 205 to 206.1m		
BG11-126	219.00	220.50	C3789	1.50	<.03	as described in 205 to 206.1m		
BG11-126	220.50	222.00	C3790	1.50	0.069	as described in 205 to 206.1m		
BG11-126	222.00	222.80	C3791	0.80	<.03	as described in 205 to 206.1m		
BG11-126	*222.80*	*223.50*	*C3792*	*0.70*	*0.480*	*3-5% diss py in matrix + minor py in slips; 10% leuc flecs; two sub-parallel carb vn's at 20 to 25 deg TCA*		
BG11-126	*223.50*	*234.10*	*C3793*	*10.60*	*0.206*	*223.5m 3cm wide carb+qtz vn at 20 deg TCA with 3-5% py in matrix and slips from 235.59 to 224m with 5% light grey late qtz vn'ing*		
BG11-126	234.10	225.00	C3794	-9.10	<.03	1% diss py; <5% leuc flecs		
BG11-126	225.00	226.50	C3795	1.50	<.03	as above		
BG11-126	226.50	227.50	C3796	1.00	<.03	<1% py; Diorite-FP contact at 227.1m; 227.2 to 227.4m carb vn with bx at 10 deg TCA with splash of cpy		
BG11-126	240.50	241.30	C3797	0.80	<.03	1-3% py in 10% carb vn's		
BG11-126	241.30	242.70	C3799	1.40	<.03	241.45m 7cm wide carb vn at 20-35 deg TCA with 5-10% spec hem and a 7 cm wide carb vn at Diorite-FP contact at 25 to 30 deg TCA		
BG11-126	242.70	245.20	C3800	2.50	0.069	244.4 to 244.5m 3-5% fg py in FP at contact with Diorite; 1% py in carb vn'ing in diorite		
BG11-126	255.90	256.90	C3801	1.00	0.069	255.9 to 256m 10% leuc flecs, 1-3% py; 11cn wide qtz-carb vn at 85 to 90 deg TCA with tr py and spec hem		
BG11-126	256.90	258.00	C3802	1.10	<.03	257.34 to 257.46m 11cm wide qtz-carb vn at 90 deg TCA with tr py + 1% spec hem		
BG11-126	270.50	271.40	C3804	0.90	0.069	tr py		
BG11-126	271.40	272.40	C3805	1.00	0.137	weak shearing at 20-25 deg TCA from 271.7 to 272.3m with epi+chl+carb+ 3-5% in frac's + 10% leuc flecs		
BG11-126	272.40	273.00	C3806	0.60	0.206	tr py		
BG11-126	283.50	285.00	C3807	1.50	0.274	25-30% late carb vn'ing up to 1cm wide at 80-90 deg TCA, tr py in matrix		
BG11-126	285.00	285.60	C3808	0.60	<.03	285.1m flt at 75 deg TCA; ser+chl in strong frac's + 25% carb+qtz vn'ing; 1-2% diss py and sharp contact at 285.47m at 80 deg TCA		
BG11-126	285.60	286.60	C3809	1.00	<.03	negl py; sub parallel carb vn's up to 2 cm wide at 70 to 85 deg TCA		
BG11-126	300.00	301.00	C3810	1.00	0.069	10% qtz-minor carb vn'ing , weak perv chl; negl py		
BG11-126	301.00	302.00	C3811	1.00	0.343	FP-Diorite contact at 301.1; 3-5% py in carb+chl filled 1 to 3mm wide disconitnuous frac's		
BG11-126	302.00	303.00	C3812	1.00	0.411	3-5% py in carb+chl filled 1 to 3mm wide disconitnuous frac's		

Hole_ID	From	To	Sample_#	Length	Au ppm	Description	Au ppm_ck	Au ppm-ck2
BG11-126	303.00	304.00	C3813	1.00	0.137	5-7% py in carb+chl filled 1 to 3mm wide disconitnuous frac's		
BG11-126	304.00	305.00	C3814	1.00	0.343	3-5% py in carb+chl filled 1 to 3mm wide disconitnuous frac's		
BG11-126	305.00	305.50	C3815	0.50	0.069	3-5% py in carb+chl filled 1 to 3mm wide disconitnuous frac's		
BG11-126	305.50	306.00	C3816	0.50	<.03	Diorite-FP contact		
BG11-126	**307.70**	**308.60**	**C3817**	**0.90**	**0.960**	**FP-Diorite contact with mod to strong epi alt'n in both FP and diroite units but 3-5% py+carb in diorite from 308.1 to 308.4, afterwards negl py**		
BG11-126	311.30	312.20	C3818	0.90	0.137	1-5% py in carb+epi halo vn'lets at 55 to 65 deg TCA and at 10 deg TCA		
BG11-126	324.40	325.40	C3819	1.00	<.03	15% carb and 10% qtz vn'ing at 25 to 55 deg TCA; 1-3% diss py in matrix		
BG11-126	325.40	326.30	C3820	0.90	<.03	mod 15-25% carb vn'ing at 80 to 90 deg TCA up to 1 cm wide, minor leuc flecs with 1% py		
BG11-126	334.30	335.30	C3821	1.00	<.03	1-2% diss py in matrix; 15% carb vn'ing at 25 to 45 deg TCA with 8 cm wide vn at 335.15m; weak chl local shear at 343.3m at 55 deg TCA		
BG11-126	335.30	336.20	C3822	0.90	<.03	1% diss py; 10% carb vn'ing		
BG11-126	343.30	344.80	C3823	1.50	0.274	5 deg TCA qtz+epi vn 1.5cm wide at 343.4m; 1-2% py adjacent to mod to strong hairline frac's with carb+epi		
BG11-126	**344.80**	**345.70**	**C3824**	**0.90**	**0.754**	**344.8 to 344.95m 3-7% py in 2 to 3mm wide carb vn'lets with epi halos; remainder of sample tr py**		
BG11-126	*345.70*	*346.80*	*C3825*	*1.10*	*0.343*	*5-8% py in carb vn'lets at 45 to 85 deg TCA; blocky ground*		
BG11-126	346.80	348.30	C3826	1.50	0.137	1% py in 5% carb vn'lets		
BG11-126	348.30	349.10	C3827	0.80	<.03	1-2% fg py in hairline frac's with carb +epi		
BG11-126	349.10	349.80	C3828	0.70	0.206	as above but <1% py		
BG11-126	351.60	353.10	C3829	1.50	0.137	qtz vn'ing + minor carb at 20 deg TCA		
BG11-126	353.10	354.00	C3830	0.90	0.137	<1% py; 353.4m 4cm wide qtz+carb vn at 70 deg TCA with splash of cpy		
BG11-126	354.00	355.30	C3831	1.30	0.274	1% py and 3-5% spec hem in qtz vn'lets		
BG11-126	355.30	356.80	C3832	1.50	0.274	15% white carb vn'ing at 20 to 40 deg TCA; tr py		
BG11-126	**356.80**	**357.50**	**C3833**	**0.70**	**0.549**	**15-20% carb+qtz vn'ing 30 to 85 deg TCA with two vn'lets having py; overall <1% py**		
BG11-126	361.10	362.50	C3834	1.40	<.03	361.7m 2cm wide chl shear at 35 to 45 deg TCA; strong carb alt'n+chl in frac's tr py		
BG11-126	362.50	363.00	C3836	0.50	<.03	362.85m 1.5cm wide carb vn at 55 to 60 deg TCA with 55% py		
BG11-126	363.00	363.50	C3838	0.50	<.03	363.05 to 363.28m flt-bx zone with carb + chl at 80 deg TCA; <1% py		
BG11-126	363.50	364.00	C3839	0.50	<.03	tr py		
BG11-126	369.90	370.90	C3840	1.00	<.03	35-55% qtz-dol-carb vn'ing and 0 deg slip with chl + carb <1% py		
BG11-126	370.90	372.00	C3841	1.10	<.03	35-55% qtz-dol-carb vn'ing and at 371.7m flt-slip with chl ay 90 deg TCA with a 4cm wide qtz+dol+carb, <1% py		
BG11-126	372.00	373.30	C3842	1.30	<.03	1-3% py in hairline frac's with chl+qtz+carb; 3-5% spec hem in carb vn		
BG11-126	373.30	374.50	C3843	1.20	0.137	1-2% diss py in frac's		
BG11-126	374.50	375.70	C3844	1.20	0.411	1-3% py in brittle frac's with carb + qtz frac's <2mm wide		
BG11-126	375.70	376.70	C3845	1.00	0.343	1-3% py in brittle frac's with carb + qtz frac's <2mm wide		
BG11-126	376.70	377.80	C3846	1.10	<.03	1% py in brittle frac's with carb+qtz+chl		
BG11-126	384.00	385.50	C3847	1.50	<.03	<1% py; 15-20% grey-white carb vn'ing + chl at 55 to 75 deg TCA		
BG11-126	388.60	389.80	C3848	1.20	<.03	20-25% carb filled stress frac's at 35 to 65 deg TCA; flt at 389m at 15 deg TCA with chl; 1% py in matrix		
BG11-126	389.80	390.60	C3849	0.80	<.03	5-10% qtz-dol+carb vn'ing; 390.5m flt with qtz-dol-chl at 65 deg TCA; <1% py		
BG11-126	390.60	391.50	C3850	0.90	<.03	20-30% carb+qtz-dol vn'ing at 0 deg TCA with py vn at 390.8m at 70 deg TCA; brittle frac'ing at predom 0 deg TCA with chl+qtz-dol vn'ing + slips - ser in matrix; 1% py		
BG11-126	391.50	392.20	C3851	0.70	<.03	0 deg TCA slip with carb+chl; <1% py		
BG11-126	392.20	393.20	C3852	1.00	<.03	392.7 to 393m 3-5% fg py in hairline frac's; 5% carb discontinuous frac's		
BG11-126	393.20	394.50	C3853	1.30	<.03	chl filled frac's + carb vn'lets; <1% py		
BG11-126	400.60	401.10	C3854	0.50	0.480	15% carb vn'lets at 435 deg TCA; tr py		
BG11-126	401.10	401.90	C3855	0.80	<.03	401.2 to 401.4 weak shear at 25 to 35 deg TCA with chl ; tr py		
BG11-126	401.90	402.60	C3856	0.70	<.03	0 deg TCA slip with adjacent carb+chl; <1% py		
BG11-126	402.60	404.10	C3857	1.50	<.03	tr py		
BG11-126	410.80	412.10	C3858	1.30	<.03	1-2% py in matrix		
BG11-126	412.10	412.80	C3860	0.70	0.206	412.3 to 412.7m 5-10deg TCA slip with chl+adjacent carb vn with 15% py; 1-3% diss py in matrix		
BG11-126	412.80	414.00	C3862	1.20	<.03	1% py in matrix		

Hole_ID	From	To	Sample_#	Length	Au ppm	Description	Au ppm_ck	Au ppm-ck2
BG11-126	420.00	420.80	C3863	0.80	<.03	420.3 to 420.5, carb vn at 35 deg TCA; tr py		
BG11-126	**420.80**	**421.40**	**C3864**	**0.60**	**7.749**	**420.8 to 421.2m high magnetic section with py in carb vn'ing at 25 to 30 deg TCA, 3-5% py**	**8.160**	**7.337**
BG11-126	421.40	421.90	C3865	0.50	0.069	chl in weak frac's; tr py		
BG11-126	427.90	428.90	C3866	1.00	0.206	negl py		
BG11-126	428.90	429.80	C3867	0.90	<.03	weak shear- brittle frac's with chl+carb +fg py 1-3%		
BG11-126	429.80	431.00	C3868	1.20	<.03	weak shear; tr py		
BG11-126	431.00	432.20	C3869	1.20	<.03	431.6 to 431.8m 25 deg TCA slips with carb; 1% py; fg leuc flecs		
BG11-126	436.70	437.80	C3870	1.10	<.03	1-5% py in brittle frac's; <5% carb vn'ing		
BG11-126	437.80	438.70	C3871	0.90	<.03	437.8 to 443.2m weak to moderate shear with chl frac's + carb + ser fg leuc flecs, 437.9m 45 to 55 deg TCA carb+chl frac's with 3-5% py 1 to 2mm wide; shear at 15 to 40 deg TCA		
BG11-126	438.70	439.70	C3872	1.00	<.03	as described in 437.8 to 438.7m; 1% py		
BG11-126	439.70	440.70	C3873	1.00	<.03	as described in 437.8 to 438.7m; 1% py		
BG11-126	440.70	441.30	C3874	0.60	<.03	as described in 437.8 to 438.7m; 3mm wide fg py at 35 deg TCA; 25% carb vn'ing in shear		
BG11-126	441.30	442.30	C3875	1.00	<.03	as described in 437.8 to 438.7m; 1% py		
BG11-126	442.30	443.30	C3876	1.00	<.03	as described in 437.8 to 438.7m; 442.3 to 443.2m 3-5% diss and anhedral py in chl+carb slips		
BG11-126	443.30	444.00	C3877	0.70	0.137	tr py		
BG11-126	**447.00**	**447.70**	**C3878**	**0.70**	**0.549**	**447.3 to 447.52m carb vn at 75 to 85 deg TCA with 2% cpy in slips at 70 to 90 deg TCA**		
BG11-126	447.70	448.80	C3879	1.10	<.03	tr py		
BG11-126	453.20	454.40	C3880	1.20	<.03	453.2m 4 cm ide qtz-dol+chl vn at 50 to 65 deg TCA; 0 deg TCA carb vn; tr py		
BG11-126	454.40	455.90	C3881	1.50	<.03	454.6m flt-slip at 50 deg TCA with 1cm wide carb+qtz+chl vn		
BG11-126	455.90	457.00	C3882	1.10	<.03	white carb flec's % qtz vn'ing discontinuous; 1-2% diss py in matrix		
BG11-126	457.00	458.50	C3883	1.50	<.03	457 to 457.5m 15-20% qtz vn'ing with tr spec hem; tr py		
BG11-126	458.50	459.30	C3884	0.80	<.03	perv sil-dol alt'n; 459m 1cm wide qtz-dol vn at 40 deg TCA with py band 3mm wide; 1-2% fg py in hairline frac's		
BG11-126	459.30	460.10	C3885	0.80	<.03	1-2% diss py in hairline frac's; perv sil-dol alt'n		
BG11-126	460.10	460.80	C3887	0.70	0.343	in diorite near FP contact 460.35 to 460.55m chl alt'n + 1cm wide bone grey qtz vn at 30 to 40 deg TCA with 5% py; <1% py in FP		
BG11-126	460.80	462.00	C3889	1.20	0.274	3-5% diss fg py; hairline non-penetrative frac's with weak ser		
BG11-126	462.00	462.70	C3890	0.70	0.137	<1% py		
BG11-126	462.70	463.70	C3891	1.00	<.03	two sub-parallel qtz frac's at 20 deg TCA 1- 2mm wide with py; 1-3% diss py in matrix		
BG11-126	463.70	465.00	C3892	1.30	<.03	<1% fg diss py in matrix; 4mm wide qtz vn at 464.95 at 20 deg TCA with 5% spec hem		
BG11-126	465.00	466.00	C3893	1.00	<.03	tr py in matrix		
BG11-126	**466.00**	**467.00**	**C3894**	**1.00**	**0.960**	**466.5 to 466.8m shear-flt zone at 20 deg TCA with chl+5% qtz-dol+15% py**		
BG11-126	467.00	468.20	C3895	1.20	0.274	<1% py		
BG11-126	472.00	472.90	C3896	0.90	**<.03**	<5% qtz-dol vn'lets		
BG11-126	472.90	473.30	C3897	0.40	**<.03**	1-3% py in network frac'ing with qtz+chl		
BG11-126	473.30	474.40	C3898	1.10	<.03	<1% py		
BG11-126	488.00	488.50	C3899	0.50	**<.03**	tr py in matrix		
BG11-126	***488.50***	***489.00***	***C3900***	***0.50***	***0.549***	***488.6 to 489m shear-flt at 15 deg TCA with 3cm wide qtz-dol+chl vn with 25% py***		
BG11-126	489.00	490.00	C3901	1.00	<.03	weak frac'ing with qtz-dol+ minor chl; tr py		
BG11-126	490.00	491.00	C3902	1.00	<.03	tr py in matrix		
BG11-126	493.10	494.60	C3903	1.50	0.343	<1% diss py		
BG11-126	*494.60*	*495.10*	*C3904*	*0.50*	*0.069*	*494.7 to 495.1m weak frac section with ser+chl+1-3% py in sub-parallel 1mm frac's at 25 to 40 deg TCA; 294.7m flt at 35 deg TCA with 1 cm qtz vn +chl+15% py*		
BG11-126	495.10	496.00	C3905	0.90	<.03	495.35m flt-shear at 45 deg TCA 2.5cm wide ser+chl + 0.25cm qtz-dol vn + 3-5% fg py;10-15% late qtz-dol vn'ing		
BG11-126	496.00	496.50	C3906	0.50	<.03	1% fg diss py in matrix		
BG11-126	496.50	497.20	C3907	0.70	0.069	weak frac'd section with 3-5% py in hairline non-penetrative frac's with ser+chl; 10-20% qtz-dol vn'ing		
BG11-126	497.20	497.70	C3908	0.50	<.03	as above but with 1-3% py		
BG11-126	502.80	503.80	C3909	1.00	<.03	503.15 weak flt at 30 deg TCA 1.5 cm wide chl+ser+qtz; some subparallel <1mm frac's at 25 deg TCA with minor py; overall <1% py		
BG11-126	508.90	510.00	C3910	1.10	<.03	1-2% py in weak frac'ing with chl at 0 to 20 deg TCA		

Hole_ID	From	To	Sample_#	Length	Au ppm	Description	Au ppm_ck	Au ppm-ck2
BG11-126	511.80	512.40	C3911	0.60	<.03	511.85 to 512m 90 deg TCA frac's with qtz+chl +qtz-dol; 1% py		
BG11-126	513.90	514.80	C3912	0.90	<.03	514.1m 90 deg TCA flt weak; 1% fg diss py		
BG11-126	514.80	515.50	C3914	0.70	<.03	514.8 to 514.9m 3-7% diss py;. Weak frac'ing with 1% py overall		
BG11-126	515.50	517.00	C3915	1.50	<.03	two to three hairline frac's with chl + tr py; some chl in clots with minor spec hem		
BG11-126	517.00	518.50	C3916	1.50	<.03	weak frac'ing generally at 0 to 20 deg TCA with ser+chl+qtz; tr py		
BG11-126	518.50	519.50	C3917	1.00	<.03	1-2% py and 1-2% spec hem in frac's with qtz+minor chl		
BG11-126	519.50	520.00	C3918	0.50	<.03	1% fg diss py in matrix; 15% late pale qtz-dol vn'ing at 90 deg TCA; flt at 519.95 to 520 at 10 deg TCA - start of shear-flt zone		
BG11-126	**520.00**	**520.60**	**C3919**	**0.60**	**<.03**	**South Zone? 519.95 to 530.9m strong shear faulting at 10 to 25 deg TCA with 20 to 40% qtz-dol alt'n, vn'ing with 3 to 10% grey py anhedral and disseminated looks remobilized and ser+ chl alt'n; 520 to 520.6m 3-5% fg grey py in slips at 0 deg TCA**		
BG11-126	**520.60**	**521.50**	**C3920**	**0.90**	**<.03**	**as described in 520 to 520.6m; 520.7 to 521m 8-10% fg grey py**		
BG11-126	**521.50**	**522.40**	**C3922**	**0.90**	**<.03**	**as described in 520 to 520.6m; 3-8% anhedral py in clusters along slips**		
BG11-126	**522.40**	**523.40**	**C3923**	**1.00**	**<.03**	**as described in 520 to 520.6m; 1-3% py**		
BG11-126	**523.40**	**524.40**	**C3924**	**1.00**	**<.03**	**as described in 520 to 520.6m; 40-50% qtz-dol vn'ing, 1-2% py**		
BG11-126	**524.40**	**525.30**	**C3925**	**0.90**	**0.069**	**as described in 520 to 520.6m; 40-50% qtz-dol vn'ing, 1-2% py**		
BG11-126	**525.30**	**526.00**	**C3926**	**0.70**	**<.03**	**as described in 520 to 520.6m; 75-80% qtz; Flt at 525.7 to 526m at 10 deg TCA with chl+ser+ cataclasite**		
BG11-126	**526.00**	**527.00**	**C3927**	**1.00**	**<.03**	**as described in 520 to 520.6m; 0 deg TCA slips; perv chl+ser alt'n; 1% py**		
BG11-126	**527.00**	**527.70**	**C3928**	**0.70**	**<.03**	**as described in 520 to 520.6m; 1-2% fg py**		
BG11-126	**527.70**	**528.70**	**C3929**	**1.00**	**<.03**	**as described in 520 to 520.6m; shear-slips at 0 to 5 deg TCA with chl and 1-5% fg py**		
BG11-126	**528.70**	**529.70**	**C3930**	**1.00**	**0.206**	**as described in 520 to 520.6m; atb 529.6m 0.5 to 2cm wide vn at 90 deg TCA with 45% py, other low angle TCA frac's with 3-10%py**		
BG11-126	**529.70**	**530.20**	**C3932**	**0.50**	***<.03***	**as described in 520 to 520.6m; 1-3% diss py in clusters along slips**		
BG11-126	**530.20**	**530.90**	**C3933**	**0.70**	**<.03**	**as described in 520 to 520.6m; 1% diss py in clusters along slips**		
BG11-126	530.90	532.00	C3934	1.10	<.03	<1% py in matrix		
BG11-126	532.00	533.50	C3935	1.50	<.03	<1% py in matrix		
BG11-126	543.00	543.70	C3936	0.70	<.03	1-2% py in non-penetrative frac's at 20-25 deg TCA		
BG11-126	543.70	544.50	C3937	0.80	<.03	1-2% py in non-penetrative frac's at 20-25 deg TCA		
BG11-126	544.50	545.00	C3938	0.50	0.069	3-7% py in shear slips with flt-slips at 544.52 and 544.95m at 25 deg TCA with chl+qtz-dol+py		
BG11-126	545.00	546.00	C3939	1.00	<.03	one 2mm wide py frac at 20 deg TCA		
BG11-126	546.00	546.60	C3940	0.60	1.474	546.1 to 546.2m 3cm wide qtz vn with 35% py and 1cm vn with 25%py at 60 deg TCA	1.371	1.577
BG11-126	546.60	547.50	C3941	0.90	<.03	1-5% py in 10 to 25 deg TCA frac's, penetrative to non-penetrative		
BG11-126	547.50	548.70	C3942	1.20	<.03	<1% py in matrix		
BG11-126	548.70	549.30	C3943	0.60	<.03	weak frac'ing with chl 2-5% py; 5% qtz-dol vn'ing		
BG11-126	549.30	550.10	C3944	0.80	<.03	0 deg TCA slip from 549.5 to 550m with chl+qtz-dol; 1% py		
BG11-126	554.00	554.60	C3945	0.60	<.03	554.2m 1cm qtz-dol-chl at 40 deg TCA, minor py along slip		
BG11-126	554.60	555.30	C3946	0.70	<.03	1% py		
BG11-126	555.30	556.60	C3947	1.30	<.03	<1%py; mod frac'ing at predom >50 deg TCA with chl		
BG11-126	556.60	558.00	C3948	1.40	<.03	556.7m flt at 15 deg TCA; 1-2% py in amygdules or as replacement of chl'd pheno's in matrix and in hairline discontinuous frac's		
BG11-126	558.00	559.50	C3949	1.50	<.03	558.3 to 558.65m flt at 5 to 10 deg TCA with chl+ser+qtz-dol, minor py; 1-2% py in amygdules or as replacement of chl'd pheno's in matrix and in hairline discontinuous frac's		
BG11-126	559.50	561.00	C3951	1.50	<.03	560.1m flt-slip at 45 deg TCA; 1% diss py		
BG11-126	561.00	562.50	C3952	1.50	<.03	1-2% py along hairline frac's with red oxy'd hem, chl+ser+qtz-dol; frac's at 55 to 75 deg TCA		
BG11-126	562.50	564.00	C3953	1.50	0.206	1-2% py along hairline frac's with red oxy'd hem, chl+ser+qtz-dol; frac's at 55 to 75 deg TCA; 5% qtz-dol discontinuous frac's		
BG11-126	564.00	565.50	C3954	1.50	<.03	1-2% py along hairline frac's with red oxy'd hem, chl+ser+qtz-dol; frac's at 55 to 75 deg TCA; 5% qtz-dol discontinuous frac's		
BG11-126	565.50	567.00	C3955	1.50	<.03	1-2% py along hairline frac's with red oxy'd hem, chl+ser+qtz-dol; frac's at 55 to 75 deg TCA; 5% qtz-dol discontinuous frac's		

Hole_ID	From	To	Sample_#	Length	Au ppm	Description	Au ppm_ck	Au ppm-ck2
BG11-126	***567.00***	***568.00***	***C3956***	***1.00***	***0.549***	***blocky poor recovery from 566.5 to 568m; Main Bidgood Break 567.4 to 571m strong frac'ing-shearing 0 to 20 deg TCA with strong ser+ qtz-dol+chl, 3-8% py along slips, 1-5% spec hem in qtz-dol vn'ing***		
BG11-126	***568.00***	***569.00***	***C3957***	***1.00***	***0.823***	***as described in 567 to 568m***		
BG11-126	***569.00***	***570.00***	***C3958***	***1.00***	***0.891***	***as described in 567 to 568m***		
BG11-126	***570.00***	***571.00***	***C3959***	***1.00***	***0.823***	***as described in 567 to 568m; flt gouge from 570.8 to 570.9m***		
BG11-126	571.00	572.00	C3960	1.00	0.069	1-2% py along hairline frac's with red oxy'd hem, chl+ser+qtz-dol; frac's at 55 to 75 deg TCA; 5% qtz-dol discontinuous frac's		
BG11-126	572.00	573.00	C3961	1.00	0.274	572.05m flt at 35 to 40 deg TCA with gouge; 50% qtz-dol + 1-2% py + ser+ red oxy'd hem altn		
BG11-126	573.00	574.00	C3963	1.00	<.03	1% py; red oxy'd hem alt'n		
BG11-126	574.00	575.50	C3964	1.50	0.274	574 to 574.1 qtz-dol vn with chl+ flt at 574.1 at 45 deg TCA; 1% fg py		
BG11-126	575.50	576.00	C3965	0.50	0.069	<1% py; 1-3% spec hem in vn'ing + chl; red oxy'd hem + ser alt'n		
BG11-126	576.00	577.50	C3966	1.50	0.343	<1% py; 1-3% spec hem in vn'ing + chl; red oxy'd hem + ser alt'n		
BG11-126	577.50	579.00	C3967	1.50	<.03	<1% py; 1-3% spec hem in vn'ing + chl; red oxy'd hem + ser alt'n; three sub-parallel frac's at 10-20 deg TCA <1mm wide + py		
BG11-126	579.00	580.50	C3968	1.50	<.03	25% qtz-dol vn'ing+alt'n at 0-10 deg TCA around chl slips		
BG11-126	584.50	586.00	C3969	1.50	<.03	<1% py		
BG11-126	***586.00***	***587.00***	***C3970***	***1.00***	***0.069***	***586.2 to 586.8m weak to moderate shear at 20 to 40 deg TCA with a 1.5cm wide py vn at 586.2m at 40 deg TCA, 5-10% py in shear slips at 20 deg TCA with chl+qtz-dol***		
BG11-126	587.00	588.00	C3971	1.00	<.03	1-2% py		
BG11-126	591.10	592.00	C3972	0.90	0.206	5% late sub-parallel qtz-dol+chl vn'ig at 45 to 55 deg TCA up to 1 cm wide		
BG11-126	599.60	600.50	C3973	0.90	<.03	599.9m slip with chl+py halo, 1-2% py overall, strong fabric at 80 deg TCA		
BG11-127	9.00	10.20	C3974	1.20	<.03	1-2% py in 75 to 85 deg TCA frac; 5-10% late carb vn'ing		
BG11-127	10.20	11.00	C3975	0.80	<.03	10.65 m flt at Syn-FP contact at 40 deg TCA chl+carb; 1-3% fg py in matrix		
BG11-127	11.00	12.00	C3976	1.00	0.137	1-3% py in hairline frac's with chl+qtz		
BG11-127	19.20	20.00	C3977	0.80	<.03	1-2% fg py in matrix; fabric fol'n at 60-70 deg TCA; mod ser in frac's		
BG11-127	20.00	20.60	C3978	0.60	<.03	20.2m 0.75cm wide bone white vn with 1mm wide fg py at 45 deg TCA, 1-3% py in other frac's at 20-25 deg TCA		
BG11-127	20.60	21.70	C3979	1.10	0.069	21.45m 1mm wide frac at 10 deg TCA with py; 3-5% py mostly in matrix but in some weak frac's		
BG11-127	***21.70***	***22.30***	***C3981***	***0.60***	***0.549***	***21.8 to 22m flt-shear zone at 35 and 60 deg TCA with bx+ 1.5cm wide qtz+ank vn at 35 deg TCA + 2.5cm wide 45% py band***		
BG11-127	22.30	23.00	C3983	0.70	<.03	15% qtz-dol in hairline frac's at predom 50 to 55 deg TCA; 1% py in matrix		
BG11-127	23.00	24.00	C3984	1.00	<.03	23 to 23.4m bx in a dk black qtz matrix at 55 deg TCA at FP-Argillite contact; frac with chl carb-qtz		
BG11-127	24.00	25.40	C3985	1.40	<.03	qtz-ank-dol vn's at 20 to 45 deg TCA with occasional 1-3% spec hem & <1% py		
BG11-127	25.40	25.90	C3986	0.50	<.03	25.6m 45 deg TCA qtz-dol-chl vn with ser+chl on slips		
BG11-127	27.60	28.30	C3987	0.70	<.03	27.7 to 27.95m flt-slip at 0-5 deg TCA		
BG11-127	32.00	33.00	C3988	1.00	<.03	32.1m 2cm wide qtz-dol adjacent to slips at 55 deg TCA and at 40 deg TCA at 32.4m		
BG11-127	33.00	33.50	C3989	0.50	<.03	three qtz vn's with 85% py at 0.2 to 1cm wide and at 15, 50 and 70 deg TCA		
BG11-127	33.50	34.50	C3990	1.00	<.03	1-3% diss py in matrix; mod hairline frac's with ser+chl		
BG11-127	34.50	35.20	C3991	0.70	<.03	as above; 35 to 35.15m shear at 45 deg TCA with ser+chl+qtz-carb vn'ing+5-7% py		
BG11-127	35.20	36.70	C3992	1.50	<.03	36.4 to 36.5m frac with qtz+ py irregular; 1-2% diss py in matrix and in minor frac's		
BG11-127	38.00	39.20	C3993	1.20	<.03	3 to 4 vn's with chl+carb up to 1cm wide at 45 to 60 deg TCA; <1% py		
BG11-127	40.50	41.60	C3994	1.10	<.03	two 1 to 2mm wide veins at 35 to 40 deg TCA with 90% py; 41 to 41.6m slip at 0 deg TCA with pink carb 2-3mm wide		
BG11-127	45.90	46.90	C3995	1.00	0.274	45.9 to 46.6m weak shear at 40 to 50 deg TCA with ser+chl+ brittle frac's 1-3mm wide with minor py overall 1-8%, mostly from 47.4 to 47.6m		
BG11-127	46.90	47.90	C3996	1.00	<.03	as described above		
BG11-127	54.60	55.60	C3997	1.00	<.03	0 to 20 deg TCA slips with chl+carb; 1-2% py in frac's; 0.5cm wide qtz-dol vn		
BG11-127	55.60	56.50	C3998	0.90	<.03	two to three py vn's 3mm wide at 25 deg TCA; 1-2% diss py in matrix		
BG11-127	56.50	57.60	C3999	1.10	<.03	one 2mm wide py vn at 56.6 at 35 to 40 deg TCA; 1% py in matrix		
BG11-127	***57.60***	***58.60***	***C4000***	***1.00***	***0.823***	***57.6 to 58.8m weak shear at 25 to 35 deg TCA with chl ser+carb+pale red oxy'd hem alt'n, 2-8% py in slips***		

Hole_ID	From	To	Sample_#	Length	Au ppm	Description	Au ppm_ck	Au ppm-ck2
BG11-127	*58.60*	*59.10*	*C1202*	*0.50*	*<.03*	*as described in 57.6 to 58.6*		
BG11-127	59.10	60.00	C1203	0.90	0.274	1-5% diss py in matrix in clusters, replacement py		
BG11-127	60.00	61.50	C1204	1.50	0.137	3-5% py in clusters in matrix		
BG11-127	61.50	62.50	C1205	1.00	<.03	as above; FP has <1% py		
BG11-127	74.00	75.20	C1206	1.20	<.03	1% fg py in matrix; chl in clots		
BG11-127	***75.20***	***76.00***	***C1208***	***0.80***	***0.754***	***75.25 to 75.52m Flt-Frac Zone at 45 to 60 deg TCA with 4 cm wide 35% py banding + 70% qtz-dol vn'ing 7cm wide + chl frac's + minor ser; 75.6 to 76m slip at 10 deg TCA; other qtz-dol vn'lets at 35 deg TCA with minor py + minor spec hem***		
BG11-127	76.00	77.00	C1209	1.00	<.03	<5% qtz-dol vn'ing at 25 deg TCA; <1% py in matrix		
BG11-127	77.00	78.50	C1210	1.50	<.03	unaltered; <1% py		
BG11-127	78.50	79.80	C1211	1.30	<.03	<1% py; 5-10% carb+qtz-dol vn'ing		
BG11-127	79.80	81.00	C1212	1.20	0.480	3-5% py in matrixmutli- chl hairline frac's at 15 to 30 deg TCA; 5-10% carb vn'lets; mostly Tuff		
BG11-127	81.00	82.20	C1213	1.20	<.03	3-5% diss py in matrix; mostly FP; FP-Tuff contact at 81.95m		
BG11-127	82.20	83.70	C1214	1.50	<.03	2-5% diss py in matrix as replacement in pin-head sized amygdules		
BG11-127	83.70	85.20	C1215	1.50	<.03	as above		
BG11-127	85.20	86.70	C1216	1.50	<.03	as above; 86.4 to 86.5 45-50 deg TCA hairline ser + fg py banding		
BG11-127	86.70	87.70	C1217	1.00	<.03	three to four 1mm frac's with py at 15 deg TCA; 3-5% py in matrix		
BG11-127	87.70	88.70	C1218	1.00	<.03	87.75m 70 deg TCA qtz-dol vn 0.20 cm wide with py; 2-5% py in weak frac's and in matrix		
BG11-127	88.70	90.00	C1219	1.30	<.03	88.9m slip at 15 deg TCA with chl+qtz-dol; 1-3% diss py in matrix		
BG11-127	90.00	91.30	C1220	1.30	<.03	1-3% fg py in matrix		
BG11-127	91.30	92.30	C1221	1.00	<.03	perv sil-dol alt'n with <1-2% fg py in matrix		
BG11-127	92.30	93.10	C1222	0.80	0.343	1-3% fg py in matrix; three 2-5mm wide 20 to 30 deg TCA qtz-dol vn'lets with py		
BG11-127	93.10	94.00	C1223	0.90	<.03	<1% to 2 % py in matrix and in minor frac's		
BG11-127	94.00	95.50	C1224	1.50	<.03	1% fg py+ ser along Tuff bands		
BG11-127	95.50	97.00	C1225	1.50	<.03	1-2% diss py in matrix; 96.3 to 96.4m qtz-dol vn'ing in healed Flt at 25 deg TCA		
BG11-127	97.00	98.00	C1226	1.00	<.03	97.2m 15 deg TCA slip with chl+qtz-dol+py; minor 1mm frac's with py 15 to 60 deg TCA		
BG11-127	98.00	98.70	C1227	0.70	<.03	98.4m 1cm 95% py vn at 65 deg TCA with 0.5cm adjcent qtz-dol vn; 1% fg py in matrix		
BG11-127	98.70	99.60	C1228	0.90	<.03	1-2% diss py in matrix; some ser alt'n in banding		
BG11-127	99.60	100.60	C1229	1.00	<.03	2-7% diss py in matrix and in frac's		
BG11-127	100.60	101.60	C1231	1.00	<.03	100.8 to 101m slip-flt with 0.25cm wide qtz-dol+chl + minor py at 10 deg TCA; 1-3% diss py in matrix		
BG11-127	101.60	102.60	C1232	1.00	<.03	101.7m Tuff-FP contact; <1% py		
BG11-127	124.20	125.70	C1233	1.50	<.03	multiple qtz-dol vn'ing up to 3cm wide at 55 to 70 deg TCA with 3-7% spec hem		
BG11-127	125.70	127.20	C1234	1.50	<.03	126.1 to 126.4 mod shear at 0-10 deg TCA with ser+qtz-dol vn'ing; other qtz-dol vn'ing with 3-5% spec hem		
BG11-127	140.50	141.30	C1235	0.80	<.03	slip-flt at 65 deg TCA at 141.5 with qtz-dol vn'ing weak		
BG11-127	142.30	143.70	C1236	1.40	<.03	142.3 to 144.9 brittle frac zone with 1-3mm wide qtz-dol-minor carb fill in frac's with chl, minor spec hem; 143.3 to 143.7m hydrothermal bx with carb-qtz		
BG11-127	143.70	144.70	C1237	1.00	<.03	as above		
BG11-127	144.70	145.30	C1238	0.60	<.03	as above		
BG11-127	156.80	157.60	C1239	0.80	<.03	157 to 157.55m 0-5 deg TCA slip with 4cm wide adjacent pink carb vn		
BG11-127	159.50	160.00	C1240	0.50	<.03	non penetraive frac's with ser+ 1% py		
BG11-127	160.00	162.10	C1242	2.10	<.03	red oxy'd hem matrix with ser and 1-2% py in wispy hairline frac's		
BG11-127	166.35	166.90	C1243	0.55	2.503	166.5m flt at 10 and 30 deg TCA with adjacent pink carb vn'ing and wispy frac's at 10 deg TCA with 1-2% py	3.291	1.714
BG11-127	**166.90**	**167.40**	**C1244**	**0.50**	**0.891**	**167m flt at 15 deg TCA with adjacent sil section from 167 to 167.3m with white qtz + 1-3% py in frac's**		
BG11-127	**167.40**	**168.00**	**C1245**	**0.60**	**0.686**	**1% py in wormy style hairline frac's with weak ser**		
BG11-127	169.25	170.00	C1246	0.75	<.03	weak frac'ing from 169.25 to 169.35m with chl+py at 25 deg TCA		
BG11-127	177.00	178.50	C1247	1.50	<.03	1-2% py in matrix; 177.3 1cm wide chl+carb slips at 70 deg TCA		
BG11-127	178.50	179.50	C1248	1.00	<.03	1-5% py in mod frac'ing at 45 deg TCA with chl + qtz-dol; 179.15 to 179.2 slip at 0-5 deg TCA		

Hole_ID	From	To	Sample_#	Length	Au ppm	Description	Au ppm_ck	Au ppm-ck2
BG11-127	**179.50**	**180.50**	**C1249**	**1.00**	1.714	**179.5 to 196.1m New Zone? moderate to strong Fracture-Flt Zone mod red oxy'd hem sections with strong perv sil'n+ 192.5 to 192.8 qtz-dol hydrothermal bx, 1-10% py in frac's + discontinuous frac's+ as replacement in matrix, occassional flt-slips with graphite and mo at predominantly 10 to 40 deg TCA sometimes Flt Breccia**	1.851	1.577
BG11-127	180.50	181.50	C1250	1.00	0.343	***as described in 179.5 to 180.5m; 1-3% py in frac's at 25 and 30-40 deg TCA***		
BG11-127	**181.50**	**183.00**	**C1251**	**1.50**	**0.926**	**as described in 179.5 to 180.5m; 1% py in wk frac'ing**	1.234	0.617
BG11-127	183.00	184.50	C1252	1.50	<.03	as described in 179.5 to 180.5m; <1% py in wk frac'ing; 183.3 to 183.55m Mafic Dyke		
BG11-127	184.50	185.70	C1253	1.20	<.03	as described in 179.5 to 180.5m; 1% py in wk frac'ing		
BG11-127	185.70	186.50	C1254	0.80	2.880	as described in 179.5 to 180.5m; 1-3% py in brittle frac's at 15 to 45 deg TCA	3.017	2.743
BG11-127	**186.50**	**187.50**	**C1255**	**1.00**	**10.217**	**as described in 179.5 to 180.5m; Flts-slip at 186.1m at 35-45 deg TCA with gf+qtz; 187.3 to 187.5m 7cm wide with qtz+gf at 25 to 30 deg TCA**	8.297	12.137
BG11-127	**187.50**	**188.50**	**C1256**	**1.00**	1.337	**as described in 179.5 to 180.5m; 3-5% py in frac's at 187.8m 0.25 cm py vn at 45-50 deg TCA**	1.234	1.440
BG11-127	188.50	189.50	C1258	1.00	0.137	as described in 179.5 to 180.5m; tr py in brittle frac's		
BG11-127	189.50	190.50	C1259	1.00	<.03	as described in 179.5 to 180.5m; 3-7% py in discontinuous frac's and in matrix		
BG11-127	**190.50**	**191.50**	**C1260**	**1.00**	**0.617**	**as described in 179.5 to 180.5m; 3-7% py in discontinuous frac's and in matrix**		
BG11-127	**191.50**	**192.50**	**C1261**	**1.00**	1.886	**as described in 179.5 to 180.5m; 191.6 to 191.7m flt bx + black qtz at 40 deg TCA; 25-30% qtz-dol network vn'ing + 5-12% py**	1.714	2.057
BG11-127	**192.50**	**193.50**	**C1262**	**1.00**	**6.926**	**as described in 179.5 to 180.5m; 192.5 to 192.8m 70% qtz-dol hydrothermal bx with 5% py; 192.8 to 193.5m 3-7% py in 0 deg TCA frac's**	6.309	7.543
BG11-127	193.50	194.50	C1263	1.00	1.406	as described in 179.5 to 180.5m; 1-2% py in hairline frac's at 0 deg TCA	1.440	1.371
BG11-127	**194.50**	**195.30**	**C1264**	**0.80**	**0.617**	**as described in 179.5 to 180.5m; 1-3% py in hairline frac's at 5 to 35 deg TCA**		
BG11-127	195.30	196.00	C1265	0.70	<.03	as described in 179.5 to 180.5m; tr py in brittle frac's		
BG11-127	196.00	197.30	C1266	1.30	0.274	196.1 to 196.4m flt-slip at 10 deg TCA + chl + 1% py		
BG11-127	197.30	198.60	C1267	1.30	<.03	3-7% py in hairline frac's		
BG11-127	**198.60**	**199.20**	**C1268**	**0.60**	**5.143**	**198.8 to 199.1m mo on 5 deg TCA slip with adjacent 0.25 to 2cm wide 35% py vn**	5.280	5.006
BG11-127	199.20	199.80	C1269	0.60	<.03	1-2% py in brittle frac's 1mm wide at 25 to 45 deg TCA		
BG11-127	199.80	200.80	C1270	1.00	1.303	3-5% py in 10-25 deg TCA frac's with chl	1.440	1.166
BG11-127	200.80	201.50	C1271	0.70	2.023	tr py in weak frac's	1.509	2.537
BG11-127	201.50	202.50	C1272	1.00	0.206	as above		
BG11-127	202.50	204.00	C1273	1.50	<.03	tr py		
BG11-127	205.00	205.90	C1274	0.90	<.03	1-2% py in matrix in FP		
BG11-127	205.90	206.50	C1276	0.60	<.03	206m 95% py vn 1cm wide at 80 deg TCA branching to 3-4mm wide; FP-Diorite contact at 206.3m with 3-5% py in diorite		
BG11-127	206.50	207.20	C1277	0.70	<.03	two carb vn's with 5-8% py at 0.5cm wide at 10, 20 and 55 deg TCA		
BG11-127	**207.20**	**208.00**	**C1278**	**0.80**	<.03	**1.5cm wide 95% py vn at 35 deg TCA with weaker frac's with 1-2% py**		
BG11-127	208.00	209.50	C1280	1.50	<.03	208.6m slip at 10 deg TCA with epi halo + carb; tr py		
BG11-127	209.50	210.10	C1281	0.60	<.03	tr py		
BG11-127	210.10	211.00	C1282	0.90	<.03	1 to 3mm wide py vn's in carb at 210.1m and 210.8m at 35 and 45 deg TCA		
BG11-127	214.00	214.60	C1283	0.60	<.03	214.25 to 214.43m slip with carb+ 1mm wide py vn+1.5cm wide epi halo at 10 deg TCA		
BG11-127	219.70	220.70	C1284	1.00	0.274	3-7% diss py in weak sil alt'n, minor py in frac's		
BG11-127	**220.70**	**222.00**	**C1285**	**1.30**	**0.823**	**as above**		
BG11-127	222.00	222.50	C1286	0.50	0.206	as above up to 222.4m		
BG11-127	222.50	223.20	C1287	0.70	<.03	1% fg py in matrix in Tuff		
BG11-127	223.20	224.50	C1288	1.30	0.206	3-7% py in matrix + in frac's in FP dyke		
BG11-127	224.50	225.30	C1289	0.80	<.03	two 3mm wide py vn's at 15 to 20 deg TCA, other dis continuous frac's with py; overall 3-5% py		
BG11-127	225.30	226.20	C1290	0.90	<.03	five carb vn's up to 1cm wide with variable py up to 55% at 30 to 55 deg TCA; Tuff-FP contact at 226.1		
BG11-127	226.20	227.70	C1291	1.50	<.03	tr py in FP matrix		
BG11-127	230.40	231.50	C1292	1.10	<.03	weak brittle frac'ing at 45 to 65 deg TCA with chl+ser+1% py		
BG11-127	231.50	233.00	C1293	1.50	<.03	weaker brittle frac'ing than above <1% py; <5% qtz-dol		
BG11-127	233.00	233.60	C1294	0.60	<.03	233.25m flt bx at 55 deg TCA in black qtz, 1cm wide		
BG11-127	243.50	244.60	C1295	1.10	<.03	244.5-244.6m slips with qtz-dol at 20 deg TCA; 244.1m 5cm wide qtz-dol at 70 deg TCA; 244.5m at 85 deg TCA slip with qtz 0.1cm		

Hole_ID	From	To	Sample_#	Length	Au ppm	Description	Au ppm_ck	Au ppm-ck2
BG11-127	251.70	252.70	C1296	1.00	<.03	3 grey -dk black qtz vn's due to spec hem up to 1cm wide at 20 to 40 deg TCA sometimes with py; overall py 1-3%		
BG11-127	270.30	271.20	C1297	0.90	<.03	1-3% py in 1m wide frac's with chl+qtz at 55-65 deg TCA with spec hem		
BG11-127	273.90	274.50	C1298	0.60	<.03	<1% fg py in matrix		
BG11-127	274.50	275.40	C1299	0.90	<.03	1% py in infrequent frac's with chl +qtz; 274.6 iorite-FP contact; 274.8 to 274.9m Flt at 25 deg TCA with 6cm wide qtz-dol vn+black qtz		
BG11-127	275.40	276.40	C1300	1.00	0.069	275.5 to 276.03m 0 deg TCA slip with 0.1 to 1.25cm wide qtz+chl+ser+10-25% py		
BG11-127	276.40	277.65	C1302	1.25	<.03	2% cse diss py; 1*2 cm qtz-ank-chl vn @25 w 30% cse py		
BG11-127	279.10	280.50	C1303	1.40	<.03	sil-dol alt'd w 2% spec hem; 1*2 cm dol-ser slip @40 w 15% cse py		
BG11-127	280.50	282.00	C1304	1.50	<.03	sil-dol alt'd w 1*0.3 cm gy qtz vns parallel to CA w 3% md to cse py; 2*0.1-0.2 cm dol vns @40 w 1% cse py		
BG11-127	282.00	283.45	C1305	1.45	<.03	sil-dol alt'd w 1*4 cm blk qtz-dol-chl vn @20 w 15% cse py; 1*0.3 cm qtz-dol vn @30 w 2% chalco		
BG11-127	283.45	284.90	C1306	1.45	0.343	5% md to cse diss py ass w 2% leux + zones w chl alt;		
BG11-127	**284.90**	**286.30**	**C1307**	**1.40**	**0.617**	**2% cse diss py, 2% leux; 2*1 cm chl fracs @30-40 w 20% mg py**		
BG11-127	286.30	287.55	C1308	1.25	<.03	1*5 cm chl-ser shear @35 w 15% cse diss py; 2*2 cm bull dol-qtz-chl slips @60, 80		
BG11-127	287.55	288.45	C1309	0.90	<.03	unaltered diorite w bull dol vns @20-80		
BG11-127	288.45	289.20	C1310	0.75	<.03	*1*15 cm chl-dol-qtz zone @ 30 w bands w 90% cse py + 2% ass leux*		
BG11-127	289.20	290.10	C1311	0.90	<.03	unaltered diorite w bull dol vns @20-80		
BG11-127	290.10	291.00	C1312	0.90	0.137	2% fg diss py; 1*0.4 cm chl-qtz-dol-ser vn @45; 1*0.3 cm chl-dol vn w blob cse diss py		
BG11-127	306.00	307.30	C1313	1.30	0.069	hly chl'd w 2% cse diss py; 1*3 cm wt to pk qtz-dol vn @25 w ass chl breccia		
BG11-127	307.30	308.45	C1314	1.15	0.274	1*3 cm qtz-dol vn @65 w chl alt, 3% spec hem, tr cse py		
BG11-127	308.45	309.35	C1315	0.90	<.03	late bull 0.1-0.4 cm qtz-dol vns		
BG11-127	309.35	310.00	C1316	0.65	<.03	*20 cm chl-ser shear zone + qtz-dol-moly vn w 2% spec hem, 2% cse diss py, tr chalco*		
BG11-127	310.00	311.00	C1318	1.00	<.03	tr md to cse diss py + late bull 0.1-0.4 cm qtz-dol vns		
BG11-127	321.20	322.05	C1319	0.85	<.03	2% leux, 3*0.1-0.2 cm chl'd fracs w 70% v cse py		
BG11-127	325.80	327.00	C1320	1.20	<.03	chl-ser-moly shear @35 w tr fg diss py		
BG11-127	**327.00**	**327.70**	**C1321**	**0.70**	**0.960**	**sil-dol alt'n + 4% leux; 2*2 cm black moly vns within qtz-dol @35 w 80% cse py**		
BG11-127	327.70	328.90	C1322	1.20	<.03	mn 0.1 cm fracs w 20% mg diss py; 1*0.4 bull pk dol vn @20		
BG11-127	331.75	333.00	C1323	1.25	<.03	8 cm pink sil-dol alt zone + 1*2cm blk qtz vn w 1% cse py		
BG11-127	333.35	334.50	C1324	1.15	<.03	1% fg diss py; 1*1 cm qtz-dol vn@ 25 w chl alt + 45% cse py		
BG11-127	336.53	337.35	C1325	0.82	<.03	1% cse diss py; 1*1 cm qtz-dol vn @50 w cse diss py + chalco		
BG11-127	**337.35**	**338.15**	**C1326**	**0.80**	**0.686**	**1*20 cm epd alt'd zone w 1*4 cm sil'd zone w dol-chl vn @55 w 1% diss py; 1*1cm sil'd zone w qtz-chl + 50% fn to cse py (2 colours - lg yellow, brown-yellow)**		
BG11-127	338.15	339.00	C1327	0.85	<.03	2% cse diss py, chalco, native cu? (gn/red ox) + pr moly		
BG11-127	352.07	352.90	C1328	0.83	0.137	1*1 cm qtz-dol vn filled w 80% cse py @25; 1*3 cm bull ser-chl-dol shear @50		
BG11-127	352.90	354.00	C2841	1.10	<.03			
BG11-127	354.00	354.70	C1329	0.70	0.069	hly chl'd + ser'd 1.5 cm qtz-dol vn @80 w 2% mg to cse py; 2% cse diss py loc conc		
BG11-127	354.70	356.00	C2842	1.30	<.03			
BG11-127	356.00	357.45	C2843	1.45	<.03			
BG11-127	357.45	359.00	C2844	1.55	<.03			
BG11-127	359.00	360.00	C1330	1.00	<.03	2% md to cse diss py		
BG11-127	360.00	360.70	C1331	0.70	<.03	*3*4-6 cm wt grey qtz vns w black/blue moly? @25 w 20% cse py ass w moly + chl; core hem'd + chl'd w 3% leux*		
BG11-127	360.70	361.90	C2845	1.20	<.03			
BG11-127	361.90	363.25	C2846	1.35	<.03			
BG11-127	363.25	364.60	C1332	1.35	<.03	2-3% cse diss py + along fracs; 1/2 m of grey bleaching due to silicification		
BG11-127	**364.60**	**365.60**	**C1333**	**1.00**	**0.686**	**START OF MAIN "SOUTH ZONE" is a 10 cm ser-chl slip @40 w ass 3% md to cse py ass w qtz + hem staining; generally zone has 15-20% leux + 2-10% diss md to cse py + zones w >80% py**		
BG11-127	365.60	366.50	C1334	0.90	1.097	As described in 364.6-365.6 m; 2-3% md to cse py ass w fracs @20 + diss	1.097	1.097
BG11-127	**366.50**	**367.40**	**C1335**	**0.90**	**0.891**	***As described in 364.6-365.6 m; 1*1 cm qtz-ank vn@25 w 85% cse py***		
BG11-127	367.40	368.40	C1336	1.00	0.274	**As described in 364.6-365.6 m; 2*1-4 cm qtz-ank vns @45 w 95% cse py; fracs w >10% py**		
BG11-127	368.40	369.40	C1337	1.00	1.955	**As described in 364.6-365.6 m; zones w >80% cse py, bull 1 cm pk dol vn @0 CA**	2.126	1.783

Hole_ID	From	To	Sample_#	Length	Au ppm	Description	Au ppm_ck	Au ppm-ck2
BG11-127	369.40	370.50	C1338	1.10	1.337	*As described in 364.6-365.6 m; 4% md to cse diss py + 1*1cm @30 w 70% py*	1.371	1.303
BG11-127	**370.50**	**371.60**	**C1339**	**1.10**	**0.549**	**As described in 364.6-365.6 m; py in 0.1 cm fracs + 1*2 cm qtz-ank vn@30 w 90% v cse py**		
BG11-127	371.60	372.30	C1340	0.70	1.886	**As described in 364.6-365.6 m; >80% cse py @0 ass w qtz-dol-chl**	1.989	1.783
BG11-127	**372.30**	**373.50**	**C1342**	**1.20**	**0.617**	**As described in 364.6-365.6 m; wk zone w 2% py in 0.1 cm fracs**		
BG11-127	373.50	374.50	C1343	1.00	0.343	As described in 364.6-365.6 m; wk zone w 2% py in 0.1 cm fracs + 1*1.5 cm qtz-ank vn @30 w 5% mg py		
BG11-127	374.50	375.20	C1344	0.70	<.03	As described in 364.6-365.6 m; zone which has been perv sil'd and has tan to gn >3 cm chert nodules? 5% ass fn to v cse diss py		
BG11-127	**375.20**	**376.00**	**C1345**	**0.80**	**0.686**	**As described in 364.6-365.6 m; 20 cm of grey sil'd core w 2% cse diss py + 0.2 cm sil'd dol vns @25 w 40% py; rest chl'd w 0.1 cm py filled fracs @various CA**		
BG11-127	376.00	377.20	C1346	1.20	<.03	As described in 364.6-365.6 m; <0.1 cm py filled fracs + 1*2 cm dol vn @25 w 5% mg py		
BG11-127	**377.20**	**378.00**	**C1347**	**0.80**	**0.823**	**As described in 364.6-365.6 m; 15 cm zone w qtz-dol vns + 90% md to cse py @25 + 3% fn to mg diss py**		
BG11-127	378.00	378.95	C1349	0.95	<.03	2% fg diss py w ass 4% leux; 2*1.5 cm bull ank-qtz vns @ 25		
BG11-127	378.95	380.00	C2847	1.05	<.03			
BG11-127	380.00	381.50	C2848	1.50	<.03			
BG11-127	381.50	382.90	C2849	1.40	<.03			
BG11-127	382.90	384.30	C2850	1.40	<.03			
BG11-127	384.30	385.70	C2851	1.40	<.03			
BG11-127	385.70	387.10	C2852	1.40	<.03			
BG11-127	387.10	388.30	C2853	1.20	<.03			
BG11-127	388.30	389.80	C2854	1.50	<.03			
BG11-127	389.80	391.10	C2855	1.30	<.03			
BG11-127	391.10	392.40	C2856	1.30	<.03			
BG11-127	392.40	393.70	C2857	1.30	<.03			
BG11-127	393.70	395.10	C2858	1.40	<.03			
BG11-127	395.10	396.00	C2859	0.90	<.03			
BG11-127	396.00	397.20	C2860	1.20	<.03			
BG11-127	397.20	398.40	C2861	1.20	<.03			
BG11-127	398.40	399.35	C1350	0.95	<.03	2% leux, 1*3 cm bull dol vn @75;		
BG11-127	399.35	400.05	C2801	0.70	<.03	**1*20 cm sil'd zone w >50% cse dis py along fracs + ass w zones of hly sil'd chert**		
BG11-127	400.05	400.70	C2802	0.65	<.03	chl'd zone w 3*3 cm bull dol vns @30 w tr ass fg diss py		
BG11-127	**405.30**	**406.55**	**C2803**	**1.25**	**0.960**	**mdly hem core w sil'd + chl'd zones; 2-3% fg diss py + 3% cse py ass w chl zones @25**		
BG11-127	407.80	408.75	C2804	0.95	<.03	1*1.5 epd-dol-chl vn@25 + 1*3 cm chl-epd-dol shear @65 both w 3% cse diss py		
BG11-127	413.15	414.15	C2805	1.00	<.03	0.3-2 cm epd vns @20 w 60% cse py; 1*5 cm bull dol-chl-qtz vn @30		
BG11-127	415.00	416.00	C2806	1.00	<.03	2-3% mg py conc along epd vns gen @15-30 w >5% py in vns ass w 1*4 cm sil'd zone		
BG11-127	417.00	417.80	C2807	0.80	<.03	1*1 cm ank-epd-chl vn @20 w tr py + 1*1 cm epd-chl-mag vn @20 w 3% mg py		
BG11-127	440.50	441.60	C2808	1.10	<.03	1*5 cm chl-epd-dol-qtz shear zone w tr py; 1*3 cm chl-dol-qtz vn @40 w tr py		
BG11-127	**441.60**	**442.40**	**C2809**	**0.80**	**0.994**	**1% fn to mg diss py ass w epd + 1*1.5 cm vn/frac? W 70% cse py**	1.097	0.891
BG11-127	442.40	443.50	C2810	1.10	<.03	1% fg diss py + 2*0.5 cm epd-chl vns @15 w 30% cse py		
BG11-127	464.80	465.70	C2811	0.90	<.03	tr cse diss py; 1*2 cm bull dol-qtz vn @30		
BG11-127	465.70	466.65	C2812	0.95	<.03	4% leux, 2% cse diss py; 1*15 cm hem'd zone w spec hem + cse diss py		
BG11-127	466.65	467.70	C2813	1.05	<.03	frsh w tr fg diss py		
BG11-127	467.70	469.10	C2814	1.40	<.03	2% 0.1-0.2 cm dol vns @ va high angles + 1*2 cm dol vn @20; cse py ass w vns and fracs		
BG11-127	469.10	470.55	C2815	1.45	**<.03**	py ass w <0.1 cm fracs; 1*4 cm bull dol vn@80		
BG11-127	470.55	471.60	C2816	1.05	0.069	4*1 cm qtz-dol vns @70 w 80% cse py + 3% py ass w dol vns		
BG11-127	471.60	472.70	C2817	1.10	<.03	tr py ass w fracs; 1*4 cm bull brecciated dol vn 40		
BG11-127	472.70	473.80	C2818	1.10	<.03	**Bidgood Main Break** from 473-478.4 w strong ser-chl + qtz-dol alt'n + brecciated w dol clasts; hly chl'd w 2% cse diss py locally conc		
BG11-127	473.80	474.80	C2820	1.00	0.069	As described in 472.7-473.8 m; 8 cm flt gouge w ass brecciated qtz vn @30 w 4% mg diss py		
BG11-127	474.80	475.95	C2821	1.15	<.03	As described in 472.7-473.8 m; pk perv dol alt + strong chl-ser shear w tr fg diss py		
BG11-127	475.95	477.00	C2822	1.05	<.03	As described in 472.7-473.8 m; hly sheared w perv ser alt + 1*0.2 cm py filled frac		

Hole_ID	From	To	Sample_#	Length	Au ppm	Description	Au ppm_ck	Au ppm-ck2
BG11-127	477.00	478.00	C2823	1.00	<.03	As described in 472.7-473.8 m; bleached w v cse py blobs + brecciated w dol clasts;		
BG11-127	478.00	479.40	C2824	1.40	<.03	bleached w 3% cse diss py + chalco?		
BG11-127	479.40	480.70	C2825	1.30	<.03	tr fg diss py + py ass w 0.1-0.2 cm fracs + chl'd vns		
BG11-127	480.70	482.10	C2862	1.40	<.03			
BG11-127	482.10	483.00	C2863	0.90	<.03			
BG11-127	483.00	483.80	C2826	0.80	<.03	2% cse diss py; 1*0.8 cm qtz vn @ 45 w 1% mg diss py ass w a 6 cm chl-ser shear zone w 3% mg py in fracs		
BG11-127	483.80	485.00	C2827	1.20	<.03	**Shear zone related to Bidgood Main Break** w qtz-dol-chl alt + 1-5% py; 3% mg diss py + py filled fracs + dol vn py;		
BG11-127	485.00	486.00	C2828	1.00	<.03	As described in 483.8-485 m; sheared and alt'd w 2% diss py		
BG11-127	486.00	486.90	C2829	0.90	<.03	As described in 483.8-485 m; perv 30 m zone of qtz-dol vns w bth blk + wt qtz surrounded by 5% mg diss py		
BG11-127	486.90	487.80	C2830	0.90	<.03	As described in 483.8-485 m; tr py in <0.1 cm fracs		
BG11-127	487.80	488.80	C2831	1.00	<.03	As described in 483.8-485 m; <1% fg diss py + 1*10 cm qtz-ank vn @75 w tr fg py		
BG11-127	488.80	489.95	C2832	1.15	<.03	As described in 483.8-485 m; 2% py ass w qtz-carb vns @30		
BG11-127	489.95	490.60	C2833	0.65	0.069	As described in 483.8-485 m; 2*3 cm pk qtz-carb vns@25 w 2% mg py in blobs; 2% py also ass w fracs + diss		
BG11-127	490.60	491.25	C2834	0.65	1.338	**As described in 483.8-485 m; 5*0.1-0.2 cm fracs + vns @60 w 80% cse py; 1*15 cm zone w >30% cse py sheared w vns**	1.166	1.509
BG11-127	491.25	492.35	C2836	1.10	<.03	As described in 483.8-485 m; sheared w qtz-dol vns @ 1% fg diss py; 0.1 cm green fuchsite clasts		
BG11-127	492.35	493.50	C2837	1.15	<.03	end of alteration zone but still sheared w 0.1 cm py filled fracs + 1*10 cm zone w 20% cse diss py		
BG11-127	493.50	495.00	C2838	1.50	<.03	<1% py ass w discontinuous 0.1 cm qtz-carb vns		
BG11-127	495.00	496.45	C2839	1.45	<.03	tr py in fracs		
BG11-127	496.45	497.90	C2840	1.45	<.03	fresh w 5% md to cse diss py + py filled fracs		
BG11-127	497.90	498.80	C2864	0.90	<.03	1% mg diss py + py ass w 0.1 cm chl'd fracs; 1*1 cm qtz-dol vn @75 w 80% md to cse py		
BG11-127	498.80	500.25	C2865	1.45	<.03	2% cse diss py + py ass w 0.1 cm fracs; py also ass w epd		
BG11-127	500.25	501.40	C2866	1.15	<.03	fsh diorite w 2-3% late bull dol vns @45-65 + epd alt		
BG11-127	501.40	502.60	C2867	1.20	<.03	fsh diorite w 2-3% late bull dol vns @45-65 + epd alt; 1% cse diss py ass w chl'd zones		
BG11-127	502.60	503.60	C2868	1.00	<.03	**1*20 cm qtz-carb-chl vn @45 w a 3 cm zone of >90% cse py + 3% md to cse diss py**		
BG11-127	503.60	504.90	C2870	1.30	<.03	2% md to cse diss py ass w epd alt + in 0.1 cm fracs		
BG11-127	504.90	506.30	C2871	1.40	<.03	hly alt'd w blotchy epd		
BG11-127	506.30	507.80	C2872	1.50	<.03	hly alt'd w blotchy epd		
BG11-127	507.80	509.30	C2873	1.50	<.03	hly alt'd w blotchy epd; <1% fn to mg diss py in chl'd zones		
BG11-127	509.30	510.00	C2874	0.70	<.03	hly alt'd w blotchy epd; <1% fn to mg diss py + 1*1 cm dol vn @75 w 3% mg py		
BG11-128	8.40	9.40	C2875	1.00	<.03	chl'd fracs w tr fg diss py		
BG11-128	9.40	10.50	C2876	1.10	<.03	*chl'd fracs w 2% fg diss py; 5*1 cm chl vns @30-45 w 10% md to cse py*		
BG11-128	10.50	11.90	C2878	1.40	<.03	1% fg diss py + py filled fracs; 1*3 cm ser-chl shear zone w 2% mg diss py		
BG11-128	11.90	13.20	C2879	1.30	0.206	2% fn to mg diss py + py filled fracs @25 w 5% ass diss py; 1*1 cm chl-ser vn @ 30 w 50% v cse diss py		
BG11-128	13.20	14.50	C2880	1.30	<.03	hem to chl alt w 2% mg diss py ass w chl vns + fracs		
BG11-128	16.40	17.80	C2881	1.40	0.069	2% fg diss py; 2*<0.5 cm chl vns w >40% cse py		
BG11-128	17.80	19.10	C2882	1.30	<.03	2% fg diss py + 0.1 cm chl'd py filled fracs		
BG11-128	19.10	20.40	C2883	1.30	<.03	1% fg diss py; lg gn intr w cse glassy 0.5 cm qtz phenos +1* 0.1 cm frac w 90% cse py		
BG11-128	21.85	22.85	C2884	1.00	<.03	1*0.5 cm dol-chl vn @25 w 50% cse py		
BG11-128	22.85	24.00	C2885	1.15	<.03	2% mg diss py + 0.1 cm py filled fracs; 1*0.3 cm chl'd frac w 80% cse py		
BG11-128	24.00	25.10	C2886	1.10	0.480	*2 cm dol-chl-ser flt shear @35 w 60% mg py; 2-3% py filled fracs throughout*		
BG11-128	25.10	26.10	C2887	1.00	<.03	1% 0.1-0.2 cm carb vns + 2*0.5-2 cm blk qtz-dol vns@25-30 w <1% ass cse diss py		
BG11-128	27.20	28.60	C2888	1.40	<.03	<1% fg diss py; 2*0.5 cm bull qtz-ank vns @ 30 w spec hem		
BG11-128	30.90	32.20	C2889	1.30	<.03	hly chl'd w 3-5% late dol vns + ser'd fracs; tr py ass w fracs		
BG11-128	33.00	34.00	C2890	1.00	<.03	hly chl'd w 3-5% late dol vns + ser'd fracs; 2% md to cse diss py + py filled fracs		
BG11-128	34.00	35.10	C2891	1.10	*0.137*	*1*20 cm chl'd + ser'd qtz-ank vn @40 w 3-5% cse py ass w chl'd zones; 1*5 cm ser'd + chl'd qtz-ank vn@40 w spec hem*		

Hole_ID	From	To	Sample_#	Length	Au ppm	Description	Au ppm_ck	Au ppm-ck2
BG11-128	36.55	38.00	C2892	1.45	*<.03*	red syn w 2-3% py filled fracs		
BG11-128	38.00	39.40	C2893	1.40	*<.03*	red syn w 2-3% py filled fracs; 3*1 cm ser'd + chl'd qtz-dol vns @40-70		
BG11-128	42.30	43.75	C2894	1.45	<.03	1% fg diss py + py in 0.1 cm fracs @30		
BG11-128	43.75	45.20	C2895	1.45	*<.03*	<1% fg diss py + 2*2 cm chl-ank vns @25 w 4% cse py		
BG11-128	45.20	46.65	C2896	1.45	*<.03*	1*1 cm peach bull dol vn @60 w spec hem; 2% py ass w whispy ser'd fracs + chl'd vns		
BG11-128	46.65	48.20	C2897	1.55	<.03	1*0.5 cm peach bull dol vn @30 w spec hem; <1% py ass w chl'd vns/zones		
BG11-128	48.20	49.60	C2898	1.40	*<.03*	1% fg diss py; py ass w <0.1 cm ser'd + chl'd fracs		
BG11-128	49.60	50.35	C2899	0.75	*0.343*	1*3 cm ser-chl-qtz-dol vn@60 w 4% mg py; 4*<0.8 cm chl-ser vns @25-35 w 10% v cse py		
BG11-128	50.35	51.20	C2900	0.85	1.680	**1*30 cm zone w >80% cse diss py + chl-qtz-dol; 3*1-5 cm chl-ank vns @40 w >70% cse euh py**	1.646	1.714
BG11-128	51.20	52.30	C2902	1.10	0.137	2% fn diss py + py filled fracs + py ass w chl'd zones		
BG11-128	52.30	53.70	C2903	1.40	0.206	2-3% fn diss py + py filled fracs + py ass w chl'd vns/zones; 1*1 cm chl vn @20 w 30% cse py; 1*2.5 cm bull qtz-ank vn @35		
BG11-128	53.70	55.00	C2904	1.30	<.03	1% fn to cse py along <0.1 cm chl'd/ser'd fracs + in chl'd zones		
BG11-128	59.60	60.70	C2905	1.10	<.03	1% fn to cse py along whispy <0.1 cm chl'd/ser'd fracs; 2*1 cm chl'd vns @45 w 30% cse py		
BG11-128	63.00	63.90	C2906	0.90	<.03	<1% fn to cse py along <0.1 cm chl'd/ser'd fracs + in chl'd zones/clasts		
BG11-128	63.90	64.75	C2907	0.85	0.274	*5% py ass w a 5 cm qtz-ank-chl vn @30; 2-3% cse diss py ass w chl'd zones/clasts*		
BG11-128	64.75	66.00	C2909	1.25	<.03	1% fn to cse py along <0.1 cm chl'd/ser'd fracs + in subrounded chl clasts		
BG11-128	66.50	67.50	C2910	1.00	<.03	1*2 cm chl-ank-dol-qtz vn @50 w 60% mg py; 1% fg diss py		
BG11-128	**70.40**	**71.70**	**C2911**	**1.30**	**0.960**	***hly sil'd + bleached zone w a 25 cm zone w 20% py diss + in chl-ank vns @30; 1*3 cm dol-ank-qtz-chl vn @30 w 20% cse py; 1*20 cm bull pk qtz-dol vn @40 w adj 3% fg diss py***		
BG11-128	71.70	73.00	C2912	1.30	<.03	perv hem'd w 2% mg diss py ass w chl vns + fracs		
BG11-128	77.40	78.40	C2913	1.00	<.03	chl'd w mg py ass w chl along 3 cm ank-qtz vn @30		
BG11-128	81.00	82.00	C2914	1.00	<.03	1% py ass w chl'd fracs + zones		
BG11-128	82.00	83.00	C2915	1.00	1.543	**1*15 cm flt + ass brecciated qtz-ank vn @30 with a 5 cm zone of 95% cse py; adj <0.1 cm ser'd fracs w 2% fg py**	1.509	1.577
BG11-128	83.00	84.00	C2916	1.00	2.023	**1*8 cm chl slip contact @15 w 25-35% cse py; 3% fg diss py + <0.1 cm ser'd fracs**	2.400	1.646
BG11-128	84.00	85.00	C2917	1.00	0.549	1-2% fg diss py + py ass w chl'd zones; 2*1 cm bull qtz-ank-dol vns @35		
BG11-128	85.00	86.00	C2918	1.00	<.03	1% fg diss py + py filled fracs		
BG11-128	89.30	90.15	C2919	0.85	0.137	chl'd zones w mg diss py; 1*10 cm dol-sil alt'd zone w 3% fg diss py + py filled fracs		
BG11-128	94.90	96.00	C2920	1.10	0.274	2*1-3 cm chl-ank vns @25-30 w 10% cse py		
BG11-128	102.60	104.00	C2921	1.40	<.03	hly chl'd w 2% mg diss py		
BG11-128	104.00	105.00	C2922	1.00	3.258	*2*1-2 cm chl-ank vns @5-25 w 85% cse py*	3.909	2.606
BG11-128	105.00	106.40	C2924	1.40	<.03	chl'd w tr py along fracs		
BG11-128	106.40	107.20	C2925	0.80	0.069	2*1-3 cm chl'd zones in small tuff zone @20-25 w 25% cse diss py		
BG11-128	107.20	108.45	C2926	1.25	<.03	1% py along 0.1 cm chl'd fracs		
BG11-128	109.80	111.00	C2927	1.20	<.03	4*0.1-0.2 cm ser'd + chl'd fracs @15 w 2% mg py		
BG11-128	117.00	118.20	C2928	1.20	<.03	ser'd chl-carb flt @10 w tr fg diss py		
BG11-128	118.20	119.70	C2929	1.50	0.069	chl-dol-ank shear @45 w tr fg diss py		
BG11-128	123.40	124.50	C2930	1.10	*<.03*	1*3 cm ser-chl-carb-qtz slip @35 w <1% v cse py blobs + 0.1 cm py filled fracs		
BG11-128	128.30	129.95	C2931	1.65	*<.03*	hly chl'd w 1% fg diss py + py ass w chl'd clasts		
BG11-128	129.95	131.20	C2932	1.25	0.274	2-3% diss fg py + cse diss py ass w hly chl'd zones/clasts		
BG11-128	135.00	136.10	C2933	1.10	<.03	1*1 cm bull qtz-ank-ser-chl contact vn @45		
BG11-128	139.00	140.20	C2934	1.20	<.03	hly ser'd w a 1*8 cm bull qtz-ank-dol-chl vn @65		
BG11-128	150.50	152.00	C2935	1.50	<.03	hly ser'd w 6*0.5-3 cm qtz-ank-dol vns @25-35 w >20% spec hem		
BG11-128	152.00	153.30	C2936	1.30	<.03	1*40 cm flt w blk qtz + BFP breccia @15; 1*3 cm qtz-carb vn @10 w 1% spec hem		
BG11-128	167.60	168.70	C2937	1.10	<.03	3*0.5-1 cm bull qtz-dol vns @30-40; 1*2 cm wt/gy qtz vn@25 w tr diss py		
BG11-128	174.45	175.65	C2938	1.20	<.03	hly hem'd w ser'd fracs; 1*0.8 cm dol-ank-qtz vn @10 w 2% spec hem		
BG11-128	187.60	188.70	C2939	1.10	<.03	fresh BFP sample		
BG11-128	188.70	190.10	C2940	1.40	0.069	*contact btw BFP/syenite @50; FP sil'd w 1*1 cm chl-ank vn @30 w 80% cse py; 2% mg py along fracs*		
BG11-128	190.10	191.40	C2942	1.30	0.343	Weak New Zone: 2% cse diss py + py ass w fracs; 1*0.2 cm ank-chl vn @10 w 3% mg py		
BG11-128	191.40	192.50	C2943	1.10	0.206	Weak New Zone: 3% cse diss py + py ass w fracs		
BG11-128	192.50	193.90	C2944	1.40	<.03	tr fg diss py		

Hole_ID	From	To	Sample_#	Length	Au ppm	Description	Au ppm_ck	Au ppm-ck2
BG11-128	193.90	194.75	C2945	0.85	0.343	2-3% cse diss py + py ass w fracs; 1*1 cm qtz-carb vn @35 w 10% cse py		
BG11-128	194.75	195.50	C2946	0.75	1.098	***New Zone?:*** *1-90% diss py + py ass w fracs + replacement py in groundmass + py ass w blue grey qtz vns + py ass w qtz-carb-chl vns; 3% md to cse diss py + 2*0.4-1 cm qtz-carb-chl vn @25 w 70% cse py*	1.166	1.029
BG11-128	195.50	196.30	C2947	0.80	0.480	**As described in 194.75-195.50; 3-5% cse diss py + py filled fracs incl 1*0.3 cm frac w 90% cse diss py + poss vg?**		
BG11-128	**196.30**	**197.35**	**C2948**	**1.05**	**0.754**	**As described in 194.75-195.50; 3-5% cse diss py + py filled fracs; 1 cm replacement py blobs in groundmass**		
BG11-128	**197.35**	**198.20**	**C2949**	**0.85**	**6.926**	**As described in 194.75-195.50; 3-5% cse diss py + py filled fracs; 1*30 cm zone w 40% cse py ass w fracs, vns and as replacement in groundmass; 1*40 cm sil'd zone w 30% blue qtz vning @25 w 10-50% md to cse py**	**7.406**	6.446
BG11-128	198.20	199.60	C2951	1.40	2.332	1% fg diss py; 1*2 cm blue qtz vn'd zone w 40% cse diss py	2.674	1.989
BG11-128	199.60	201.00	C2952	1.40	0.343	tr fg diss py; 1*0.2 cm qtz-ank vn @10 w 40% cse py; 1*0.5 cm qtz-ank-chl vn @55 w 90% blocky cse euh py		
BG11-128	201.00	202.50	C2953	1.50	0.686	1*1.5 cm qtz-ank-chl vn @60 w 90% blocky cse euh py		
BG11-128	202.50	204.00	C2954	1.50	0.137	tr fg diss py; 2*2 cm bull qtz-carb vns @50		
BG11-128	204.00	205.45	C2955	1.45	*0.206*	1% fg diss py + py ass w chl'd zones; 1*1 cm bull qtz-carb-chl vn @25		
BG11-128	205.45	206.90	C2956	1.45	0.206	1-2% fg diss py + py ass w fracs; 1*25 cm forest gn QFP intr w larger glassy qtz phenos		
BG11-128	206.90	208.30	C2957	1.40	0.343	FP/diorite contact @40 w 1% fg diss py + 3*0.3-0.5 cm qtz-carb vns @35-40 w 20% mg py		
BG11-128	208.30	209.80	C2958	1.50	0.274	1*20 cm sil'd zone w 15% md to cse diss py + py filled fracs; 2% leux		
BG11-128	209.80	211.10	C2959	1.30	0.343	10% leux w 1-2% diss mg py + py filled fracs; 3% late dol vns @15-80 w occasional py		
BG11-128	211.10	212.50	C2960	1.40	0.274	1*1.5 cm qtz-carb-chl vn @15 w 70% cse py; 2*0.1-0.5 cm py filled fracs @45 w 50% cse py		
BG11-128	212.50	213.90	C2961	1.40	0.274	fresh w 3% late dol vns @15-80 w occasional py incl 2*0.1-0.2 @15 w 15% cse py		
BG11-128	213.90	215.40	C2962	1.50	0.206	1*0.5 cm dol vn @60 w 15% cse py + py filled fracs		
BG11-128	215.40	216.85	C2963	1.45	0.069	1-2% fg diss py + mg py filled fracs + py ass w late dol vns @20-80		
BG11-128	216.85	218.30	C2964	1.45	0.069	fresh diorite 2% late dol vns		
BG11-128	218.30	219.60	C2965	1.30	0.069	2% leux w 1% fg diss py		
BG11-128	219.60	220.70	C2966	1.10	0.069	3% late dol vns @15-80 w occasional py incl 1*1.5 cm dol vn @70 w 6% cse py		
BG11-128	**220.70**	**221.80**	**C2967**	**1.10**	**10.286**	**hly sil'd 80 cm zone w 5-12% fn to mg py incl w a 2 cm qtz-carb vn @0 w >90% fn to mg py**	9.874	10.697
BG11-128	221.80	223.00	C2969	1.20	0.274	20% leux w 1% fn to mg diss py		
BG11-128	223.00	223.70	C2970	0.70	0.274	20% leux w <1% fn to mg diss py		
BG11-128	**223.70**	**224.70**	**C2971**	**1.00**	**0.549**	**10% leux + 1-2% md to cse diss py + 1*0.5 cm vn @0 w 50% cse py**		
BG11-128	224.70	225.95	C2972	1.25	0.137	10% leux + 1% late dol vns @20-60 w occassional fg py		
BG11-128	225.95	226.80	C2973	0.85	2.469	**1*20 cm sil-chl-py shear zone @20 w 40% md to cse py; 1*30 cm hly sil'd zone w 3-5% cse diss py + py filled fracs**	2.469	2.469
BG11-128	226.80	228.00	C2974	1.20	2.915	**hly sil'd w 5% mg to cse diss py + py filled fracs + py ass w zones of grey qtz; 1*30 cm zone w 1*1 cm ank vn @35 adjacent to 70% cse euh blocky diss py**	2.949	2.880
BG11-128	228.00	229.00	C2976	1.00	2.023	*1*30 cm sil'd zone w 60% cse euh blocky py + 4*0.5-2 cm dol vns @35-55; moving into sheared chl-ser-carb zone*	2.057	1.989
BG11-128	229.00	230.10	C2977	1.10	<.03	lg gn w carb-ser-chl alt zone; 1*1 cm ank-chl vn @10 w 2% fg py + arseno?		
BG11-128	230.10	231.00	C2978	0.90	0.069	1*5 cm ser-ank-chl shear @60 w 5% fg diss py which marks the change in lith to FP w 2% mg diss py		
BG11-128	231.00	231.90	C2979	0.90	0.069	strong chl slip flt @15 w ass dol-qtz-chl vns w a 1 cm py vn @40 w 90% cse euh blocky py		
BG11-128	231.90	233.00	C2980	1.10	<.03	1% fg diss py + spec hem in late dol vns @15		
BG11-128	233.00	234.00	C2981	1.00	*<.03*	tr diss py + spec hem; 1% bull qtz-dol vns @15		
BG11-128	234.00	235.20	C2982	1.20	0.206	ser'd + hem'd <0.1 cm fracs + late carb vns; 1*0.2 cm frac w a 1 cm blob of cse blocky py		
BG11-128	235.20	236.60	C2983	1.40	0.137	ser'd + hem'd <0.1 cm fracs + late dol/ank vns occasionally w 1% py		
BG11-128	236.60	238.10	C2984	1.50	<.03	1*1.5 cm bull ank-chl slip @15; tr py filled fracs incl 1*0.1 cm frac w a 1 cm blob of cse py		
BG11-128	238.10	239.60	C2985	1.50	0.343	2-3% late carb veining		
BG11-128	239.60	240.90	C2986	1.30	<.03	1% late carb veining		
BG11-128	244.00	245.05	C2987	1.05	<.03	qtz-chl slip @65 w blk qtz; 2% late carb vns		
BG11-128	245.05	246.30	C2988	1.25	*<.03*	<1% diss fg py + py filled fracs		
BG11-128	246.30	247.20	C2989	0.90	*0.069*	1% fg diss py + 1*0.6 cm qtz-carb-hem vn @ 25 w 10% mg py		
BG11-128	251.00	252.00	C2990	1.00	0.137	3% diss spec hem; 1*4 cm brecciated qtz-carb vn @40 w tr ass py		

Hole_ID	From	To	Sample_#	Length	Au ppm	Description	Au ppm_ck	Au ppm-ck2
BG11-128	254.65	255.95	C2991	1.30	0.206	3% diss spec hem; 2*0.4 cm grey qtz vns @75 w 2-3% fg py + spec hem		
BG11-128	258.00	259.25	C2992	1.25	<.03	<1% fg diss py + py ass w ser'd fracs; 1*1 cm vuggy qtz-ank-dol vn @25 w 1% diss spec hem		
BG11-128	267.70	268.90	C2993	1.20	*0.343*	tr diss py + spec hem		
BG11-128	268.90	270.00	C2994	1.10	0.206	1*0.5 cm qtz-carb-ser-hem vn @0 for 80 cm w 3-5% cse py		
BG11-128	271.00	272.05	C2995	1.05	0.137	1% spec hem + fg diss py; 2*0.2 cm hem'd + chl'd fracs @15 w 15% cse diss py + chalco;		
BG11-128	273.85	275.30	C2996	1.45	0.411	2% spec hem + fg diss py; 1*0.4 cm qtz-chl-carb vn @0 w 10% cse diss py		
BG11-128	280.50	281.30	C2997	0.80	0.206	1-2% cse diss py + py ass w chl'd zones + py filled fracs		
BG11-128	281.30	282.35	C2998	1.05	<.03	1*10 cm qtz-dol-ank vn @70 w 3% cse py in blobs + mn ass fg diss py; entering hly ser'd + chl'd shear zone		
BG11-128	282.35	283.30	C2999	0.95	0.069	1*60 cm carb-qtz-ser-chl shear zone @65 which is the gradational contact between FP/diorite		
BG11-128	283.30	284.40	C3000	1.10	<.03	diorite w 1-2% late pk to wt carb vns @~65		
BG11-128	286.80	287.80	C3001	1.00	0.206	diorite alt'd red due to diss spec hem + carb; 1*0.5 cm chl vn @20 w 70% cse py; mn epd spots		
BG11-128	299.80	300.85	C3002	1.05	<.03	1-2% late wht carb vning @40-80; 1% epd alt		
BG11-128	300.85	302.10	C3003	1.25	0.206	3% leux w 4% fn to cse diss py; 1*0.5 cm bull carb-chl-moly vn @20 w adj 6% cse diss py		
BG11-128	302.10	303.40	C3004	1.30	0.206	4% leux w 2% md to cse diss py		
BG11-128	303.40	304.60	C3005	1.20	0.137	1*5 cm qtz-chl-carb-moly localized shear zone @50 w 3% fn to mg diss py + py ass w chl'd fracs; hly chl'd + 2% leux around shear zone w increasing epd distally		
BG11-128	308.20	309.60	C3006	1.40	0.411	1*5 cm bull qtz-chl-carb-moly slip @35; tr py along fracs; epd alt as blobs		
BG11-128	311.05	312.30	C3007	1.25	0.480	chl'd and sil'd wk zone w 5% leux + py incl 2*0.3 cm chl-ser vn @25 w 5% cse py;		
BG11-128	**312.30**	**313.70**	**C3009**	**1.40**	**0.549**	**1*5 cm qtz-moly vn @35 w 1% cse py**		
BG11-128	313.70	315.00	C3010	1.30	<.03	1*1 cm carb-chl vn @65 w 2% cse py		
BG11-128	319.30	320.35	C3011	1.05	<.03	2% leux w 1% fg diss py; 1*0.4 cm chl-carb vn @0 w 5% cse diss py		
BG11-128	323.25	324.60	C3012	1.35	<.03	2*4-10 cm sheared zones of bull carb-qtz vns w chl + ser alt @65-75		
BG11-128	324.60	326.10	C3013	1.50	<.03	2% leux; weakly sheared + chl'd w 1*1 cm qtz-carb vn @80 w tr fg py + spec hem		
BG11-128	326.10	327.50	C3014	1.40	<.03	Sheared carb vns w chl + ser alt to groundmass; tr py ass w qtz-carb vns		
BG11-128	327.50	329.00	C3015	1.50	<.03	Sheared carb vns w chl + ser alt to groundmass; 1% py ass w <0.1 cm chl'd fracs + qtz vns		
BG11-128	329.00	330.40	C3016	1.40	<.03	End of sheared zone w 0.2-3 cm hem clasts + 1*1 cm hem'd chl'd and ser'd carb vn @30		
BG11-128	330.40	331.80	C3017	1.40	0.137	1-2% py and spec hem ass w chl'd zones + 3*1-3 cm qtz-carb vns @30; tr brassy chalco + purple blue born? also present in carb vns		
BG11-128	331.80	333.00	C3018	1.20	<.03	1% fg diss py and spec hem + 1*0.5 cm carb-hem-chl vn @0 w 0% cse py		
BG11-128	333.00	334.00	C3019	1.00	0.069	1*20 cm chl-carb-qtz-moly shear zone @75 w 2% cse diss py + spec hem		
BG11-128	335.65	337.10	C3020	1.45	<.03	1*70 cm bull carb-epd-chl shear @70; hem'd + chl'd clasts		
BG11-128	337.10	338.50	C3021	1.40	<.03	1% cse py diss + along <0.1 cm fracs; 2% late carb vns @15-80 occassionally w mn diss py + chalco + moly + irredescent purple/blue bornite?		
BG11-128	355.95	357.30	C3022	1.35	<.03	1*5 cm chl-carb shear @70 w tr fg diss py		
BG11-128	357.30	358.60	C3023	1.30	<.03	1*0.5 cm carb vn @15 w >80% cse py; 3% cse diss py + ass w fracs + along late carb vns		
BG11-128	358.50	359.90	C3025	1.40	<.03	1-2% fg diss py; 1*15 cm chl'd zone w 1 cm bull qtz-carb vns @65-75		
BG11-128	366.00	367.00	C3026	1.00	<.03	1*20 cm bull qtz-carb-chl vn @10; mn epd alt		
BG11-128	369.60	371.00	C3027	1.40	<.03	2% leux ass w a 30 cm of 2% fg diss py + mg py along <0.1 cm chl'd fracs		
BG11-128	371.00	372.40	C3028	1.40	<.03	4% leux w 1% md to cse diss py; 1*5 cm qtz-carb-chl vn @30 w 1% fg diss py		
BG11-128	372.40	373.90	C3029	1.50	<.03	4% leux w 2% md to cse diss py + py along fracs; 1*15 cm chl'd + carb alt zone w >50% cse diss py		
BG11-128	375.10	376.50	C3030	1.40	<.03	1-2% leux; 1-2% py ass w carb vns + chl'd fracs @15-25		
BG11-128	**376.50**	**378.00**	**C3031**	**1.50**	**0.686**	**fresh, 2% late carb vns incl 1*5 cm vuggy carb-qtz-chl vn @60 w 1% cse py**		
BG11-128	379.45	380.60	C3032	1.15	0.069	1-2% fg diss py + md to cse py along chl'd fracs		
BG11-128	391.00	392.40	C3033	1.40	<.03	beginning of alt zone, hly chl'd w 1*2 cm ser'd + sheared carb vn @80		
BG11-128	392.40	393.80	C3034	1.40	<.03	chl'd w 2% pk late carb vns; 1*5 cm sil'd zone w 0.1-1 cm sheared carb + qtz vns @60-70 w tr fn to mg py		
BG11-128	393.80	395.20	C3035	1.40	<.03	chl'd and sheared w 2-3% late pk carb vns; 1% fg py along fracs + 1*0.4 cm chl'd gy qtz vn @50 w 1% fg py		
BG11-128	395.20	396.65	C3036	1.45	<.03	chl'd and sheared w 1-2% fg diss py + py conc along fracs; 1*2 cm qtz-carb vn @80 w 15% cse py + 4*1 cm qtz-carb vns @15-60 w 15% mg to blocky cse py		

Hole_ID	From	To	Sample_#	Length	Au ppm	Description	Au ppm_ck	Au ppm-ck2
BG11-128	396.65	398.10	C3037	1.45	<.03	*chl'd and sheared at begining w <1% fg diss py followed by perv carb alt w 3-4% cse diss py + 10-20% cse py ass w <0.1 cm fracs @<15*		
BG11-128	398.10	399.00	C3038	0.90	0.137	*perv carb alt w 3-4% cse mg to cse diss py + py ass w fracs*		
BG11-128	399.00	399.65	C3039	0.65	<.03	*carb alt w mauve appearance w 30% leux? + 2% md to cse py along fracs; 1*1 cm mag vn @25 ass w late pk carb vns + crosscuting py filled fracs*		
BG11-128	399.65	400.80	C3041	1.15	<.03	carb alt w >30% mauve <0.1 cm leux; 1-2% md to cse diss py + py filled fracs; 1% late carb vns @25-65 some w tr fg py		
BG11-128	400.80	401.60	C3042	0.80	0.069	carb alt w >30% mauve <0.1 cm leux; 1*30 cm sil'd zone w 10% cse py ass w gy qtz vns @45		
BG11-128	401.60	402.45	C3043	0.85	<.03	sil'd + chl'd w 1% md to cse py along fracs		
BG11-128	402.45	403.50	C3044	1.05	<.03	>20% mauve leux w 1% mg py along fracs		
BG11-128	**403.50**	**404.70**	**C3045**	**1.20**	**3.909**	**>20% mauve leux w 1*30 cm zone w 25% mg diss py; 1*10 cm zone w gy qtz vns @30 w 3% cse diss py + zones of >20% cse py**	3.703	4.114
BG11-128	404.70	405.90	C3047	1.20	0.069	end of alt zone w chl alt + >20% leux w 1-2% cse diss py + py filled fracs;		
BG11-128	405.90	407.30	C3048	1.40	<.03	10% leux w 1-2% diss mg py + chl'd py filled fracs @40		
BG11-128	407.30	408.70	C3049	1.40	<.03	1-2% late wht carb vning @40-70; 1*0.4 cm chl vn @35 w 10% cse py		
BG11-128	408.70	410.00	C3050	1.30	<.03	hly chl'd w chl clasts		
BG11-128	410.00	411.00	C3051	1.00	<.03	1*3 cm qtz-carb-chl vn @35 w 40% cse py; 1*4 cm qtz-carb vn @0 w 10% cse blocky py		
BG11-128	411.00	412.00	C3052	1.00	<.03	hly chl'd w tr diss py + py ass w fracs		
BG11-128	412.00	413.40	C3053	1.40	0.137	sil'd + chl'd w 1% md to cse py along fracs + along gy qtz vns @30		
BG11-128	413.40	414.80	C3054	1.40	0.343	sil'd + chl'd w 2% cse diss py + py along fracs; 1*20 cm slighly chl-carb sheared zone @55 w 5-10% diss py + py along fracs		
BG11-128	429.20	430.60	C3055	1.40	<.03	1-2% py conc along 0.1-0.3 cm epd vns @0-60; 1*1.5 cm qtz-carb vn @45 w tr cse py		
BG11-128	430.60	432.00	C3056	1.40	<.03	1-2% epd vns + alt; tr py along <0.3 cm qtz-carb vns @35		
BG11-128	432.00	433.45	C3057	1.45	<.03	1*50 cm zone of qtz-carb veining @0 w tr cse blocky py		
BG11-128	433.45	434.95	C3058	1.50	<.03	1*10 cm bull qtz-carb vn @25; 1*3 cm carb vn @70 w 60% cse py		
BG11-128	434.95	436.55	C3059	1.60	<.03	1% fn to cse diss py + py ass w fracs		
BG11-128	436.55	437.80	C3060	1.25	<.03	1*15 cm sil'd zone @40 w 40% cse diss py ; 0.1-0.2 cm fracs w cse py @30-50		
BG11-128	437.80	438.80	C3061	1.00	<.03	4% epd alt as vns and blobs w 1-2% ass md to cse diss py		
BG11-128	438.80	440.40	C3090	1.60	<.03			
BG11-128	440.40	441.75	C3062	1.35	<.03	4% epd alt as vns and along fracs + late carb veining bth ass w 1-2% md to cse diss py		
BG11-128	441.75	443.20	C3063	1.45	0.069	epd + chl alt'd groundmass w late pk to wt carb vns w 1% md to cse diss py		
BG11-128	443.20	444.60	C3064	1.40	<.03	epd + chl alt'd groundmass w late pk to wt carb vnsw 1% md to cse diss py		
BG11-128	444.60	446.10	C3065	1.50	<.03	20% brassy py in mm wide epy vn along CA		
BG11-128	446.10	447.45	C3076	1.35	0.069	epd veining + tr fg diss py; 1*3 cm bull qtz-ank-chl vn @35		
BG11-128	447.45	448.90	C3077	1.45	<.03			
BG11-128	448.90	450.55	C3078	1.65	0.069	tr py in 0.1-1 cm qtz-carb vns		
BG11-128	450.55	451.65	C3066	1.10	0.137	hly chl'd w 4% epd vns + alt spots; 1*1 cm epd-carb vn @15 w 15% mg brassy py		
BG11-128	451.65	453.00	C3079	1.35	0.069	1% fg diss py		
BG11-128	453.00	454.50	C3080	1.50	<.03	tr fg diss py + epd vns @0		
BG11-128	454.50	455.95	C3081	1.45	<.03	2*1 cm carb vns @35 w tr py		
BG11-128	455.95	457.30	C3082	1.35	<.03			
BG11-128	457.30	458.70	C3083	1.40	<.03	1*1.5 cm bull carb-chl vn @40; tr py		
BG11-128	458.70	460.20	C3084	1.50	<.03			
BG11-128	460.20	461.60	C3085	1.40	<.03	1*0.5 cm chl-carb vn @45 w 60% cse py		
BG11-128	461.60	463.00	C3067	1.40	<.03			
BG11-128	463.00	463.85	C3086	0.85	<.03	tr fg diss py		
BG11-128	463.85	465.00	C3068	1.15	<.03	hly alt'd and chl'd w tr py along 0.1 cm qtz vns		
BG11-128	465.00	465.90	C3069	0.90	<.03	**Poss South Zone? 1*1 cm py vn @15 w >90% cse blocky py; 0.1-0.3 cm fracs chl'd w 20% cse py**		
BG11-128	465.90	467.30	C3071	1.40	0.069	<1% py conc along fracs		
BG11-128	467.30	468.40	C3087	1.10	0.343	<1% cse diss py ass w chl'd zones		
BG11-128	468.40	469.30	C3072	0.90	<.03	py in groundmass adj to late carb vns incl 1*1 cm carb vn @40 w 5% adj cse brassy py;		
BG11-128	469.30	470.50	C3088	1.20	0.137	2% leux		

Hole_ID	From	To	Sample_#	Length	Au ppm	Description	Au ppm_ck	Au ppm-ck2
BG11-128	470.50	471.65	C3089	1.15	0.069	2% leux		
BG11-128	471.65	472.90	C3073	1.25	<.03	tr fg diss py		
BG11-128	484.70	485.65	C3074	0.95	<.03	hly alt'd by epd; 1*1 cm qtz-chl vn @65 w 60% cse blocky py		
BG11-128	496.20	497.50	C3075	1.30	<.03	chl'd at beginning w 3% fn to cse diss py + py along fracs; hly alt'd w epd towards the end; 0.2-0.5 cm mag vns @45		
BG11-128	500.00	501.00	C3091	1.00	<.03	1*45 cm zone of >90% epd alt w 0.5 cm bull wt qtz vns @25 + 1*3 cm qtz-carb-chl vn @30 w tr cse diss py		
BG11-128	506.35	507.75	C3092	1.40	<.03	chl'd w <1% mg to cse py diss + in carb vns; py euh blocky + 2 distinct colours (brassy brown, lighter yellow) poss chalco		
BG11-128	507.75	509.20	C3093	1.45	0.069	1-2% md to cse py along fracs + carb vns; 1*30 cm chl'd zone w 5% mg py along fracs		
BG11-128	509.20	510.00	C3094	0.80	1.509	**5% leux; 1*30 cm chl alt zone w 10% cse py + carb vns @90 w chl clast incls**	1.851	1.166
BG11-128	510.00	511.05	C3096	1.05	<.03	tr py ass w chl'd zones; 1*0.4 cm mag vn @40		
BG11-128	511.05	513.00	C3097	1.95	<.03			
BG11-128	513.00	514.40	C3098	1.40	<.03	2% md to cse py along fracs incl 1*0.2 cm @0 w 80% cse py; 1*1.5 cm qtz-carb-chl vn @60 w tr py		
BG11-128	514.40	515.40	C3099	1.00	<.03	**2% md to cse py along fracs; 1*3 cm brecciated qtz-carb vn @25 w an adj 10 cm zone of >80% cse diss py**		
BG11-128	515.40	516.30	C3100	0.90	<.03	chl'd w 2% cse diss py + late bull dol vns @55-80		
BG11-128	516.30	517.20	C3151	0.90	0.411	hly BG w 1-2% md to cse py along chl'd fracs + diss		
BG11-128	**517.20**	**518.60**	**C3152**	**1.40**	**0.823**	**2-3% md to cse blocky py diss + along fracs + in dol vns**		
BG11-128	518.60	519.60	C3153	1.00	<.03	2% md to cse blocky py diss + along chl'd fracs		
BG11-128	519.60	521.00	C3154	1.40	2.057	2% mg py along chl'd fracs; 1*25 cm porphyry intrusive w <0.5 cm wt felds and <0.3 cm gn chl phenos + 2% fg diss py	2.057	2.057
BG11-128	521.00	522.00	C3155	1.00	<.03	1% fn to mg py diss + along chl'd fracs; 1*2 cm qtz-dol vn @0 w 5% fn to mg py		
BG11-128	**522.00**	**522.70**	**C3156**	**0.70**	**0.617**	**5% fg diss py + 2*0.3-0.5 cm qtz-dol vns @30 w >80% cse py; start of Main Break w a sheared and min'd sharp contact @20 w 2% cse py**		
BG11-128	522.70	523.50	C3157	0.80	1.337	**Main Break w a 1*20 cm chl-carb shear zone @25 w a 4-5 cm zone of >80% cse py; 5% leux + 5% md to cse diss py**	1.440	1.234
BG11-128	**523.50**	**524.40**	**C3159**	**0.90**	**0.549**	**5% leux and hly chl'd w 2% cse diss py + along 1*0.3 cm qtz-dol vn @0**		
BG11-128	524.40	525.40	C3160	1.00	1.269	5% leux at beginning w 1*5 cm zone of >60% cse diss py then hly sheared w 1% fg diss py	1.234	1.303
BG11-128	525.40	526.60	C3161	1.20	1.063	hly sheared w 4 cm of flt gouge + 30 cm zone of flt breccia; 1*1.5 cm vn @20 w >95% cse py	1.097	1.029
BG11-128	526.60	527.70	C3162	1.10	0.274	end of the Main Break; sheared groundmass and qtz-carb vns		
BG11-128	527.70	528.50	C3163	0.80	0.069	5% leux w 5-10% fn to mg diss py		
BG11-128	528.50	529.50	C3164	1.00	<.03	5% leux + 1-2% pk carb vns @25-55 w spec hem		
BG11-128	529.50	530.70	C3165	1.20	<.03	5% leux + 1-2% pk carb vns @25-55 w spec hem		
BG11-128	530.70	532.00	C3166	1.30	<.03	3% leux + brassy py loc conc in blobs of >80% cse py + along fracs + within dol vns @35		
BG11-128	532.00	533.10	C3167	1.10	<.03	3% leux + brassy py loc conc along chl'd fracs + within dol vns @40		
BG11-128	533.10	534.20	C3168	1.10	0.069	4% leux + 2% fg diss py ass w chl'd zones		
BG11-128	534.20	535.30	C3169	1.10	<.03	4% leux + 2% fg diss py ass w chl'd zones + along fracs + within dol vns @50		
BG11-128	535.30	536.50	C3170	1.20	<.03	start of Main Break ass shear zone w 1*3 cm chl-carb vn @65 w >90% blocky py; 2% diss py + py filled fracs; 1*2 cm carb-chl vn @30 w 40% mg py		
BG11-128	536.50	537.70	C3171	1.20	0.069	1% mg py along <0.2 cm fracs		
BG11-128	537.70	538.80	C3172	1.10	<.03	tr fg diss py		
BG11-128	538.80	539.75	C3173	0.95	<.03	1*0.5 cm bull dol vn @25 w 1% fg diss py in the adj groundmass		
BG11-128	539.75	540.40	C3174	0.65	<.03	1*4 cm brecciated qtz-carb-chl vn @15 w tr py; sample adj to a 4ft opening		
BG11-128	541.70	542.60	C3175	0.90	0.206	0.5 cm chl-dol vns @0 w 50% mg py; 2% fg diss py; sample adj to a 4ft opening		
BG11-128	542.60	543.60	C3176	1.00	0.137	ser'd groundmass w 3*1-3 cm wt to gr qtz-carb vns @35-55 w 2-3% mg py		
BG11-128	543.60	544.60	C3177	1.00	2.777	**1*20 cm chl'd and ser'd zone w wt to gy qtz vns @25 w >85% cse py**	3.771	1.783
BG11-128	544.60	546.00	C3179	1.40	<.03	chl'd w 2-3% pk to wt late dol vns @25-75 + tr py		
BG11-128	546.00	547.20	C3180	1.20	0.206	chl'd w 2-3% pk to wt late dol vns @25-75 + tr py; 1*0.3 cm py filled vn @25		
BG11-128	547.20	547.80	C3181	0.60	<.03	1% mg diss py		
BG11-128	549.10	550.60	C3182	1.50	0.274	diorite has red 0.7-4 cm angular inclusion clasts; 3% leux w 2% mg diss py; 1*1 cm carb-chl v @55 w 15% cse py		

Hole_ID	From	To	Sample_#	Length	Au ppm	Description	Au ppm_ck	Au ppm-ck2
BG11-128	555.00	556.30	C3183	1.30	0.069	1*9 cm bull qtz-carb vn @50; 2% mg diss py		
BG11-128	557.00	558.00	C3184	1.00	0.206	2% py along fracs + within certain dol vns @70; 1*1 cm bull qtz-carb vn @25		
BG11-128	561.00	562.30	C3185	1.30	0.137	1*2 cm pk carb vn @25 w 30% mg py		
BG11-128	566.50	567.60	C3186	1.10	<.03	tr py diss in epd blobs; late dol vns @0 TCA		
BG11-128	588.80	589.90	C3187	1.10	<.03	1*1 cm bull carb vn @10; 1% cse diss py adj to vn		
BG11-128	589.90	591.30	C3188	1.40	<.03	hly cbl'd zone and slightly sheared w v cse py ass w chl'd zones as blobs of >90% py		
BG11-128	595.25	596.65	C3189	1.35	<.03	1% late carb vns @25-75; 1*20 cm zone w qtz-carb vns @0 + 3-4% cse diss py		
BG11-128	596.65	598.00	C3190	1.35	<.03	1% late carb vns @25-75; <1% fn to mg diss py		
BG11-128	598.00	599.20	C3191	1.20	<.03	3*1 cm carb vns @0 + 1*0.4 cm qtz vn w ser/chl alt; tr py diss + ass w vns		
BG11-128	600.85	601.50	C3192	0.65	<.03	1*2 cm qtz-carb vn @0 w 3% cse py;		
BG11-128	603.10	604.60	C3193	1.50	<.03	1% fg py diss + conc along <0.1 cm fracs; 2% late carb vns @>40 some w ass diss py		
BG11-128	609.00	610.30	C3194	1.30	<.03	1*4 cm qtz-carb-ser-chl shear zone @50 w tr mg diss py; shear followed by 1*20 cm sil'd zone		
BG11-128	610.30	611.70	C3196	1.40	<.03	3% late carb vns; 2% v cse diss py + py in blobs of >70% py + py conc along fracs		
BG11-128	611.70	612.95	C3197	1.25	<.03	3% late carb vns; 2% v cse diss py + py in blobs of >70% py + py conc along fracs		
BG11-128	621.00	621.85	C3198	0.85	<.03	1*20 cm chl-carb shear @35 w tr diss py		
BG11-128	626.65	627.60	C3199	0.95	<.03	hly chl'd + epd alt w 1% mg diss py; 1*0.5 cm carb vn @25 w 3% cse py		
BG11-128	627.60	629.10	C3200	1.50	<.03	sil'd in zones w inclusions of FP; 3% cse diss py esp ass w sil'd zones		
BG11-128	629.10	630.50	C3201	1.40	<.03	epd alt + inclusion clasts of FP; 2% v cse diss py + 3*1-6 cm qtz vns @55 w tr py		
BG11-128	630.50	632.00	C3202	1.50	<.03	sil'd in zones w porphyritic texture in distinct zones of FP; epd alt + 3% fn to mg diss py		
BG11-128	639.40	640.10	C3203	0.70	<.03	639.7m 3cm wide qtz vn at 35 deg TCA		
BG11-128	646.40	647.40	C3204	1.00	<.03	1% py in frac's; 647.15 to 647.3m weak shear with carb vn's <1cm wide at 30 and 45 deg TCA		
BG11-128	647.40	648.40	C3205	1.00	<.03	<1% diss py in frac's		
BG11-128	651.10	651.70	C3206	0.60	<.03	651.35 to 651.6m 1.5cm wide carb+chl vn at 0-5 deg TCA		
BG11-128	653.10	654.20	C3207	1.10	<.03	weak brittle frac'ing two o.5 and 2 cm wide grey carb vn's at 45 deg TCA; negl py		
BG11-128	654.20	655.40	C3208	1.20	<.03	5% leuc flecs' tr py; weak frac'ing		
BG11-128	660.20	660.90	C3209	0.70	<.03	strong flt at 660.4 4cm wide with vn bx at 50 deg TCA+ chl; 1% py		
BG11-128	664.60	665.60	C3210	1.00	<.03	664.7 to 665.6m weak carb vn'ing with local brittle shear from 665.2 to 665.6m with 25-30% carb vn'ing + qtz-dol vn'ing generally at 65 to 70 deg TCA		
BG11-128	667.00	668.10	C3211	1.10	0.274	667.6m 85 deg TCA 2 cm carb vn with chl slips localized shear; overall <1% py		
BG11-128	675.00	675.90	C3213	0.90	<.03	weak fabric at 20 deg TCA in a 10 cm wide section; negl py		
BG11-128	675.90	676.80	C3214	0.90	<.03	weak 1mm frac's at 5 to 30 deg TCA with spec hem+cpy+py		
BG11-128	676.80	678.00	C3215	1.20	<.03	weak frac'ing at 10 to 25 deg TCA with carb+spec hem		
BG11-128	678.00	679.10	C3217	1.10	<.03	678.7 to 679 weak local shear at 35 deg TCA with 15-20% carb vn'ing		
BG11-128	680.30	681.80	C3218	1.50	<.03	negl py; weak frac'ing		
BG11-128	683.40	684.30	C3219	0.90	<.03	diorite dyke? With 3-5% fg diss py in matrix		
BG11-128	689.70	690.30	C3220	0.60	<.03	689.8m shear at 55 deg TCA 2cm wide purple carb vn; tr py		
BG11-128	698.00	698.80	C3221	0.80	<.03			
BG11-129	9.30	9.55	C4084	0.25	0.069	boulder? Separated by boulder rubble; hily bl'd por; 5% q-ank@45		
BG11-129	**10.10**	**11.35**	**C4085**	**1.25**	**30.240**	**0.6m dk gy+med gy qtz+20% q-ank frag's @11-30 w 25% cse d +bleb py imm foll by 1/8"-1" 70% cse py vn@11 imm foll by 20% leuco+ser-chl+10% med gy q str's+20% cse d py@2-11**	**32.777**	**27.703**
BG11-129	**11.35**	**12.10**	**C4086**	**0.75**	**68.504**	**20% leuco+ser-chl+10% med gy q str's+20% cse d py@2-11**	**80.435**	**56.572**
BG11-129	**12.10**	**13.00**	**C4087**	**0.90**	**237.876**	**chl-moly slip w up to 1/2" pk carb-qv controls dk gy q str's+40% cse py vn+ 20% leuco w 10% cse d py gen down core; multiple nesys V.G. in py, dk gy qv, and pk carb-qv**	**252.276**	**223.476**
BG11-129	**13.00**	**13.65**	**C4088**	**0.65**	**844.499**	**chl-moly slip w up to 1/2" pk carb-qv controls dk gy q str's+40% cse py vn+ 20% leuco w 10% cse d py gen down core; multiple nesys V.G. in py, dk gy qv, and pk carb-qv**	**816.418**	**872.579**
BG11-129	**13.65**	**14.30**	**C4090**	**0.65**	**65.041**	**20% leuco w 10% cse d py gen down core; 10% q-ank**	**63.841**	**66.241**
BG11-129	**14.30**	**15.30**	**C4091**	**1.00**	**154.425**	**chl-moly slip w up to 1/2" pk carb-qv controls dk gy q str's+40% cse py vn+ 20% leuco w 10% cse d py gen down core to locy @10; multiple nesys V.G. in py, dk gy qv, and pk carb-qv**	**135.293**	**173.556**
BG11-129	**15.30**	**16.30**	**C4092**	**1.00**	**8.743**	**freshening; 20% leuco w 15% cse d py gen @11**	**10.286**	**7.200**
BG11-129	**16.30**	**17.15**	**C4094**	**0.85**	**0.754**	**freshening; 20% leuco w 5% cse d py +10% q-ank vn's gen @22**		
BG11-129	**17.15**	**18.00**	**C4095**	**0.85**	**0.686**	**first 0.3m w 15% leuco+5% q-ank@28**		
BG11-129	18.00	19.50	C4096	1.50	0.274	3/4" wt ank vn w 5% cse d py@50		

Hole_ID	From	To	Sample_#	Length	Au ppm	Description	Au ppm_ck	Au ppm-ck2
BG11-129	19.50	21.00	C4097	1.50	0.411	5% leuco w 5% cse d py		
BG11-129	21.00	22.50	C4098	1.50	1.440	5% leuco w 5% cse d py	1.509	1.371
BG11-129	**22.50**	**24.00**	**C4099**	**1.50**	**0.960**	**30% sample w 5% leuco w 5% cse d py@34**		
BG11-129	24.00	25.50	C4100	1.50	0.343	5% fract's w 10% cse py vn's@50		
BG11-129	25.50	27.00	C4101	1.50	<.03			
BG11-129	27.00	28.50	C4102	1.50	0.343			
BG11-129	**28.50**	**30.00**	**C4103**	**1.50**	**0.686**	**50% sample w 5% leuco w 3% cse d py@25**		
BG11-129	30.00	31.50	C4104	1.50	0.069			
BG11-129	31.50	33.00	C4105	1.50	<.03			
BG11-129	**33.00**	**34.50**	**C4106**	**1.50**	**0.549**	**30% sample w 5% leuco w 10% cse d py@25**		
BG11-129	**34.50**	**36.00**	**C4107**	**1.50**	**0.754**	**50% sample w 5% leuco w 8% cse d py@36**		
BG11-129	**36.00**	**36.90**	**C4108**	**0.90**	**1.577**	**90% sample w 15% leuco w 12% cse d py@32; 20% q-ank**	1.303	1.851
BG11-129	**36.90**	**37.55**	**C4109**	**0.65**	**69.121**	**slip w20% q-ank+25% cse d py+ser-chl; gen @10-15**	70.012	68.229
BG11-129	**37.55**	**38.45**	**C4110**	**0.90**	**47.384**	**slip w 30% dk gy chl-sil clots+35% cse d +vn py-all gen @10-15; ser-chl; 20% q-ank-carb**	45.395	49.372
BG11-129	**38.45**	**39.95**	**C4112**	**1.50**	**1.200**	**50% sample w 20% leuco; 5% cse d py**	1.234	1.166
BG11-129	39.95	41.40	C4113	1.45	<.03			
BG11-129	41.40	42.00	C4114	0.60	<.03	0.1m bull q-ank vn w 25% chlc wall frag's@57		
BG11-130	7.20	8.35	C3576	1.15	<.03	20% leuco; 10% qank-carb@10+45 w 3-5% cse d py		
BG11-130	8.35	9.50	C3577	1.15	<.03			
BG11-130	9.50	10.30	C3578	0.80	<.03			
BG11-130	10.30	11.35	C3579	1.05	<.03	20% leuco; 1" discontinuous vuggy q-ank-carb orange vn w 10% cse d py @25		
BG11-130	11.35	12.50	C3580	1.15	<.03	0.2m 15% leuco@45		
BG11-130	12.50	13.90	C3581	1.40	<.03	20% leuco; 10% qank-carb@10-30 w 3-5% cse d py+ 1/2" vuggy q-ank-carb orange vn w 10% cse d py @5		
BG11-130	18.00	19.00	C3582	1.00	<.03	0.4m 15% leuco+10% q-ank+ wt q vn's@45-90 1/4" - all w 5-8% cse d py in pur hued		
BG11-130	21.00	21.70	C3583	0.70	0.069	1" q-ank w 25% cp blebs@30		
BG11-130	21.70	22.55	C3584	0.85	<.03			
BG11-130	22.55	23.25	C3585	0.70	<.03	0.25m 25% q-ank-carb w 15% cse d py@40		
BG11-130	30.70	31.25	C3586	0.55	<.03	0.15m q-ank bullish vn w 35% ang bx frag's of wallrock; 5% cse py locy conc-resembles frag's-@45 imm prec by slip		
BG11-130	34.90	35.35	C3587	0.45	<.03	1/2" dull wt qv bullish w 3% spec assd w epi@35		
BG11-130	37.70	38.20	C3588	0.50	<.03	3/4" dull wt qv bullish w 3% spec assd w epi@35		
BG11-130	40.20	40.80	C3589	0.60	<.03	3/4" dull wt qv bullish w 3% spec+5% cse d py assd w epi@40		
BG11-130	43.00	44.10	C3590	1.10	0.137	1/2" pur q-ank-spec vn@30; 1" 10% cse d py@75		
BG11-130	44.10	45.00	C3591	0.90	0.069	5% leuco; 3% cse d py		
BG11-130	45.00	46.20	C3592	1.20	0.274	5% leuco; 3% cse d py		
BG11-130	46.20	47.20	C3594	1.00	0.137	5% leuco; 3% cse d py; str slip imm prec by 1/2" carb-chl w 5% cse d py+3% spec		
BG11-130	**47.20**	**48.00**	**C3595**	**0.80**	**0.549**	**10% leuco; 3% cse d py; str flt imm foll by 0.2m hily bl'd, mody sil'd w 20% cse d py+ser'n**		
BG11-130	48.00	48.90	C3597	0.90	0.274	5% spec; 3% cse d py; v hily mag		
BG11-130	57.40	58.70	C3598	1.30	0.206	5% spec; 3% cse d py; v hily mag		
BG11-130	58.70	59.50	C3599	0.80	0.411	5% spec; 3% cse d py; v hily mag		
BG11-130	59.50	60.50	C3600	1.00	<.03	5% spec; 3% cse d py; v hily mag		
BG11-130	60.50	61.80	C4001	1.30	<.03	5% spec; 3% cse d py; v hily mag		
BG11-130	**67.85**	**68.75**	**C4002**	**0.90**	**0.891**	**hem'd wy@20 w 5% cse d py+25% q-ank vn's@120**		
BG11-130	69.90	70.60	C4003	0.70	0.137	BC w at least 1" q-ank vn w 10% cse d py+5% spec@70		
BG11-130	70.60	71.60	C4004	1.00	<.03			
BG11-130	71.60	72.50	C4005	0.90	0.411	1" q-ank vn w 20% cse d py+red mineral@40		
BG11-130	**72.50**	**73.20**	**C4006**	**0.70**	**0.960**	**1/4" q-ank vn w 30% cse d py+red mineral@10**		
BG11-130	**73.20**	**74.30**	**C4007**	**1.10**	**0.823**	**10% q-ank@50**		
BG11-130	74.30	74.90	C4008	0.60	1.372	30% q-ank@10-30 1/8"-1/2" some folded, one w 10% cse d py	1.509	1.234
BG11-130	74.90	75.60	C4009	0.70	1.303	20% q-ank@10-45 1/8"-1/2" w 2% cse d py	1.440	1.166

Hole_ID	From	To	Sample_#	Length	Au ppm	Description	Au ppm_ck	Au ppm-ck2
BG11-130	75.60	76.90	C4010	1.30	1.543	str flt brings in 70% cse py vn w 10-15% wt qv's+frag's-well min'd; ends abruptly@45 on chl flt-then hily shr'd q-ank-chl zone	1.646	1.440
BG11-130	**76.90**	**77.50**	**C4012**	**0.60**	**0.891**	**hily shr'd q-ank-chl zone @10-30 w 5% cse d py+chl clots**		
BG11-130	**77.50**	**78.20**	**C4014**	**0.70**	**9.566**	**0.15m 60% cse py @36 imm prec by tight chl flt**	**10.697**	**8.434**
BG11-130	78.20	79.00	C4015	0.80	1.337	hily shr'd q-ank-chl zone @10-30 w 5% cse d py+chl clots	1.371	1.303
BG11-130	79.00	80.00	C4016	1.00	1.612	0.4m Main Brk BC w at least 2" gouge imm prec by 0.2m hily shr'd 40% q-ank+ 15% chl +15% cse bleb+d py@32-40	1.714	1.509
BG11-130	80.00	81.15	C4017	1.15	<.03	10% q-ank; much fresher		
BG11-130	81.15	82.20	C4018	1.05	<.03			
BG11-130	84.20	84.90	C4019	0.70	0.069	1" q-ank vn w 30% cse d py@25		
BG11-130	84.90	85.60	C4020	0.70	0.069	1/4"-1/2" wt q-ank vn@13 w 2% cse d py		
BG11-130	85.60	86.60	C4021	1.00	<.03			
BG11-130	86.60	87.30	C4022	0.70	<.03	1" q-ank vn w 20% cse bleb py imm foll by flt		
BG11-130	89.35	90.70	C4023	1.35	<.03	flt ct imm foll by wy hem'd bx frag's		
BG11-130	92.80	93.90	C4024	1.10	<.03	v hily mag		
BG11-130	93.90	95.00	C4025	1.10	<.03	v hily mag		
BG11-130	102.30	103.00	C4026	0.70	<.03	5% cse d py; ser'd wy		
BG11-130	103.00	104.00	C4027	1.00	0.069	3% cse d py		
BG11-130	109.50	110.15	C4028	0.65	<.03			
BG11-130	**110.15**	**111.50**	**C4029**	**1.35**	**0.686**	**BC; slip w 10% q-ank-carb@30-60+ w 5% cse d py**		
BG11-130	111.50	112.40	C4030	0.90	<.03			
BG11-130	116.80	117.50	C4031	0.70	1.783	2* 1/8" 20% cse py vn's@28	1.509	2.057
BG11-130	117.50	118.95	C4032	1.45	0.411	last half sample: 10% q-ank-wy sil'd-5-7% cse d py-all@25-39		
BG11-130	118.95	119.60	C4034	0.65	0.480	15% q-ank@10		
BG11-130	119.60	120.20	C4035	0.60	1.234	BC; wy sil'd; hily bl'd; slip; 3-5% cse d py	1.097	1.371
BG11-130	120.20	121.70	C4036	1.50	<.03			
BG11-130	121.70	123.00	C4037	1.30	<.03	0.1m q-ank-carb vn@65 bullish		
BG11-130	123.00	124.05	C4038	1.05	<.03			
BG11-130	124.05	125.15	C4039	1.10	0.069	5% cse d py; wy bl'd; bx		
BG11-130	125.15	126.10	C4040	0.95	<.03	5% cse d py; wy bl'd; bx		
BG11-130	**126.10**	**127.20**	**C4041**	**1.10**	**0.960**	**8% cse d py; wy bl'd-hem'd; bx**		
BG11-130	**127.20**	**128.20**	**C4042**	**1.00**	**7.989**	**vuggy flt imm prec by 1.5" 60% cse py vn in chl imm prec by 0.0.1m wt bull qv@35; imm foll by 1/4"-3/4' dk gy 70% cse py vn in buff myl**	**8.572**	**7.406**
BG11-130	128.20	129.35	C4044	1.15	0.274	ser'd wy-freshens; 8% cse d py		
BG11-130	129.35	130.30	C4045	0.95	<.03	3% cse d py		
BG11-130	132.00	132.90	C4046	0.90	0.206	wy bl'd@45; 10% clots cse py		
BG11-130	144.35	145.20	C4047	0.85	<.03	slip ct?imm prec by 0.2m BC vuggy wy bl'd		
BG11-130	145.20	146.05	C4048	0.85	<.03	0.1m mody sil'd+bl'd w 15% cse d py		
BG11-130	154.95	156.20	C4049	1.25	0.137	fract's @5 w 40% cse py		
BG11-130	156.20	157.00	C4050	0.80	0.069	3% q-ank-carb vn's to 1/4" @45 w 10% cse d +vn py		
BG11-130	159.80	161.50	C4051	1.70	0.137			
BG11-130	161.50	161.20	C4052	-0.30	<.03	0.3m hily bl'd@70 posy on structure		
BG11-130	184.95	185.80	C4054	0.85	<.03	ct		
BG11-130	185.80	186.60	C4055	0.80	2.366	BC w mody bl'd+ chl fract's@5-20+ ser'n+10-15% cse d py	2.263	2.469
BG11-130	186.60	187.40	C4057	0.80	0.206	BC w mody bl'd+10 cse d py		
BG11-130	187.40	188.10	C4058	0.70	<.03			
BG11-130	188.10	189.20	C4059	1.10	<.03			
BG11-130	189.20	190.30	C4060	1.10	<.03	bl'd locy		
BG11-130	190.30	190.80	C4061	0.50	<.03	1/2" q-ank-chl vn w 10% cse d py @45		
BG11-130	190.80	191.70	C4062	0.90	<.03	0.1m 8% cse d py @45		
BG11-130	191.70	192.30	C4063	0.60	<.03	5-8% cse d py		
BG11-130	192.30	193.90	C4064	1.60	1.337	BC w 1/2" 60% cse py vn@20 imm foll by 0.05m dull wt qv	1.440	1.234

Hole_ID	From	To	Sample_#	Length	Au ppm	Description	Au ppm_ck	Au ppm-ck2
BG11-130	193.90	195.00	C4066	1.10	0.274	1/8" 50% cse py vn@10		
BG11-131	6.40	7.25	C3493	0.85	<.03	3/4" dull wt qv @37 w 8% spec/moly+3% cse d py+2% cp		
BG11-131	7.25	9.00	C3494	1.75	<.03			
BG11-131	9.00	10.50	C3495	1.50	<.03			
BG11-131	10.50	12.00	C3496	1.50	<.03			
BG11-131	12.00	13.50	C3497	1.50	<.03			
BG11-131	13.50	14.70	C3498	1.20	<.03			
BG11-131	14.70	15.30	C3499	0.60	<.03			
BG11-131	15.30	16.00	C3500	0.70	<.03			
BG11-131	**16.00**	**17.10**	**C3501**	**1.10**	**0.549**	**20% leuco; wy bl'd locy; @70; 10-15% cse d py**		
BG11-131	**17.10**	**17.75**	**C3502**	**0.65**	**0.754**	**first 0.5m 20% leuco @22+ends @45; wy bl'd; 10-15% cse d py**		
BG11-131	17.75	18.25	C3504	0.50	0.274	1" q-ank-chl in 0.1m 15% leuco@45 w 10% cse d py		
BG11-131	18.25	19.00	C3505	0.75	<.03			
BG11-131	19.00	20.00	C3506	1.00	<.03	1/4" pa gy qv @23 w 5% cse d py		
BG11-131	20.00	21.00	C3507	1.00	<.03			
BG11-131	21.00	21.85	C3508	0.85	<.03			
BG11-131	21.85	22.50	C3509	0.65	0.137	0.1m q-ank med gy vn in 0.2m 10% leuco@47 w 3% cse d py		
BG11-131	22.50	24.00	C3510	1.50	<.03			
BG11-131	24.00	25.50	C3511	1.50	0.411	0.1m bull q-ank vn@45		
BG11-131	25.50	27.00	C3513	1.50	<.03	0.05m bull q-ank vn@65		
BG11-131	27.00	28.50	C3514	1.50	<.03			
BG11-131	28.50	30.00	C3515	1.50	<.03			
BG11-131	30.00	31.50	C3516	1.50	<.03			
BG11-131	31.50	33.00	C3517	1.50	<.03			
BG11-131	33.00	33.70	C3518	0.70	<.03			
BG11-131	33.70	34.35	C3519	0.65	<.03	3/4" med gy-pur q-ank-spec vn@30 imm foll by 1/8" dk gy qv w 3% cse d py		
BG11-131	**34.35**	**35.00**	**C3520**	**0.65**	**0.754**	**20% leuco in hily bl'd mody sil'd w 15-30% cse d py centred on flt in BC -strong; zone @140 relative to flt**		
BG11-131	35.00	35.75	C3521	0.75	1.852	20% leuco in hily bl'd mody sil'd w 15-30% cse d py; chl-ank 1/4" vn @10; zone@60	1.783	1.920
BG11-131	35.75	36.60	C3523	0.85	0.206			
BG11-131	36.60	37.50	C3524	0.90	<.03			
BG11-131	37.50	39.00	C3525	1.50	<.03			
BG11-131	39.00	40.60	C3526	1.60	<.03			
BG11-131	43.10	44.00	C3527	0.90	<.03	0.1m dull wt qv w 10% chl+10% epi+20% cp blebs to 1/2" + 8% cse d +vn py@50 in BC		
BG11-131	55.00	55.65	C3528	0.65	<.03	0.1m 10% leuco@60		
BG11-131	57.05	57.70	C3529	0.65	0.069	1/8" pa gy qv in 1" 15% cse d py@60		
BG11-131	62.60	63.70	C3530	1.10	<.03	2-3% cse d py+ 3% spec along fract's		
BG11-131	63.70	64.45	C3531	0.75	<.03	3-5% cse d py+ 3% spec along fract's		
BG11-131	64.45	65.80	C3533	1.35	<.03	3-5% cse d py+ 3% spec along fract's		
BG11-131	65.80	67.20	C3534	1.40	<.03	2-3% cse d py+ 3% spec along fract's		
BG11-131	67.20	68.45	C3535	1.25	<.03	1% cse d py+ 3% spec along fract's		
BG11-131	68.45	69.70	C3536	1.25	<.03	1-2% cse d py+ 3% spec along fract's		
BG11-131	69.70	70.70	C3537	1.00	<.03			
BG11-131	70.70	71.40	C3538	0.70	<.03	1" blk chl vn/bx in 0.1m hily bl'd w 10% ank@45		
BG11-131	71.40	72.70	C3564	1.30	<.03			
BG11-131	72.70	73.90	C3539	1.20	<.03			
BG11-131	73.90	75.00	C3540	1.10	<.03			
BG11-131	75.00	76.20	C3541	1.20	<.03	1-2% cse d py+ 3% spec along fract's		
BG11-131	76.20	77.15	C3542	0.95	<.03	1% cse d py+ 3% spec along fract's		
BG11-131	77.15	78.00	C3543	0.85	<.03	0.1m blk chl vn/bx in 0.1m hily bl'd w 10% ank@45		
BG11-131	78.00	79.30	C3544	1.30	<.03	flt imm foll by 1/2" pkish ank-carb imm prec by 1/8"-1/2" 70% cse py vn@30		
BG11-131	**79.30**	**80.40**	**C3545**	**1.10**	**0.686**	**0.7m mody hem'd-almost sy; w 1/8" 60% cse py vn@22**		

Hole_ID	From	To	Sample_#	Length	Au ppm	Description	Au ppm_ck	Au ppm-ck2
BG11-131	80.40	81.70	C3546	1.30	0.343			
BG11-131	81.70	82.70	C3547	1.00	0.069			
BG11-131	82.70	83.50	C3548	0.80	0.480	1/2" 80% cse py vn@47 imm foll by 0.05m hily bl'd w 30% carb pk		
BG11-131	83.50	84.90	C3549	1.40	0.411			
BG11-131	**84.90**	**86.50**	**C3550**	**1.60**	**0.960**	**1/8" bleb cp**		
BG11-131	86.50	87.50	C3552	1.00	0.343			
BG11-131	**87.50**	**88.55**	**C3553**	**1.05**	**0.823**	**massive q-ank vn@32 w 5% clots 80% cse py up to 1";**		
BG11-131	88.55	89.20	C3555	0.65	0.480	massive q-ank vn@32 w 2% clots 80% cse py; str flt ends q-ank		
BG11-131	**89.20**	**90.30**	**C3556**	**1.10**	**0.891**	**flt in BC; hily shr'd chl-pk carb-qank folded w fract's on axes**		
BG11-131	90.30	91.50	C3557	1.20	0.206	fresher 25% q-ank vn's to 1/4"@40 in chlc		
BG11-131	**91.50**	**92.30**	**C3558**	**0.80**	**0.754**	**hily shr'd chl-pk carb-qank folded w fract's on axes**		
BG11-131	**92.30**	**93.10**	**C3559**	**0.80**	**5.486**	**0.1m q-ank @39 imm prec by 1/2" 80% cse py vn imm foll by 70% cse py vn-massive@23-27 w 10% q-ank+ w 10% hem'd wallrock frag's**	**5.349**	**5.623**
BG11-131	93.10	94.70	C3561	1.60	<.03	all BC w zones up to 1/2" gouge+ w bone wt chty q-ank w 2% f d py+20% cse py on core end fract's		
BG11-131	94.70	96.10	C3562	1.40	<.03	abruptly fresh; dk gn chlc w wk ser		
BG11-131	96.10	97.10	C3563	1.00	<.03			
BG11-131	110.90	112.20	C3565	1.30	<.03	3% cse d py		
BG11-131	114.00	115.00	C3566	1.00	<.03	3% cse d py		
BG11-131	115.00	115.80	C3567	0.80	0.137	5-8% cse d py @10-20 assd w q-ank-carb; 0.1m wy bl'd@70 w 8% cse d py locy conc		
BG11-131	115.80	116.50	C3568	0.70	<.03			
BG11-131	120.05	120.60	C3569	0.55	<.03			
BG11-131	120.60	121.20	C3570	0.60	<.03	mody-hily bl'd, wy sil'd@35+70 w 30% cse d +vn py		
BG11-131	121.20	122.00	C3572	0.80	<.03			
BG11-131	128.50	129.30	C3574	0.80	<.03	0.05m chlc+20% q-ank@22 w 8% cse d py		
BG11-131	132.20	133.50	C3575	1.30	<.03	v hily mag; 15% cse py on 3% fract's		
BG11-132	4.00	5.00	C4541	1.00	<.03			
BG11-132	5.00	6.00	C4542	1.00	<.03			
BG11-132	6.00	7.50	C4543	1.50	<.03			
BG11-132	7.50	9.00	C4544	1.50	<.03	wk 1/2" shr imm prec by 1/8" sil+q-ank-no py		
BG11-132	9.00	10.20	C4545	1.20	0.069			
BG11-132	10.20	11.15	C4546	0.95	<.03	0.5m ser; wy bl'd; @45		
BG11-132	11.15	12.00	C4547	0.85	<.03			
BG11-132	12.00	13.50	C4548	1.50	<.03	1" bull q-ank vn w 2% cp@35		
BG11-132	13.50	15.00	C4549	1.50	<.03			
BG11-132	15.00	16.50	C4550	1.50	0.137			
BG11-132	16.50	18.00	C4551	1.50	0.069			
BG11-132	18.00	19.20	C4552	1.20	<.03			
BG11-132	19.20	19.90	C4553	0.70	<.03			
BG11-132	**19.90**	**20.85**	**C4554**	**0.95**	**0.823**	**BC; at least 1" 70% cse py vn@24 imm prec by BC w 20% q-ank+5%spec**		
BG11-132	20.85	21.95	C4556	1.10	<.03			
BG11-132	21.95	22.60	C4557	0.65	0.206	1/8" q-ank vn w 20% cp blebs@44		
BG11-132	22.60	24.00	C4558	1.40	0.069	0.1m 50% epi vn@30		
BG11-132	24.00	25.35	C4559	1.35	<.03			
BG11-132	25.35	26.20	C4560	0.85	0.069	1/2" 20% cse py vn@37		
BG11-132	26.20	27.00	C4562	0.80	0.069	1/8" magn vn's@35		
BG11-132	27.00	28.50	C4563	1.50	<.03			
BG11-132	28.50	30.00	C4564	1.50	<.03			
BG11-132	30.00	31.50	C4565	1.50	<.03			
BG11-132	31.50	33.00	C4566	1.50	<.03			
BG11-132	33.00	34.50	C4567	1.50	<.03	1" epi vn@25 w 10% spec+10% ank		
BG11-132	34.50	36.00	C4568	1.50	<.03			
BG11-132	36.00	37.50	C4569	1.50	<.03			

Hole_ID	From	To	Sample_#	Length	Au ppm	Description	Au ppm_ck	Au ppm-ck2
BG11-132	**37.50**	**39.00**	**C4570**	**1.50**	**0.549**			
BG11-132	39.00	40.50	C4571	1.50	0.411	0.1m epi vn@75		
BG11-132	40.50	42.00	C4572	1.50	0.069			
BG11-132	42.00	43.50	C4573	1.50	<.03	0.1m epi vn@70		
BG11-132	43.50	45.00	C4574	1.50	<.03			
BG11-132	45.00	46.50	C4575	1.50	<.03			
BG11-132	46.50	48.00	C4576	1.50	1.132		1.234	1.029
BG11-132	48.00	49.50	C4577	1.50	<.03			
BG11-132	49.50	50.05	C4578	0.55	0.137			
BG11-132	50.05	51.00	C4579	0.95	<.03	0.3m q-ank vn w 2% cse bleb py@65-bullish		
BG11-132	51.00	52.50	C4580	1.50	<.03			
BG11-132	52.50	54.00	C4581	1.50	<.03			
BG11-132	54.00	55.50	C4582	1.50	<.03			
BG11-132	55.50	56.15	C4583	0.65	<.03	0.2m wy bl'd@70 w 2% cse d py		
BG11-132	56.15	57.00	C4584	0.85	<.03			
BG11-132	57.00	58.50	C4586	1.50	<.03	1" 10% spec+20% epi+5% cse d py@30		
BG11-132	58.50	60.00	C4587	1.50	<.03			
BG11-132	60.00	61.50	C4588	1.50	<.03			
BG11-132	61.50	63.00	C4589	1.50	<.03			
BG11-132	63.00	64.50	C4590	1.50	<.03			
BG11-132	64.50	65.40	C4591	0.90	0.069			
BG11-132	65.40	66.00	C4592	0.60	<.03	1/2"ser-chl @45 w 3% cse d py		
BG11-132	66.00	67.50	C4593	1.50	<.03			
BG11-132	67.50	68.15	C4594	0.65	<.03	1/4" 70% cse py vn@75		
BG11-132	68.15	69.00	C4596	0.85	<.03	ct; chilled zone; chl'c		
BG11-132	69.00	70.50	C4597	1.50	<.03	chl'c w 3% q-ank@30+rare cse d py+ wk ser		
BG11-132	70.50	72.00	C4598	1.50	<.03	chl'c w 3% q-ank@30+rare cse d py+ wk ser		
BG11-132	79.40	80.80	C4599	1.40	<.03	chl'c w 3% q-ank@30+rare cse d py+ wk ser		
BG11-132	80.80	81.90	C4600	1.10	<.03	chl'c w 3% q-ank@30+rare cse d py+ wk ser		
BG11-132	81.90	83.60	C05501	1.70	<.03	chl'c w 3% q-ank@30+rare cse d py+ wk ser		
BG11-132	87.00	88.50	C05502	1.50	<.03	chl'c w 3% q-ank@30+rare cse d py+ wk ser		
BG11-132	88.50	90.00	C05503	1.50	<.03	chl'c w 3% q-ank@30+rare cse d py+ wk ser		
BG11-132	90.00	91.50	C05504	1.50	<.03	chl'c w 3% q-ank@30+rare cse d py+ wk ser		
BG11-132	97.40	98.40	C05505	1.00	<.03			
BG11-132	**98.40**	**99.00**	**C05506**	**0.60**	**0.960**	**ct; wy sil'd, wk bl'd; 10% cse+f d py; 2* 1/8" chl-sil vn's w 10% f d py@22**		
BG11-132	99.00	99.90	C05507	0.90	0.206	5% pk carb vn's@45		
BG11-132	99.90	100.50	C05508	0.60	0.069	0.4m br-reddish wy sil'd @70		
BG11-132	100.50	101.40	C05510	0.90	0.137	1/2" 30% cp in vn@35 brings in wy sil'd; 1/2" chl vn w 5% cse d py@30		
BG11-132	**101.40**	**102.35**	**C05512**	**0.95**	**0.617**	**5% q-ank vn's@30**		
BG11-132	102.35	103.00	C05513	0.65	1.029	hily bl'd; wy sil'd ; 1/2" 50% cse py vn@45; 3/4"chl-ank-30% cse py vn@62	1.097	0.960
BG11-132	103.00	103.85	C05514	0.85	0.069	5% q-ank		
BG11-132	103.85	104.35	C05515	0.50	0.206	1/4" chl vn w 25% cse d py@22 w 1/8" med gy qv		
BG11-132	104.35	105.40	C05516	1.05	0.069	5% q-ank		
BG11-132	**105.40**	**106.90**	**C05517**	**1.50**	**0.617**	**hily sil'd+bl'd centred on 1/8" q-ank-30% cse py vn @22**		
BG11-132	106.90	108.50	C05518	1.60	<.03			
BG11-132	108.50	109.25	C05519	0.75	2.880	gn-buff ct @55; 1/4"-1" q-ank vn w 35% cse d py@30; buff is hily bl'd+sil'd	2.743	3.017
BG11-132	109.25	109.95	C05520	0.70	0.069			
BG11-132	109.95	110.75	C05521	0.80	1.406	1" pa gy sil bx w 30% cse py imm foll by 0.1m buff-orange hily bl'd+sil'd imm foll by 0.4m dk-pa gn chl'c zone w 10% ank+30% cse py imm foll by flt imm foll by 1/2" pa gy sil bx w 20% cse py	1.509	1.303
BG11-132	110.75	111.90	C05523	1.15	<.03	flt in 1" hily bl'd		
BG11-132	111.90	113.30	C05524	1.40	<.03			
BG11-132	113.30	114.70	C05525	1.40	<.03			

Hole_ID	From	To	Sample_#	Length	Au ppm	Description	Au ppm_ck	Au ppm-ck2
BG11-132	114.70	116.20	C05526	1.50	<.03			
BG11-132	**116.20**	**117.05**	**C05527**	**0.85**	**7.063**	**hily sil'd+bl'd; 30% q-ank @30-50 to 0.1m w 30% 1/2"-3/4" 70% cse py vn's @20-25 truncated by ank; 2% cp poss w tell+v fine V.G.**	**5.143**	**8.983**
BG11-132	117.05	117.75	C05529	0.70	0.274	15% q-ank; hily sil'd+bl'd; 5% cse d py		
BG11-132	117.75	118.80	C05530	1.05	<.03	hily bl'd; 10% clots cse py		
BG11-132	118.80	119.45	C05531	0.65	0.206	1"+1/2" 60% cse py vn's@40+28;2* flt w 1/4" chl are str w tight gouge		
BG11-132	119.45	120.40	C05532	0.95	<.03	v str flt's but ltd py		
BG11-132	120.40	121.20	C05533	0.80	1.063	50% q-ank to 0.1m@45-50; 30% cse py vn's@45	1.234	0.891
BG11-132	121.20	122.30	C05535	1.10	3.395	30% q-ank@45-60; 30% cse py vn's@45	3.429	3.360
BG11-132	122.30	123.00	C05536	0.70	1.337	15% q-ank bx in chl shr; 20% cse py	1.440	1.234
BG11-132	123.00	124.00	C05538	1.00	0.411	0.2m clay gouge imm prec by chl-sil-ank bx shr imm foll by 0.1m hily shr'd not bl'd dio w chl-ser, then freshening quickly		
BG11-132	124.00	125.30	C05539	1.30	<.03			
BG11-132	125.30	126.50	C05540	1.20	<.03			
BG11-132	126.50	127.25	C05541	0.75	0.069	flt in 0.2m 20% leuco w 1/4"70% cse py vn@24		
BG11-132	132.80	133.45	C05542	0.65	<.03	0.1m hily bl'd mody sil'd imm foll by 1/2" milk wt qv w 20% cse d py@37-then posy flt		
BG11-132	136.10	137.50	C05543	1.40	<.03	3-5% cse d py		
BG11-132	143.75	145.20	C05544	1.45	<.03	3-5% cse d py		
BG11-132	145.20	147.00	C05545	1.80	<.03	3-5% cse d py		
BG11-132	147.00	148.15	C05546	1.15	<.03	1st 0.3m 3-5% cse d py-then 1%		
BG11-132	155.60	156.80	C05547	1.20	<.03	last 0.2m 3-5% cse d py- 1% before		
BG11-132	156.80	157.70	C05548	0.90	<.03	2% cse d py; 1/4" bull q-ank pa gy vn@45 in 1/2" orange hily bl'd		
BG11-132	157.70	159.10	C05549	1.40	<.03	3-5% cse d py centred on 0.1m BC w chl@60		
BG11-132	159.10	160.30	C05550	1.20	<.03	1% cse d py		
BG11-132	160.30	161.00	C05551	0.70	0.411	3-5% cse d py centred on 1/2" q-ank-chl@30 imm prec by 0.2m mody bl'd		
BG11-133	4.00	4.55	C4460	0.55	<.03	1" 50% cse py vn @70 imm foll by 1" 20% leuco; sample may be boulders; all GC+BC		
BG11-133	4.55	5.55	C4461	1.00	<.03			
BG11-133	5.55	6.30	C4462	0.75	<.03	0.05m hily bl'd w 20% cse vn+d py@68		
BG11-133	**6.30**	**7.30**	**C4464**	**1.00**	**0.823**	**1/4" 30% cse py vn@27;**		
BG11-133	7.30	8.20	C4465	0.90	<.03	first 0.2m BC w wy bl'd +5% cse d py		
BG11-133	8.20	9.00	C4466	0.80	<.03			
BG11-133	9.00	10.00	C4467	1.00	<.03			
BG11-133	10.00	11.10	C4468	1.10	<.03			
BG11-133	11.10	11.80	C4469	0.70	<.03	flt imm foll by 0.1m BC w 1" bull q-ank vn		
BG11-133	11.80	13.15	C4470	1.35	<.03	5% leuco		
BG11-133	13.15	14.70	C4471	1.55	<.03	3% cse d py@27		
BG11-133	14.70	16.10	C4472	1.40	<.03	5% leuco		
BG11-133	17.65	18.15	C4474	0.50	0.137	1/2" bull pa gy qv w 1/4" py cse clots@68		
BG11-133	29.60	30.25	C4475	0.65	<.03	0.1m bull q-ank-chl vn w 1/4" cp bleb-@76		
BG11-133	38.20	39.40	C4476	1.20	<.03	10% epi@55		
BG11-133	51.80	52.50	C4477	0.70	<.03	1/2" pa gy qv is bullish@62; 0.1m q-ank bull vn @ct@63		
BG11-133	61.25	62.70	C4478	1.45	<.03	flt brings in wy bl'd, hily chl'c BP w 8% q-ank@35+chl fract's @5-35		
BG11-133	62.70	63.80	C4479	1.10	<.03	wy bl'd, hily chl'c BP w 8% q-ank@35+chl fract's @5-35		
BG11-133	83.25	84.65	C4480	1.40	<.03			
BG11-133	84.65	85.70	C4481	1.05	<.03	mody bl'd @55; chl fract's+10% q-ank		
BG11-133	85.70	87.10	C4482	1.40	<.03			
BG11-133	96.00	96.65	C4483	0.65	<.03			
BG11-133	96.65	97.30	C4484	0.65	<.03	1"bull q-ank vn in chl'd 0.3m@47 posy on tight slip		
BG11-133	97.30	98.80	C4485	1.50	<.03	0.4m wy bl'd chl'd@66 centred on slip		
BG11-133	98.80	99.70	C4486	0.90	<.03	2* 1/2" dull wt bull qv's@46 in chl'd		
BG11-133	101.65	103.10	C4487	1.45	<.03	wy bl'd		
BG11-133	104.55	105.55	C4488	1.00	<.03	3/4" bull pa gy q-ank vn@35		

Hole_ID	From	To	Sample_#	Length	Au ppm	Description	Au ppm_ck	Au ppm-ck2
BG11-133	105.55	106.90	C4489	1.35	<.03			
BG11-133	106.90	108.00	C4490	1.10	<.03			
BG11-133	108.00	109.05	C4491	1.05	<.03	0.1m q-ank vn@50		
BG11-133	109.05	110.20	C4492	1.15	<.03			
BG11-133	110.20	111.00	C4494	0.80	<.03			
BG11-133	111.00	112.50	C4495	1.50	<.03			
BG11-133	112.50	114.00	C4496	1.50	<.03	wy bl'd; 3% cse d py		
BG11-133	114.00	115.50	C4497	1.50	<.03	0.15m hem'd brick red does not cross core w 8% cse d py		
BG11-133	115.50	116.55	C4498	1.05	<.03	1" hily hem'd w 20% q-ank+ w 5% cse d py@51		
BG11-133	116.55	117.20	C4499	0.65	<.03	1" hily hem'd w 10% cse d py imm prec by tight chl-q-ank flt; 1"w 20% cse d py @47		
BG11-133	117.20	118.50	C4501	1.30	<.03			
BG11-133	118.50	120.00	C4502	1.50	<.03			
BG11-133	120.00	121.20	C4503	1.20	<.03			
BG11-133	**121.20**	**122.25**	**C4504**	**1.05**	**0.823**			
BG11-133	**122.25**	**123.25**	**C4505**	**1.00**	**0.617**	**flt w posy 1/8" gouge imm foll by another flatter flt that is imm foll by at least 1"50% cse py vn+20% chl sil bx frag's@17 imm foll by1" pa gy q-ank-carb w 50% well- rounded bx frag's to 1"(20% are sil-chl)+15% cse d py@10**		
BG11-133	123.25	124.05	C4507	0.80	0.206	first 0.2m 1" pa gy q-ank-carb w 50% well- rounded bx frag's to 1"(5% are sil-chl)+5% cse d py@10		
BG11-133	124.05	124.85	C4508	0.80	0.069			
BG11-133	124.85	125.85	C4509	1.00	<.03			
BG11-133	125.85	127.50	C4510	1.65	<.03			
BG11-133	127.50	129.00	C4511	1.50	0.274			
BG11-133	129.00	130.50	C4512	1.50	<.03			
BG11-133	130.50	132.00	C4514	1.50	0.206	inc'g bl'd w 5% q-ank		
BG11-133	132.00	132.90	C4515	0.90	<.03	inc'g bl'd w 5% q-ank; 1/4" 60% cse py vn@14		
BG11-133	132.90	133.50	C4516	0.60	0.480	hily bl'd w 10% q-ank+ 3% cse d py locy conc-all@34		
BG11-133	133.50	134.40	C4517	0.90	0.274	hily bl'd w 10% q-ank+ 10% cse d+vn py locy conc-all@34; 1/8" 50% cse py vn@18 truncates another @130		
BG11-133	134.40	135.95	C4518	1.55	0.206	mody bl'd locy w 5% q-ank		
BG11-133	135.95	137.05	C4519	1.10	0.069	mody bl'd locy w 5% q-ank; 5% cse d py locy conc		
BG11-133	137.05	137.60	C4521	0.55	0.343	mody bl'd locy w 5% q-ank		
BG11-133	137.60	138.20	C4522	0.60	<.03	hily chlc-ser'd shr-part of MAIN BRK-ctual is 1" gouge ending shr		
BG11-133	138.20	139.40	C4523	1.20	<.03	chl'd; 1/8" 40% cse py vn@60		
BG11-133	139.40	140.80	C4524	1.40	<.03			
BG11-133	141.95	142.90	C4525	0.95	<.03	dyke		
BG11-133	144.70	145.90	C4526	1.20	<.03			
BG11-133	145.90	146.60	C4527	0.70	<.03			
BG11-133	146.60	147.35	C4528	0.75	<.03	flt imm prec by 0.1m q-ank pk carb vn@27 w 15% f+cse d py+ 3% cp+20% med gy qtz frag's		
BG11-133	147.35	148.60	C4529	1.25	<.03			
BG11-133	151.85	152.85	C4530	1.00	<.03	2* 1/2" dull wt q-ank vn's w 10% hily hem'd wallrock frag's@76+30 w 2% cse d py		
BG11-133	156.00	156.85	C4531	0.85	<.03	1" wy hem'd w 3% cse d py@45		
BG11-133	161.45	162.30	C4532	0.85	<.03	2" wy hem'd w 3% cse d py@45		
BG11-133	165.10	166.55	C4533	1.45	<.03	wy hem'd locy; 1" w 3% cse d py@64 on tight flt		
BG11-133	166.55	168.00	C4534	1.45	<.03	wy hem'd; locy ser'd; 3% cse d py locy conc		
BG11-133	168.00	169.45	C4535	1.45	<.03	wy hem'd		
BG11-133	176.90	177.90	C4537	1.00	<.03	wy sil zones @70 primary w no py		
BG11-133	185.00	185.65	C4538	0.65	<.03	locy wy hem'd centred on q-ank@65		
BG11-133	187.50	188.10	C4539	0.60	<.03	3% cse d py locy conc		
BG11-133	191.20	192.10	C4540	0.90	<.03	0.05m 3% cse d py@45		
BG11-134	25.00	26.00	C4116	1.00	<.03			
BG11-134	26.00	27.05	C4117	1.05	<.03	BC; lim'd; locy hily bl'd w 5% cse d py		
BG11-134	27.05	27.95	C4118	0.90	0.206	0.05m w 20% cse py vn in q-carb@55 foll by bl'd bx frag's		

Hole_ID	From	To	Sample_#	Length	Au ppm	Description	Au ppm_ck	Au ppm-ck2
BG11-134	27.95	29.40	C4119	1.45	<.03	str gouge flt-wallrock is ser'd+chl'd; 5% pk carb vn's@63		
BG11-134	29.40	30.75	C4120	1.35	<.03	5% pk carb vn's@63; inc'gly bl'd downhole; por		
BG11-134	30.75	32.30	C4121	1.55	<.03			
BG11-134	32.30	33.35	C4122	1.05	<.03			
BG11-134	33.35	34.20	C4123	0.85	<.03			
BG11-134	34.20	34.90	C4124	0.70	<.03	tight flt imm foll by 0.15m pk carb		
BG11-134	34.90	36.00	C4125	1.10	<.03			
BG11-134	36.00	37.00	C4126	1.00	0.206	0.15m pkish bull q-ank vn imm prec by flt imm foll by ser-chl-carb hily bl'd wy sil'd w 5-6% cse d py+1% cp to 36.85		
BG11-134	37.00	38.10	C4127	1.10	<.03	locy wy hem'd		
BG11-134	38.10	38.95	C4128	0.85	0.274	0.2m hily hem'd w 3% cp assd w q-ank-all@42		
BG11-134	**38.95**	**39.90**	**C4129**	**0.95**	**0.960**	**MAIN BRK-cr'd chl-ank hily bl'd BC w no gouge (washed out?) imm foll by 0.1m chl shr imm foll by 0.1m BC imm foll by 0.05m med gy qv's w 40% cse py vn's+20% ank@43**		
BG11-134	**39.90**	**40.60**	**C4131**	**0.70**	**0.686**	**20% leuco in hily bl'd w 5% q-ank; 1/4" 50% cse py vn@20**		
BG11-134	**40.60**	**41.80**	**C4132**	**1.20**	**0.549**	**10% leuco**		
BG11-134	41.80	42.95	C4133	1.15	1.063		1.029	1.097
BG11-134	42.95	43.95	C4134	1.00	0.343	0.1m mody bl'd w 10% q-ank+10% cse d +vn py+ 15% med gy qtz frag's-all@65		
BG11-134	43.95	45.20	C4136	1.25	<.03			
BG11-134	49.95	50.70	C4137	0.75	<.03	locy bl'd pa gn ser'd assd w q-ank@20-28		
BG11-134	53.90	54.80	C4138	0.90	<.03	0.1m wy sil'd w 5% cse d py@47		
BG11-134	57.65	58.40	C4139	0.75	<.03			
BG11-134	**58.40**	**59.30**	**C4140**	**0.90**	**0.960**	**3/4" 70% cse py vn imm foll by flt-vuggy-@15**		
BG11-134	59.30	60.00	C4142	0.70	<.03			
BG11-134	66.00	67.10	C4143	1.10	<.03			
BG11-134	67.10	67.70	C4144	0.60	<.03	ser'd centred on 0.1m 30% q-ank w 10% cse d +vn py+ser-chl in med gy qtz-carb-all@70 imm foll by tight flt		
BG11-134	67.70	68.90	C4145	1.20	<.03			
BG11-134	**71.70**	**72.90**	**C4146**	**1.20**	**0.617**	**hily bl'd to bone wt almost w 10% cse d py @30; one 1" cse bleb py**		
BG11-134	77.10	77.80	C4147	0.70	<.03	1/4" 30% cse py vn@37		
BG11-134	82.75	83.40	C4148	0.65	0.343	wy bl'd centred on 1/4" med gy q-carb vn w 30% cse d py@63		
BG11-134	83.40	84.60	C4149	1.20	0.343	wy bl'd; 3% cse d py		
BG11-134	84.60	85.60	C4150	1.00	0.480	wy bl'd; 3% cse d py; BC		
BG11-134	85.60	86.95	C4151	1.35	1.474	mody bl'd; 5% cse d py	1.371	1.577
BG11-134	86.95	87.90	C4152	0.95	1.646	hily bl'd; 10% cse d py; @37	1.509	1.783
BG11-134	87.90	88.65	C4154	0.75	0.206	fresher		
BG11-134	88.65	89.50	C4155	0.85	0.274	mody bl'd; 5% cse d py		
BG11-134	**89.50**	**90.40**	**C4157**	**0.90**	**0.960**	**hily bl'd; 10% cse d+clot py; @50; BC**		
BG11-134	90.40	91.25	C4158	0.85	0.343	hily bl'd; 10% cse d+clot py; @55		
BG11-134	91.25	92.00	C4159	0.75	<.03	ct		
BG11-134	92.00	92.70	C4169	0.70	0.411	1" epi vn w 20% cse d py@39		
BG11-134	92.70	93.90	C4170	1.20	<.03			
BG11-134	93.90	95.00	C4171	1.10	<.03	flt-little affect on wallrock -gouge		
BG11-134	95.00	95.95	C4172	0.95	<.03			
BG11-134	95.95	96.50	C4173	0.55	0.274	1/2" dk gy chl-sil vn@51 w 10% cse-f d py		
BG11-134	96.50	97.90	C4174	1.40	<.03			
BG11-134	97.90	99.00	C4160	1.10	<.03			
BG11-134	**99.00**	**99.75**	**C4161**	**0.75**	**5.280**	**1/2" 30% cse py vn@41; 1/4" 40% cse py vn imm foll by hem'd ser'd wy bl'd @49**	**5.280**	**5.280**
BG11-134	99.75	100.50	C4163	0.75	<.03			
BG11-134	115.90	116.70	C4164	0.80	<.03			
BG11-134	116.70	117.75	C4165	1.05	0.480	1" 50% cse py vn@28@ct		
BG11-134	117.75	118.50	C4167	0.75	<.03			
BG11-134	120.80	121.85	C4168	1.05	<.03	0.05m 50% q-ank-chl@80 w 3% cse d py; 1" bl'd mody@51 w 5% cse d py+chl+wy sil'd		

Hole_ID	From	To	Sample_#	Length	Au ppm	Description	Au ppm_ck	Au ppm-ck2
BG11-134	121.85	122.45	C4176	0.60	0.206	0.1m wy sil'd+bl'd w 5% cse d py@57		
BG11-134	122.45	123.45	C4177	1.00	0.274			
BG11-134	128.05	128.70	C4178	0.65	<.03	ct		
BG11-134	138.40	139.50	C4179	1.10	<.03	5% cse d py		
BG11-134	151.00	152.10	C4180	1.10	<.03	dio bx inlier w 5% epi+3% cse d py		
BG11-134	157.20	158.30	C4181	1.10	<.03	3% cse d py		
BG11-134	158.30	159.65	C4182	1.35	<.03	3% cse d py		
BG11-134	159.65	161.05	C4183	1.40	<.03	0.1m hily bl'd ser'd@75 w 5% cse d py		
BG11-134	161.05	162.15	C4184	1.10	<.03	3% cse d py		
BG11-134	162.15	163.25	C4185	1.10	0.411	1" 50% cse py vn@		
BG11-134	163.25	164.60	C4186	1.35	<.03	3% cse d py		
BG11-135	19.60	20.05	C4187	0.45	<.03			
BG11-135	20.05	21.40	C4188	1.35	<.03			
BG11-135	21.40	22.55	C4189	1.15	<.03			
BG11-135	22.55	23.20	C4190	0.65	<.03	hily bl'd becomes wy sil'd downhole@55 w 6% cse d py+ser'n		
BG11-135	24.00	24.60	C4191	0.60	<.03	2* 1/2" med-dk gy qv's w ank-ser-chl shr's @44 w25% cse+f d py; v hily bl'd; BC		
BG11-135	24.60	26.00	C4193	1.40	0.480	wy bl'd@30 w 3% cse d py		
BG11-135	26.00	26.80	C4194	0.80	<.03			
BG11-135	26.80	28.30	C4196	1.50	<.03			
BG11-135	28.30	29.70	C4197	1.40	<.03			
BG11-135	29.70	31.05	C4198	1.35	<.03	1" med gy spec-ank-sil vn@80 w 3% cse d py imm foll by 0.05m 35% cse py clots w 5% cp		
BG11-135	31.05	32.50	C4199	1.45	<.03			
BG11-135	32.50	33.80	C4200	1.30	0.411	wy bl'd w 5% cse d py		
BG11-135	33.80	35.05	C4201	1.25	0.137	5% q-ank vn's w 3-5% cse d py; 1/8" 40% cse py vn@45		
BG11-135	35.05	36.00	C4202	0.95	0.137	5% q-ank vn's w 3-5% cse d py; inlier por w 10% cse d py is wy shr'd+wy sil'd		
BG11-135	36.00	36.90	C4203	0.90	0.343	inlier por w 10% cse d py is wy shr'd+wy sil'd; 0.1m dull wt +med gy qv zone w 10% cse d py@61		
BG11-135	36.90	37.75	C4204	0.85	<.03			
BG11-135	37.75	39.00	C4205	1.25	<.03			
BG11-135	39.00	40.20	C4206	1.20	<.03			
BG11-135	40.20	40.70	C4207	0.50	<.03	slip ct is hem'd 1/4"		
BG11-135	40.70	41.75	C4208	1.05	<.03			
BG11-135	41.75	43.00	C4209	1.25	<.03			
BG11-135	43.00	44.30	C4210	1.30	<.03	1" med gy spec-ank-sil vn@40 w 3% cse d py		
BG11-135	44.30	45.45	C4211	1.15	<.03	1" med gy spec-ank-sil vn@40 w 3% cse d py		
BG11-135	45.45	46.55	C4212	1.10	<.03			
BG11-135	46.55	47.10	C4213	0.55	<.03	1" dull wt qv w 5% spec+30% cse d +clot py-@62; 1" q-ank-chl w 20% cse d py@45 imm foll by flt		
BG11-135	**47.10**	**47.75**	**C4215**	**0.65**	**0.686**			
BG11-135	47.75	48.80	C4216	1.05	<.03			
BG11-135	52.00	52.60	C4218	0.60	<.03	3% pk carb		
BG11-135	**52.60**	**53.30**	**C4219**	**0.70**	**0.891**	**5% pk carb**		
BG11-135	**53.30**	**54.00**	**C4220**	**0.70**	**0.823**	**0.1m BC w 1" MAIN BRK gouge imm prec by 0.2m cr'd shr'd chlc imm foll by hem'n**		
BG11-135	54.00	55.20	C4221	1.20	<.03	0.3m hily hem'd w 5% cse d py+5% ank frag's; then chl-ser-ank shr w 5-8% cse d py		
BG11-135	55.20	56.50	C4222	1.30	<.03	chl-ser w 1-3% cse d py		
BG11-135	56.50	57.30	C4223	0.80	2.469	0.2m chl-ser-ank w 25% cse d py@47 folding to 18 imm prec by 0.2m 50% q-ank+ser-chl	2.674	2.263
BG11-135	**57.30**	**58.35**	**C4224**	**1.05**	**0.891**	**fresher; 20% q-ank**		
BG11-135	58.35	59.00	C4225	0.65	1.989	up to 1/2" 80% cse py vn does not cross core-folds in +out- in hily alt'd dio w ank overprint	1.989	1.989
BG11-135	59.00	59.65	C4226	0.65	<.03	flt down core w 1/8"-1/4" chl-ser w 20% cse d py in q-ank zone		
BG11-135	59.65	60.40	C4227	0.75	3.875	flt w up to 3/4" chl-ser w 50% cse py in 1" q-ank	3.429	4.320
BG11-135	**60.40**	**61.15**	**C4229**	**0.75**	**0.754**	**chl-ser-ank bx w 5-8% cse d py locy conc gen@38**		
BG11-135	61.15	62.15	C4230	1.00	0.069	chl-ser-ank bx w 5-8% cse d py locy conc gen@38		
BG11-135	62.15	63.00	C4231	0.85	<.03	5% q-ank; much fresher		
BG11-135	63.00	64.00	C06960	1.00	<.03	INFILL		

Hole_ID	From	To	Sample_#	Length	Au ppm	Description	Au ppm_ck	Au ppm-ck2
BG11-135	64.00	65.00	C06961	1.00	<.03	INFILL		
BG11-135	65.00	66.00	C06962	1.00	<.03	INFILL		
BG11-135	66.00	66.95	C06963	0.95	<.03	INFILL		
BG11-135	66.95	67.85	C4232	0.90	<.03	3-5% cse d py centred on 1/2" q-ank bull vn@28		
BG11-135	70.40	71.15	C4233	0.75	0.069	ct imm foll by 5% cse d py		
BG11-135	71.15	72.00	C06964	0.85	0.069	INFILL		
BG11-135	72.00	73.00	C06965	1.00	<.03	INFILL		
BG11-135	73.00	73.90	C06966	0.90	1.509	INFILL	1.44	1.58
BG11-135	**73.90**	**75.20**	**C4234**	**1.30**	**2.537**	**1/4" 20% cse py vn@30**	2.057	3.017
BG11-135	**75.20**	**76.00**	**C4235**	**0.80**	**3.120**	**flt w 10% cse py within 1/8"**	3.086	3.154
BG11-135	**76.00**	**76.80**	**C4236**	**0.80**	**5.383**	**0.25m BC ending on 3/4" 70% cse py vn@42**	5.349	5.417
BG11-135	**76.80**	**77.50**	**C4238**	**0.70**	**0.960**	**3% cse d py**		
BG11-135	77.50	78.35	C4239	0.85	<.03			
BG11-135	82.50	83.00	C4240	0.50	<.03	1/2" q-ank vn @35 w 5% cse d py+5% cp imm prec by 0.05m bl'd		
BG11-135	83.85	85.05	C4241	1.20	<.03	flt imm foll by 1" q-ank-carb; 30% q-ank; hily bl'd; 1/4" 30% cse py vn@40		
BG11-135	85.05	85.80	C4242	0.75	<.03	3% cse d py; wy bl'd		
BG11-135	90.90	91.60	C4243	0.70	<.03	3% cse d py centred on 1/2" q-ank vn@33		
BG11-135	96.75	97.75	C4244	1.00	<.03	wy hem'd/alb'd @30		
BG11-135	113.00	114.00	C4245	1.00	<.03	chl'd@62 w 2% cse d py		
BG11-135	120.00	120.90	C4246	0.90	<.03			
BG11-135	120.90	121.60	C4247	0.70	0.411	5% cse d py@40		
BG11-135	121.60	122.15	C4248	0.55	2.538	flt imm prec by 1" q-ank wt vn imm prec by 0.15 hily bl'd wy sil'd+hem'd w 15% cse d py+ vuggy q-ank+ 2% blue mineral	2.606	2.469
BG11-135	122.15	122.80	C4250	0.65	0.274			
BG11-135	**122.80**	**123.60**	**C4251**	**0.80**	**0.823**	**2* 1/4" 60% cse py vn's@9+14; 20% epi**		
BG11-135	123.60	124.50	C4252	0.90	<.03			
BG11-135	124.50	125.30	C4253	0.80	0.069			
BG11-135	125.30	126.00	C4254	0.70	<.03	1/4" 60% cse py vn@17; 10% epi		
BG11-135	126.00	126.75	C4255	0.75	0.274	BC w at least 1" v hily bl'd+sil'd w 20% cse d py		
BG11-135	**126.75**	**128.70**	**C4256**	**1.95**	**0.960**			
BG11-135	128.70	129.40	C4257	0.70	0.069			
BG11-135	129.40	130.20	C4258	0.80	<.03			
BG11-135	130.20	130.70	C4260	0.50	<.03	1/2" 80% cse py vn assd w epi @36		
BG11-135	130.70	131.30	C4261	0.60	0.069			
BG11-135	132.90	133.80	C4262	0.90	<.03	0.1m 50% epi; flt-hem'd- no affect on wallrock		
BG11-135	139.00	139.90	C4263	0.90	<.03			
BG11-135	139.90	140.80	C4264	0.90	2.915	BC w at least 1" 50% cse py vn assd w 40% epi@33 posy- on flt?; 1/2" bull med gy q-ank vn@16	3.086	2.743
BG11-135	**140.80**	**141.70**	**C4266**	**0.90**	**0.823**	**0.3m 40% epi-ser w 8% cse d py@26**		
BG11-135	**141.70**	**142.30**	**C4267**	**0.60**	**0.960**	**0.2m 20% epi w 5% cse d py@30**		
BG11-135	142.30	143.20	C4268	0.90	1.989	1/2" 30% cse py vn assd w 20% epi@10	1.989	1.989
BG11-135	143.20	144.20	C4269	1.00	<.03			
BG11-135	148.70	150.10	C4270	1.40	0.069	1/2" 50% cse py vn@25		
BG11-135	150.10	151.60	C4271	1.50	0.069			
BG11-135	151.60	152.40	C4272	0.80	<.03	1/4" 70% cse py vn@45		
BG11-135	152.40	152.95	C4273	0.55	<.03			
BG11-135	152.95	154.25	C4274	1.30	<.03			
BG11-135	154.25	155.20	C4275	0.95	0.411	aph hily sil'd alt'n/dyke? W shrp ct @75+ w 5% cse d py; 0.2m 20% epi+25% cse d py		
BG11-135	155.20	156.00	C4276	0.80	0.343	0.2m aph hily sil'd alt'n/dyke? w shrp ct @33 imm prec by 1/4" 40% cse py vn+ w 5% cse d py; 0.2m 20% epi+25% cse d py		
BG11-135	156.00	156.85	C4277	0.85	0.137	0.4m aph hily sil'd alt'n/dyke? w shrp ct's @35 w 5% cse d py;		
BG11-135	156.85	157.60	C4279	0.75	0.343			
BG11-135	**157.60**	**158.20**	**C4280**	**0.60**	**0.960**	**1" 40% cse py vn assd w ank@28**		

Hole_ID	From	To	Sample_#	Length	Au ppm	Description	Au ppm_ck	Au ppm-ck2
BG11-135	**158.20**	**159.20**	**C4282**	**1.00**	**0.891**			
BG11-135	164.50	165.45	C4283	0.95	<.03	25% epi-ser w 1/4" wt qv@34		
BG11-135	165.45	166.25	C4284	0.80	<.03			
BG11-135	166.25	166.85	C4285	0.60	<.03	1/4" med gy qv w 10% cp blebs@45		
BG11-135	173.10	174.30	C4286	1.20	<.03	ct bl'd+wy ser'd		
BG11-135	174.30	175.65	C4287	1.35	<.03	5% bleb cse py		
BG11-135	175.65	177.00	C4288	1.35	<.03			
BG11-135	181.50	182.50	C4289	1.00	<.03	wy bl'd; 2* 1/4" pk q-ank vn's@80		
BG11-135	182.80	183.75	C4290	0.95	<.03			
BG11-135	183.75	184.60	C4291	0.85	<.03	wy-mody bl'd w 3% cse d py		
BG11-135	184.60	185.75	C4292	1.15	<.03			
BG11-135	185.75	187.10	C4293	1.35	<.03	wy-mody bl'd w 6% cse d py		
BG11-135	187.10	188.35	C4294	1.25	<.03	0.2m chl'd w 5% cse d py@21		
BG11-135	188.35	189.20	C4295	0.85	<.03			
BG11-135	189.20	190.90	C4296	1.70	<.03			
BG11-135	190.90	192.00	C4297	1.10	<.03	wy-mody bl'd w 3% cse d py		
BG11-136	25.50	27.00	C4359	1.50	<.03			
BG11-136	27.00	28.50	C4360	1.50	<.03			
BG11-136	28.50	29.70	C4361	1.20	<.03			
BG11-136	29.70	30.40	C4362	0.70	<.03	3/4" q-ank vn w 15% cse d py@32		
BG11-136	30.40	31.70	C4364	1.30	<.03			
BG11-136	31.70	33.00	C4366	1.30	<.03	1/8" 40% cse py vn @30		
BG11-136	33.00	34.40	C4367	1.40	<.03	wy bl'd; 5% cse d py		
BG11-136	34.40	35.40	C4368	1.00	<.03	hily bl'd; 10% cse d py assd w chl fract's@35; 1/4" med gy sil-chl-ank vn@10 w 10% cse d py		
BG11-136	35.40	36.40	C4369	1.00	<.03			
BG11-136	36.40	37.00	C4370	0.60	<.03			
BG11-136	37.00	37.70	C4371	0.70	<.03			
BG11-136	39.00	40.60	C4372	1.60	<.03			
BG11-136	41.90	42.75	C4373	0.85	<.03			
BG11-136	42.75	43.55	C4374	0.80	<.03			
BG11-136	43.55	44.35	C4375	0.80	<.03	wy bl'd; BC; 8% cse d+vn py@75+assd w chl fract's@30		
BG11-136	44.35	45.45	C4377	1.10	3.017	wy bl'd+sil'd w 20% q-ank+10% leuco+10% cse d py@53	1.371	1.646
BG11-136	45.45	46.35	C4378	0.90	<.03	0.1m wy bl'd+sil'd w 20% q-ank+10% leuco+10% cse d py@45		
BG11-136	46.35	47.25	C4379	0.90	<.03			
BG11-136	47.25	48.05	C4380	0.80	<.03	3/4" dull wt qv w 6% cse d py@35; flt imm prec by 0.25m 30% q-ank+ wy hem'd+6% cse d py+ 1/8" med gy qv discontinuous@53		
BG11-136	48.05	49.00	C4381	0.95	<.03	10% q-ank		
BG11-136	49.00	49.90	C4382	0.90	<.03			
BG11-136	49.90	51.25	C4383	1.35	<.03			
BG11-136	51.25	52.50	C4384	1.25	<.03			
BG11-136	52.50	53.20	C4385	0.70	0.343	v str flt w gouge washed out imm prec by 0.25m chl'd w disc up to 1" 70% cse py vn@32		
BG11-136	53.20	54.05	C4387	0.85	<.03			
BG11-136	54.05	54.80	C4388	0.75	0.480			
BG11-136	54.80	55.50	C4389	0.70	<.03	tight flt-MAIN BRK- brings in cr'd hily hem'd chl-aph zone w 5% q-ank w 5% cse d py		
BG11-136	55.50	56.80	C4390	1.30	<.03	cr'd hily hem'd chl-aph zone w 5% q-ank w 5% cse d py		
BG11-136	56.80	57.60	C4391	0.80	<.03	0.5m cr'd hily hem'd chl-aph zone w 5% q-ank w 5% cse d py w washed out flt-MAIN BRK-in middle+ ser'd		
BG11-136	57.60	58.70	C4392	1.10	<.03			
BG11-136	58.70	59.90	C4394	1.20	<.03	SAMPLE REVERSED BY CORE TECH - NOW STANDARD		
BG11-136	59.75	60.70	**C4412**	0.95	<.03	1/2" ser-chl wk shr imm foll by 3/4" 5% cse d py@56		
BG11-136	63.20	64.40	C4395	1.20	<.03			
BG11-136	64.40	65.40	C4396	1.00	<.03	6* 1/8"-3/4" q-ank pa gy vn's w 15% cse d py@56, 80, &26(on flt)		

Hole_ID	From	To	Sample_#	Length	Au ppm	Description	Au ppm_ck	Au ppm-ck2
BG11-136	65.40	66.35	C4397	0.95	<.03			
BG11-136	68.25	69.25	C4398	1.00	<.03	1" med gy q-ank-spec vn@54 w 4% cse d py		
BG11-136	74.45	75.40	C4399	0.95	<.03			
BG11-136	**75.40**	**76.30**	**C4400**	**0.90**	**0.891**	**0.1m q-ank vn w 50% cse py vn@28**		
BG11-136	76.30	77.30	C4402	1.00	<.03			
BG11-136	77.30	78.20	C4403	0.90	<.03	mottled dio changes to 10% leuco dk gy dio @50		
BG11-136	78.20	79.55	C4404	1.35	<.03	10% leuco, 5% cse d py		
BG11-136	79.55	81.00	C4405	1.45	<.03	por bx		
BG11-136	81.00	82.45	C4406	1.45	<.03			
BG11-136	82.45	83.90	C4407	1.45	<.03	3* 0.15m 15% leuco+ser+10% ank+5% cse d py		
BG11-136	83.90	85.30	C4408	1.40	<.03	2* 0.25m 15% leuco+ser+10% ank+5% cse d py		
BG11-136	85.30	86.60	C4409	1.30	<.03	2* 0.15m 15% leuco+ser+10% ank+5% cse d py		
BG11-136	86.60	87.70	C4410	1.10	<.03	10% q-ank; ser'd; 10% leuco; 10% cse d py		
BG11-136	87.70	89.00	**C4411**	1.30	<.03	10% q-ank		
BG11-136	96.80	97.50	C4414	0.70	<.03	10% leuco - SAMPLE REVERSED BY CORE TECH - NOW STANDARD		
BG11-136	98.25	99.60	C4415	1.35	<.03	1/2" pk carb vn @15; 0.1m 70% q-ank vn@37; 20% leuco		
BG11-136	99.60	100.85	C4416	1.25	<.03	wy sil'd		
BG11-136	100.85	101.95	C4417	1.10	<.03	ser-chl fract@15 w 2% cse d py; slip		
BG11-136	107.20	108.60	C4418	1.40	<.03	10% leuco; 5% cse d py@39		
BG11-136	108.60	109.35	C4419	0.75	3.395	1" q-ank vn w 50% cse d py@22	3.429	3.360
BG11-136	109.35	110.20	C4420	0.85	<.03			
BG11-136	110.20	111.40	C4421	1.20	<.03			
BG11-136	115.00	116.45	C4422	1.45	<.03	1/2" 70% cse py vn@20		
BG11-136	116.45	117.60	C4423	1.15	<.03			
BG11-136	117.60	118.50	C4424	0.90	<.03	flt in 0.1m chl'c shims+ser'n		
BG11-136	124.80	126.20	C4425	1.40	<.03	wy hem'd w 3% cse d py; pk carb 1/8" fract@75 centres hem'n		
BG11-136	132.40	133.60	C4426	1.20	<.03			
BG11-136	133.60	135.00	C4427	1.40	<.03	0.1m hily bl'd+ser'd w 5% cse d py@57		
BG11-136	135.00	135.65	C4428	0.65	0.480	0.4m mody bl'd ending on ct imm prec by 0.1m bull q-ank vn w 2% cse d py		
BG11-136	135.65	136.50	C4429	0.85	<.03			
BG11-136	136.50	137.90	C4430	1.40	<.03	0.2m q-ank 50% brings in wy bl'd+sil'd w 10% f+cse d py in ser'd zone-all@57		
BG11-136	137.90	139.20	C4432	1.30	<.03	wy bl'd+sil'd w 10% f+cse d py in ser'd zone-all@57; 5% q-ank		
BG11-136	139.20	140.25	C4433	1.05	<.03	60% q-ank bull vn's @10-14 w 5% f+cse d py in dio		
BG11-136	140.25	141.40	C4435	1.15	0.069	60% q-ank bull vn's @10-14 w 5% f+cse d py in dio		
BG11-136	141.40	142.60	C4436	1.20	<.03	50% sample w 80% q-ank bull vn's @10-14 w 5% cse d py in dio		
BG11-136	142.60	143.65	C4437	1.05	<.03			
BG11-136	148.85	149.55	C4438	0.70	<.03			
BG11-136	**149.55**	**150.50**	**C4439**	**0.95**	**0.549**	**0.1m BC; 0.2m 40% q-ank@45 w 8% cse d +vn py; 0.15m por inl;ier@45**		
BG11-136	150.50	151.40	C4440	0.90	<.03			
BG11-136	152.80	153.80	C4441	1.00	<.03	8% cse d+vn py-looks primary		
BG11-136	157.65	158.20	C4442	0.55	<.03	BC centred on 1/8" mody bl'd fract@50		
BG11-136	162.00	162.60	C4443	0.60	<.03	hily bl'd 1" centred on wk flt w 3% cse d py		
BG11-136	165.00	165.70	C4444	0.70	<.03	BC; bx zone@57 w 1% cse d py		
BG11-136	168.25	168.90	C4445	0.65	<.03	1/8" 20% cse py vn on q-ank vn@14		
BG11-136	178.65	179.60	C4446	0.95	0.069			
BG11-136	179.60	180.40	C4447	0.80	3.154	hily bl'd olive centred on 2" chl-sil vn w 30% cse d py	2.811	3.497
BG11-136	180.40	181.30	C4449	0.90	<.03			
BG11-136	188.00	189.00	C4450	1.00	<.03			
BG11-136	189.00	190.45	C4451	1.45	<.03	bx		
BG11-136	190.45	191.65	C4452	1.20	<.03	locy wy hem'd bands @46		
BG11-136	191.65	193.20	C4454	1.55	<.03	0.5m w 30% q-ank @45		
BG11-136	193.60	195.00	C4455	1.40	<.03	mody bl'd; 8% cse d py		

Hole_ID	From	To	Sample_#	Length	Au ppm	Description	Au ppm_ck	Au ppm-ck2
BG11-136	195.00	196.00	C4456	1.00	<.03	0.3m q-ank bull vn@22 in hily bl'd		
BG11-136	196.00	196.90	C4457	0.90	<.03	40% q-ank bullish in hily bl'd		
BG11-136	196.90	197.45	C4458	0.55	<.03	0.45m ser-chl-ank shr w 15% cse d py centred on str flt		
BG11-136	197.45	198.00	C4459	0.55	<.03	hily bl'd-pk posy sy; 5% cse d py		
BG11-137	22.30	23.40	C4298	1.10	0.274	BC; ser'd; 0.15m vuggy q-ank@45		
BG11-137	23.40	24.90	C4299	1.50	0.069			
BG11-137	24.90	26.05	C4300	1.15	0.137			
BG11-137	**26.05**	**27.00**	**C4302**	**0.95**	**0.617**	**1/4" 30% cse py vn@30 in chl**		
BG11-137	27.00	27.60	C4303	0.60	0.069	wy bl'd		
BG11-137	27.80	28.60	C4304	0.80	0.274	BC w flt's@30 w 1/4" 20% cse py vn's; GC		
BG11-137	28.60	29.30	C4305	0.70	0.137			
BG11-137	29.30	29.90	C4306	0.60	0.069			
BG11-137	29.90	31.10	C4307	1.20	<.03			
BG11-137	31.10	31.80	C4308	0.70	0.343	1" q-ank vn w 20% cse d py@35		
BG11-137	31.80	33.00	C4310	1.20	<.03			
BG11-137	36.85	37.80	C4311	0.95	<.03	5% cse d py-no alt'n		
BG11-137	42.35	43.45	C4312	1.10	0.206			
BG11-137	43.45	44.50	C4313	1.05	<.03	0.7m mody bl'd w 7-8% cse d py@45		
BG11-137	44.50	45.20	C4314	0.70	<.03	flt imm foll by 3/4" vuggy q-ank vn		
BG11-137	45.20	45.70	C4315	0.50	<.03			
BG11-137	45.70	46.60	C4316	0.90	<.03	flt in 0.2m ser'd+ some gouge-strong- could be ct		
BG11-137	49.00	50.50	C4317	1.50	0.480			
BG11-137	50.50	51.00	C4318	0.50	0.069			
BG11-137	51.00	52.05	C4319	1.05	0.069	wy bl'd/hem'd@30		
BG11-137	52.05	53.40	C4320	1.35	<.03			
BG11-137	53.40	54.20	C4321	0.80	<.03	0.15m w 20% q-ank+chl'd+2* 1/4"-3/4" med gy qv's w 2% cse d py@52		
BG11-137	54.20	55.25	C4322	1.05	<.03			
BG11-137	55.60	57.00	C4324	1.40	<.03	5% leuco		
BG11-137	57.00	58.40	C4325	1.40	<.03	5% leuco		
BG11-137	61.50	63.00	C4326	1.50	<.03	5% leuco		
BG11-137	63.00	63.80	C4327	0.80	0.343	5% leuco; 1/4" 20% cse py assd w chl@40; 1" pk carb w 15% cse d py@140		
BG11-137	63.80	65.30	C4328	1.50	0.274	5% leuco		
BG11-137	65.30	66.30	C4329	1.00	<.03	5% leuco; 1/4" pk carb w 30% cse d py@70; 1" 50% cse py vn@33		
BG11-137	66.30	67.10	C4330	0.80	<.03	5% leuco		
BG11-137	67.10	68.00	C4331	0.90	<.03	5% leuco		
BG11-137	68.00	69.10	C4332	1.10	<.03	5% leuco		
BG11-137	69.10	69.70	C4333	0.60	<.03	5% leuco; 0.1m BC w shims/posy gouge-all flt w little affect on wallrock		
BG11-137	69.70	70.90	C4334	1.20	<.03	5% leuco		
BG11-137	70.90	72.10	C4335	1.20	0.411	5% leuco; 1/4"+ 0.1m mud MAIN BRK on either end of extremely shr'd chlc; <1% f d py		
BG11-137	72.10	73.55	C4337	1.45	<.03	1" chl myl? Imm prec by 0.4m hily bl'd+sil'd@47		
BG11-137	73.55	75.00	C4338	1.45	<.03	hily ser'd w 2* 0.1m buff hily bl'd+sil'd		
BG11-137	75.00	76.35	C4339	1.35	<.03	ser'd		
BG11-137	76.35	77.25	C4340	0.90	0.137	ser'd; centred on 1/2" 70% cse py vn@65; 10% q-ank		
BG11-137	77.25	78.60	C4341	1.35	<.03			
BG11-137	78.60	79.50	C4342	0.90	<.03			
BG11-137	79.50	80.80	C4343	1.30	<.03	hily bl'd+sil'd pk w 5% cse d py@71		
BG11-137	80.80	82.10	C4344	1.30	<.03	flt in ser'd+chl'd+ w 0.4m hily bl'd+sil'd w 5% cse d py@53		
BG11-137	89.30	90.65	C4346	1.35	<.03	7% cse d py; 10% leuco		
BG11-137	90.65	92.05	C4347	1.40	<.03	7% cse d py; 10% leuco; flt- no affect on wallrock- posy thin gouge		
BG11-137	92.05	93.40	C4348	1.35	<.03	10% cse d py; 15% leuco		
BG11-137	93.40	94.25	C4349	0.85	<.03	7% cse d py; 10% leuco		
BG11-137	94.25	95.30	C4350	1.05	<.03	7% cse d py; 10% leuco; hily bl'd @35 w ser-chl+ w 15% dull wt bull qtz+q-ank		

Hole_ID	From	To	Sample_#	Length	Au ppm	Description	Au ppm_ck	Au ppm-ck2
BG11-137	95.30	96.90	C4351	1.60	<.03	7% cse d py; 10% leuco		
BG11-137	96.90	98.00	C4352	1.10	<.03	7% cse d py; 10% leuco		
BG11-137	102.90	103.45	C4353	0.55	<.03	3/4" hily bl'd centred on 1/8" q-ank vn@14		
BG11-137	108.60	110.10	C4354	1.50	<.03	5% cse d py; 5% leuco		
BG11-137	110.10	110.90	C4355	0.80	<.03	7% cse d py; 10% leuco in dio		
BG11-137	110.90	112.25	C4356	1.35	<.03			
BG11-137	112.25	113.55	C4357	1.30	<.03	7% cse d py; 10% leuco in dio		
BG11-137	113.55	114.55	C4358	1.00	<.03			
BG11-138	8.80	9.50	C3222	0.70	<.03	8.8 to 9 3-5% diss py in matrix		
BG11-138	9.50	10.30	C3223	0.80	<.03	9.8 to 10 mod frac'ing with chl in Syn near FP contact; 10 to 10.3m sheared section possible Tuff+ minor carb vn at 25 deg TCA		
BG11-138	18.00	18.70	C3224	0.70	<.03	<1% py in 20 deg TCA 1mm wide frac + 2-4% py in matrix		
BG11-138	18.70	19.50	C3226	0.80	0.137	18.7 to 19m multi frac's at 25 to 45 deg TCA with qtz+py, overall 3-5% py; 1-3% diss py in matrix		
BG11-138	19.50	20.40	C3228	0.90	0.343	two-three frac's 1mm wide at 25 deg TCA with py, at 20m 0.5cm wide py vn at 30 deg TCA; 20 to 20.3m 15-25% qtx-dol vn'ing		
BG11-138	20.40	21.60	C3229	1.20	<.03	21.2 to 21.4m strong flt bx + gouge at FP-Tuff contact; remainder of sample 10-15% qtz-dol vn'ing + weak ser+chl in non-penetraive frac's at 20 to 35 deg TCA; 1% py in frac's		
BG11-138	21.60	23.00	C3230	1.40	<.03	mod to strong frac'ing after Flt-contact in Tuff with qtz-dol+minor carb in frac's at 35 to 50 deg TCA, red oxy'd hem + chl alt'n; 3-5% spec hem in some vn's		
BG11-138	24.30	25.30	C3242	1.00	<.03	5-7% diss py with <1mm wide frac's between 24.3 to 24.6m with py	ticket # out of sequence	
BG11-138	28.50	29.50	C3231	1.00	<.03	multi subparallel vn'lets at 30 to 35 deg TCA with qtz-dol+minor purple carb rare py+cpy in one vein		
BG11-138	29.50	30.00	C3232	0.50	0.069	at 29.6m a 20 deg TCA 0.5cm wide qtz vn with 55% py; one 1mm wide frac with py		
BG11-138	30.00	30.50	C3233	0.50	<.03	4 vn's with 35-45% py ranging from 2mm to 0.75cm wide qtz-dol vn's		
BG11-138	30.50	31.00	C3234	0.50	<.03	one irregular 0.5cm wide vn with 15% py		
BG11-138	31.00	32.00	C3235	1.00	<.03	wk frac'ing <1% py; flt at Tuff-Syn contact at 45 deg TCA at 31.8m		
BG11-138	35.50	37.00	C3236	1.50	<.03	1-2% py in weak brittle fracing		
BG11-138	37.00	38.50	C3237	1.50	<.03	as above		
BG11-138	38.50	39.20	C3238	0.70	<.03	as above		
BG11-138	43.40	44.30	C3239	0.90	0.137	at 43.5m 1 cm wide chl vn with 5-10%		
BG11-138	44.30	45.40	C3240	1.10	0.069	44.3 to 46.1m ser+qtz-dol+chl perv alt'n with 1-5% py in up to 1mm wide frac's at 50 to 70 deg TCA		
BG11-138	45.40	46.10	C3241	0.70	*<.03*	as described above		
BG11-138	55.80	57.20	C3243	1.40	*<.03*	1-5% py in weak frac's <1mm wide; 1-2% py in matrix	ticket # out of sequence	
BG11-138	57.20	58.70	C3244	1.50	<.03	1% py in weal frac's		
BG11-138	58.70	60.00	C3245	1.30	<.03	4cm wide pink calcite vnat 25 deg TCA with no assoc mineralization; 2-5% py in matrix		
BG11-138	60.00	61.00	C3247	1.00	<.03	3-5% py in discontinuous frac's		
BG11-138	61.00	61.80	C3248	0.80	<.03	as above		
BG11-138	74.30	75.00	C3249	0.70	<.03	1% fg py in weak frac's at 15 and 45 deg TCA with qtz-dol		
BG11-138	**75.00**	**75.60**	**C3250**	**0.60**	**0.891**	**75.12 to 76m local frac zone at 25 to 40 deg TCA with 3.5cm py vn 75%py + adjacent 3cm wide dk grey qtz+grey white qtz + ser in adjacent hairline frac's +moderatre porcelain white vn'lets in frac's with weak pale red red oxy'd hem**		
BG11-138	75.60	76.20	C3252	0.60	<.03	1-3% py in porcelain white qtz in frac's at 25 to 35 deg TCA		
BG11-138	76.20	77.70	C3253	1.50	<.03	1-2% py in 25 to 30 deg TCA frac's 1-2mm wide + chl		
BG11-138	77.70	78.10	C3254	0.40	<.03	<1% py in 10-25 deg TCA frac's with chl; 1cm wide qtz-dol vn at 25 deg TCA no assoc py		
BG11-138	82.90	83.70	C3255	0.80	<.03	3-7% diss py in FP matrix		
BG11-138	83.70	85.00	C3256	1.30	<.03	5-8% diss py in Tuff matrix		
BG11-138	85.00	86.00	C3257	1.00	<.03	1-3% diss py in FP matrix		
BG11-138	86.00	87.00	C3258	1.00	<.03	5-10% diss py in Tff matrix + 0.2cm widediscont py band at Tuff-FP contact		
BG11-138	87.00	88.00	C3259	1.00	<.03	1-2% diss py in Tuff		
BG11-138	88.00	89.40	C3260	1.40	<.03	1-3% diss py in matrix in tuff		
BG11-138	89.40	90.00	C3261	0.60	<.03	1cm wide qtz vn with py at 25 deg TCA; 1-3% diss py in matrix		
BG11-138	90.00	91.40	C3262	1.40	<.03	1-2% py in matrix		
BG11-138	91.40	92.50	C3263	1.10	<.03	0.5cm qtzvn with 10% py at 91.7m at 25 to 30 deg TCA		

Hole_ID	From	To	Sample_#	Length	Au ppm	Description	Au ppm_ck	Au ppm-ck2
BG11-138	92.50	94.00	C3264	1.50	<.03	1% diss py in matrix; 0.2 cm wide bone white qtz vn at 93.4m with minor py at 40 deg TCA		
BG11-138	**94.00**	**94.90**	**C3265**	**0.90**	**0.617**	**94 to 94.9m buff orange-brown sil alt'd section with multi-py vn's up to 1cm wide with 60-85%py at 20-25 deg TCA**		
BG11-138	94.90	95.50	C3267	0.60	<.03	1-3% diss py in matrix; 95m 0.25cm wide qtzvn with py at 30 deg TCA		
BG11-138	95.50	97.00	C3268	1.50	<.03	1-4% diss py in matrix		
BG11-138	97.00	98.50	C3269	1.50	<.03	as above		
BG11-138	98.50	99.20	C3270	0.70	0.069	1cm wide qtz-dol vn at Tuff-FP contact with py at margin and 99 to 99.15m 3-5% py in FP		
BG11-138	99.20	100.00	C3272	0.80	<.03	1-3% diss py in matrix		
BG11-138	115.80	116.60	C3273	0.80	<.03	15-25% qtz vn'ing at 20 to 40 deg TCA with 5-7% spec hem		
BG11-138	124.70	125.50	C3274	0.80	<.03	mutliple slips with chl+qtz-dol; negl py		
BG11-138	147.30	148.80	C3275	1.50	<.03	5cm wide qtz vn at 147.32m at 65 deg TCA; weak slips with chl+ adjacent qtz-dol vn'ing; negl py		
BG11-138	160.00	161.00	C3276	1.00	<.03	169.85 to 169.93 40 deg TCA slips at FP-Syn contact adjacent qtz-dol vn;ing		
BG11-138	164.80	165.80	C3277	1.00	<.03	165-165.2m 3-5% py in vn'ing near Syn-FP contact; 1.5cm wide grey qtz vn at contact		
BG11-138	167.80	168.80	C3278	1.00	0.274	1-5% py with py along slips with chl		
BG11-138	170.00	170.90	C3279	0.90	<.03	170.5m 7cm wide carb+chl+qtz vn at 30 deg TCA at FP-Syn contact		
BG11-138	172.10	173.60	C3280	1.50	<.03	3-5% py in discont frac'ing and in clots in matrix in FP		
BG11-138	173.60	174.80	C3281	1.20	<.03	3-4% cse diss py + py in fracs + py in <5 cm chl clots in matrix		
BG11-138	174.80	176.30	C3282	1.50	<.03	2-3% md diss py + py in fracs; chl clasts/larger clots in matrix + 1*8 cm ser-chl shear w 1*3 cm pk qtz-carb vn @65		
BG11-138	176.30	177.80	C3283	1.50	<.03	1-3% md to cse diss py + py in fracs + py in chl clots in matrix		
BG11-138	177.80	179.30	C3284	1.50	<.03	ser'd wispy fracs + larger fracs w 1-2% mg py; py also found in chl clots		
BG11-138	179.30	180.40	C3285	1.10	<.03	1*0.5 cm chl'd qtz-carb vn @40 w 10-15% cse py; 1-2% fn to mg py along fracs		
BG11-138	180.40	181.60	C3286	1.20	<.03	**Start of New Zone:** characterized by py within strong <0.2 cm fracs w chl + ser alt in fracs and vning and qtz dol-carb vning; py also hosted in vns and along chl'd slips in areas in the zone; py ranges from 5-15% in diss and in fracs w vns and slips w >85% cse py + occ chalco;		
BG11-138	181.60	182.50	C3287	0.90	**2.880**	**As described in 180.4 -181.60; 2*3-4 cm chl'd py vns @45 w >80% cse py + 1*4 cm qtz-dol vn @30 w 3% v cse chalco + ass chl'd zones w >85% cse py; adj to vns in matrix is sil'd w 1-2% mg diss py + py conc along chl'd fracs**	2.400	3.360
BG11-138	182.50	183.00	C3289	0.50	<.03	*As described in 180.4-181.6; 1-3% mg diss py + py along fracs; 1*0.6 cm bull qtz-dol vn @25*		
BG11-138	183.00	184.00	C3290	1.00	0.069	*As described in 180.4-181.6; 1*1 cm bull qtz-dol vn @15-20; 1-3% py along chl'd fracs; ser'd wispy fracs throughout matrix*		
BG11-138	184.00	185.00	C3291	1.00	<.03	*As described in 180.4-181.6; sil'd w <2% py along fracs*		
BG11-138	185.00	186.00	C3292	1.00	<.03	*As described in 180.4-181.6; chl'd slip @5-10 TCA w 5% cse py*		
BG11-138	186.00	187.00	C3293	1.00	<.03	*As described in 180.4-181.6; 1*1 cm hly chl'd py vn @10 w 70% cse py*		
BG11-138	187.00	188.50	C3294	1.50	<.03	End of strong core of the New Zone; fewer fracs w tr py; ser'd wispy fracs and chl clasts		
BG11-138	188.50	189.00	C3295	0.50	<.03	fewer chl'd fracs w tr py; ser'd wispy fracs and chl clasts in matrix		
BG11-138	189.00	190.00	C3296	1.00	**2.983**	3-4% cse diss py + py in chl'd fracs gen @25-55	2.880	3.086
BG11-138	190.00	190.80	C3297	0.80	0.274	2-3% cse diss py + py in chl'd fracs; 1*2 cm bull qtz-carb vn @40		
BG11-138	190.80	192.30	C3298	1.50	0.137	chl'd + sil'd w 1-2% mg diss py		
BG11-138	192.30	193.00	C3299	0.70	0.411	1% py along chl-carb vns + fracs @15-25		
BG11-138	193.00	194.00	C3300	1.00	0.069	1-2% fn to cse diss py + 2*0.5 cm py vns @30-40 w >70% md to cse py		
BG11-138	194.00	195.00	C4601	1.00	0.206	1-2% chl clasts/blobs in matrix w 1% ass mg py + 1*0.2 cm chl'd frac w 60% mg py; ser'd wispy fracs		
BG11-138	195.00	196.00	C4602	1.00	0.137	chl clasts/blobs in matrix		
BG11-138	196.00	197.00	C4603	1.00	<.03	BC w tr fg diss py + chl clasts/blobs in matrix		
BG11-138	197.00	198.40	C4604	1.40	<.03			
BG11-138	198.40	199.70	C4605	1.30	0.137			
BG11-138	199.70	200.60	C4606	0.90	0.137	1% fg diss py		
BG11-138	200.60	201.70	C4607	1.10	0.069	fresh porphyritic textrue w chl clasts/phenos in matrix		
BG11-138	201.70	202.40	C4608	0.70	0.069	FP/diorite contact @60-65 TCA w ass 2-4% cse diss py; 2% leux in diorite + mg to cse py diss + ass w dol vns		
BG11-138	202.40	203.80	C4609	1.40	0.069	2*0.5-1 cm dol vns @40 w 2-3% spec hem		
BG11-138	203.80	204.80	C4610	1.00	0.206	2-3% cse diss py		

Hole_ID	From	To	Sample_#	Length	Au ppm	Description	Au ppm_ck	Au ppm-ck2
BG11-138	204.80	205.80	C4611	1.00	0.069	3-5% cse diss py; spec hem along dol vns		
BG11-138	**205.80**	**206.70**	**C4612**	**0.90**	**0.549**	**1*2 cm dol vn @40 w 10% spec hem + adj 25% cse diss py**		
BG11-138	206.70	207.60	C4613	0.90	<.03	2% cse diss py +1*1 cm chl/ser alt'd qtz-carb vn @15		
BG11-138	207.60	208.80	C4615	1.20	0.206	hly ser'd w 2*0.5-1 cm hem vns @20; 1*3 cm qtz-carb-chl vn @10 w 2% mg py		
BG11-138	208.80	210.00	C4616	1.20	<.03	2% leux and hly ser'd w hem'd fracs and 1*1.5 cm bull brecciated qtz-carb vn @35		
BG11-138	210.00	211.00	C4617	1.00	**4.183**	*brecciated flt @20 w 2% fn to mg diss py followed by a ser-sil shear zone w 8% fg diss py*	3.909	4.457
BG11-138	211.00	212.50	C4618	1.50	0.069	3-4% leux w 2-3% cse diss py ass w chl'd zones + fracs		
BG11-138	212.50	213.80	C4619	1.30	<.03	4% leux w 1*2 cm chl-dol vn @25 w 15% cse py		
BG11-138	213.80	215.30	C4620	1.50	<.03	4% leux w 2% mg diss py + cse py along 0.2 cm mauve alt'd carb vns		
BG11-138	215.30	216.70	C4621	1.40	<.03	4% leux w 2% mg diss py + cse py ass w chl'd zones and along mauve alt'd carb vns		
BG11-138	216.70	217.80	C4622	1.10	<.03	5% mauve alt leux + 1-2% cse py ass w chl'd fracs/zones		
BG11-138	220.60	221.50	C4623	0.90	<.03	2-3% md to cse diss py + py ass w blobs of epd and chl in the matrix		
BG11-138	228.45	229.70	C4624	1.26	<.03	2-3% mg py in fracs + 1*6 cm sil-carb vn @65		
BG11-138	229.70	230.75	C4626	1.05	<.03	1-2% fn to mg diss py		
BG11-138	230.75	231.90	C4627	1.15	<.03	1-2% cse diss py ass w chl clots		
BG11-138	233.90	234.75	C4628	0.85	<.03	1*20 cm zone w 0.1-0.2 cm skeletal textured blk qtz vns		
BG11-138	236.60	237.70	C4629	1.10	<.03	1*10 cm blk qtz vn @65 w carb inclusioms		
BG11-138	243.50	244.65	C4630	1.15	<.03	1*1 cm dol-hem vn @25 w <1% cse py; 1*10 cm gy gn intrusive within the FP w 1% spec hem + fg diss py		
BG11-138	251.40	252.45	C4631	1.05	<.03	1*2 cm wt/blk/red qtz-ank vn @65 w tr fn to mg py; 2% chl clots		
BG11-138	260.20	261.00	C4632	0.80	<.03	hly BC w vuggy pk ank vns w tr cse py + diss spec hem		
BG11-138	267.00	268.10	C4633	1.10	0.206	1*1 cm dol-chl vn @25 w 15% mg py		
BG11-138	279.30	280.80	C4634	1.50	<.03	3% wt dol vns + 2*4-6 cm skeletal carb-chl vns @50w tr fg diss py and adj mg diss py		
BG11-138	280.80	282.25	C4635	1.45	<.03	1*1 cm chl-carb vn @25 w 5% fg py; 2% cse py ass w chl'd zones; chl-ser-carb sheared @45		
BG11-138	282.25	283.70	C4636	1.45	0.137	1*3 cm qtz-chl vn @60 w 10% mg py; 1*0.5 cm chl-carb vn @0 w 25% mg py; representing sheared transition from FP to diorite		
BG11-138	283.70	285.15	C4637	1.45	<.03	1-2% fn to mg diss py		
BG11-138	285.15	286.60	C4638	1.45	0.343	1% chl'd fracs @25 w 15% mg py + py ass w chl'd blobs		
BG11-138	286.60	288.00	C4639	1.40	0.206	1-2% fg diss py + py ass w chl'd zones		
BG11-138	290.20	291.00	C4640	0.80	<.03	BC w qtz-carb vns w 2% diss spec hem + tr mg diss py + moly		
BG11-138	301.40	302.75	C4641	1.35	<.03	2-3% fn to mg diss py + py along chl'd fracs + py in dol vns		
BG11-138	310.20	311.10	C4642	0.90	<.03	1*6 cm qtz-dol vn @55 w adj chl-ser alt w tr mg diss py		
BG11-138	311.10	312.00	C4643	0.90	0.343	tr leux and fg diss py; 1*0.4 cm chl'd frac @20 w 10% fg py + moly		
BG11-138	312.00	313.00	C4645	1.00	<.03	1*12 cm grey qtz vn @25 w 1% diss spec hem + chalco; tr diss chalco + moly		
BG11-138	**313.00**	**314.00**	**C4646**	**1.00**	**0.891**	**<1% mg diss py; 1-2% late pk to wt dol vns**		
BG11-138	314.00	315.00	C06967	1.00	<.03	INFILL		
BG11-138	315.00	316.00	C06968	1.00	<.03	INFILL		
BG11-138	316.00	317.00	C06969	1.00	<.03	INFILL		
BG11-138	317.00	318.30	C06970	1.30	<.03	INFILL		
BG11-138	318.30	319.40	C06971	1.10	<.03	INFILL		
BG11-138	319.40	320.90	C4647	1.50	<.03	perv carb alt throughout w tr diss py + hem/chl alt		
BG11-138	320.90	322.05	C4648	1.15	<.03	1*3 cm wk narrow ser-hem-chl shear @40 w tr fg py		
BG11-138	322.05	323.00	C06972	0.95	<.03	INFILL		
BG11-138	323.00	324.00	C06973	1.00	<.03	INFILL		
BG11-138	324.00	325.00	C06974	1.00	<.03	INFILL		
BG11-138	325.00	326.00	C06975	1.00	<.03	INFILL		
BG11-138	326.00	327.00	C06976	1.00	0.069	INFILL		
BG11-138	327.00	328.00	C4649	1.00	3.291	BC w slips @10 TCA w 2-4 % bornite + brassy py + spec hem + moly + tr chalco	3.291	3.291
BG11-138	328.00	329.00	C4650	1.00	1.406	BC w slips @10 TCA w 1-2% bornite + brassy py + spec hem + moly + tr chalco	1.303	1.509
BG11-138	329.00	330.00	C06977	1.00	<.03	INFILL		
BG11-138	**330.00**	**331.20**	**C06978**	**1.20**	**0.549**	**INFILL**		
BG11-138	331.20	332.40	C06979	1.20	0.137	INFILL		

Hole_ID	From	To	Sample_#	Length	Au ppm	Description	Au ppm_ck	Au ppm-ck2
BG11-138	332.40	333.45	C4651	1.05	<.03	1*5 cm grey qtz vn @65 w 3% chalco; tr py diss along dol vns		
BG11-138	333.45	334.75	C4653	1.30	<.03	1*10 cm qtz-chl-carb slip @90 w 1% fn to mg diss py		
BG11-138	338.10	339.30	C4654	1.20	0.411	perv red k-spar alt? w 3% mg diss py ass w chl alt'd zones		
BG11-138	339.30	340.60	C4655	1.30	<.03	perv red k-spar alt? w 3% mg diss py ass w chl alt'd zones; 1*0.4 cm carb slip @15		
BG11-138	348.70	349.80	C4656	1.10	<.03	qtz-carb vn in BC w hem alt + 2% fg diss py		
BG11-138	354.00	355.35	C4657	1.35	<.03	1% mg diss py; slightly sheared w >2% carb vning + ser alt		
BG11-138	361.40	362.70	C4658	1.30	<.03	<1% fg diss py		
BG11-138	362.70	363.80	C4659	1.10	0.137	2% leux + fg diss py; tr mg brassy py along carb vns		
BG11-138	363.80	364.80	C4660	1.00	0.274	1*30 cm brittle fracture + qtz-ank-dol local ductile shear @65 w chl/ser alt + 2-4% fn to mg diss py		
BG11-138	364.80	366.00	C4661	1.20	<.03	2% leux + fg diss py; tr mg brassy py along 0.2 cm qtz-carb vns @70		
BG11-138	369.50	370.80	C4662	1.30	<.03	1*0.4 cm chl'd frac @20 w 3% fg py		
BG11-138	370.80	372.25	C4663	1.45	0.137			
BG11-138	372.25	373.85	C4664	1.60	<.03			
BG11-138	373.85	374.85	C4665	1.00	2.160	***Start of South Zone:*** *Zone is characterized by overall 1-12% py in py rich vns @30-50 TCA as well as 0.5-2 cm carb vns @30-35; mg py is also diss in the groundmass; diorite has leux flecs, chl alt and zones that have been sil'd; in this sample there are 3*0.2-0.5 cm qtz-dol vns @30 w 5% mg py + fg diss py; 1*5 cm grey qtz vn @25 w 3% fg py*	2.126	2.194
BG11-138	374.85	375.70	C4666	0.85	2.949	*As described in 373.85 to 374.85; grey qtz vning w 3% fg py; 5*0.2-0.7 cm qtz-dol vns @30 w 7% fg py*	3.086	2.811
BG11-138	**375.70**	**376.80**	**C4667**	**1.10**	**0.960**	**As described in 373.85 to 374.85; chl'd w 3-4% mg diss py; 1*3 cm bull qtz-dol vn @30 w adj 10 cm zone of >50% mg diss py**		
BG11-138	**376.80**	**377.80**	**C4668**	**1.00**	**0.754**	***As described in 373.85 to 374.85; 2-5% fg diss py, some sil'd zones w conc py***		
BG11-138	377.80	378.70	C4669	0.90	1.920	**As described in 373.85 to 374.85; 20% leux w 1*2 cm qtz-dol vn @35 w 75% mg py; 40 cm sil'd zone w 5% mg diss py**	1.851	1.989
BG11-138	**378.70**	**379.90**	**C4671**	**1.20**	**0.960**	***As described in 373.85 to 374.85; 10% leux in zones w 0.2-0.8 cm dol vns @25 w 5% mg py***		
BG11-138	379.90	381.00	C4672	1.10	0.343	*As described in 373.85 to 374.85; qtz-dol vns @30 w 5% mg py; 5% leux + mg diss py*		
BG11-138	**381.00**	**381.80**	**C4673**	**0.80**	**0.549**	**As described in 373.85 to 374.85; 1*2 cm carb vn @30 w >85% mg py + more smaller py containing vns; ass 10% leux + 3% mg diss py**		
BG11-138	**381.80**	**382.80**	**C4675**	**1.00**	**0.754**	***As described in 373.85 to 374.85; 10% leux some w mauve alt; 5-7% mg diss py + py conc along 0.5 cm dol vns @35***		
BG11-138	382.80	384.00	C4676	1.20	<.03	*As described in 373.85 to 374.85; 8% leux some w mauve alt; 5% mg diss py + py conc along <0.5 cm dol vns @25-30*		
BG11-138	384.00	384.80	C4677	0.80	0.411	*As described in 373.85 to 374.85; 10% leux some w mauve alt; 5-7% mg diss py + py conc along 0.3-1 cm dol vns*		
BG11-138	384.80	385.90	C4678	1.10	0.343	*As described in 373.85 to 374.85; 5% leux w mauve alt; 3% mg diss py + py conc along <0.5 cm dol vns*		
BG11-138	385.90	387.00	C4679	1.10	0.274	**As described in 373.85 to 374.85; 6*0.2-1 cm py vns @35 w >85% mg py**		
BG11-138	387.00	388.00	C4680	1.00	0.480	*As described in 373.85 to 374.85; 5% mg py along 0.5 cm qtz-dol vns @40 + along py vns w >60% mg py; vns are surrounded by 3% mauve leux + mg diss py*		
BG11-138	**388.00**	**389.20**	**C4681**	**1.20**	**0.891**	**As described in 373.85 to 374.85; End of South Zone @ 388.7, sil'd w 3% mg py diss + along qtz-dol vns + along py filled fracs; moving into fresh dk gn diorite w 2% late dol vns**		
BG11-138	389.20	390.00	C4682	0.80	0.137	1% mg diss py		
BG11-138	390.00	391.00	C4683	1.00	0.206	mn epd alt as blotchy patches; 1*5 cm carb-chl vn @30 w tr mg py		
BG11-138	391.00	392.40	C4684	1.40	<.03	epd alt + 1% late dol vns		
BG11-138	392.40	393.80	C4685	1.40	<.03			
BG11-138	393.80	395.30	C4686	1.50	<.03	epd alt + <1% mg py along fracs		
BG11-138	395.30	396.70	C4687	1.40	0.069	1-2% mg diss py + 1*1 cm py vn @40 w 80% cse py		
BG11-138	396.70	398.10	C4688	1.40	<.03			
BG11-138	398.10	399.30	C4689	1.20	<.03	sil'd w tr fg diss py; 1*1 cm dol vn @15 w 3% fg py		
BG11-138	399.30	400.70	C4690	1.40	<.03			
BG11-138	400.70	402.30	C4691	1.60	<.03	lg grey and hly sil'd throughout; tr fg py along fracs		
BG11-138	402.30	403.80	C4692	1.50	0.206	lg grey and hly sil'd throughout; chl blobs + fracs w 2% fg diss py;		
BG11-138	405.00	406.20	C4693	1.20	0.069	1*15 cm zone w 2% leux + chl alt + 2*3-5 cm carb vns @55 w 10% mg brassy py		

Hole_ID	From	To	Sample_#	Length	Au ppm	Description	Au ppm_ck	Au ppm-ck2
BG11-138	413.80	415.10	C4694	1.30	<.03	1*2 cm qtz-dol-chl vn @55 w tr fg py		
BG11-138	415.10	416.00	C4696	0.90	0.137	1*1 cm py vn @35 w >80% cse py		
BG11-138	418.20	419.45	C4697	1.25	<.03	tr fg diss py		
BG11-138	419.45	420.25	C4698	0.80	<.03	1*3 cm carb-chl vn @75 adj to a wk flt w 2-3% fn to mg py; 1*1 cm chl vn @70 w 2-3% mg py		
BG11-138	420.25	421.50	C4700	1.25	<.03	2-3% fn to mg diss py + py along chl'd fracs		
BG11-138	421.50	422.90	C4701	1.40	<.03	strong carb-chl slip flts @0 w tr fg diss py		
BG11-138	422.90	424.20	C4702	1.30	<.03	1*2 cm carb vn @25; 1% v cse py conc along chl'd fracs + in chl'd blobs		
BG11-138	424.20	425.60	C4703	1.40	<.03	1*1 cm carb vn @30 w 20% mg py; tr fg diss py adj to vns		
BG11-138	425.60	426.90	C4704	1.30	<.03	3*0.5-1 cm carb vns @40 w >30% mg py; tr py also diss + conc along <0.1 cm fracs		
BG11-138	426.90	427.90	C4705	1.00	<.03	2*<0.5 cm carb vns @<15 w 7% mg py; moving out of wk infrequent py zone		
BG11-138	436.60	438.00	C4706	1.40	0.411	1-2% epd alt + 1*10 cm epd-qtz-carb vn @70		
BG11-138	439.70	441.00	C4707	1.30	<.03	3% epd alt + 1*30 cm zone of >80% stringy epd vns @55 w crosscuting 0.2 cm qtz-carb vns w 2% py + chalco		
BG11-138	443.90	444.90	C4708	1.00	<.03	1*2 cm epd-carb vn @75 w 1% mg py; mn py conc along qtz-carb vns + epd stringers		
BG11-138	444.90	446.30	C4709	1.40	<.03	2% epd alt as stringers + blobs w 2-3% fg diss py		
BG11-138	446.30	447.50	C4710	1.20	0.069	2% epd alt as stringers + blobs w 2-3% fg diss py		
BG11-138	447.50	449.00	C4711	1.50	<.03	1-2% py conc along epd vns + stringers		
BG11-138	449.00	450.80	C4712	1.80	<.03	1-2% py conc along epd vns + stringers		
BG11-138	464.80	465.70	C4713	0.90	<.03	2% epd alt w fg diss py in epd blobs; 1*1 cm qtz-carb-epd vn @15 w tr fg diss py		
BG11-138	465.70	467.50	C4714	1.80	<.03	1% epd altas blobs w fg diss py		
BG11-138	467.50	468.70	C4715	1.20	<.03	1*20 cm ank vn @40; 1% mg py along fracs		
BG11-138	468.70	469.70	C4716	1.00	*<.03*	1-2% fn to mg diss py; epd + red k-spar? alt		
BG11-138	469.70	471.20	C4717	1.50	*<.03*	2% epd alt as stringers + blobs some w tr fg diss py		
BG11-138	471.20	472.60	C4718	1.40	*<.03*	1% mg diss py ass w chl'd zones; red alt throughout poss k-spar alt?		
BG11-138	472.60	474.00	C4719	1.40	<.03	red alt w chl blobs; 2-3% mg diss py + along fracs; tr chalco in a 1 cm carb vn @25		
BG11-138	474.00	475.20	C4720	1.20	<.03	red alt w chl blobs; 3-4% mg diss py + along fracs + in chl'd zones		
BG11-138	475.20	476.00	C4722	0.80	<.03	1-2% mg diss py; 0.5-2 cm carb vns @25		
BG11-138	476.00	477.00	C4723	1.00	<.03	1-2% epd alt + 1*2 cm ank-qtz-epd vn @25; tr fn to mg diss py		
BG11-139	11.00	12.25	C4724	1.25	0.069	1% fg diss py + py along 1*1 cm chl vns @70		
BG11-139	12.25	13.40	C4725	1.15	<.03	1*1.5 cm chl vn @20 w >80% mg py; 1-2% mg diss py + py along fracs		
BG11-139	13.40	14.30	C4726	0.90	*0.480*	*5-7% py along fracs + along carb-chl vns @65-75 + diss in sil'd zones*		
BG11-139	14.30	15.30	C4727	1.00	*<.03*	FP w chl'd fracs; 1-2% mg py conc in chl'd blobs + along fracs + diss in groundmass		
BG11-139	15.30	16.40	C4728	1.10	*<.03*	1*0.3 cm py vn @15 w >80% mg py; 2% fg py diss in groundmass; 1*0.5 cm qtz-carb vn @0		
BG11-139	16.40	17.55	C4729	1.15	*<.03*	1% fg diss py		
BG11-139	17.55	18.70	C4730	1.15	*<.03*	1-2% fg diss py + py along fracs; 0.3 cm pk carb vns @0		
BG11-139	18.70	20.10	C4731	1.40	<.03	1-2% fg diss py + py along chl'd fracs		
BG11-139	20.10	21.00	C4732	0.90	<.03	1*2 cm qtz-carb vn @55 w >85% cse py + 1% adj fg diss py		
BG11-139	21.00	22.10	C4733	1.10	<.03	1*0.3 cm qtz-carb vn @40 w 80% cse py + 1% adj fg diss py		
BG11-139	22.10	23.20	C4734	1.10	*<.03*	*5-7% cse py along fracs + diss in groundmass + along 1*1 cm qtz-carb @35; 1*10 cm blk qtz vn @45 w 1% fg diss py; 1*5 cm qtz-carb vn @35 w 3% fg py*		
BG11-139	23.20	24.20	C4736	1.00	<.03	1% fg diss py		
BG11-139	24.20	25.30	C4737	1.10	<.03	1*5 cm zone w >80% py filled skeletal fracs; 1*3 cm qtz-carb-chl-ser shear @45 representing area of contact between FP/Tuff; hly BC near end w 1*3 cm gy qtz vn @20 w tr fg py		
BG11-139	25.30	26.70	C4738	1.40	<.03	Tuff w ser'd + chl'd stringers/fractures; <0.2 cm carb- chl vns + 1% fg diss py		
BG11-139	26.70	28.00	C4739	1.30	<.03	Tuff w ser'd + chl'd stringers/fractures; <0.2 cm carb- chl vns + 1% fg diss py; 1*4 cm qtz-chl-epd shear @50 representing lower contact w syenite		
BG11-139	28.00	29.50	C4740	1.50	<.03	ser'd + chl'd fracs; 1*50 cm lime green tuff intrusive within syenite w 1*15 cm ser'd + chl'd qtz-carb vn @40 w tr fg py		
BG11-139	29.50	30.90	C4741	1.40	<.03	1% fg diss py + py along chl'd fracs		
BG11-139	30.90	32.40	C4742	1.50	<.03	1-3% py in wk fracs + in 2*0.2-0.5 cm qtz vns @45-55		
BG11-139	32.40	33.75	C4743	1.35	<.03	chl'd + ser'd whispy fracs; 1-2% fg diss py + py filled fracs		
BG11-139	33.75	35.20	C4744	1.45	<.03	1-2% fn to mg py along chl'd fracs + in subrounded chl clasts		

Hole_ID	From	To	Sample_#	Length	Au ppm	Description	Au ppm_ck	Au ppm-ck2
BG11-139	39.25	40.70	C4745	1.45	<.03	1-2% fn to mg py diss in the groundmass + in subrounded chl clasts; 1*1.5 cm chl vn @40 w 5% cse py		
BG11-139	43.50	44.90	C4746	1.40	<.03	1*2 cm carb-chl vn @30 w 5% cse py		
BG11-139	46.30	47.80	C4747	1.50	0.274	*1*2 cm qtz-carb-chl vn @15 w tr mg py; 2*1-1.5 cm carb vns @10 w 5-7% cse py*		
BG11-139	**47.80**	**48.95**	**C4749**	**1.15**	**0.960**	***1*15 cm zone w qtz-carb vns + chl vns + >50% cse py in vns + along fracs; 1*0.2 cm carb-chl vn @10 w 15% mg py; 5% py diss in chl clasts***		
BG11-139	48.95	50.15	C4750	1.20	*0.206*	1*0.8 cm carb vn @30 w 15% mg py		
BG11-139	50.15	51.55	C4751	1.40	*<.03*	1-2% mg diss py + py hosted along fracs		
BG11-139	51.55	52.80	C4752	1.25	<.03	1*2 cm qtz-carb vn @45; ser + chl alt		
BG11-139	59.00	60.00	C4753	1.00	<.03	1*9 cm chl surrounded zone w ser flecs + 1% mg diss py; py also diss + hosted along fracs		
BG11-139	**66.30**	**67.40**	**C4754**	**1.10**	**0.754**	**1-2% fg diss py; 1*2 cm carb-chl vn @35 w 30% mg py**		
BG11-139	67.40	69.00	C4756	1.60	<.03	1-2% mg diss py + py hosted along fracs + py hosted in chl clasts		
BG11-139	77.70	78.60	C4757	0.90	0.137	buff brown orage sil alt w py filled fracs @20-35 w 3% mg adj diss py		
BG11-139	81.00	82.30	C4758	1.30	0.069	1-2% mg diss py + py along fracs; 1*1.5 cm carb vn @25 w adj 2% mg diss py in chl		
BG11-139	82.30	83.30	C4759	1.00	0.480	syenite/tuff sharp contact @45; 2-3% fg diss py; chl'd in tuff		
BG11-139	83.30	84.50	C4760	1.20	0.137	chl'd w 2-3% mg diss py; 1*0.5 cm carb-chl vn @30		
BG11-139	84.50	85.90	C4761	1.40	<.03	chl'd w 2-3% mg diss py; dk red spots in groundmass?		
BG11-139	85.90	87.20	C4762	1.50	<.03	chl'd w 1% fg diss py		
BG11-139	87.20	88.60	C4763	1.50	<.03	chl spots within lime green argillite-wacke w pk carb vns @0 TCA; 1-2% leux + mg diss py		
BG11-139	88.60	90.10	C4764	0.95	<.03	lime green argillite-wacke + chl alt w 2-3% fn to mg diss py		
BG11-139	90.10	91.60	C4765	1.35	<.03	1*30 cm zone of fg argillite-wacke light lime green coloured @30; bedding @50 w 1% mg diss py		
BG11-139	91.60	92.55	C4766	1.30	<.03	2*0.5-2 cm pk qtz-carb vns @20-45; 1-2% fn to mg py diss adj to vns		
BG11-139	92.55	93.90	C4767	1.15	<.03	*5-7% mg diss py + py along wt carb vns @40; slightly sil'd + chl'd in zones*		
BG11-139	93.90	95.20	C4768	1.35	<.03	*sil'd w 3-5% md to cse diss py esp in BC; 2*1.5-3 cm qtz-carb-chl vns @25-45 w 20% md to cse py*		
BG11-139	95.20	96.35	C4769	1.15	<.03	2% mg diss py		
BG11-139	96.35	97.70	C4770	1.35	<.03	2% mg diss py		
BG11-139	97.70	99.00	C4771	1.30	<.03			
BG11-139	99.00	100.00	C4772	1.00	<.03	1*0.3 cm py vn @25		
BG11-139	100.00	101.00	C4773	1.00	<.03	*hly alt'd dk brown to red and sil'd w <0.1 cm fled x-stals possibly x-stal tuff section; 1*30 cm zone w 15% cse py*		
BG11-139	101.00	102.00	C4775	1.00	<.03	1-2% spec hem; red and grainy w chl zones w 2-3% mg py		
BG11-139	102.00	103.50	C4776	1.50	<.03	2*2-5 cm chl vn @25,65 w 5% cse py; lime green argillite-wacke w carb/qtz vning, chl alt in blobs + 5% mg diss py		
BG11-139	104.50	105.20	C4777	0.70	<.03	*2-3% fg diss py; 1*30 cm zone w dk gn to blk chl alt, qtz-carb vning + 5% cse diss py*		
BG11-139	107.30	108.10	C4778	0.80	<.03	5% cse diss py ass w large dk gn to blk zones of chl + adj in the groundmass		
BG11-139	109.20	110.30	C4779	1.10	<.03	3% brassy md to cse diss py		
BG11-139	110.90	112.05	C4780	1.15	*<.03*	3% md to cse diss py; increasingly sil'd + cse grained to a beige colour		
BG11-139	112.05	113.45	C4781	1.40	*<.03*	sil'd w 2% <0.2 dol vns offset by ser'd microfractures; 2-3% fn to mg diss py		
BG11-139	114.50	116.00	C4782	1.50	*<.03*	hly fractured w ser'd fracs crosscuting <0.5 cm dol vns surrounded by lime gn wacke; 2-3% fn to mg py diss in groundmass and occasionally along fracs		
BG11-139	116.00	117.10	C4783	1.10	*<.03*	1*20 cm porphyritic dyke intrusion @30 w 2-3% fg diss py w adj lime gn wacke; 2-3% diss py also in tuff		
BG11-139	117.10	118.30	C4784	1.20	<.03	1*70 cm lime green argillite-wacke interval w an adj 1 cm py vn @25 w 60% fn to mg py		
BG11-139	118.30	119.40	C4786	1.10	<.03	40 cm of porphyritic brecciated texture representing poss dyke w chl-qtz-carb phenocrysts and clasts of lime green wacke-argillite; dyke and surrounding tuff has 2-3% mg diss py		
BG11-139	127.80	129.00	C4787	1.20	<.03	1*0.7 cm carb-chl vn @55 w 20% cse py; 2-3% cse diss py + py along fracs		
BG11-139	129.00	130.25	C4788	1.25	<.03	1-2% fg diss py; increasingly sil'd to tan colour w py filled fracs + increased diss py		
BG11-139	130.25	131.60	C4789	1.35	<.03	1-2% fn to mg diss py + py along fracs; 1*1 cm py vn @80 w >90% cse py		
BG11-139	131.60	132.85	C4790	1.25	<.03	Tuff/FP contact @35 at a qtz-carb-chl vn w 2-3% fn to mg diss py + py adj to contact; 2*0.3-0.5 cm qtz-carb vns @10-20 w ser/chl alt on edges		
BG11-139	132.85	134.35	C4791	1.50	<.03	1*0.3 cm ser'd pk qtz-carb vn @15 w 1% cse py; <0.2 cm ser'd carb vns @10 w 2% mg py		
BG11-139	135.70	137.25	C4792	1.55	<.03	1*50 cm qtz-carb-chl slip @0 TCA w 1% cse py + tr chalco		
BG11-139	141.55	142.90	C4793	1.35	<.03	1*40 cm carb-chl-ser slip @0 w 1% cse py; 2*0.5-1 cm qtz-carb vns @0, 30 w 1% mg py		
BG11-139	144.35	145.85	C4794	1.50	<.03	3% carb vning + mod py in fracs @10-25 TCA		

Hole_ID	From	To	Sample_#	Length	Au ppm	Description	Au ppm_ck	Au ppm-ck2
BG11-139	151.55	153.00	C4795	1.45	<.03	1-2% fg diss py + py in <0.2 cm fracs; transition to bimodal porphyry @50		
BG11-139	161.30	162.70	C4796	1.40	<.03	1*1 cm qtz-carb-chl vn @55; hly ser'd + chl'd in fracs w tr cse py; 1*1 cm qtz-carb vn @0 w mn spec hem		
BG11-139	173.50	174.60	C4797	1.10	<.03	2*0.3-1.5 cm qtz-carb vns @35,60; hly ser'd btw phenos w hem vns; tr cse diss py		
BG11-139	178.60	179.70	C4798	1.10	<.03	1*4 cm qtz-carb-chl vn @45 w adj chl slip; tr mg diss py		
BG11-139	187.00	188.50	C4799	1.10	<.03	1*3 cm dol vn @30 w chl alt around edges of vn		
BG11-139	197.00	198.10	C4800	1.10	<.03	1*35 cm zone w 80% qtz-dol-ank vning w vns @30, chl'd + ser'd; vuggy pk ank vns w tr mg py; 1*30 cm zone hly ser'd and slightly sheared w qtz-carb + chl vns		
BG11-139	212.70	213.70	C4801	1.00	0.069	*contact between BP/FP w py filled fracs @10 w 10-15% cse py*		
BG11-139	213.70	214.70	C4803	1.00	<.03	2% diss spec hem; 1% mg diss py + py filled fracs w 2-3% cse py		
BG11-139	214.70	216.00	C4804	1.30	0.069	tr fg diss py + 1-2% diss spec hem		
BG11-139	217.10	218.10	C4805	1.00	<.03	1*35 cm zone of brecciated + skeletal textured blk-grey-wt qtz-carb vns @20-35 w tr mg py		
BG11-139	219.50	221.00	C4806	1.50	0.069	1*0.3 cm chl'd + hem'd carb vn @15 w 2% fg py		
BG11-139	222.30	223.80	C4807	1.50	0.069	5*0.2-1 cm dol-ank vns @30-80 w tr to 4% mg py + adj diss py; 1-2% diss hem		
BG11-139	223.80	225.20	C4808	1.40	<.03	4*0.2-1.5 cm chl vns @15-30 w 1% mg py; 1-2% diss hem		
BG11-139	225.20	226.40	C4809	1.20	0.274	1*1.5 cm qtz-dol-ank vn @40 w 2% adj mg diss py; 1-2% diss hem		
BG11-139	229.10	230.40	C4810	1.30	<.03	10% qtz-dol-ank vning @15-45 w tr fg diss py + spec hem		
BG11-139	230.40	231.30	C4811	0.90	3.977	5% qtz-dol-ank vning @20-40 w tr fg diss py + spec hem; ser + chl alt in groundmass w tr py	3.771	4.183
BG11-139	243.90	244.70	C4812	0.80	<.03	BC w 2% cse diss py; 1*1 cm dol-ank-ser-chl shear @80		
BG11-139	250.40	251.70	C4813	1.30	<.03	<1% mg py along fracs; 1% diss hem		
BG11-139	251.70	253.00	C4814	1.30	0.069	1% cse py along fracs; 1% diss hem		
BG11-139	257.45	259.10	C4815	1.65	<.03	1-2% cse py diss + along fracs; 1*1.5 cm qtz-dol-ank vn @35 w ser alt + 3% hem		
BG11-139	262.75	264.00	C4816	1.25	<.03	hly ser'd along fracs + within groundmass w 1-2% mg py diss + along fracs + in dol-ank vns		
BG11-139	265.40	266.80	C4817	1.40	0.069	1-2% fn to mg diss py; <0.2 cm mag vns @50		
BG11-139	266.80	268.10	C4818	1.30	<.03	FP/diorite contact @30 w 3% fg diss py; diorite w 1% dol vns @35-60 + mn epd alt		
BG11-139	271.70	273.00	C4819	1.30	<.03	1% epd alt + 2% cse diss py		
BG11-139	274.60	275.90	C4820	1.30	0.754	2% brassy mg diss py + py along chl'd fracs		
BG11-139	275.90	277.00	C4821	1.10	<.03	*1*25 cm sil'd zone w sil-chl-carb vns @40 w 3% mg py*		
BG11-139	277.00	278.00	C4823	1.00	<.03	1*2 cm carb vn @40 w adj sheared chl + 1-2% mg diss py		
BG11-139	278.00	279.40	C4824	1.40	<.03	2% late dol vns @20-80; 1-2% py in chl'd fracs; 1*30 cm sil'd zone w 2-3% mg diss py		
BG11-139	279.40	280.60	C4825	1.20	*<.03*	2% late dol vns + epd alt; tr diss py		
BG11-139	283.40	284.70	C4826	1.30	<.03	2% late dol vns + epd alt; 1% fg diss py		
BG11-139	288.00	289.50	C4827	1.50	<.03			
BG11-139	**294.00**	**295.10**	**C4828**	**1.10**	**0.549**	**1*2 cm red/wt qtz-chl shear @60 w 20% fn to mg py; tr py along fracs**		
BG11-139	298.70	300.00	C4829	1.30	<.03	1*3 cm zone of qtz-carb vning @75 w tr mg diss py + chalco		
BG11-139	314.70	315.80	C4830	1.10	<.03	BC w 4% epd alt; 1-2% cse diss py + brassy brown chalco + tr blue/purple bornite?		
BG11-139	317.00	318.40	C4831	1.40	<.03			
BG11-139	318.40	319.50	C4832	1.10	2.297	**New Zone?: sil'd w 15% <0.3 cm mauve leux + 10-15% py diss + along fracs + within chl'd py vns @30**	2.331	2.263
BG11-139	**319.50**	**320.55**	**C4834**	**1.05**	**0.960**	**End of New Zone w a 30 cm sil'd zone w 10% mauve leux + 10% py diss + along chl'd fracs**		
BG11-139	320.55	322.00	C4835	1.45	0.069	1-2% cse diss py + 3% mg py along a 0.5 cm chl-carb vn @15		
BG11-139	322.00	323.00	C4836	1.00	<.03	1% mg py along fracs		
BG11-139	323.00	324.20	C4837	1.20	<.03	1% mg py along chl'd fracs; 1*3 cm qtz-carb vn @50 w tr mg py		
BG11-139	324.20	325.30	C4838	1.10	<.03	1*0.2 cm min'd chl slip @25 w ass 2% leux + 3% mg py		
BG11-139	325.30	326.60	C4839	1.30	0.480	1*35 cm zone w 10% mauve leux w 5% py diss + along vns		
BG11-139	326.60	327.85	C4840	1.25	<.03	hly alt'd w >10% leux, qtz-carb vning + 2-3% diss + frac hosted py		
BG11-139	327.85	329.20	C4841	1.35	0.069	hly alt'd w >10% leux, qtz-carb vning + 2-3% diss + frac hosted py; 1*7 cm qtz-carb vn @40 w 1% diss spec hem		
BG11-139	**329.20**	**330.60**	**C4842**	**1.40**	**0.549**	**hly alt'd w >10% leux + qtz-carb vning w tr diss py + spec hem; 1-2% frac hosted py**		
BG11-139	330.60	332.00	C4843	1.40	<.03	3% leux adj to a 0.4 cm carb vn @45 w 2-3% mg py; 0.1-0.3 cm magnetite vns @75		
BG11-139	333.40	334.80	C4844	1.40	*<.03*	10% leux + 2% qtz-carb vning; 1*7 cm qtz-carb vn @60 w chl alt, 2-3% fg diss py + spec hem		
BG11-139	336.20	337.65	C4845	1.45	*<.03*	1-2% carb vns incl 0.2 cm carb-chl vns @0 TCA		

Hole_ID	From	To	Sample_#	Length	Au ppm	Description	Au ppm_ck	Au ppm-ck2
BG11-139	337.65	338.90	C4846	1.25	<.03	3% dol-ank vns @55-75; 1*30 cm slightly sheared zone w qtz-carb shear @65 w 1% mg diss py + 3% leux		
BG11-139	341.30	342.50	C4847	1.20	<.03	BC w 2% dol vns @60 w 2-3% chalco + irredescent bornite + spec hem diss within the vns and adj in the groundmass		
BG11-139	351.40	352.60	C4848	1.20	<.03	*2% leux w 1-2% mg py in fracs; 1*4 cm grey-wt qtz vn @20 w 1-2% diss fg py + spec hem; 4*<1 cm red-blk hem vns @40 w adj 2% cse py in chl'd zones*		
BG11-139	352.60	354.35	C4850	1.75	<.03	<0.2 cm magnetite vns @40; 1*0.5 cm carb vn @45 w 1-2% diss py + chalco + bornite		
BG11-139	359.75	360.90	C4851	1.15	<.03	1*30 cm zone of qtz-carb vning @20-30 w 5% spec hem + adj 3% cse diss py in chl'd zones + 2% leux		
BG11-139	360.90	362.05	C4852	1.15	1.200	4% epd alt as vns @20 + epd spots; 2% leux + <0.5 cm magn + qtz + carb vns; 2% cse py ass w epd alt, adj to vns	1.166	1.234
BG11-139	362.05	363.00	C06989	0.95	0.274	INFILL		
BG11-139	363.00	364.00	C06990	1.00	<.03	INFILL		
BG11-139	364.00	365.00	C06991	1.00	0.343	INFILL		
BG11-139	365.00	366.00	C06992	1.00	<.03	INFILL		
BG11-139	366.00	367.00	C06993	1.00	0.206	INFILL		
BG11-139	367.00	368.00	C06994	1.00	0.206	INFILL		
BG11-139	368.00	369.00	C06995	1.00	<.03	INFILL		
BG11-139	369.00	370.60	C4853	1.60	<.03	hly mag w magnetite vns; qtz-carb vns @30-50; 1% mg diss py		
BG11-139	370.60	371.50	C4854	0.90	1.474	*1*50 cm sil'd zone w 10% mauve leux + 4-5% fg diss py; 1*0.3 cm chl'd qtz vn @10 w 5% fn to mg py*	1.371	1.577
BG11-139	371.50	372.60	C4856	1.10	<.03			
BG11-139	372.60	373.90	C4857	1.30	**<.03**	1*8 cm hem-chl-carb-qtz sheared zone @45 w 1% fg py; carb-chl vns @25		
BG11-139	373.90	375.00	C4858	1.10	<.03	1*3.5 cm carb-chl vn @40 w 1% fg py; 1*2 cm mag-carb vn @30 w 1% fg py		
BG11-139	**378.45**	**379.85**	**C4859**	**1.40**	**0.549**	**10% leux + <0.4 cm magn vns @50-60 some w 1-2% mg to cse py**		
BG11-139	379.85	381.25	C4860	1.40	1.714	*1*40 cm zone w 10% leux flecs + wkly min'd w 5-7% in py or qtz-carb vns @40-60 + fracs + diss; also some carb vns + blk grey qtz vns w tr py*	1.577	1.851
BG11-139	381.25	382.10	C06996	0.85	<.03	*INFILL*		
BG11-139	382.10	383.00	C06997	0.90	0.069	*INFILL*		
BG11-139	383.00	384.00	C06998	1.00	0.206	*INFILL*		
BG11-139	384.00	385.00	C06999	1.00	<.03	*INFILL*		
BG11-139	385.00	386.00	C7000	1.00	<.03	*INFILL*		
BG11-139	386.00	387.00	12451	1.00	<.03	*INFILL*		
BG11-139	387.00	388.45	C4861	1.45	<.03	4*<2 cm carb vns @40-70 w 2% adj leux + 1-3% mg py		
BG11-139	391.00	392.10	C4862	1.10	0.274	1*70 cm zone of >25% leux w 1*4 cm chl alt qtz-carb vn @20 w 3% mg py adj to vn		
BG11-139	396.00	397.50	C4863	1.50	<.03	hly magn due to magnetite vns; both wt carb + grey qtz vns @25-65; tr diss py ass w vns + 2% leux some red		
BG11-139	403.60	405.30	C4864	1.70	<.03			
BG11-139	405.30	406.40	C4865	1.10	<.03	1*80 cm pink to green shear zone w qtz-carb vning, ser-hem-chl alt + 1-2% fg py		
BG11-139	406.40	407.60	C4866	1.20	<.03	<1 cm pk carb vns + gr qtz vns @30-50 TCA w tr fg py		
BG11-139	407.60	409.00	C4867	1.40	<.03			
BG11-139	**409.00**	**410.50**	**C4868**	**1.50**	**5.555**	**1*70 cm zone sil'd pink w 3-5% cse py diss + conc along chl'd fracs and qtz-carb vns; 6% leux + chl'd in non sil'd zone**	5.486	5.623
BG11-139	**410.50**	**411.65**	**C4869**	**1.15**	**0.891**	**Ground core w 5% leux + carb vns @20-30 TCA; 2-3% cse diss py + py along fracs**		
BG11-139	**411.65**	**412.85**	**C4870**	**1.20**	**0.549**			
BG11-139	**412.85**	**414.00**	**C4871**	**1.15**	**0.960**	**Start of #1 or #2 Vn Structure of the South Zone: characterized by both grey to pk sil alt and wt carb alt throughout, 10-15% leux flecs, 2-15% sulphide content either diss, in fracs, qtz-carb vn hosted/ass and some within py vns w >80% py most @35 TCA; 10% leux + 3% cse diss py; 1*1.5 cm py vn @30 w >80% cse py**		
BG11-139	**414.00**	**415.20**	**C4872**	**1.20**	**3.909**	**As described in 412.85 to 414.00m; 3% cse diss py ass w zones w 10% leux; 1*30 cm grey sil'd zone w grey qtz vns @40 w 3% cse py**	3.977	3.84
BG11-139	**415.20**	**416.30**	**C4873**	**1.10**	**5.760**	**As described in 412.85 to 414.00m; sil'd and carb'd w 0.5-3 cm wt carb vns + pk qtz vns @30 w 5-7% adj py; 10% leux + chl'd fracs**	5.829	5.691

Hole_ID	From	To	Sample_#	Length	Au ppm	Description	Au ppm_ck	Au ppm-ck2
BG11-139	**416.30**	**417.25**	**C4874**	**0.95**	**3.634**	**As described in 412.85 to 414.00m; hly sil'd w 15% leux + 2-3% fn to mg diss py + py ass w wt to pk qtz vns @25-35**	3.634	3.634
BG11-139	**417.25**	**418.15**	**C4875**	**0.90**	**34.972**	**As described in 412.85 to 414.00m; hly sil'd w grey to wt qtz vns @30 + 15% fn to mg diss py/vn hosted py**	32.915	37.029
BG11-139	418.15	419.45	C4877	1.30	2.571	As described in 412.85 to 414.00m; 15% leux w 2-3% mg py hosted along fracs + diss; 3*1-3 cm qtz-carb vns @30-50	2.331	2.811
BG11-139	**419.45**	**420.75**	**C4878**	**1.30**	**0.686**	**End of #1 or #2 Vn Structure of the South Zone: 1*4 cm grey/wt qtz-carb vn @30 w 10% ass leux + 3% ass mg py; diorite becomes more fresh w no sil or carb alt, 2-3% wt dol vns, 2-3% py hosted along fracs, min leux**		
BG11-139	420.75	421.90	C4879	1.15	0.480	2-3% wt dol vns w 4*0.5 cm dol vns @15-25 w 5% cse py		
BG11-139	421.90	423.30	C4880	1.40	0.343	1-2% wt dol vns; 1% fg py along fracs + 1*0.2 cm grey qtz vn @25		
BG11-139	423.30	424.80	C4881	1.50	0.206	1*10 cm zone w 5% leux + 2-3% diss py		
BG11-139	428.00	429.30	C4882	1.30	0.343	1*1 cm qtz-carb vn @20 w 3% mg py + 3% leux; 1*5 cm qtz-carb-chl shear @50 w tr fg py		
BG11-139	431.25	432.35	C4883	1.10	0.206	epd alt as blobs around vns; 1*2 cm qtz-carb vn @70 w 2% cse py + chl blobs		
BG11-139	436.35	437.85	C4884	1.50	<.03	1-2% carb vns @25-35 w tr fg py + surrounded by 3% tan to mauve leux		
BG11-139	437.85	438.80	C4886	0.95	<.03	1*10 cm pk to wt qtz-dol vn @25 w chl + mag alt, 5% ass leux, 2% v cse py		
BG11-139	447.75	448.95	C4887	1.20	0.274	1*12 cm zone w 5% leux, epd alt + 1*1 cm carb-chl vn @30 w 30% cse py; 1-2% cse py conc along fracs		
BG11-139	448.95	450.00	C4888	1.05	0.480	*1*4 cm dol vn @35 w 3% v cse chalco + euh light py + blk prismatic rutile?; 1*3 cm qtz-dol vn @30 w an adj flt + chl alt w 2% fg py*		
BG11-139	**450.00**	**451.20**	**C4889**	**1.20**	**0.754**	**10% leux in a 45 cm zone w chl'd fracs w 1-2% py; followed by fsh diorite w 2% mg py in fracs + 1*1 cm py vn @40 w >70% mg py**		
BG11-139	451.20	452.60	C4890	1.40	0.411	2% epd alt + 2-3% mg py along fracs		
BG11-139	465.00	466.50	C4891	1.50	0.069	5% epd alt + 1*25 cm zone w >50% epd alt w tr diss py + 1*0.3 cm carb-chl vn @50 tr py		
BG11-139	466.50	467.70	C4892	1.20	0.137	3% epd alt + 1*1.5 cm dol vn @30 w tr chalco + py		
BG11-139	**471.40**	**472.70**	**C4893**	**1.30**	**0.549**	**lavender alt in groundmass between vns; 1*3 cm chl-carb slip @80 w 1-2% cse py within + adj in groundmass between dol vns**		
BG11-139	**472.70**	**474.00**	**C4894**	**1.30**	***0.549***	**1*25 cm zone w lavender alt + 5% mauve leux + 2-3% mg diss py**		
BG11-139	**474.00**	**475.15**	**C07382**	**1.15**	***0.617***	**infill**		
BG11-139	475.15	476.30	C07383	1.15	*0.343*	infill		
BG11-139	476.30	477.90	C4895	1.60	*0.480*	1*2.5 cm carb vn @25 w 3-4% mg py + hem surrounded by 7% leux; 2*<2 cm carb vns @50 w 2% py + hem; mn lavender alt around vns		
BG11-139	477.90	478.95	C07384	1.05	*<.03*	infill		
BG11-139	478.95	480.00	C07385	1.05	*<.03*	infill		
BG11-139	480.00	481.15	C07386	1.15	*<.03*	infill		
BG11-139	481.15	482.05	C07387	0.90	*<.03*	infill		
BG11-139	482.05	483.00	C07388	0.95	*<.03*	infill		
BG11-139	**483.00**	**483.70**	**C07389**	**0.70**	***0.617***	**infill**		
BG11-139	**483.70**	**484.70**	**C07390**	**1.00**	***0.549***	**infill**		
BG11-139	484.70	486.00	C4896	1.30	*0.343*	wk lavender alt'd zone begins w 3*1 cm chl-carb vns @25 w ass alt + 2% fg diss py		
BG11-139	**486.00**	**487.10**	**C07391**	**1.10**	***0.617***	**infill**		
BG11-139	**487.10**	**488.55**	**C4897**	**1.45**	***0.754***	**wk lavender alt'd zone w leux flecs and min sulphide; 2-3% fn to mg py ass w fracs + along qtz-carb vns + diss**		
BG11-139	488.55	490.00	C4898	1.45	*0.274*	wk lavender alt'd zone w 1*1.5 cm qtz-carb vn @25 w 3% mg py		
BG11-139	490.00	491.30	C4899	1.30	*0.480*	wk lavender alt'd zone w 1-2% diss py		
BG11-139	**491.30**	**492.40**	**C4900**	**1.10**	***0.960***	**wk lavender alt'd zone is sil'd w leux flecs + qtz-carb vns + min 1-2% diss py**		
BG11-139	**492.40**	**493.60**	**C4901**	**1.20**	**0.960**	**wk lavender alt'd zone is sil'd w leux flecs + 2-3% fg diss py**		
BG11-139	493.60	494.55	C07392	0.95	<.03	infill		
BG11-139	494.55	495.40	C07393	0.85	0.411	infill		
BG11-139	495.40	496.90	C4902	1.50	**<.03**	wk lavender alt'd zone w carb alt + carb vning w tr py/hem incl 1*2 cm carb-chl-hem vn @0 w tr py		
BG11-139	496.90	498.00	C07394	1.10	0.480	infill		
BG11-139	**498.00**	**499.05**	**C07395**	**1.05**	**0.617**	**infill**		

Hole_ID	From	To	Sample_#	Length	Au ppm	Description	Au ppm_ck	Au ppm-ck2
BG11-139	**499.05**	**499.90**	**C07396**	**0.85**	**0.960**	**infill**		
BG11-139	**499.90**	**500.80**	**C07397**	**0.90**	**0.891**	**infill**		
BG11-139	500.80	502.25	C4903	1.45	0.343	wk lavender alt'd zone w 2% cse py along fracs + in carb vns w spec hem; 1*2.5 cm qtz-carb vn @90 w spec hem		
BG11-139	502.25	503.75	C4904	1.50	0.411	wk lavender alt'd zone w 1% fn to mg py along fracs		
BG11-139	503.75	505.20	C4905	1.45	0.274	wk lavender alt'd zone w zones of pk qtz vning + 1% fg py along fracs		
BG11-139	505.20	506.30	C4906	1.10	0.137	end of lavender alt'd zone; 1*1.5 cm pk qtz-carb vn @25 w 1% fg py		
BG11-139	**506.30**	**507.60**	**C4907**	**1.30**	**0.686**	***Start of Min'd Zone Containing 20V?: min'd zone containing 5-15% leux, 2-20% sulphide mineralization in py vns @5-25 TCA, diss + along vns/fracs; 5% leux w 1*0.5 cm qtz-carb vn @0 w 1-2% fg py + adj 2-4% mg diss py***		
BG11-139	507.60	509.00	C4908	1.40	2.291	As described in 506.30 to 507.60; 5% leux w 1-2% mg py along fracs + carb vns @25-65	2.730	1.851
BG11-139	509.00	510.00	C4909	1.00	2.915	**As described in 506.30 to 507.60; 5-7% mg py diss + along qtz-carb vns from 1-3 cm @10-30 TCA + along chl'd fracs; 10% leux**	3.223	2.606
BG11-139	510.00	510.70	C4910	0.70	2.057	*As described in 506.30 to 507.60; 10% leux w 3-4% mg py diss + along fracs + along qtz-carb vns @30-35*	2.057	2.057
BG11-139	510.70	511.60	C4911	0.90	1.509	*As described in 506.30 to 507.60; 15% leux w 8-12% md to cse py in vns @20 + qtz-carb vns @ 25-35*	1.509	1.509
BG11-139	511.60	512.50	C4912	0.90	1.063	**As described in 506.30 to 507.60; 20V Structure? w 15% leux, 15-20% md to cse py in vns @15-20 w interbedded qtz-carb vns**	1.234	0.891
BG11-139	**512.50**	**513.50**	**C4914**	**1.00**	**0.960**	**As described in 506.30 to 507.60; 20V Structure? W 15% leux, 10-20% md to cse py in vns @5-15 w interbedded qtz+carb+chl vns; tr moly**		
BG11-139	**513.50**	**514.50**	**C4916**	**1.00**	**0.891**	**As described in 506.30 to 507.60; end of min'd zone w poss 20V structure; 10% leux, 2-5% mg diss py + py in vns @20**		
BG11-139	514.50	515.45	C4917	0.95	<.03	1-2% mg diss py + py along carb vns		
BG11-139	515.45	516.70	C4918	1.25	<.03	1*0.5 carb-chl vn @10		
BG11-139	516.70	517.65	C4919	0.95	0.411			
BG11-139	517.65	519.00	C4920	1.35	2.332	5% leux w 1*0.5 cm lavender alt'd carb vn @0 running along length of core, poss slip?	1.920	2.743
BG11-139	519.00	520.40	C4921	1.40	<.03	sil'd in zones w 5% leux, dol vns @20-75, <0.3 cm magn vns		
BG11-139	520.40	521.40	C07398	1.00	<.03	infill		
BG11-139	521.40	522.40	C07399	1.00	<.03	infill		
BG11-139	522.40	523.15	C07400	0.75	0.480	infill		
BG11-139	523.15	524.10	C07401	0.95	<.03	infill		
BG11-139	524.10	525.45	C4922	1.35	0.137	2*0.2-1 cm carb-chl vns @0 w tr fg py; 2% late dol vns		
BG11-139	525.45	526.45	C07402	1.00	<.03	infill		
BG11-139	526.45	527.45	C07403	1.00	0.069	infill		
BG11-139	**527.45**	**528.45**	**C07404**	**1.00**	**0.617**	**infill**		
BG11-139	528.45	529.85	C4923	1.40	1.063	1*25 cm zone w 5% leux + <0.5 cm qtz-carb vns @35-40 w spec hem + 1-2% adj md to cse diss py	1.234	0.891
BG11-139	**529.85**	**531.00**	**C07405**	**1.15**	**0.686**	**infill**		
BG11-139	**531.00**	**532.25**	**C07406**	**1.25**	**0.617**	**infill**		
BG11-139	532.25	533.50	C07407	1.25	<.03	infill		
BG11-139	533.50	535.05	C4924	1.55	0.343	1*1 cm carb-qtz-mag vn @20 w tr fg diss py + crosscutting late dol vns @60-85 which offset the vn as it runs near parallel to core; 5% leux in zones + 1*12 cm qtz-carb-hem-chl shear @80 w >5% spec hem + 1% fg diss py		
BG11-139	**535.05**	**535.85**	**C07408**	**0.80**	**0.686**			
BG11-139	**535.85**	**536.85**	**C07409**	**1.00**	**0.960**			
BG11-139	536.85	538.25	C4925	1.40	0.206	tr py along fracs + 2% late dol vning		
BG11-139	538.25	539.45	C4926	1.20	2.023	1-2% fn to mg py along chl'd fracs; 2-3% leux + pk qtz/wt carb vns @25-35 w the carb vns crosscutting the qtz vns (late)	1.851	2.194
BG11-139	**539.45**	**540.10**	**C07410**	**0.65**	**0.617**	**infill**		
BG11-139	540.10	540.85	C07411	0.75	0.274	infill		
BG11-139	**540.85**	**542.35**	**C4927**	**1.50**	**0.686**	**1-2% fn to mg py along chl'd fracs; 2-3% leux in zones + 3-4% spec hem**		
BG11-139	**542.35**	**543.60**	**C4928**	**1.25**	**0.754**	**1-2% fn to mg py along chl'd fracs + 3-4% spec hem + 2% late dol vning**		

Hole_ID	From	To	Sample_#	Length	Au ppm	Description	Au ppm_ck	Au ppm-ck2
BG11-139	**543.60**	**544.90**	**C4929**	**1.30**	**0.549**	**0.2-1 cm pk qtz vns @0 + wt vuggy carb vns @0-40 w 1% diss hem + tr fg py**		
BG11-139	544.90	546.00	C4930	1.10	1.338	1*1 cm qtz-carb vn @20 adj to a flt w gouge + 2-3% fn to mg py diss + in py vns + fracs	1.166	1.509
BG11-139	546.00	547.40	C4931	1.40	1.132	<0.5 cm qtz-carb vns @15-25 w 1% mg py; 3*1-1.5 cm py vns @20 w >70% cse py	1.234	1.029
BG11-139	**547.40**	**548.85**	**C4932**	**1.45**	**0.754**	**2-3% carb vning + 1*4 cm carb-chl vn @50 w 20% fg py**		
BG11-139	548.85	549.80	C4933	0.95	1.234	**Start of Bidgood Main Break:** the Bidgood Main Break is highly sheared @15-25 w chl+ carb alt throughout, qtz-carb vning, and wk py min w 1-3% py sheared in fracs + diss; hly chl'd w sheared 2% leux flecs, <1.5 cm qtz-carb vns @25, 1% fg diss py; 1*25 cm zone is bleached w pk qtz, perv carb/ser alt + chl'd fracs w tr py	1.234	1.234
BG11-139	549.80	550.80	C4934	1.00	0.411	As described in 548.85 to 549.80; bleached and perv alt'd by carb; 1*12 cm zone of flt gouge; hly sheared after main flt w perv chl+ser+carb alt, <1% fg diss py + 1*4 cm carb vn @55		
BG11-139	550.80	552.00	C4935	1.20	<.03	As described in 548.85 to 549.80; hly chl'd and carb alt'd w <1% fg diss py + small flts @30 w gouge adj 2-3% mg diss py		
BG11-139	552.00	553.30	C4936	1.30	<.03	As described in 548.85 to 549.80; 3*1-1.5 cm wt to pk qtz vns @25-70 w adj 1-2% mg diss py + py hosted along fracs		
BG11-139	553.30	554.50	C4937	1.20	3.429	As described in 548.85 to 549.80; 3% leux flecs + 1*30 cm zone of wt/pk qtz vning @20-30 w ser/chl alt + tr fg diss py	2.469	4.389
BG11-139	554.50	555.90	C4938	1.40	<.03	As described in 548.85 to 549.80; End of Bidgood Main Break w 3% leux, 3% cse py diss + along fracs; 0.2-2 cm wt to pk qtz-carb vns		
BG11-139	555.90	557.30	C4939	1.40	<.03	4*<1.5 cm qtz-carb vns @15-40 w 1-3% diss hem + mg py; 3% leux + 1*2 cm flt w an adj qtz-carb vn @30 w 3% mg py		
BG11-139	557.30	558.60	C4940	1.30	<.03	3% leux, 1-2% qtz-carb vns @20-75 w 2% ass py/hem		
BG11-139	**558.60**	**560.00**	**C4941**	**1.40**	**0.549**	**3% leux, 1-2% qtz-carb vns @20-75 w 2% ass py/hem; 1*3 cm wt qtz vn @40 w ser/chl alt**		
BG11-139	560.00	561.45	C4942	1.45	0.206	2-3% md to cse diss py + py along fracs; 3% leux flecs		
BG11-139	561.45	562.85	C4943	1.40	<.03	2-3% md to cse diss py + py along fracs; 3% leux flecs; 1*6 cm wt to pk qtz-carb vn @55 w adj chl + ser alt		
BG11-139	**562.85**	**564.00**	**C4944**	**1.15**	**0.686**	**hly chl'd and sheared @30 w 5% leux + 5-10% cse py in 1-3 cm qtz-carb vns @0-20 + diss in chl'd zones**		
BG11-139	564.00	565.50	C4946	1.50	<.03	3% leux + 2-3% md to cse diss py + py filled fracs		
BG11-139	565.50	566.65	C4947	1.15	0.069	*1*1 cm wt qtz vn @15 w adj 3-5% md to cse diss py; 3-5% py also diss in slightly sheared groundmass + conc along fracs*		
BG11-139	566.65	567.90	C4949	1.25	0.274	2% leux + >5% epd alt		
BG11-139	567.90	569.40	C4950	1.50	<.03	>5% epd alt in groundmass and along vns; 1*5 cm epd alt'd zone w <0.4 cm qtz-carb vns + tr fg diss py		
BG11-139	572.15	573.80	C4951	1.65	0.069	>5% epd alt in groundmass and along vns; 1*5 cm qtz-carb-chl vn @35 w 2% ass leux + py		
BG11-139	573.80	575.15	C4952	1.35	<.03	>5% epd alt in groundmass and around <0.4 cm py vns @ 10 w 5% md to cse py		
BG11-139	575.15	576.00	C4953	0.85	<.03	>5% epd alt in groundmass and around <0.3 cm py vns w 2-3% md to cse py; tr py also ass w <0.3 cm qtz-carb vns + chl'd zones		
BG11-140	4.50	5.65	C06840	1.15	<.03			
BG11-140	5.65	7.50	C06841	1.85	0.137	wy ser'd; 1" 15% cse d py @45		
BG11-140	7.50	9.00	C06842	1.50	<.03			
BG11-140	9.00	9.75	C06843	0.75	<.03	1/2" chl-sil vn w 20% cse d py+5% spec@45		
BG11-140	9.75	10.50	**C06869**	0.75				
BG11-140	10.50	12.00	C06844	1.50	0.274	wy sil'd; hily ser'd		
BG11-140	12.00	13.50	C06845	1.50	<.03	15% q-ank; hily ser'd		
BG11-140	13.50	14.40	C06846	0.90	<.03			
BG11-140	14.40	15.40	C06847	1.00	<.03			
BG11-140	15.40	16.20	C06848	0.80	<.03	flt gouge@ct; 1/4" chl vn w 20% f+cse d py@34		
BG11-140	16.20	16.85	C06850	0.65	<.03			
BG11-140	16.85	17.55	C06851	0.70	0.137	1/4" chl vn w 20% f+cse d py@34; 10% clots wy sil'd+ser'd w 10% f+cse d py		
BG11-140	17.55	18.30	C06852	0.75	<.03	10% clots wy sil'd+ser'd w 10% f+cse d py; 15% q-ank@40		
BG11-140	18.30	19.50	C06853	1.20	<.03	10% clots wy sil'd+ser'd w 10% f+cse d py@40		
BG11-140	19.50	20.30	C06854	0.80	<.03	0.1m chl'd+ser'd w 15% cse d py@42		
BG11-140	20.30	21.00	C06855	0.70	<.03			

Hole_ID	From	To	Sample_#	Length	Au ppm	Description	Au ppm_ck	Au ppm-ck2
BG11-140	21.00	22.50	C06856	1.50	<.03			
BG11-140	22.50	24.00	C06857	1.50	<.03			
BG11-140	24.00	25.50	C06859	1.50	<.03	0.5m 10% clots wy sil'd+ser'd w 10% f+cse d py+10% q-ank-all@40		
BG11-140	25.50	27.00	C06860	1.50	<.03			
BG11-140	27.00	28.20	C06861	1.20	<.03	0.1m pk hily sil'd@ct		
BG11-140	28.20	29.05	C06862	0.85	<.03	flt assd w 1/2" chl ann bx w rare cse d py imm foll by 0.2m 40% q-ank+sil'n w 3% cse d py		
BG11-140	29.05	30.00	C06863	0.95	<.03	25% q-ank bx		
BG11-140	30.00	31.50	C06864	1.50	<.03	5% clots wy sil'd+ser'd w 10% f+cse d py@40		
BG11-140	31.50	33.00	C06865	1.50	<.03	5% clots wy sil'd+ser'd w 10% f+cse d py@40		
BG11-140	33.00	34.50	C06866	1.50	<.03	0.1m pk hily sil'd w 1% cse d py@40		
BG11-140	34.50	36.00	C06867	1.50	<.03	1/4" chl-ank vn w 5% cse d py@45		
BG11-140	36.00	37.50	C06868	1.50	<.03	reddish		
BG11-140	37.50	39.00	C06870	1.50	<.03	reddish; 5% q-ank@45		
BG11-140	39.00	40.50	C06871	1.50	<.03			
BG11-140	40.50	42.00	C06872	1.50	<.03	0.15m olive gn alt'n w 1/8" 20% cse d py both ct's@60		
BG11-140	42.00	43.25	C06873	1.25	<.03			
BG11-140	43.25	44.70	C06874	1.45	<.03			
BG11-140	44.70	45.60	C06875	0.90	<.03	chl'c; 5%vuggy q-ank; 3% cse d py locy conc		
BG11-140	45.60	46.25	C06876	0.65	<.03	chl'c; 5%vuggy q-ank; 3% cse d py locy conc; 0.25m chl bx w 8% cse d py@45		
BG11-140	46.25	47.05	C06878	0.80	<.03	chl'c; 5%vuggy q-ank; 3% cse d py locy conc		
BG11-140	47.05	47.75	C06879	0.70	<.03			
BG11-140	**47.75**	**48.60**	**C06880**	**0.85**	**0.960**	**2*1/2" 40% cse py vn@40; flt imm foll by 0.2m q-ank-chl-ser-sil w 8% cse d py; mody bl'd**	1.097	0.823
BG11-140	48.60	49.50	C06881	0.90	<.03			
BG11-140	49.50	51.00	C06882	1.50	<.03			
BG11-140	51.00	52.50	C06884	1.50	<.03			
BG11-140	52.50	54.00	C06885	1.50	<.03			
BG11-140	54.00	55.50	C06886	1.50	<.03			
BG11-140	55.50	57.00	C06887	1.50	<.03			
BG11-140	57.00	58.40	C06888	1.40	<.03			
BG11-140	58.40	59.20	C06889	0.80	0.274	chl'c; 5%vuggy q-ank; 8%% cse d py locy conc		
BG11-140	**59.20**	**60.00**	**C06890**	**0.80**	**0.960**			
BG11-140	60.00	60.85	C06891	0.85	0.343	0.2m chl'c w 5%vuggy q-ank+ 8%% cse d py locy conc centred on flt		
BG11-140	60.85	62.20	C06892	1.35	<.03			
BG11-140	68.10	69.00	C06893	0.90	<.03			
BG11-140	69.00	69.95	C06894	0.95	0.343	2* 1/4" 30% cse py vn's@45+140 w 0.2m 10% cse d py between		
BG11-140	69.95	71.30	C06895	1.35	<.03			
BG11-140	**71.30**	**71.75**	**C06896**	**0.45**	**0.823**	**ct**		
BG11-140	71.75	73.00	C12462	1.25	0.069	INFILL		
BG11-140	73.00	74.00	C12463	1.00	<.03	INFILL		
BG11-140	74.00	75.00	C12464	1.00	<.03	INFILL		
BG11-140	75.00	76.00	C12465	1.00	<.03	INFILL		
BG11-140	76.00	77.00	C12466	1.00	<.03	INFILL		
BG11-140	77.00	77.90	C12467	0.90	<.03	INFILL		
BG11-140	**77.90**	**79.30**	**C06897**	**1.40**	**0.960**	**wy bl'd**		
BG11-140	79.30	80.05	C06898	0.75	<.03	0.1m w 5% cse d py@45		
BG11-140	86.95	88.30	C06899	1.35	0.137			
BG11-140	88.30	88.90	C06900	0.60	0.137			
BG11-140	88.90	90.00	C06901	1.10	<.03			
BG11-140	90.00	90.95	C06902	0.95	<.03	BC; bx		
BG11-140	90.95	92.25	C06903	1.30	<.03	4% cse d py		
BG11-140	92.25	93.50	C06904	1.25	<.03	4% cse d py		
BG11-140	93.50	94.40	C06905	0.90	<.03			

Hole_ID	From	To	Sample_#	Length	Au ppm	Description	Au ppm_ck	Au ppm-ck2
BG11-140	94.40	94.90	C06906	0.50	<.03	0.1m chlc @25 w 30% cse d+vn py@10		
BG11-140	94.90	96.00	C06908	1.10	<.03			
BG11-140	96.00	96.90	C06910	0.90	<.03			
BG11-140	96.90	98.20	C06911	1.30	0.137			
BG11-140	98.90	100.00	C06931	1.10	<.03	dk gy; 1/4" 20% cse py vn@55		
BG11-140	100.00	101.20	C06912	1.20	<.03			
BG11-140	101.20	102.40	C06913	1.20	<.03			
BG11-140	102.40	103.50	C06914	1.10	<.03			
BG11-140	103.50	104.30	C06915	0.80	<.03			
BG11-140	104.30	105.60	C06916	1.30	<.03	3/4" 50% cse py vn@30; hily bl'd; chl'd zones		
BG11-140	105.60	106.50	C06917	0.90	3.395	BC; hily bl'd; hily sil'd; vuggy; 10% cse d py gen @15	3.223	3.566
BG11-140	106.50	107.00	C06919	0.50	3.463	mody bl'd; alt'n ends on chl fract's w 1/4" 20% cse d py@45 over 0.05m	3.154	3.771
BG11-140	107.00	107.75	C06920	0.75	0.137			
BG11-140	107.75	108.80	C06921	1.05	2.023	2* 1/4" 25% cse py vn's assd w q-ank@45; 0.1m chl'd w 15% cse d py@45; 1" chl-ank vn w 20% cse d py@60	2.194	1.851
BG11-140	**108.80**	**109.40**	**C06922**	**0.60**	**0.549**	**0.15m chl'd w 25% cse d py @45**		
BG11-140	109.40	110.30	C06923	0.90	<.03	10% vuggy q-ank w 4% cse d py@45		
BG11-140	110.30	111.40	C06924	1.10	<.03			
BG11-140	121.10	121.95	C06925	0.85	<.03	0.1m chl'd w 10% cse d py@45		
BG11-140	124.50	125.50	C06926	1.00	<.03	10% q-ank		
BG11-140	125.50	126.40	C06927	0.90	<.03	3% cse d py		
BG11-140	126.40	127.00	C06928	0.60	<.03	2* 0.05m chl'd w 15% cse d py@45; flt in 1" q-ank-chl@45		
BG11-140	127.00	128.10	C06929	1.10	<.03			
BG11-140	128.10	129.20	C06930	1.10	<.03			
BG11-140	129.20	130.25	C06932	1.05	<.03	3% cse d py		
BG11-140	130.25	131.50	C06934	1.25	<.03	3% cse d py		
BG11-140	131.50	133.00	C06935	1.50	<.03			
BG11-140	133.00	133.70	C06936	0.70	<.03			
BG11-140	133.70	135.00	C06937	1.30	<.03	1/4" chl vn w 10% cse d py@55		
BG11-140	135.00	135.80	C06938	0.80	<.03			
BG11-140	135.80	136.50	C06939	0.70	<.03	1/4" 50% cse py vn@45		
BG11-140	136.50	137.50	C06941	1.00	<.03			
BG11-140	145.30	146.30	C06942	1.00	<.03	0.2m 30% q-ank+hily ser'd@40 imm foll by olive gn ser-chl		
BG11-140	146.30	147.70	C06943	1.40	<.03			
BG11-140	147.70	148.30	C06944	0.60	<.03	chl-ser alt'n@50 imm foll by 0.1m BC w flt		
BG11-140	148.30	149.40	C06945	1.10	<.03	the 0.1m BC w flt imm foll by 0.2m mody hem'd+ser-chl'd		
BG11-140	149.40	150.10	C06946	0.70	<.03	BC-posy w flt-is hily alt'd chl-ser-ank		
BG11-140	150.10	150.80	C06947	0.70	<.03	MAIN BRK 0.2m gouge imm foll by 0.1m hily bl'd cr'd		
BG11-140	150.80	152.00	C06948	1.20	<.03	25% q-ank in chl'd bx w 1% cse d py		
BG11-140	152.00	152.90	C06949	0.90	<.03	BC; dk gy-pur but no py; 10% q-ank		
BG11-140	152.90	153.60	C06950	0.70	<.03	mody hem'd w 15% q-ank frag's+ser+chl+12% cse d py+5% cp-all@45		
BG11-140	153.60	154.40	C07501	0.80	<.03	0.1m BC -likely ser-chl flt; 0.1m bull med-dk gy sil vn@45 in ser-chl-ank-no py		
BG11-140	154.40	155.25	C07502	0.85	<.03			
BG11-140	155.25	156.55	C07503	1.30	<.03			
BG11-140	156.55	157.50	C07504	0.95	0.069	wy sil'd w ser-chl@45+3% cse d py		
BG11-140	173.10	174.45	C07505	1.35	<.03			
BG11-140	174.45	175.45	C07506	1.00	<.03	1/4" dk-med gy chl-sil vn@60 imm prec by 0.05m hily bl'd ser'd-both w 5% cse d py; 0.2m hily bl'd yel-buffpor inlier could be bx frag but @60 w 3% cse d py		
BG11-140	175.45	176.20	C07507	0.75	<.03			
BG11-140	176.20	177.15	C07509	0.95	<.03	locy wy bl'd assd w flt where 1" 4% cse d py+q-ank		
BG11-140	177.15	178.50	C07510	1.35	<.03	1/8" 30% cp vn@52 in fresh dio		
BG11-140	178.50	179.80	C07511	1.30	0.137	1/2"+0.05m chl-ank w 30% cse d py@80+60		

Hole_ID	From	To	Sample_#	Length	Au ppm	Description	Au ppm_ck	Au ppm-ck2
BG11-140	179.80	180.40	C07513	0.60	0.137	1" 40% cse py vn@75		
BG11-140	180.40	181.25	C07514	0.85	0.274	3/4" 40% cse py vn@75		
BG11-140	181.25	181.80	C07515	0.55	<.03			
BG11-140	184.60	185.40	C07516	0.80	<.03	0.05m q-ank vn@ct; 1/4" chl fract@80 posy flt		
BG11-140	185.40	186.60	C07517	1.20	<.03			
BG11-140	186.60	187.85	C07518	1.25	<.03	flt w disc 1/4" 50% cse py vn; 1/2" 40% cse py vn assd w flt+chl@52		
BG11-140	187.85	189.10	C07519	1.25	0.274			
BG11-140	189.10	190.25	C07520	1.15	0.274	1" ser vn w 5% cse d py@30		
BG11-140	190.25	190.95	C07521	0.70	4.457	flt imm prec by 3/4" ser'd, bl'd w 6% cse d py; 0.1m q-ank-chl w 40% cse d py@40	4.800	4.114
BG11-140	**190.95**	**192.00**	**C07523**	**1.05**	**0.617**			
BG11-140	192.00	193.20	C12460	1.20	0.411	INFILL		
BG11-140	193.20	194.40	C12461	1.20	<.03	INFILL		
BG11-140	194.40	195.50	C07524	1.10	<.03			
BG11-140	195.50	197.05	C07525	1.55	<.03	5% cse d py@45; wy bl'd		
BG11-140	197.05	198.55	C07526	1.50	0.480			
BG11-140	**198.55**	**199.50**	**C07527**	**0.95**	**0.891**			
BG11-140	199.50	200.30	C07528	0.80	0.960	8% cse d py@60 over 0.2m	1.097	0.823
BG11-140	**200.30**	**201.00**	**C07529**	**0.70**	**0.754**			
BG11-141	5.50	6.00	C07530	0.50	<.03			
BG11-141	6.00	7.50	C07531	1.50	0.411			
BG11-141	7.50	9.00	C07532	1.50	<.03	0.05m q-ank in ser'd @75		
BG11-141	9.00	10.50	C07534	1.50	<.03	1" dk gy sil-chl@70 imm foll by 0.05m 20% cse d py		
BG11-141	10.50	12.00	C07535	1.50	<.03	0.3m w 12% cse d py		
BG11-141	12.00	13.50	C07536	1.50	<.03			
BG11-141	13.50	15.00	C07537	1.50	0.343	0.2m 8% cse d py		
BG11-141	15.00	16.50	C07538	1.50	<.03	4% cse d py		
BG11-141	16.50	18.00	C07539	1.50	0.411	4% cse d py; 0.3m ser'd w 10% cse d py@40		
BG11-141	18.00	19.35	C07540	1.35	<.03			
BG11-141	19.35	20.50	C07541	1.15	<.03	1" q-ank vn's in ser-chl w 5% cse d py- all contorted@10-15		
BG11-141	20.50	21.40	C07542	0.90	0.137			
BG11-141	21.40	22.20	C07543	0.80	0.069			
BG11-141	22.20	22.90	C07544	0.70	<.03			
BG11-141	22.90	24.00	C07545	1.10	<.03			
BG11-141	24.00	25.50	C07546	1.50	<.03			
BG11-141	25.50	27.00	C07547	1.50	0.069			
BG11-141	27.00	28.50	C07548	1.50	<.03			
BG11-141	28.50	30.00	C07549	1.50	<.03			
BG11-141	30.00	31.50	C07550	1.50	<.03			
BG11-141	31.50	33.00	C07551	1.50	<.03			
BG11-141	33.00	34.10	C07552	1.10	<.03			
BG11-141	34.10	35.10	C07553	1.00	<.03			
BG11-141	**35.10**	**36.10**	**C07554**	**1.00**	**0.960**	**3/4" 70% cse py vn@25-30**		
BG11-141	**36.10**	**36.90**	**C07555**	**0.80**	**0.823**	**1" dk gy qv w 8% cse d py@48**		
BG11-141	36.90	38.00	C07557	1.10	0.206			
BG11-141	38.00	38.85	C07558	0.85	0.343	1/4" 10% cse py vn on chl flt @40		
BG11-141	38.85	40.50	C07560	1.65	<.03	2% cse d py		
BG11-141	40.50	42.00	C07561	1.50	0.069	2% cse d py		
BG11-141	42.00	42.70	C07562	0.70	<.03	2* 3/4" 40% cse py vn's in chl@35+54		
BG11-141	42.70	43.50	C07563	0.80	<.03			
BG11-141	43.50	44.30	C07564	0.80	0.274	ct; 1/4" chl+20% cse d py@49 in mody bl'd		
BG11-141	44.30	45.50	C07565	1.20	<.03			
BG11-141	45.50	46.50	C07566	1.00	<.03			

Hole_ID	From	To	Sample_#	Length	Au ppm	Description	Au ppm_ck	Au ppm-ck2
BG11-141	46.50	47.80	C07567	1.30	<.03	1/4" chl+8% cse d py@40		
BG11-141	54.95	56.00	C07568	1.05	<.03	ct's		
BG11-141	62.60	63.40	C07569	0.80	<.03	ct		
BG11-141	63.40	65.00	C07570	1.60	<.03	ct		
BG11-141	65.00	66.35	C07571	1.35	<.03			
BG11-141	66.35	67.60	C07572	1.25	<.03	wy bl'd		
BG11-141	67.60	68.25	C07573	0.65	0.069	wy bl'd centred on 0.15m wt qv@45 w 5% cse d py locy conc		
BG11-141	79.55	80.30	C07574	0.75	<.03			
BG11-141	80.30	81.10	C07575	0.80	0.343			
BG11-141	81.10	82.25	C07576	1.15	0.480	wy bl'd; 2% cse d py		
BG11-141	**82.25**	**83.20**	**C07577**	**0.95**	**0.823**	**hily bl'd; vuggy locy; 1" med gy chl-sil w 8% cse d py@75; 1/8" 40% cse py vn@47on flt+truncates one @20**		
BG11-141	**83.20**	**84.25**	**C07579**	**1.05**	**0.686**	**wy bl'd; 2% cse d py**		
BG11-141	84.25	85.50	C07580	1.25	<.03			
BG11-141	90.00	91.75	C07581	1.75	<.03			
BG11-141	91.75	92.45	C07582	0.70	<.03	flt imm foll by 0.05m ser'd w 4% cse d py		
BG11-141	92.45	93.35	C07583	0.90	<.03			
BG11-141	93.35	94.70	C07585	1.35	<.03	2% cse d py		
BG11-141	94.70	95.65	C07586	0.95	<.03	2* 1/8" 5% cse d py assd w chl fract's		
BG11-141	98.00	98.85	C07587	0.85	<.03	0.15m bull dull gy q frag's@45 centres hily ser'd+bl'd olive gn		
BG11-141	98.85	100.25	C07588	1.40	<.03	5% q-ank; mody bl'd; chl fract @65 w 3/4" 2% cse d py		
BG11-141	100.25	101.45	C07589	1.20	<.03			
BG11-141	110.30	111.00	C07590	0.70	<.03	flt		
BG11-141	114.60	115.55	C07591	0.95	<.03	2" hily bl'd w 10% q-ank but no py@65		
BG11-141	118.80	119.70	C07592	0.90	0.206	flt ct; mody bl'd		
BG11-141	119.70	121.10	C07593	1.40	<.03	mody bl'd		
BG11-141	121.10	122.10	C07594	1.00	<.03			
BG11-141	122.10	123.00	C07595	0.90	<.03	2* 3/4" chl vn's either side of flt imm foll by 0.15m q-ank; 1-2% cse d py		
BG11-141	123.00	123.90	C07596	0.90	<.03	ct imm prec by 0.05m 8% cse d py in chl		
BG11-141	123.90	124.95	C07597	1.05	<.03			
BG11-141	124.95	126.30	C07598	1.35	<.03	0.2m 8% cse d py in chl @45		
BG11-141	126.30	127.75	C07599	1.45	<.03	0.1m bands chlc w 2-3% cse d py@45		
BG11-141	127.75	128.80	C07600	1.05	<.03	0.2m 8% cse d py in chl @45 imm foll by 15% leuco+3% cse d py		
BG11-141	128.80	129.70	C07601	0.90	<.03	15% leuco+3% cse d py		
BG11-141	129.70	130.90	C07602	1.20	<.03	last 0.2m 8% cse d py in chl @45		
BG11-141	130.90	132.00	C07603	1.10	<.03	0.2m 4% cse d py in chl; 1/8" 50% cse py vn@65		
BG11-141	132.00	133.40	C07604	1.40	<.03			
BG11-141	133.40	135.00	C07605	1.60	<.03			
BG11-141	135.00	136.15	C07606	1.15	<.03			
BG11-141	136.15	137.30	C07607	1.15	<.03			
BG11-141	**137.30**	**138.00**	**C07609**	**0.70**	**0.617**	**0.1m chl-sil vn w 30% cse d py@45**		
BG11-141	138.00	139.50	C07611	1.50	0.206	flt imm foll by 1" q-ank		
BG11-141	144.50	145.40	C07612	0.90	<.03	ct; flt		
BG11-141	145.40	146.20	C07613	0.80	<.03	wy shrd		
BG11-141	146.20	147.00	C07614	0.80	<.03	MAIN BRK-BC bounded by gouge flt's; 1% cse d py; 10% q-ank		
BG11-141	147.00	148.00	C07615	1.00	<.03	15% q-ank@68		
BG11-141	**148.00**	**149.30**	**C07616**	**1.30**	**0.960**	**5% leuco**		
BG11-141	149.30	150.00	C07617	0.70	2.675	0.15m 20% cse d+vn py @44	2.469	2.880
BG11-141	150.00	150.80	C07618	0.80	<.03			
BG11-141	150.80	152.20	C07619	1.40	0.069	0.2m hily bl'd imm prec by 0.2m ser-chl w3-4% cse d py		
BG11-141	152.20	153.20	C07620	1.00	0.206	0.2m wy hem'd		
BG11-141	153.20	154.40	C07621	1.20	<.03			

Hole_ID	From	To	Sample_#	Length	Au ppm	Description	Au ppm_ck	Au ppm-ck2
BG11-141	154.40	155.35	C07622	0.95	<.03			
BG11-141	155.35	156.00	C07623	0.65	<.03	25% q-ank in wy bl'd centred on flt		
BG11-141	156.00	157.30	C07624	1.30	<.03			
BG11-141	157.30	158.10	C07625	0.80	<.03			
BG11-141	**158.10**	**159.00**	**C07626**	**0.90**	**0.617**	**1/4" ser fract-posy flt@35; flt imm foll by 1" 90% cse py vn w 5% med gy qtz frag's-well min'd; 0.4m chl fract bounded w at least 1" 90% cse py vn@5**		
BG11-141	159.00	159.70	C07628	0.70	0.274	10% cse d +1/4" vn py @40 assd w ser-chl-ank		
BG11-141	159.70	160.50	C07629	0.80	0.069	1/8"+1/2" 50% cse py vn@76		
BG11-141	**160.50**	**161.10**	**C07630**	**0.60**	**0.686**	**1/2" 30% cse py vn@52; 0.2m q-ank vn w 1/2" 50% cse py vn's+ w flt's@52; rare cp**		
BG11-141	161.10	162.50	C07631	1.40	<.03			
BG11-141	162.50	163.60	C07632	1.10	<.03	3/4" 30% cse py vn@45 assd w fract; 1" 40% cse py vn@35; 10% q-ank		
BG11-141	163.60	164.60	C07634	1.00	<.03	0.05m dull wt qv w 3% cse d py bounded by 1/2" 30% cse py vn's-all@55		
BG11-141	164.60	165.40	C07635	0.80	<.03	0.05m q-ank-ser-chl w 15% cse d py@50		
BG11-141	165.40	166.70	C07636	1.30	2.160	60% sample w sil-chl-ser-ank w 50% cse d+vn py@54-62	2.263	2.057
BG11-141	166.70	167.60	C07638	0.90	<.03			
BG11-141	167.60	168.90	C07639	1.30	<.03	last 0.05m chlc w 20% cse d py@44 imm prec by flt imm prec by 0.2m 20% bull q-ank		
BG11-141	168.90	170.25	C07640	1.35	<.03	last 0.1m chl w 10% cse d py		
BG11-141	170.25	171.55	C07641	1.30	0.206			
BG11-141	171.55	172.75	C07642	1.20	0.206	10-15% cse py		
BG11-141	172.75	173.50	C07643	0.75	<.03	bleached at 174.2, 10% py		
BG11-141	173.50	174.50	C07644	1.00	<.03	min slip at 174.2 @50 deg TCA, 10% py		
BG11-141	174.50	175.60	C07645	1.10	<.03	5% cse py		
BG11-141	175.60	176.35	C07646	0.75	<.03	min py, bleached		
BG11-141	**176.35**	**177.00**	**C07647**	**0.65**	**0.549**	**small zone at 176.77, 4 cm py vein at 60 deg TCA**		
BG11-141	177.00	177.70	C07648	0.70	<.03	fairly pris		
BG11-141	180.85	181.50	C07649	0.65	<.03	micro frac, 10% disssem		
BG11-141	181.50	182.15	C07650	0.65	0.069	2cm py v,bleached at 181.7; 2-5cm wide		
BG11-141	182.15	182.70	C07651	0.55	<.03	min py, bleached		
BG11-141	182.70	183.55	C07652	0.85	<.03	bleached,10-15% py		
BG11-141	183.55	183.90	C07653	0.35	<.03	ca v; at 183.7; 60 deg TCA		
BG11-141	183.90	184.90	C07654	1.00	0.617	zone area, 15% cse py 184.1-184.8		
BG11-141	184.90	185.65	C07656	0.75	0.137	min black qtz v, 5% py		
BG11-141	185.65	186.75	C07657	1.10	0.069	py v, .05cm <5% of section		
BG11-141	186.75	187.50	C07659	0.75	<.03	Qtz-dol veining<5%;1-2% py		
BG11-141	187.50	188.60	C07660	1.10	<.03			
BG11-141	188.60	189.90	C07661	1.30	<.03	bleached at 189,1-2% py		
BG11-141	189.90	190.60	C07662	0.70	<.03	5% qtz-dol veining low to high angle		
BG11-141	190.60	191.50	C07663	0.90	<.03	qtz-dol v at 191 8cm at 60 deg TCA;1-3% py		
BG11-141	191.50	192.00	C07664	0.50	<.03	bleached;min py		
BG11-141	192.00	193.00	C07665	1.00	<.03	Qtz-dol-ser v at 192.9 at 45deg TCA 1cm;1-3% py		
BG11-141	193.00	194.00	C07666	1.00	<.03	qtz-dol v at193.9 60-70 deg TCA;5% py		
BG11-141	194.00	195.00	C07667	1.00	<.03	qtz-dol v bounded by 5mm py v		
BG11-141	195.00	195.80	C07668	0.80	<.03	wispy qtz-dol veining;1% py		
BG11-141	195.80	196.50	C07669	0.70	<.03			
BG11-141	196.50	197.05	C07670	0.55	<.03	weak slip-fault at 196.7, 2-3 mm py v;at 70 deg TCA		
BG11-141	197.05	198.00	C07671	0.95	<.03	wispy qtz-dol veining, min py		
BG11-141	209.00	209.50	C07672	0.50	<.03	inc spec hem 1% py		
BG11-141	**209.50**	**210.50**	**C07673**	**1.00**	**0.617**	**min'd v at 209.8-210.05, cse py at 65 deg TCA**		
BG11-141	210.50	211.00	C07674	0.50	<.03	1-2% py cal v's 60 deg TCA		
BG11-141	211.00	212.00	C07675	1.00	<.03	blocky core, dissem py 1-2% ser-chl veinlets pervasive		
BG11-141	213.00	213.60	C07676	0.60	<.03	<1% dissem py		
BG11-141	213.60	214.20	C07677	0.60	<.03	1-3%dissem py; blcky core perv cal v		

Hole_ID	From	To	Sample_#	Length	Au ppm	Description	Au ppm_ck	Au ppm-ck2
BG11-141	214.20	214.80	C07678	0.60	<.03	cal v 60 deg TCA 1% dissem py		
BG11-141	214.80	215.60	C07679	0.80	<.03	low to high ang cal v, min py		
BG11-142	6.50	8.00	C07680	1.50	<.03	min py		
BG11-142	8.00	9.00	C07681	1.00	<.03	cont at 8.6		
BG11-142	9.00	10.00	C07682	1.00	<.03	1-2% chl v,1-2% py,dissem		
BG11-142	10.00	11.00	C07683	1.00	<.03	<1%py		
BG11-142	11.00	12.00	C07684	1.00	0.343	fault-gouge at 11.25,chl		
BG11-142	12.00	13.00	C07685	1.00	<.03	hem,spec,< 1% py		
BG11-142	13.00	14.50	C07686	1.50	<.03			
BG11-142	14.50	16.00	C07687	1.50	<.03			
BG11-142	16.00	17.50	C07688	1.50	0.069			
BG11-142	**17.50**	**18.00**	**C07689**	**0.50**	**0.549**	**min qtz-dol v,1% py**		
BG11-142	18.00	18.90	C07690	0.90	4.526	sm zone 18.3-18.5,qtz-chl v at 40 deh TCA;5-8% py	4.526	4.526
BG11-142	18.90	20.20	C07691	1.30	1.098	1% py in qtz-chl v	1.166	1.029
BG11-142	20.20	21.50	C07692	1.30	<.03			
BG11-142	21.50	22.70	C07693	1.20	<.03	min py micro frac		
BG11-142	22.70	24.00	C07694	1.30	<.03			
BG11-142	24.00	25.00	C07695	1.00	<.03			
BG11-142	25.00	26.10	C07696	1.10	<.03	ser-chl alt at25.3		
BG11-142	26.10	27.00	C07697	0.90	<.03	ca v, micr frac, chl-ser v at 0-90 deg TCA; min py; spec hem <1%		
BG11-142	27.00	28.10	C07698	1.10	<.03			
BG11-142	28.10	29.00	C07699	0.90	<.03			
BG11-142	29.00	30.00	C07701	1.00	<.03	micro frac with chl-ser; low angle cal v		
BG11-142	30.00	31.50	C07702	1.50	<.03			
BG11-142	31.50	32.50	C07703	1.00	<.03			
BG11-142	32.50	33.60	C07704	1.10	<.03	cont, syenite-diorite		
BG11-142	33.60	35.00	C07705	1.40	<.03	cont, diorite-diorite bx		
BG11-142	35.00	36.00	C07706	1.00	<.03			
BG11-142	36.00	37.00	C07707	1.00	<.03			
BG11-142	37.00	38.00	C07708	1.00	<.03			
BG11-142	38.00	39.00	C07709	1.00	<.03	infilling of v, 1-4mm<1% py		
BG11-142	39.00	40.50	C07710	1.50	<.03	qtz-chl v, 30-45 deg TCA;min py		
BG11-142	40.50	42.00	C07711	1.50	<.03			
BG11-142	42.00	43.00	C07712	1.00	<.03	qtz-ser v, at 42.4;1-2 cmat 25deg TCA		
BG11-142	51.00	52.00	C07713	1.00	<.03	perv qtz-chl v"s		
BG11-142	52.00	53.00	C07714	1.00	0.069			
BG11-142	53.00	54.00	C07715	1.00	<.03			
BG11-142	54.00	55.00	C07716	1.00	<.03	blocky, cal v's, 10-20 deg TCA		
BG11-142	55.00	56.00	C07717	1.00	<.03	fault gouge at 55.3, 20 deg TCA, qtz-ser		
BG11-142	56.00	57.00	C07718	1.00	<.03	wispy qtz-ser v's,micro frac,1% py		
BG11-142	57.00	58.00	C07719	1.00	<.03	perv hem, chl, micro frac		
BG11-142	58.00	59.00	C07720	1.00	<.03	inc frac, cal-qtz 10- 15%infilling, 1-2% py		
BG11-142	59.00	60.00	C07721	1.00	<.03	perv hem, chl, micro frac, inc py		
BG11-142	60.00	61.00	C07722	1.00	<.03	perv hem, chl, micro frac, inc py		
BG11-142	61.00	62.00	C07723	1.00	<.03	prev		
BG11-142	62.00	63.00	C07724	1.00	<.03			
BG11-142	63.00	64.00	C07725	1.00	<.03			
BG11-142	64.00	65.00	C07726	1.00	<.03	as above		
BG11-142	65.00	66.00	C07727	1.00	<.03			
BG11-142	66.00	67.00	C07728	1.00	<.03			
BG11-142	68.00	69.00	C07729	1.00	<.03	as above		
BG11-142	69.00	70.00	C07730	1.00	<.03	inc py,1-3%		

Hole_ID	From	To	Sample_#	Length	Au ppm	Description	Au ppm_ck	Au ppm-ck2
BG11-142	70.00	71.00	C07731	1.00	<.03	inc py,1-3%		
BG11-142	71.00	72.00	C07732	1.00	<.03	qtz-ser-dol v,.05-1cm, min py dissem		
BG11-142	72.00	73.00	C07735	1.00	<.03	micro frac, min py		
BG11-142	73.00	74.50	C07736	1.50	<.03			
BG11-142	74.50	75.00	C07737	0.50	<.03	inc py in micro frac; 1-2%		
BG11-142	75.00	76.50	C07738	1.50	<.03	3-5mm v, qtz-py infilling		
BG11-142	76.50	78.00	C07739	1.50	<.03	qtz-ser-dol v		
BG11-142	78.00	79.00	C07740	1.00	<.03	qtz-ser-dol v;1-2% py in frac		
BG11-142	79.00	80.10	C07741	1.10	<.03			
BG11-142	**81.00**	**82.50**	**C07742**	**1.50**	**6.275**	**chl, v min py**	**11.452**	**1.097**
BG11-142	88.00	88.80	C07743	0.80	<.03	chl, v min py		
BG11-142	88.80	89.40	C07744	0.60	<.03	slip fault at 10-20 deg TCA		
BG11-142	89.40	90.00	C07745	0.60	<.03			
BG11-142	90.00	91.00	C07746	1.00	<.03	slip fault at 90.1, weak, py 1-2%		
BG11-142	91.00	92.00	C07747	1.00	<.03	perv hem, micro frac,1% py		
BG11-142	92.00	93.00	C07748	1.00	<.03	perv hem, micro frac,1% py		
BG11-142	93.00	94.00	C07749	1.00	<.03	prev		
BG11-142	94.00	95.00	C07750	1.00	<.03	frac parallel to CA		
BG11-142	95.00	96.00	C07751	1.00	<.03	1% py in v,micro frac		
BG11-142	96.00	97.00	C07752	1.00	<.03	prev		
BG11-142	97.00	98.00	C07753	1.00	<.03			
BG11-142	98.00	99.00	C07754	1.00	<.03			
BG11-142	99.00	100.00	C07755	1.00	<.03			
BG11-142	100.00	101.50	C07756	1.50	<.03	prev		
BG11-142	101.50	102.30	C07758	0.80	<.03	1% py in v,micro frac		
BG11-142	102.30	103.40	C07759	1.10	<.03	main break ? Gouge, min py 35 deg to CA		
BG11-142	103.40	104.30	C07761	0.90	0.206			
BG11-142	104.30	105.00	C07762	0.70	<.03			
BG11-142	105.00	106.00	C07764	1.00	<.03	chl,low angle, qtz-dol, wispy; min py		
BG11-142	106.00	107.00	C07765	1.00	<.03	prev		
BG11-142	107.00	108.00	C07766	1.00	<.03	inc hem		
BG11-142	108.00	109.00	C07767	1.00	<.03	1-2% low angle py seams, qtz-dol-chl, 1-2% py in v's		
BG11-142	109.00	110.00	C07768	1.00	<.03			
BG11-142	110.00	110.40	C07769	0.40	<.03	gouge at 110.08, 30 deg TCA		
BG11-142	110.40	111.00	C07770	0.60	<.03	chl dyke		
BG11-142	111.00	112.00	C07771	1.00	<.03	blocky ground		
BG11-142	112.00	113.00	C07772	1.00	<.03	dissem cse py 1% in qtz-dol v;1% py		
BG11-142	113.00	114.00	C07773	1.00	<.03	hem, as prev		
BG11-142	114.00	115.00	C07774	1.00	<.03	blocky ground		
BG11-142	115.00	116.50	C07775	1.50	<.03	min py		
BG11-142	116.50	118.00	C07776	1.50	<.03	prev		
BG11-142	118.00	119.00	C07777	1.00	<.03	slip fault at 118.47; qtz-ser		
BG11-142	119.00	120.00	C07778	1.00	<.03	blocky ground;gouge		
BG11-142	120.00	120.40	C07779	0.40	<.03	bleached, blocky min py		
BG11-142	120.40	121.00	C07780	0.60	<.03	main break?120.65-120.85;40 deg TCA		
BG11-142	121.00	121.60	C07781	0.60	<.03	abund micro frac, py infilling v,1-4mm,1-2% py		
BG11-142	121.60	123.00	C07782	1.40	<.03	gouge at 122.7		
BG11-142	123.00	123.70	C07783	0.70	<.03	cont, 123.55,syenite-diorite; fault-gouges, 123.34, 123.41; 45-50 deg TCA		
BG11-142	123.70	124.50	C07784	0.80	<.03	chloritic		
BG11-142	124.50	125.00	C07785	0.50	0.411			
BG11-142	125.00	126.00	C07786	1.00	<.03	fault-slip at 125.4, 50 deg TCA, qtz-ser-dol v		
BG11-142	126.00	127.50	C07787	1.50	<.03	fault-slip at 126.1, 55 deg TCA		

Hole_ID	From	To	Sample_#	Length	Au ppm	Description	Au ppm_ck	Au ppm-ck2
BG11-142	127.50	129.00	C07789	1.50	<.03	slip at 128.62, 30 deg TCA		
BG11-142	129.00	130.50	C07790	1.50	<.03	<<1% py		
BG11-142	130.50	132.00	C07791	1.50	<.03			
BG11-142	132.00	133.50	C07792	1.50	<.03			
BG11-142	133.50	135.00	C07793	1.50	<.03	magnetic at 134.35		
BG11-142	135.00	136.50	C07794	1.50	0.549			
BG11-142	136.50	138.00	C07795	1.50	<.03			
BG11-142	138.00	139.50	C07796	1.50	<.03			
BG11-142	139.50	140.50	C07797	1.00	<.03	bleached area,140.05- 140.4; 1% py dissem		
BG11-142	140.50	141.00	C07798	0.50	<.03	inc qtz-dol-ser, min py		
BG11-143	21.00	22.00	C07799	1.00	<.03	slip at 21.48;qtz-ser-dol v at 21.95,60 deg TCA,min py		
BG11-143	22.00	23.30	C07800	1.30	<.03	min qtz-carb v's		
BG11-143	23.30	24.00	C08501	0.70	<.03	qtz-carb-ser v, 20 deg TCA,min py		
BG11-143	24.00	24.60	C08502	0.60	<.03	perv chl, qtx-carb-ser v 1-2cm at 0-10 deg TCA		
BG11-143	24.60	26.00	C08503	1.40	<.03			
BG11-143	26.00	27.00	C08505	1.00	<.03			
BG11-143	27.00	27.70	C08506	0.70	<.03			
BG11-143	27.70	29.20	C08507	1.50	<.03	qtz-carb-ser v,.1.5 m; 0-10 deg TCA,shearing along v,1-10% dissem py		
BG11-143	29.20	30.00	C08508	0.80	<.03			
BG11-143	30.00	31.20	C08509	1.20	<.03	wisy qtz-dol v's		
BG11-143	31.20	31.70	C08510	0.50	<.03	py seam at 31.55,0-35 deg TCA,1cm wide		
BG11-143	31.70	33.00	C08511	1.30	<.03			
BG11-143	33.00	34.00	C08512	1.00	<.03			
BG11-143	34.00	34.80	C08513	0.80	<.03	seams of py;.05-1cm at 34.32 and 34.44, up to 100 % py; 70 deg TCA		
BG11-143	34.80	35.20	C08514	0.40	0.206	qtz-carb v at 35.0, 1 cm,70 deg TCA, 2% py		
BG11-143	35.20	36.10	C08515	0.90	<.03	<<1% py		
BG11-143	36.10	37.00	C08516	0.90	<.03	inc sil, min wispy qtz-dol v, min py		
BG11-143	37.00	38.00	C08517	1.00	<.03	dissem py < 1%		
BG11-143	38.00	39.00	C08518	1.00	0.069			
BG11-143	39.00	40.50	C08519	1.50	<.03			
BG11-143	40.50	41.30	C08520	0.80	0.274	qtz-dol v, infilled w py, pinch and swells, 1%		
BG11-143	41.30	42.00	C08521	0.70	<.03	perv chl alt, min py		
BG11-143	**42.00**	**42.70**	**C08522**	**0.70**	**0.960**	**min qtz-ser v, py infilling, 2-4mm, 60 deg TCA**		
BG11-143	42.70	43.70	C08523	1.00	<.03	min qtz-ser v, py infilling, 2-5 mm		
BG11-143	43.70	45.00	C08524	1.30	<.03	slip at 44.84 @ 55 deg TCA, 1% py,qtz-dol-ser		
BG11-143	**45.00**	**46.00**	**C08525**	**1.00**	**0.754**			
BG11-143	46.00	46.60	C08526	0.60	0.137	min dieem py		
BG11-143	46.60	47.30	C08527	0.70	0.069	contact diorite bx-porph,46.84-47.12,qtz-ser-ser with py, 1-2%		
BG11-143	47.30	48.60	C08528	1.30	<.03	py within silicious morphs, .05-1cm,1%		
BG11-143	48.60	49.60	C08529	1.00	<.03	min disem py		
BG11-143	49.60	50.60	C08530	1.00	<.03	min wispy qtz-dol v, min py		
BG11-143	50.60	51.60	C08531	1.00	<.03	min dieem py, and within silicious morphs, v minor		
BG11-143	51.60	52.50	C08532	0.90	<.03	perv chl		
BG11-143	52.50	53.20	C08533	0.70	0.137	chloritic alt, 52.6- 1-2% py		
BG11-143	53.20	54.30	C08536	1.10	0.069	inc sil, qtz-dol-ser v perv		
BG11-143	54.30	55.50	C08537	1.20	0.069	wispy, qtz-dol-ser v		
BG11-143	55.50	56.40	C08538	0.90	<.03	slip at 55.97@50 deg TCA, perv chl		
BG11-143	**56.40**	**57.40**	**C08539**	**1.00**	**0.754**	**wispy, qtz-dol-ser v**		
BG11-143	57.40	58.00	C08540	0.60	<.03	gouge at 57.8, Main break?		
BG11-143	58.00	59.00	C08541	1.00	<.03	min wispy qtz-dol v, min py		
BG11-143	59.00	60.00	C08542	1.00	<.03	slip at 59.25@ 55 deg TCA		
BG11-143	**60.00**	**61.00**	**C08543**	**1.00**	**0.823**	**py seam 75% at 60.8, .05 cm, dissem py 1-5% at 60.8-61**		

Hole_ID	From	To	Sample_#	Length	Au ppm	Description	Au ppm_ck	Au ppm-ck2
BG11-143	**61.00**	**62.00**	**C08544**	**1.00**	**0.617**	**slip at 61.35 @ 50 deg TCA, 1-4 mm py seams, 1-2%**		
BG11-143	62.00	63.00	C08545	1.00	0.206	min wispy qtz-dol v, min py		
BG11-143	63.00	64.00	C08546	1.00	<.03	perv chl		
BG11-143	64.00	64.70	C08547	0.70	<.03	perv chl		
BG11-143	64.70	65.40	C08548	0.70	0.069	qtz v, 20% py at 65.1-65.11		
BG11-143	65.40	66.70	C08549	1.30	<.03	inc sil, qtz-dol-ser v perv, 1% py		
BG11-143	**66.70**	**67.30**	**C08550**	**0.60**	**0.549**	**inc sil, py 1-3%**		
BG11-143	67.30	68.00	C08551	0.70	<.03	1-2% dissem py		
BG11-143	68.00	69.00	C08552	1.00	<.03			
BG11-143	69.00	69.55	C08553	0.55	1.989	qtz-ser-chl v at 69.15-69.18,@45 deg TCA,75% py	1.920	2.057
BG11-143	69.55	70.60	C08554	1.05	<.03	qtz-ser-chl v at 69.85-69.93@ 45 deg TCA,1-2% py		
BG11-143	70.60	72.00	C08555	1.40	<.03	min ca v, @ 35 deg TCA,min bleb of cpy at 70.8; dissem py 1-2%		
BG11-143	72.00	73.30	C08556	1.30	<.03	min dissem py		
BG11-143	73.30	74.40	C08557	1.10	<.03	min wispy qtz-dol v, min py seams 1-3mm<1%		
BG11-143	74.40	75.50	C08558	1.10	<.03	min wispy qtz-dol v, min py seams 1-3mm<1%		
BG11-143	75.50	76.20	C08559	0.70	0.137	qtz-dol-ser v at 75.83-75.93 @55 deg TCA, 50% py		
BG11-143	76.20	77.00	C08560	0.80	0.206	min wispy qtz-dol v, min py seams 1-3mm<1%; qtz-dol v at 76.6, 1-4 cm		
BG11-143	77.00	78.00	C08561	1.00	0.343	inc silica, fault-gouge at 77.7@55 deg TCA		
BG11-143	78.00	79.00	C08562	1.00	0.206	1% dissem py		
BG11-143	79.00	80.00	C08563	1.00	0.137	1% dissem py		
BG11-143	80.00	81.20	C08564	1.20	<.03	1% dissem py		
BG11-143	81.20	81.80	C08565	0.60	<.03	qtz-dol-ser v at 81.4 @50 deg TCA, 50% py,1-2 cm		
BG11-143	81.80	83.00	C08566	1.20	0.069	1% dissem py; blocky		
BG11-143	83.00	84.50	C08567	1.50	<.03	1% dissem py; blocky		
BG11-143	84.50	85.50	C08568	1.00	<.03	1% dissem py; blocky		
BG11-143	85.50	86.50	C08570	1.00	<.03	in epidote v; cse py in 5% of v;rqd =low,10-20		
BG11-143	86.50	87.50	C08571	1.00	<.03	in epidote v; cse py in 5% of v;rqd =low,10-20		
BG11-143	87.50	88.70	C08572	1.20	<.03	perv epidote veining		
BG11-143	88.70	89.50	C08573	0.80	1.200	1.5cm seam of py at 88.75, up to 80% py	1.371	1.029
BG11-143	89.50	90.50	C08575	1.00	0.137	perv epidote veining, min py		
BG11-143	90.50	91.00	C08576	0.50	0.274	perv epidote veining, min py		
BG11-143	91.00	91.50	C08577	0.50	1.234	very blocky,v's of py within epidote, 5-10% dissem in section	1.234	1.234
BG11-143	91.50	93.00	C08578	1.50	2.332	very blocky core,at 92.9 up to 50% py in 1-2cm seam at 92.9	2.400	2.263
BG11-143	93.00	93.50	C08579	0.50	0.343	93.5-96m drillers note, washed clay seams, section missing approx 2m		
BG11-143	93.50	96.00	C08580	2.50	<.03	ground pieces of py within fragments of broken core, actual section =.4-.5m		
BG11-143	96.00	97.00	C08581	1.00	<.03	contact, QFP- diorite at 96.7,slip at 97.04 at 70 deg TCA		
BG11-143	97.00	98.00	C08582	1.00	0.069	fresh QFP		
BG11-143	98.00	99.50	C08583	1.50	<.03	fresh QFP		
BG11-143	99.50	101.00	C08584	1.50	<.03	fresh QFP		
BG11-143	101.00	102.30	C08585	1.30	<.03	contact, QFP- diorite at 102.1, at 50 deg TCA, 1-2mm cse py at contact		
BG11-143	102.30	103.50	C08586	1.20	<.03	perv epidote veining, py 1-3% throughout veining, and in "blotchy" sections of epidote		
BG11-143	103.50	105.00	C08587	1.50	<.03	perv epidote veining, py 1-3% throughout veining, and in "blotchy" sections of epidote		
BG11-143	105.00	106.00	C08588	1.00	<.03	inc silica ; 1-3% dissem py		
BG11-143	106.00	107.00	C08589	1.00	<.03	inc silica ; 1-3% dissem py		
BG11-143	107.00	108.00	C08590	1.00	0.274	107.45-107.49, py seam at 60 deg TCA, 50% py; 1-5% dissem py		
BG11-143	108.00	109.00	C08591	1.00	0.206	1-5% dissem py		
BG11-143	109.00	110.00	C08592	1.00	0.274	1-5% dissem py		
BG11-143	110.00	111.00	C08593	1.00	<.03	1-5% dissem py		
BG11-143	111.00	112.00	C08594	1.00	<.03	1-3% dissem py		
BG11-143	**112.00**	**113.00**	**C08595**	**1.00**	**0.823**	**1-5% dissem py**		
BG11-143	113.00	114.00	C08596	1.00	<.03	inc silica, dissem py 5-10%		
BG11-143	114.00	115.00	C08597	1.00	0.274	1-5% dissem py		

Hole_ID	From	To	Sample_#	Length	Au ppm	Description	Au ppm_ck	Au ppm-ck2
BG11-143	115.00	116.00	C08598	1.00	0.206	qtz-ser-dol vein, at 115.9- 115.95, at 60 deg TCA		
BG11-143	116.00	117.00	C08599	1.00	0.274	inc epidote v		
BG11-143	117.00	118.00	C08600	1.00	<.03	1-3% dissem py		
BG11-143	118.00	119.00	C08603	1.00	<.03	perv epidote veining, py 1-3% throughout veining, and in "blotchy" sections of epidote		
BG11-143	119.00	120.00	C08604	1.00	<.03	min py dissem		
BG11-143	120.00	121.00	C08605	1.00	0.343	perv epidote veining; 1-2mm wide; py 1-3% throughout veining;1% dissem py		
BG11-143	121.00	122.00	C08606	1.00	0.069	perv epidote veining; 1-2mm wide; py 1-3% throughout veining;1% dissem py		
BG11-143	122.00	123.00	C08607	1.00	<.03	perv epidote veining; 1-2mm wide; py 1-3% throughout veining;1% dissem py		
BG11-143	123.00	124.00	C08608	1.00	<.03	perv epidote veining; 1-2mm wide; py 1-3% throughout veining;1% dissem py		
BG11-143	124.00	125.00	C08609	1.00	<.03	qtz-dol v at 124.7@25 deg TCA		
BG11-143	125.00	126.00	C08610	1.00	<.03	qtz-cal-ser v at 125.5m;10 deg TCA		
BG11-143	126.00	127.00	C08611	1.00	<.03	epidote decreasing		
BG11-143	127.00	128.00	C08612	1.00	<.03	<1% py dissem		
BG11-143	128.00	129.00	C08613	1.00	<.03	low angle qtz-dol v, 4mm, at 128.5; 0 deg TCA		
BG11-143	129.00	130.00	C08614	1.00	<.03	dol clasts within diorite groundmass,1x2 cm, starts at 129m		
BG11-143	130.00	131.00	C08615	1.00	<.03	perv epidote veining, py 1% throughout veining		
BG11-143	131.00	132.00	C08616	1.00	<.03	prev		
BG11-143	132.00	132.70	C08617	0.70	<.03			
BG11-143	132.70	133.40	C08618	0.70	<.03	min epidote v with 50% py, 1-4mm;dol clasts start at 133.05		
BG11-143	133.40	134.00	C08619	0.60	<.03	1-2% dissem py within groundmass, 1-5mm py v in epidote, 50% py		
BG11-143	134.00	135.00	C08620	1.00	<.03	1-2% dissem py within groundmass, 1-5mm py v in epidote, 50% py		
BG11-143	135.00	136.00	C08621	1.00	<.03	inc py		
BG11-143	136.00	136.40	C08622	0.40	4.217	area of ground py, through section of approx .4m	4.114	4.320
BG11-143	136.40	137.00	C08625	0.60	0.137	in epidote v, py 1% dissem		
BG11-143	**137.00**	**138.00**	**C08626**	**1.00**	**0.617**	**in epidote v, py 2-5% dissem, and in v's**		
BG11-143	138.00	139.00	C08627	1.00	<.03	dec epi, v's		
BG11-143	139.00	140.00	C08628	1.00	<.03	prev		
BG11-143	140.00	141.00	C08629	1.00	<.03	min dissem py,perv epidote v's		
BG11-143	141.00	142.00	C08630	1.00	<.03	inc silica at 141.5		
BG11-143	142.00	143.00	C08631	1.00	<.03	inc silica at 142.7		
BG11-143	143.00	144.00	C08632	1.00	<.03	perv epidote veining, py 1% throughout veining		
BG11-143	144.00	145.00	C08633	1.00	<.03	slip at 144m @ 60 deg TCA		
BG11-143	145.00	146.00	C08634	1.00	<.03	slip at 145.6m @ 65 deg TCA, qtz-ser-dol, 1mm band py		
BG11-143	146.00	147.00	C08635	1.00	<.03	wispy, qtz-dol-ser v's, min dissem py		
BG11-143	147.00	148.00	C08636	1.00	<.03	wispy, qtz-dol-ser v's, low to high angle, min dissem py		
BG11-143	148.00	148.70	C08637	0.70	<.03	wispy, qtz-dol-ser v's, low to high angle, min dissem py		
BG11-143	148.70	149.40	C08638	0.70	<.03	inc dissem py		
BG11-143	149.40	150.40	C08639	1.00	<.03	micro fract, black qtz in fract, 1-5% py, within fract		
BG11-143	150.40	151.40	C08640	1.00	<.03	micro fract, black qtz in fract, 1-5% py, within fract		
BG11-143	151.40	152.40	C08641	1.00	<.03	micro fract, black qtz in fract, 1-5% py		
BG11-143	152.40	153.20	C08642	0.80	<.03	perv epidote veining, py 1% throughout veining		
BG11-143	153.20	154.20	C08643	1.00	<.03	perv epidote veining, py 1% throughout veining		
BG11-143	154.20	155.00	C08644	0.80	<.03	qtz-dol-ser v 154.2-154.95, up tp 3cm wide,@ 0-20 deg TCA; min dissem py		
BG11-143	155.00	156.40	C08645	1.40	<.03	1-2% dissem py		
BG11-143	156.40	157.00	C08646	0.60	<.03	inc silica, at 156.45-156.55, py 1%		
BG11-143	157.00	158.00	C08648	1.00	<.03	carb veining@45 deg TCA,		
BG11-143	158.00	159.50	C08649	1.50	<.03	carb veining@45 deg TCA,		
BG11-143	159.50	161.00	C08650	1.50	<.03	carb veining@45 deg TCA,		
BG11-143	161.00	162.50	C08652	1.50	<.03	carb veining@45 deg TCA,		
BG11-143	162.50	163.50	C08653	1.00	<.03			
BG11-143	163.50	164.50	C08654	1.00	<.03	inc silica, min cse py		
BG11-143	164.50	166.00	C08655	1.50	<.03			

Hole_ID	From	To	Sample_#	Length	Au ppm	Description	Au ppm_ck	Au ppm-ck2
BG11-143	166.00	167.50	C08656	1.50	<.03	slip at 167.4 15 deg TCA		
BG11-143	167.50	169.00	C08657	1.50	<.03	perv carbonate v, low to high angle		
BG11-143	169.00	170.50	C08658	1.50	<.03	magnetic intermittantly from 170m;perv carbonate v's, minor, min py dissem		
BG11-143	170.50	172.00	C08659	1.50	<.03	perv carbonate v, low to high angle		
BG11-143	172.00	173.50	C08660	1.50	<.03	low angle carb v at 173-173.5, 0-10 deg TCA		
BG11-143	173.50	175.00	C08661	1.50	<.03			
BG11-143	175.00	176.50	C08662	1.50	<.03			
BG11-143	176.50	178.00	C08663	1.50	<.03			
BG11-143	178.00	179.50	C08664	1.50	<.03			
BG11-143	179.50	181.00	C08665	1.50	<.03	inc silica 180-180.1, dissem py 1%		
BG11-143	181.00	182.50	C08666	1.50	<.03	QFP int, at 181.93-182.3		
BG11-143	182.50	183.00	C08667	0.50	<.03	inc dissem py 1-2%		
BG11-143	**183.00**	**183.70**	**C08668**	**0.70**	**0.617**	**few py bands at 90 deg TCA; 1-3%, through section**		
BG11-143	**183.70**	**184.40**	**C08669**	**0.70**	**0.411**			
BG11-143	**184.40**	**185.40**	**C08670**	**1.00**	**0.891**	**1-2% dissem py**		
BG11-143	185.40	186.00	C08671	0.60	0.274	cse py in qtz v, 2-5mm		
BG11-143	186.00	186.90	C08672	0.90	<.03			
BG11-143	186.90	188.00	C08674	1.10	0.206	inc dissem py, 1-3%; qfp clast at 187.6-187.8		
BG11-143	188.00	188.60	C08675	0.60	<.03	inc silica, min py dissem		
BG11-143	188.60	189.65	C08676	1.05	0.137	inc py in black qtz v's,3mm-1.5cm,3% in section, inc dissem py, 2-5%		
BG11-143	189.65	190.60	C08678	0.95	<.03	qfp within section, 189.65-189.85, 1-2% dissem py		
BG11-143	190.60	191.25	C08679	0.65	<.03	qfp within section, 190.6-190.7; min dissem py		
BG11-143	191.25	192.00	C08680	0.75	0.069	1-5% dissem py; clasts of qfp 3-4 cm, seams of py 3mm-1cm,1%;contact of diotite-syenite within sample		
BG11-143	192.00	193.00	C08681	1.00	<.03	min dissem py		
BG11-143	193.00	194.50	C08682	1.50	<.03	clasts of qfp diminish; min py		
BG11-143	194.50	196.00	C08683	1.50	<.03	pink-white carb v's, 5mm-1cm; 10-40 deg TCA		
BG11-143	196.00	197.50	C08684	1.50	<.03	spec hem, min dissem py		
BG11-143	197.50	199.00	C08685	1.50	<.03			
BG11-143	199.00	200.50	C08686	1.50	<.03	<<py		
BG11-143	200.50	202.00	C08687	1.50	<.03	slip at 201.25, qtz-ser-dol, 85 deg TCA		
BG11-143	202.00	203.50	C08688	1.50	<.03	perv carb v's, 80 deg TCA		
BG11-143	**203.50**	**205.00**	**C08689**	**1.50**	**0.549**	**minor v's of cse py in qtz;< 1%; 1% dissem py**		
BG11-143	205.00	206.50	C08690	1.50	0.069	hem; 1% dissem py		
BG11-143	206.50	207.30	C08691	0.80	<.03	inc chl		
BG11-143	207.30	208.00	C08692	0.70	<.03	inc silica; py in black qtz, 1-4mm, 80 deg TCA		
BG11-143	208.00	209.00	C08693	1.00	<.03	inc py 1-3%;dissem		
BG11-143	209.00	210.50	C08695	1.50	<.03	inc py 1-3%;dissem		
BG11-143	210.50	212.00	C08696	1.50	<.03	carb v, 211.2-211.8, 0-10 deg TCA; 1% dissem		
BG11-143	212.00	213.50	C08697	1.50	<.03			
BG11-143	213.50	215.00	C08698	1.50	<.03			
BG11-143	215.00	216.20	C08699	1.20	<.03	slip fault at 216m, 80 deg TCA, qtz-ser-dol v at 215m, 80 deg TCA		
BG11-143	216.20	217.20	C08700	1.00	<.03	1% dissem py		
BG11-143	217.20	218.70	C08701	1.50	<.03	1% dissem py		
BG11-143	218.70	220.00	C08702	1.30	<.03	<1% dissem py		
BG11-143	220.00	221.50	C08703	1.50	<.03	slip at 221.18, 75 deg TCA, bleached at 220-220.5m; min py dissem		
BG11-143	221.50	223.00	C08704	1.50	0.206	1% dissem py		
BG11-143	223.00	224.50	C08705	1.50	0.274	as above		
BG11-143	224.50	226.00	C08706	1.50	<.03	as above		
BG11-143	226.00	227.50	C08707	1.50	<.03	as above		
BG11-143	227.50	228.50	C08708	1.00	<.03	wispy carb v's		
BG11-143	**228.50**	**229.00**	**C08709**	**0.50**	**0.823**	**qtz-ser-dol v; 2cm @45 deg TCA; 10% py, bleb of cpy 4mm**		

Hole_ID	From	To	Sample_#	Length	Au ppm	Description	Au ppm_ck	Au ppm-ck2
BG11-143	229.00	230.00	C08710	1.00	<.03	wispy carb v's		
BG11-143	230.00	231.00	C08711	1.00	<.03	wispy carb v's		
BG11-144	**17.50**	**18.50**	**C08712**	**1.00**	**0.823**	**silicious,bleached <1% py, dissem**		
BG11-144	18.50	19.50	C08713	1.00	0.343	min qtz-dol v's 20-30 deg TCA, min py		
BG11-144	19.50	20.10	C08714	0.60	<.03	prev		
BG11-144	20.10	21.30	C08715	1.20	1.029	qtx-carb v, 21.2-21.3, 1% py		
BG11-144	21.30	22.30	C08716	1.00	<.03	wispy qtz-dol v's, 1% dissem py		
BG11-144	22.30	23.00	C08717	0.70	<.03	wispy qtz-dol v's, 1% dissem py		
BG11-144	23.00	24.20	C08718	1.20	<.03	qtz-ser-dol v, 1% dissem py		
BG11-144	24.20	25.00	C08719	0.80	0.411	qtz-carb v, at 24.43, 2-3cm at 30 deg TCA, 10% py in v		
BG11-144	**25.00**	**26.00**	**C08720**	**1.00**	**0.823**	**3% wispy qtz-dol v's, cse py in 1-2mm v, bleached**		
BG11-144	26.00	27.00	C08721	1.00	0.343	min py, chloritic frac		
BG11-144	27.00	27.70	C08722	0.70	0.137			
BG11-144	27.70	28.60	C08723	0.90	1.817	seam at 28.4m, qtz-carb v, 5mm-1cm wide,10-15% py	1.920	1.714
BG11-144	28.60	29.40	C08724	0.80	1.063	blocky core, bleached, min py	1.097	1.029
BG11-144	29.40	30.50	C08727	1.10	<.03	<1% dissem py		
BG11-144	30.50	32.00	C08728	1.50	0.274	qtz-dol v at 31.44-31.47, 5% py		
BG11-144	32.00	33.50	C08729	1.50	0.137	low angle qtz-carb v,0-10 deg TCA, min py		
BG11-144	33.50	34.30	C08730	0.80	<.03	min dissem py		
BG11-144	34.30	35.30	C08731	1.00	0.206	qtz-dol v at 34.3-34.34, 30 deg TCA,1cm cse py at 34.6		
BG11-144	35.30	36.50	C08732	1.20	<.03	wispy qtz-dol-chl v's, 1% dissem py		
BG11-144	36.50	38.00	C08733	1.50	<.03	1% dissem py		
BG11-144	38.00	39.50	C08734	1.50	<.03	1% dissem py		
BG11-144	39.50	41.00	C08735	1.50	<.03			
BG11-144	41.00	42.00	C08736	1.00	<.03	qtz-dol-ser v, 45 deg TCA, 20% py within v		
BG11-144	42.00	43.00	C08737	1.00	<.03	1% dissem py		
BG11-144	43.00	44.00	C08738	1.00	<.03	1% dissem py		
BG11-144	44.00	45.30	C08739	1.30	<.03	mag at 45.3,inc dissem py, 1-2%		
BG11-144	45.30	46.30	C08740	1.00	<.03	carb v at 46.0,1cm at 20 deg TCA; spec hem		
BG11-144	46.30	47.30	C08741	1.00	<.03	1-2% dissem py		
BG11-144	47.30	48.80	C08742	1.50	<.03	QFP comes and goes ,min py		
BG11-144	48.80	50.30	C08743	1.50	<.03	small areas of inc dissem py, 2-5%		
BG11-144	50.30	51.40	C08744	1.10	<.03	min cse py in blk qtz at QFP-Dior cont;1-2%		
BG11-144	51.40	52.60	C08745	1.20	<.03	prev, end of QFP at 52.46		
BG11-144	52.60	54.00	C08746	1.40	<.03	min wispy carb v's < 1% py, dissem		
BG11-144	54.00	55.50	C08747	1.50	<.03	min wispy carb v's, qtz-dol-ser v's < 1% py, dissem		
BG11-144	55.50	57.00	C08748	1.50	<.03	1% dissem py		
BG11-144	57.00	58.50	C08751	1.50	<.03	qtz-dol-ser v, 55 deg TCA, min py		
BG11-144	58.50	59.60	C08752	1.10	<.03	1% dissem py		
BG11-144	59.60	60.30	C08753	0.70	<.03	slip-fault, 59.84-59.86@ 35 deg TCA, qtz-dol-ser, 1% dissem py		
BG11-144	60.30	61.80	C08754	1.50	<.03	wispy carb v's, @25-70 deg TCA,min py		
BG11-144	61.80	63.30	C08755	1.50	<.03	wispy carb v's, @25-70 deg TCA,min py		
BG11-144	63.30	64.80	C08756	1.50	<.03	wispy carb v's,min py		
BG11-144	64.80	66.30	C08757	1.50	<.03	wispy carb v's, min py		
BG11-144	66.30	67.10	C08758	0.80	<.03	chl inc,silicious, qtz-dol-ser v at 66.8m; 1-2% py		
BG11-144	67.10	68.10	C08759	1.00	<.03	qtz-dol-ser v, 67.49 -67.5; 50 deg TCA, min py		
BG11-144	68.10	69.60	C08760	1.50	<.03	chl-qtz-ser frac 69.05@ 25 deg TCA, min dissem py		
BG11-144	69.60	71.10	C08761	1.50	<.03	min dissem py		
BG11-144	**71.10**	**72.00**	**C08762**	**0.90**	**0.617**	qtz-ser-dol alt'n at 71.3-71.6 @ 30 deg TCA;dissem py 1-2%		
BG11-144	72.00	73.00	C08763	1.00	<.03	qtz-dol-ser v at 72.76-72.77;dissem py 1-3%		
BG11-144	73.00	73.80	C08764	0.80	<.03	QFP section 73.1-73.4;qtz-dol-ser v 73.37-73.4, @ 40 deg TCA, 1-3 % py		
BG11-144	73.80	74.50	C08765	0.70	<.03	perv chl, 1-2% dissem py		

Hole_ID	From	To	Sample_#	Length	Au ppm	Description	Au ppm_ck	Au ppm-ck2
BG11-144	74.50	75.00	C08766	0.50	<.03	qtz-dol-ser v's at 74.55-74.6;75.73-75.8, both 25 deg TCA; cse py 1-2%		
BG11-144	75.00	76.00	C08767	1.00	<.03	1-2% dissem py, at 75.25m mag		
BG11-144	76.00	77.50	C08768	1.50	<.03	QFP masses, 77.26-77.5, min py		
BG11-144	77.50	78.60	C08769	1.10	<.03	spec hem, on margin of slip at 78.18@45 deg TCA		
BG11-144	78.60	79.60	C08770	1.00	<.03	FS clasts 1-3 cm in diam, 5% of matrix, 1% dissem py		
BG11-144	79.60	81.00	C08771	1.40	<.03	prev		
BG11-144	81.00	82.50	C08772	1.50	<.03			
BG11-144	82.50	84.00	C08773	1.50	<.03	slip at 82.5 @ 10 deg TCA, min dissem py		
BG11-144	84.00	85.50	C08774	1.50	<.03	min dissem py		
BG11-144	85.50	86.25	C08776	0.75	<.03	mag at 86.0m; perv epidote, inc dissem py at 85.7m		
BG11-144	86.25	87.00	C08777	0.75	<.03	slip at 86.46@55 deg TCA, inc chl, min py		
BG11-144	87.00	88.50	C08778	1.50	<.03	bleached, min cal v's, .05-1cm, @70 deg TCA		
BG11-144	88.50	89.20	C08779	0.70	<.03	slip at 89m 55 deg TCA, chl-dol-ser		
BG11-144	89.20	90.40	C08780	1.20	<.03	slip at 89.5m;cont dior bx-felsic dyke? At 90.05 at 40 deg TCA, 1% dissem py		
BG11-144	90.40	91.40	C08781	1.00	<.03	min fractures with blk qtz, at 0-10 vdeg TCA, 1% py		
BG11-144	91.40	92.40	C08782	1.00	<.03	prev		
BG11-144	92.40	93.40	C08783	1.00	<.03	contact, at 92.64@ 40 deg TCA, fract starts in syenite, slip at 93.25 @ 45 deg TCA		
BG11-144	93.40	94.40	C08784	1.00	<.03	inc qtz-carb v's, low angle, min py		
BG11-144	94.40	96.00	C08785	1.60	<.03	min py, bleached		
BG11-144	96.00	97.50	C08786	1.50	<.03	less frac, 1-2% dissem py		
BG11-144	97.50	98.10	C08787	0.60	<.03	less frac, 1-2% dissem py		
BG11-144	98.10	99.10	C08788	1.00	<.03	inc fract, gouge at 98.73, hem ,1% dissem py		
BG11-144	99.10	100.10	C08789	1.00	<.03	prev, black qtz in frac, 1% py dissem, and in fract		
BG11-144	100.10	101.00	C08790	0.90	<.03	dec fract, prev		
BG11-144	101.00	102.40	C08791	1.40	<.03	mafic dyke at 101.5-102.3, inc fract, 1-5% py in fract		
BG11-144	102.40	103.90	C08792	1.50	<.03	perv fract, 1-2% dissem py		
BG11-144	103.90	104.70	C08793	0.80	<.03	feldspar-dol flooding, med fract; 1-2% py		
BG11-144	104.70	105.70	C08794	1.00	<.03	3cm qtz-dol-ser v at 35 deg TCA;cont at 105.5@ 30 deg TCA, gouge at contact, min py		
BG11-144	105.70	106.70	C08795	1.00	<.03	alt chloritic section		
BG11-144	106.70	108.00	C08796	1.30	<.03	alt chloritic section, gouge at 106.9; min py, broken core		
BG11-144	108.00	109.00	C08798	1.00	<.03	inc qtz-carb v's,@ 45 deg TCA, min py		
BG11-144	109.00	110.50	C08799	1.50	<.03	wispy qtz-dol-ser v's, min py		
BG11-144	110.50	112.00	C08800	1.50	<.03			
BG11-144	112.00	113.50	C08802	1.50	<.03	wispy qtz-dol-ser v's, min py		
BG11-144	113.50	115.00	C08803	1.50	<.03	qtz-dol-ser v at 114.74-114.79 @55 deg TCA		
BG11-144	115.00	116.25	C08804	1.25	<.03	slip at 116.04 @ 25 deg TCA		
BG11-144	116.25	117.40	C08805	1.15	<.03	5% wispy qtz-dol-ser v's, min py		
BG11-144	117.40	118.00	C08806	0.60	<.03	10% wispy qtz-dol-ser v's, min py, chlorite perv		
BG11-144	118.00	119.00	C08807	1.00	<.03	1-5 % py in 1-2 mm seams at 118.5m		
BG11-144	119.00	120.00	C08808	1.00	<.03	fairly pristine Diorite; wispy qtz-dol-ser v's, min py		
BG11-145	17.90	19.00	C08809	1.10	<.03	inc chl-epodote, 1-2% py		
BG11-145	19.00	20.00	C08810	1.00	<.03	min wisp carb v's; min py		
BG11-145	20.00	21.20	C08811	1.20	<.03	min wisp carb v's; min py		
BG11-145	21.20	22.00	C08812	0.80	0.069	bleached, in sil, 3mm py seam at 21.4m		
BG11-145	**22.00**	**23.00**	**C08813**	**1.00**	**0.823**	perv silica, 1.5cm qtz-carb v at 22.3m, 15 deg TCA; 10-15% py		
BG11-145	**23.00**	**24.00**	**C08814**	**1.00**	**0.754**	broken core, bleached, 1-5% py		
BG11-145	24.00	25.00	C08816	1.00	0.069	perv epidote, dec sil, min py		
BG11-145	25.00	26.00	C08818	1.00	<.03	perv epidote, dec sil, min py		
BG11-145	26.00	27.50	C08819	1.50	<.03	perv epidote, dec sil, min py		
BG11-145	27.50	28.30	C08820	0.80	0.069	2 cm qtz-carb, 5-10% py in v, 20 deg TCA,1-2% dissem py		
BG11-145	28.30	29.30	C08821	1.00	<.03	dec sil, min py, perv epidote		
BG11-145	29.30	30.80	C08822	1.50	<.03	dec sil, min py, perv epidote, low angle carb v's		

Hole_ID	From	To	Sample_#	Length	Au ppm	Description	Au ppm_ck	Au ppm-ck2
BG11-145	30.80	31.80	C08823	1.00	<.03	dec sil, min py, perv epidote, low angle carb v's		
BG11-145	31.80	32.80	C08824	1.00	<.03	perv epidote, dec sil, min py		
BG11-145	32.80	34.00	C08825	1.20	<.03	perv epidote, dec sil, min py		
BG11-145	34.00	34.80	C08826	0.80	<.03	perv epidote, dec sil, min py		
BG11-145	34.80	35.80	C08827	1.00	<.03	cont at 35.0, 30 deg TCA, fn gn mafic dyke?;inc sil, qtz-carb v, 1-2% py at cont		
BG11-145	35.80	37.30	C08828	1.50	<.03	min wisp carb v's; min py		
BG11-145	37.30	38.00	C08829	0.70	0.274	cont at 37.8m, 3cm qtz-carb v at 25 deg TCA, 10% py		
BG11-145	38.00	39.00	C08830	1.00	0.069	inc sil, 5-10% py 38.7-38.8m, broken core 38.7-39.0m		
BG11-145	39.00	40.00	C08831	1.00	<.03	perv epidote, dec sil, min py		
BG11-145	40.00	41.50	C08832	1.50	<.03	perv leuc dec sil, min py		
BG11-145	41.50	43.00	C08834	1.50	<.03	perv leuc, dec sil, min py		
BG11-145	43.00	44.50	C08835	1.50	<.03	perv leuc dec sil, min py		
BG11-145	44.50	46.00	C08836	1.50	<.03	broken core, min py		
BG11-145	46.00	47.00	C08837	1.00	<.03	inc chl, dec leuc, min py		
BG11-145	**47.00**	**48.00**	**C08838**	**1.00**	**0.891**	qtz-carb v, 10 deg TCA, 10-15% py, bands of py, 1-2 cm		
BG11-145	48.00	49.00	C08840	1.00	0.069	small sample, possib missing .3 m from prev box, blocky core, min dissem py, cont of QFP-Dior-QFP at 48.3m		
BG11-145	49.00	50.00	C08841	1.00	<.03	min wisp carb v's; 1-2% py		
BG11-145	50.00	51.00	C08842	1.00	<.03	1-3% py, spotty, within blk qtz v's;QFP at 50.77m		
BG11-145	51.00	52.00	C08843	1.00	<.03	perv leuc, min py; QFP at 51-51.4m		
BG11-145	52.00	53.00	C08844	1.00	<.03	py in min carb v's,1-2%, dissem		
BG11-145	53.00	53.50	C08845	0.50	<.03	few py seams, 10-15% py within qtz-dol , min carb v's ,spec hem		
BG11-145	53.50	54.50	C08846	1.00	<.03	mag at 53.7-56m; 1% py; perv epidote		
BG11-145	54.50	56.00	C08847	1.50	<.03	low angle carb v's 2mm-1cm, min py		
BG11-145	56.00	57.00	C08848	1.00	<.03	qtz-dol-ser v at 56.68m@50 deg TCA; min py in v's and dissem; QFP at 56.34-56.52m		
BG11-145	57.00	58.00	C08849	1.00	<.03	inc dissem py		
BG11-145	58.00	59.00	C08850	1.00	<.03	QFP from 58.3-59..3m, fract, min py		
BG11-145	59.00	60.00	C08851	1.00	<.03	1% py, QFP 59.1-59.2m		
BG11-145	60.00	60.90	C08852	0.90	<.03			
BG11-145	60.90	61.50	C08853	0.60	<.03	qtz-dol-ser v at 60.95- 61.0m, 45 deg TCA		
BG11-145	61.50	63.00	C08854	1.50	<.03	wispy qtz-dol v's, high angle		
BG11-145	63.00	64.50	C08855	1.50	<.03	wispy qtz-dol v's, high angle		
BG11-145	64.50	66.00	C08856	1.50	<.03	Bi-QFP at 64.7-64.9m; 65.07-66.3m; min py, competant		
BG11-145	66.00	67.00	C08857	1.00	<.03	leux, perv, 1-3%py disssem		
BG11-145	67.00	68.00	C08859	1.00	<.03	Bi-QFP at 67.1-67.8m; min py, competant		
BG11-145	68.00	69.00	C08860	1.00	<.03	Bi-QFP at 68.5-69m; 1-2% dissem, in blk qtz		
BG11-145	69.00	70.00	C08861	1.00	<.03	Bi-QFP, 10%, 1-2% py, dissem		
BG11-145	70.00	71.00	C08862	1.00	<.03	80% Bimodal QFP, min fract,1-5% py in fract, perv leuco		
BG11-145	71.00	72.00	C08863	1.00	<.03	100% Bimodal QFP, min fract, min py		
BG11-145	72.00	73.00	C08864	1.00	<.03	100% Bimodal QFP, min fract, min py		
BG11-145	73.00	74.00	C08865	1.00	<.03	50% Bimodal, qtz-dol-ser v, 50% py 1-5mm within v, 1-5mm@ 55 deg TCA		
BG11-145	74.00	75.00	C08866	1.00	<.03	50% Bimodal, perv leuco		
BG11-145	75.00	76.00	C08867	1.00	<.03	25% Bimodal, QFP		
BG11-145	76.00	77.00	C08868	1.00	<.03	90% Bimodal QFP, 1-2% py in blk qtz v's, 1-2mm wide		
BG11-145	77.00	78.00	C08869	1.00	<.03	100% Bimodal, min py		
BG11-145	78.00	79.00	C08870	1.00	<.03	10% Bimodal, 1-3% py		
BG11-145	79.00	80.00	C08871	1.00	<.03	30% Bimodal, min py at cont, Dior-Bi-QFP		
BG11-145	80.00	81.00	C08872	1.00	<.03	low angle Qtz-carb v's, min py, dissem		
BG11-145	81.00	82.00	C08873	1.00	<.03	min Bi QFP, anhedral epidote,wispy qtz-carb v's, min py		
BG11-145	82.00	82.70	C08874	0.70	<.03	inc dissem py, wispy qtz-dol v's		
BG11-145	82.70	83.30	C08876	0.60	<.03	band of cse py at 82.93-82.95, 25-50% py; 25% Bi- QFP		
BG11-145	83.30	84.50	C08877	1.20	<.03	mag starts at 83.6-93.5m		

Hole_ID	From	To	Sample_#	Length	Au ppm	Description	Au ppm_ck	Au ppm-ck2
BG11-145	84.50	86.00	C08878	1.50	<.03	qtz-dol-ser v at 85.22m; 40 deg TCA; min cse py		
BG11-145	86.00	87.00	C08879	1.00	<.03	40% bimodal, min py at cont, Dior-Bi-QFP		
BG11-145	87.00	88.00	C08880	1.00	<.03	20% bimodal, min py at cont, Dior-Bi-QFP		
BG11-145	88.00	89.00	C08881	1.00	<.03	aphanitic groundmass, min py		
BG11-145	89.00	90.00	C08882	1.00	<.03	1-2% dissem py, min spec hem		
BG11-145	90.00	91.00	C08883	1.00	<.03	1-2% dissem py, min spec hem; wispy qtz-dol v's		
BG11-145	91.00	92.00	C08885	1.00	<.03	leuco appears, mag dissapears at 91.5m; 1-2% dissem py		
BG11-145	92.00	93.00	C08886	1.00	<.03	qtz-dol-ser v, at 92.2m @ 70 deg TCA with 1-5% py		
BG11-145	93.00	94.50	C08887	1.50	<.03	wispy qtz-dol v's, low angle, 1%dissem py		
BG11-145	94.50	96.00	C08888	1.50	<.03	wispy qtz-dol v's, low angle, 1%dissem py		
BG11-145	96.00	97.50	C08889	1.50	<.03	inc silica, inc py 1-3%		
BG11-145	97.50	99.00	C08890	1.50	0.069	wispy qtz-dol v's, low angle, 1%dissem py		
BG11-145	99.00	100.50	C08891	1.50	<.03	wispy qtz-dol v's, low angle, 1%dissem py; inc chl, inc sil		
BG11-145	100.50	102.00	C08892	1.50	<.03	wispy qtz-dol v's, low angle, 1%dissem py; inc chl, inc sil		
BG11-145	102.00	103.50	C08893	1.50	<.03	wispy qtz-dol v's, low angle, 1%dissem py; inc chl, inc sil		
BG11-145	103.50	104.50	C08894	1.00	<.03	qtz-dol-ser v, 104.05-104.1m, min py dissem		
BG11-145	104.50	106.00	C08895	1.50	<.03			
BG11-145	106.00	107.50	C08896	1.50	<.03	qtz-dol-ser v at 106.7m, 1cm ; 20 deg TCA, min py		
BG11-145	107.50	109.00	C08897	1.50	<.03	inc sil, min dissem py		
BG11-145	109.00	110.00	C08898	1.00	<.03	inc sil, min dissem py, blocky		
BG11-145	110.00	111.50	C08899	1.50	<.03			
BG11-145	111.50	113.00	C08900	1.50	<.03	inc sil, min dissem py, blocky; perv chl		
BG11-145	113.00	114.00	C08901	1.00	<.03	inc sil, min dissem py, blocky; perv chl		
BG11-145	114.00	115.00	C08903	1.00	<.03	wispy qtz-dol v's, low angle, 1%dissem py; inc chl, inc sil, spec hem		
BG11-145	115.00	116.00	C08904	1.00	<.03	wispy qtz-dol v's, low angle, spec hem, min py		
BG11-145	116.00	116.80	C08905	0.80	<.03	bleached, inc dissem py, inc sil		
BG11-145	116.80	117.50	C08906	0.70	1.200	inc silica, bleached,fract, 5-10% py from 117.1-117.34m	1.303	1.097
BG11-145	117.50	118.50	C08907	1.00	<.03	contact diorite-syenite at 118.25m, wispy qtz-dol v's, min py		
BG11-145	118.50	120.00	C08908	1.50	<.03	very blocky, min carb v's, 1% dissem py		
BG11-145	120.00	121.50	C08910	1.50	<.03	very blocky, min carb v's, 1% dissem py		
BG11-145	121.50	123.00	C08911	1.50	<.03	spec hem, min py		
BG11-145	123.00	124.20	C08912	1.20	<.03	contact syenite- lamp dyke at 124m, wispy qtz-dol v's, min py		
BG11-145	124.20	125.70	C08913	1.50	<.03	lamp dyke, very minimal py		
BG11-145	125.70	127.00	C08914	1.30	<.03	cont lamp dyke-syenite at 126.6m		
BG11-145	127.00	128.50	C08915	1.50	<.03	low angle carb v's, min spec hem		
BG11-145	128.50	130.00	C08916	1.50	<.03	low angle carb v's, min spec hem		
BG11-145	130.00	131.00	C08917	1.00	<.03	gouge at 130.1m, 40-45 deg TCA, chl, 1-2% py		
BG11-145	131.00	132.50	C08918	1.50	<.03	perv hem, low angle carb v's, min dissem py		
BG11-145	132.50	134.00	C08919	1.50	<.03	perv hem, low angle carb v's, min dissem py		
BG11-145	134.00	135.10	C08920	1.10	<.03	prev, very blocky		
BG11-145	135.10	136.10	C08921	1.00	<.03	min fault gouge at 135.7m, 10-15 deg TCA, micro fract, cse py 1-2cm within qtz at 135.9m		
BG11-145	136.10	137.50	C08922	1.40	<.03	perv hem, low angle carb v's, min dissem py		
BG11-145	137.50	139.00	C08923	1.50	<.03	low angle carb v's, min spec hem		
BG11-145	139.00	140.50	C08924	1.50	<.03	low angle carb v's, min spec hem		
BG11-145	140.50	142.00	C08925	1.50	<.03	low angle carb v's, min spec hem		
BG11-145	142.00	143.50	C08926	1.50	<.03	low angle carb v's, min spec hem		
BG11-145	143.50	144.50	C08927	1.00	<.03	inc sil, inc micro fract, 1-5%py in v's and swells of cse py, 144.2- 144.3m		
BG11-145	144.50	147.00	C08928	2.50	<.03	lost core, rods stuck, 1-2% py, EOH 147m		
BG11-146	22.50	24.00	C08992	1.50	<.03	blocky, min py		
BG11-146	**24.00**	**25.00**	**C08993**	**1.00**	**0.823**	min qtz-dol v's, 1% dissem py, min cse py bands; perv epidote, chl		
BG11-146	**25.00**	**26.00**	**C08994**	**1.00**	**0.686**	inc sil, 1% py dissem		
BG11-146	26.00	27.00	C08995	1.00	0.069	inc sil, 1% py dissem		

Hole_ID	From	To	Sample_#	Length	Au ppm	Description	Au ppm_ck	Au ppm-ck2
BG11-146	27.00	28.00	C08996	1.00	<.03	1-2% py, in min seams and dissem		
BG11-146	28.00	29.50	C08998	1.50	0.069	min py		
BG11-146	29.50	30.50	C08999	1.00	<.03	wispy qtz-dol v's, low angle, 1% dissem py		
BG11-146	30.50	31.00	C09000	0.50	1.098	seam of py at 30.5m, bleached section, qtz-cal-ser cse py at 30.8-30.88m, 15% py	1.166	1.029
BG11-146	31.00	32.00	C09401	1.00	1.132	gouge at 31.72, qtz-ser-cal@ 45 deg TCA	1.166	1.097
BG11-146	32.00	33.00	C09402	1.00	<.03	min dissem py		
BG11-146	33.00	34.50	C09403	1.50	<.03	wispy qtz-dol v's, low angle, 1% dissem py		
BG11-146	34.50	36.00	C09404	1.50	<.03	cal v's at 0-20 deg TCA, min py		
BG11-146	36.00	37.50	C09405	1.50	<.03	slip at 37.0m, min cse py		
BG11-146	37.50	39.00	C09406	1.50	<.03	wispy cal v's, low angle, 1% dissem py		
BG11-146	39.00	40.50	C06958	1.50	<.03	wispy cal v's, low angle, 1% dissem py		
BG11-146	40.50	42.00	C09407	1.50	<.03	wispy cal v's, low angle, 1% dissem py		
BG11-146	42.00	43.50	C09408	1.50	<.03	wispy cal v's, low angle, 1% dissem py		
BG11-146	43.50	45.00	C09409	1.50	<.03	wispy cal v's, low angle, 1% dissem py		
BG11-146	45.00	46.50	C09410	1.50	<.03	wispy cal v's, low angle, 1% dissem py		
BG11-146	46.50	48.00	C09411	1.50	<.03	wispy cal v's, low angle, 1% dissem py		
BG11-146	48.00	49.50	C09412	1.50	<.03	wispy cal v's, low angle, 1% dissem py		
BG11-146	49.50	51.00	C09413	1.50	<.03	wispy cal v's, low angle, 1% dissem py		
BG11-146	51.00	52.50	C09414	1.50	<.03	wispy cal v's, low angle, 1% dissem py		
BG11-146	52.50	54.00	C09415	1.50	<.03	wispy cal v's, low angle, 1% dissem py		
BG11-146	54.00	55.50	C09416	1.50	<.03	wispy cal v's, low angle, 1% dissem py		
BG11-146	55.50	56.00	C09418	0.50	<.03	inc sil, qtz-carb v 55.5-55.7m; missing top-bottom 1/2 of core in this section, min py, min cpy		
BG11-146	56.00	57.00	C09419	1.00	<.03	min qtz-carb v's, at 70 deg TCA, 1% dissem py; perv epidote, chl		
BG11-146	57.00	58.50	C09420	1.50	<.03	sil, min dissem py		
BG11-146	58.50	60.00	C09421	1.50	<.03	low angle qtz-carb v's, min py		
BG11-146	60.00	61.50	C09423	1.50	<.03	low angle qtz-carb v's, min py		
BG11-146	61.50	63.00	C09424	1.50	<.03	low angle qtz-carb v's, min py		
BG11-146	63.00	63.90	C09425	0.90	<.03	low angle qtz-carb v's, min py		
BG11-146	63.90	64.40	C09426	0.50	<.03	gouge at 64.3m, 45 deg TCA, min py swells in chl-qtz-carb v's		
BG11-146	64.40	65.40	C09427	1.00	<.03	min dissem py		
BG11-146	65.40	66.80	C09428	1.40	<.03	low angle qtz-carb v's, min py dissem		
BG11-146	66.80	68.30	C09429	1.50	<.03	low angle qtz-carb v's, min py dissem		
BG11-146	68.30	69.30	C09430	1.00	<.03	min dissem py, min frac		
BG11-146	69.30	70.00	C09431	0.70	0.274	slip at 69.7, 3cm v at 40deg TCA, 5% py in v, 1% dissem		
BG11-146	70.00	71.00	C09432	1.00	<.03	min dissem py, qtz-carb-ser v's		
BG11-146	71.00	72.00	C09433	1.00	<.03	perv ep, chl, low angle qtz-carb v's at 0-10 deg TCA		
BG11-146	72.00	73.50	C09434	1.50	<.03	perv ep, chl, low angle qtz-carb v's at 0-10 deg TCA		
BG11-146	73.50	75.00	C09435	1.50	<.03	perv ep, chl, low angle qtz-carb v's at 0-10 deg TCA		
BG11-146	75.00	76.50	C09436	1.50	<.03	perv ep, chl, dec sil, low angle qtz-carb v's at 0-10 deg TCA		
BG11-146	76.50	78.00	C09437	1.50	<.03	perv ep, chl, low angle qtz-carb v's at 0-10 deg TCA		
BG11-146	78.00	79.50	C09438	1.50	<.03	qtz-dol-ser v at 78.55-78.6m, 25 deg TCA, no sulph		
BG11-146	79.50	81.00	C09439	1.50	<.03	spec hem, prev		
BG11-146	81.00	82.00	C09440	1.00	0.069	slip at 81.69m @ 60 deg TCA, 3cm pink cal v, 5% py within v		
BG11-146	82.00	83.00	C09441	1.00	<.03	spec hem, min py		
BG11-146	83.00	84.50	C09442	1.50	<.03	inc sil, min py		
BG11-146	84.50	85.50	C09443	1.00	0.274	inc sil, inc alt		
BG11-146	85.50	86.50	C09444	1.00	0.206	cataclasite, at 86.1m fault at 40 deg TCA, min py		
BG11-146	86.50	87.50	C09446	1.00	<.03	sil inc, min py, qtz-dol-ser min v's		
BG11-146	87.50	88.50	C09447	1.00	<.03	orange carb, 2cm v at 87.7, 20 deg TCA, 1-2% dissem py, cataclastic texture at 88.4m		
BG11-146	88.50	89.50	C09449	1.00	<.03	gouge at 89.11-89.17m, at 35 deg TCA, MAIN BREAK?, 2.5 cm of clay, min py		
BG11-146	89.50	90.50	C09450	1.00	<.03	wispy qtz-carb v's, low angle, min dissem py		
BG11-146	90.50	91.50	C09451	1.00	<.03	inc dissem py 1-2% in micro frac, 1mm veins		

Hole_ID	From	To	Sample_#	Length	Au ppm	Description	Au ppm_ck	Au ppm-ck2
BG11-146	91.50	92.50	C09452	1.00	<.03	inc dissem py 1-2% in micro frac, 1mm veins		
BG11-146	92.50	93.50	C09453	1.00	<.03	dissem py 1-2% in micro frac, 1mm veins		
BG11-146	93.50	95.00	C09454	1.50	0.411	dissem py 1-2% in micro frac, 1mm veins		
BG11-146	95.00	96.00	C09455	1.00	0.274	fault gouge at 95.1m, 30 deg TCA; min carb v's, chl, min py		
BG11-146	96.00	97.50	C09456	1.50	0.069	mag srarts at 96.1m, spec hem , min py		
BG11-146	97.50	99.00	C09457	1.50	<.03	spec hem, min py		
BG11-146	99.00	100.50	C09458	1.50	<.03	mag ends at 100.3m, perv spec hem, min py		
BG11-146	100.50	102.00	C09459	1.50	<.03	spec hem, min py, epidote dissapears		
BG11-146	102.00	103.50	C09460	1.50	<.03	spec hem, min py		
BG11-146	103.50	105.00	C09461	1.50	<.03	carb v's, min spec hem, min py		
BG11-146	105.00	106.00	C09462	1.00	<.03	pink carb v's, 1-3% spec hem, min py		
BG11-146	106.00	107.00	C09463	1.00	<.03	pink carb v's, 1-3% spec hem, min py		
BG11-146	107.00	108.00	C09464	1.00	0.206	1-3% dissem py		
BG11-146	108.00	109.00	C09465	1.00	<.03	pink carb v up to core width, at 108.2-108.8m 0-10 deg TCA s, min py		
BG11-146	109.00	110.50	C09466	1.50	<.03	wispy qtz-carb v's, low angle, min dissem py, spec hem		
BG11-146	110.50	112.00	C09467	1.50	0.411	wispy qtz-carb v's, low angle, min dissem py, spec hem		
BG11-146	112.00	113.50	C09468	1.50	<.03	QFP at 112.5m, min py		
BG11-146	**113.50**	**114.00**	**C09469**	**0.50**	**0.960**	**gouge at 113.8m, 45 deg TCA, qtz-ser-cal vein up tp 1cm**		
BG11-146	114.00	115.00	C09470	1.00	<.03	carb v's, min spec hem, min py		
BG11-146	115.00	115.50	C09471	0.50	<.03	bleached,inc chl, min frac, 1-3%py, cont QFP-Dior at 115m		
BG11-146	115.50	116.40	C09472	0.90	0.069	inc chl, min py		
BG11-146	116.40	117.40	C09474	1.00	1.646	py bands at 116.9-117m, 10-15%	1.509	1.783
BG11-146	117.40	118.00	C09475	0.60	1.817	bleached,30% py at 117.5-117.7m	1.783	1.851
BG11-146	118.00	119.00	C09477	1.00	0.069	silicious, 1-3% py dissem		
BG11-146	119.00	120.00	C09478	1.00	<.03	silicious, 1-3% py dissem		
BG11-146	120.00	121.00	C09479	1.00	<.03	wispy qtz-carb v's, low angle, min dissem py, qtz-carb-ser v at 119.75-121m@ 10 deg TCA, min spec hem		
BG11-146	121.00	122.00	C09480	1.00	<.03	wispy qtz-carb v's, low angle, min dissem py, inc chl		
BG11-146	122.00	123.00	C09481	1.00	<.03	wispy qtz-carb v's, low angle, min dissem py, inc chl		
BG11-146	123.00	123.80	C09482	0.80	0.069	inc sil, py in carb v's, 1-2%		
BG11-146	123.80	125.00	C09483	1.20	<.03	diorite-QFP cont at 124m, elong qtz phenos along fabric, euhedral feldspar phenos		
BG11-146	125.00	126.50	C09484	1.50	<.03	min py, dissem		
BG11-146	126.50	128.00	C09485	1.50	<.03	min py, dissem		
BG11-146	128.00	129.00	C09486	1.00	<.03	min py, dissem		
BG11-146	129.00	130.00	C09487	1.00	<.03	cont QFP-dior, 129.25m, mag at 129.8m, min py		
BG11-146	130.00	131.30	C09488	1.30	0.137	wispy qtz-carb v's, low angle, 1-3% dissem py, inc chl		
BG11-146	**131.30**	**131.80**	**C09489**	**0.50**	**0.686**	**bleached, py 1-5% in v's at 70-80 deg TCA**		
BG11-146	131.80	132.50	C09490	0.70	0.206	inc carb v's, 1-2% py		
BG11-146	132.50	133.80	C09491	1.30	<.03	cont diorite-QFP 132.8m; cont QFP-diorite 133.55m, min dissem py		
BG11-146	133.80	134.80	C09492	1.00	0.206	inc sil, micro frac, 1-5% py in qtz-carb-ser v @35 deg TCA		
BG11-146	134.80	135.80	C09493	1.00	<.03	1-3% py, dissem, inc chl		
BG11-146	135.80	137.00	C09494	1.20	<.03	min qtz-carb-ser v's, 0-20 deg TCA		
BG11-146	137.00	138.00	C09495	1.00	<.03	min py in carb v's 70-80 deg TCA, 1-2%		
BG11-146	138.00	139.50	C09496	1.50	<.03	min py in carb v's 70-80 deg TCA, 1-2%		
BG11-146	139.50	140.50	C09497	1.00	<.03	slip 140.4m @40 deg TCA, inc sil, pink carb v, 1-3cm		
BG11-146	140.50	141.50	C09499	1.00	<.03	bleached, inc chl, min pinch and swell py in v's, 1-2%		
BG11-146	141.50	143.00	C09500	1.50	<.03	epidote v's 1-2mm, dec chl		
BG11-146	143.00	144.50	C09501	1.50	<.03	min py, dissem		
BG11-146	144.50	146.00	C09502	1.50	<.03	wispy qtz-carb v's, all angles, min dissem py		
BG11-146	146.00	147.50	C09504	1.50	<.03	wispy qtz-carb v's, all angles, min py in 1-2mm v's		
BG11-146	147.50	149.00	C09505	1.50	<.03	qtz-epidote-chl v at 148.8m, 5cm, bull		
BG11-146	149.00	150.00	C09506	1.00	<.03	dissem py 1-2%, EOH 150m		

Hole_ID	From	To	Sample_#	Length	Au ppm	Description	Au ppm_ck	Au ppm-ck2
BG11-147	19.60	20.80	C09507	1.20	<.03	QFP , min py		
BG11-147	20.80	22.00	C09508	1.20	<.03	cont QFP-Diorite at 21.1, py sporadic in halos of epidote, 1%		
BG11-147	22.00	22.80	C09509	0.80	<.03	perv chl, epidote, min py		
BG11-147	22.80	23.30	C09510	0.50	<.03	py seam at 22.9m, 1cm at 90 deg TCA, 5-10%		
BG11-147	23.30	24.30	C09511	1.00	<.03	wispy qtz-carb v's, all angles, min py in 1-2mm v's		
BG11-147	24.30	25.80	C09512	1.50	<.03	perv chl, epidote, min py		
BG11-147	25.80	26.80	C09513	1.00	<.03	inc sil, py in carb v's, 1-2%		
BG11-147	26.80	27.50	C09514	0.70	<.03	py in swells of carb v's,up to 2cm wide, 0-10 deg TCA		
BG11-147	27.50	28.50	C09515	1.00	<.03	perv chl, epidote, min py		
BG11-147	28.50	29.60	C09516	1.10	<.03	bleached 29.4-29.6m, 1-2% py		
BG11-147	29.60	30.60	C09517	1.00	<.03	perv chl, epidote, min py		
BG11-147	30.60	32.00	C09518	1.40	<.03	perv chl, epidote, min py		
BG11-147	32.00	33.50	C09519	1.50	<.03	perv chl, epidote, min py		
BG11-147	33.50	34.80	C09520	1.30	<.03	perv chl, epidote, min py		
BG11-147	34.80	35.40	C09521	0.60	<.03	qtz-dol-ser v at 35.1, 10% py		
BG11-147	35.40	36.40	C09522	1.00	<.03	perv chl, epidote, min py		
BG11-147	36.40	37.90	C09523	1.50	<.03	blocky,min py, carb v's 1-2%, low angle		
BG11-147	37.90	39.00	C09524	1.10	1.303	min py in carb v's, 1-5%	1.440	1.166
BG11-147	**39.00**	**39.50**	**C09526**	**0.50**	**0.549**	**lamp dyke cont at 39.3, 80 deg TCA, bleached section 39.22-39.26m, 5% py**		
BG11-147	39.50	40.50	C09527	1.00	0.137	lamp dyke, fn gn,		
BG11-147	40.50	42.00	C09528	1.50	<.03	lamp dyke, fn gn,		
BG11-147	**42.00**	**43.00**	**C09529**	**1.00**	**0.617**	**cont lamp dyke-diorite, qtz-carb-ser-chl at 42.3-42.5m, 1-3% py**		
BG11-147	43.00	44.00	C09530	1.00	<.03	perv chl, epidote, min py, very blocky		
BG11-147	44.00	45.50	C09531	1.50	<.03	perv chl, epidote, min py, very blocky		
BG11-147	45.50	47.00	C09532	1.50	<.03	perv chl, epidote, min py, very blocky		
BG11-147	47.00	48.50	C09534	1.50	<.03	perv chl, epidote, min py, very blocky		
BG11-147	48.50	50.00	C09535	1.50	<.03	perv chl, epidote, min py, very blocky		
BG11-147	50.00	51.50	C09536	1.50	<.03	qtz-carb v's, all angles, min py		
BG11-147	51.50	53.00	C09537	1.50	<.03	spec hem, prev		
BG11-147	53.00	54.50	C09538	1.50	<.03	carb v's, 1-1.5cm, 45-70 deg TCA		
BG11-147	54.50	56.00	C09539	1.50	<.03	qtz-carb v's, all angles, min py		
BG11-147	56.00	57.50	C09540	1.50	<.03	qtz-carb v's, all angles, min py		
BG11-147	57.50	59.00	C09541	1.50	<.03	qtz-carb v's, all angles, min py		
BG11-147	59.00	60.00	C09542	1.00	<.03	inc sil, 1-2% py, in v's and epidote halos		
BG11-147	60.00	60.70	C09543	0.70	<.03	py within qtz-carb v, .5cm, 5-10% py		
BG11-147	60.70	61.70	C09544	1.00	<.03	min qtz-carb v's, min py		
BG11-147	61.70	62.40	C09546	0.70	<.03	py in qtz-carb v at 62.23-62.27m, 10-20%py, 35 deg TCA		
BG11-147	62.40	63.40	C09548	1.00	<.03	min qtz-carb v's, min py		
BG11-147	63.40	64.60	C09549	1.20	<.03	min bands of py, 2-4mm		
BG11-147	64.60	65.60	C09550	1.00	<.03			
BG11-147	65.60	66.60	C09551	1.00	<.03	qtz-dol-ser flooding at 65.64-65.95m, min py		
BG11-147	66.60	67.60	C09552	1.00	<.03	inc sil, qfp at 67.14-67.47m, min py in 2-4mm v's		
BG11-147	67.60	68.70	C09553	1.10	<.03	qtz-chl-ser flood 68.2-68.65m, leucox at 68.6m, min py		
BG11-147	68.70	69.70	C09554	1.00	<.03	qtz-chl-ser flood 69.2-69.7m, min py		
BG11-147	69.70	70.70	C09555	1.00	<.03	inc sil, qfp at 67.14-67.47m, min py in 2-4mm v's		
BG11-147	70.70	71.80	C09556	1.10	<.03	micro frac, inc sil, qfp at 71.48-71.82m		
BG11-147	71.80	73.00	C09557	1.20	<.03	qfp at 72.3-73m, dissem py 1-3%		
BG11-147	73.00	74.00	C09558	1.00	<.03	perv leuco, inc chl, wispy qtz-dol v's, 1%py		
BG11-147	74.00	75.00	C09559	1.00	<.03	low angle qtz-dol-ser 74.5-74.8, 1% dissem py		
BG11-147	75.00	76.00	C09560	1.00	<.03	qtz-ser-chl-epidote v at 75-75.45m, min py		
BG11-147	76.00	77.00	C09561	1.00	<.03	micro frac, min py		
BG11-147	77.00	78.00	C09562	1.00	<.03	micro frac, min py		

Hole_ID	From	To	Sample_#	Length	Au ppm	Description	Au ppm_ck	Au ppm-ck2
BG11-147	78.00	79.00	C09563	1.00	<.03	micro frac, 1-3%py		
BG11-147	79.00	80.00	C09564	1.00	<.03	inc frac, 1-2% py		
BG11-147	80.00	81.00	C09565	1.00	<.03	qtz-dol-ser at 80.8- 81m, min py		
BG11-147	81.00	82.00	C09566	1.00	<.03	micro frac, min py		
BG11-147	82.00	83.00	C09568	1.00	<.03	inc sil,chl, min py		
BG11-147	83.00	84.00	C09569	1.00	<.03	inc sil,chl, min py		
BG11-148	19.00	20.30	C09570	1.30	<.03	cont Dior-QFP at 20.1m, perv epidote, carb v's hi to low angle, min dissem py		
BG11-148	20.30	21.30	C09571	1.00	<.03	QFP, min py, dissem		
BG11-148	21.30	22.80	C09572	1.50	<.03	QFP, min py, dissem		
BG11-148	22.80	24.30	C09573	1.50	<.03	QFP, min py, dissem		
BG11-148	24.30	25.80	C09574	1.50	<.03	QFP, min py, dissem		
BG11-148	25.80	27.30	C09575	1.50	<.03	QFP, min py, dissem, inc sil		
BG11-148	27.30	28.80	C09576	1.50	<.03	QFP, min py, dissem, inc sil		
BG11-148	28.80	30.00	C09577	1.20	<.03	cont qfp-dior at 29.3m, min py		
BG11-148	30.00	31.00	C09578	1.00	<.03	perv epidote, min py		
BG11-148	31.00	32.00	C09579	1.00	<.03	chl inc, 1% py		
BG11-148	32.00	33.00	C09580	1.00	<.03	chl inc, 1% py		
BG11-148	33.00	34.40	C09581	1.40	<.03	inc sil, epidote, py dissem 1%		
BG11-148	34.40	35.00	C09582	0.60	<.03	qtz-carb v, 20 deg TCA; 34.36-34.6,10% py		
BG11-148	35.00	36.00	C09584	1.00	<.03	sil, epidote, py dissem 1%		
BG11-148	36.00	37.00	C09585	1.00	<.03	inc sil, perv chl, min qtz-carb v's, min py		
BG11-148	37.00	38.00	C09586	1.00	<.03	inc sil, perv chl, min qtz-carb v's, min py		
BG11-148	38.00	39.00	C09587	1.00	<.03	perv chl, min qtz-carb v's, min py		
BG11-148	39.00	40.00	C09588	1.00	<.03	min py in 1-2mm v's		
BG11-148	40.00	41.50	C09590	1.50	<.03	dior-bx-dior at 40.05m		
BG11-148	41.50	43.00	C09591	1.50	<.03			
BG11-148	43.00	44.00	C09592	1.00	<.03	dior-bx cont at 43.2m		
BG11-148	44.00	45.50	C09593	1.50	<.03			
BG11-148	**45.50**	**46.30**	**C09594**	**0.80**	**0.549**	**inc sil, qtz-carb v, at 45.7, 5% py**		
BG11-148	46.30	47.30	C09595	1.00	<.03	blocky		
BG11-148	47.30	48.80	C09596	1.50	<.03			
BG11-148	48.80	50.00	C09597	1.20	<.03	perv chl, min qtz-carb v's, min py		
BG11-148	50.00	51.00	C09598	1.00	<.03	perv chl, min qtz-carb v's, min py		
BG11-148	51.00	52.00	C09599	1.00	<.03	perv chl, min low angle qtz-carb v's, min py		
BG11-148	52.00	53.00	C06959	1.00	<.03	perv chl, min low angle qtz-carb v's, min py		
BG11-148	53.00	53.70	C09600	0.70	<.03	bleached, 1-5% py, inc chl		
BG11-148	53.70	54.70	C09601	1.00	<.03	qtz-dol-serv at54.2-54.25m, in dissem py		
BG11-148	54.70	55.70	C09602	1.00	<.03	perv chl, min qtz-carb v's, 1-2%py		
BG11-148	55.70	56.40	C09603	0.70	0.343	**drillers note- hit stope at 57m, 4 ft missing, sample is .6m, inc fract, py infilling fract**		
BG11-148	56.40	58.40	C09604	2.00	0.069	*silicious flooding, 1-1.5cm py in qtz-dol-ser v at 58.2-58.4m*		
BG11-148	58.40	59.00	C09605	0.60	<.03	*silicious flooding, 75% , 1-5% py in frac*		
BG11-148	59.00	60.00	C09606	1.00	<.03	qtz-dol-ser at 59-59.1m, 1-3% py in frac and dissem		
BG11-148	60.00	61.00	C09608	1.00	<.03	dec sil, min py		
BG11-148	61.00	62.50	C09609	1.50	<.03	perv chl, min low angle qtz-carb v's, min py		
BG11-148	62.50	64.00	C09610	1.50	<.03	prev		
BG11-148	64.00	65.00	C09611	1.00	<.03	low angle qtz-cal v's, min py		
BG11-148	65.00	66.00	C09613	1.00	<.03	perv chl, min low angle qtz-carb v's, min py		
BG11-148	66.00	67.00	C09614	1.00	<.03	prev		
BG11-148	67.00	68.00	C09615	1.00	2.160	1-2% dissem py	2.126	2.194
BG11-148	68.00	69.00	C09616	1.00	0.411	*bleached and blocky at 68.5m, inc sil, 1-5% py*		
BG11-148	69.00	70.00	C09617	1.00	0.137	perv chl, min low angle qtz-carb v's, 1% dissem py		
BG11-148	70.00	71.00	C09618	1.00	<.03	perv chl, min low angle qtz-carb v's, 1% dissem py		

Hole_ID	From	To	Sample_#	Length	Au ppm	Description	Au ppm_ck	Au ppm-ck2
BG11-148	71.00	72.00	C09619	1.00	<.03	slip at 71.7, minor, inc sil 71.9-72m, frac		
BG11-148	72.00	73.00	C09620	1.00	<.03	wispy qtz-carb v's at all angles, brecia gone at 72m		
BG11-148	73.00	74.00	C09621	1.00	<.03	perv chl, min low angle qtz-carb v's, 1% dissem py		
BG11-148	74.00	75.00	C09622	1.00	<.03	perv chl, min low angle qtz-carb v's, 1% dissem py		
BG11-148	75.00	76.00	C09623	1.00	<.03	sil inc at 75.8m, slip at 76.1m 70 deg TCA		
BG11-148	76.00	77.00	C09624	1.00	<.03	perv chl, min low angle qtz-carb v's, 1% dissem py		
BG11-148	77.00	78.50	C09625	1.50	<.03	1-3% dissem py		
BG11-148	78.50	79.00	C09626	0.50	<.03	qtz-dol-ser v, 1-2cm py within chloritic v's		
BG11-148	79.00	80.00	C09627	1.00	<.03	perv chl, min low angle qtz-carb v's, 1% dissem py		
BG11-148	80.00	81.00	C09628	1.00	0.343	dissem py 1-5%		
BG11-148	**81.00**	**82.00**	**C09629**	**1.00**	**0.549**	**inc py in v's around leuco pulses**		
BG11-148	**82.00**	**83.00**	**C09630**	**1.00**	**0.960**	**inc py in v's around leuco pulses**		
BG11-148	83.00	84.00	C09631	1.00	<.03	inc py, dissem, sil		
BG11-148	84.00	84.90	C09632	0.90	<.03	100% bimodal qfp, inc sil, low angle qtz-carb-ser v's 0-10 deg TCA		
BG11-148	84.90	86.00	C09633	1.10	<.03	inc py on bi-modalqfp-dior contacts in chloritic flows, and qtz-carb v's		
BG11-148	86.00	87.00	C09634	1.00	<.03	80% bi-qfp, min py dissem		
BG11-148	87.00	88.00	C09635	1.00	<.03	15% bi-qfp, wispy qtz-carb v's, 1% py		
BG11-148	88.00	89.00	C09637	1.00	0.069	manetic at 88.25m, 5% bi-qfp, 1-5% dissem py		
BG11-148	89.00	90.00	C09638	1.00	<.03	*40-50% bi-qfp, inc dissem py and in 1mm v's, 1-5%*		
BG11-148	90.00	91.00	C09640	1.00	<.03	60% bi-qfp, 1-3% py in chloritic-epidote v's		
BG11-148	91.00	92.00	C09641	1.00	<.03	40% bi-qfp, 1-3% py in chloritic v's		
BG11-148	92.00	92.50	C09642	0.50	<.03	1-5% py in chloritic flows, up to 2cm wide		
BG11-148	92.50	93.50	C09643	1.00	<.03	50% qfp, leuco appears at 94m,inc frac, 1-2% py		
BG11-148	93.50	94.50	C09644	1.00	<.03	70% bi-qfp, 1-2% py		
BG11-148	94.50	95.50	C09645	1.00	<.03	20% bi-qfp, 1-2% py in chloritic flows and dissem		
BG11-148	95.50	97.00	C09646	1.50	<.03	dec py		
BG11-148	97.00	98.50	C09647	1.50	<.03	wispy qtz-carb v's at all angles		
BG11-148	98.50	100.00	C09648	1.50	<.03	spec hem in carb v's		
BG11-148	100.00	101.00	C09649	1.00	<.03	30% bi-qfp, inc frac, 1% py		
BG11-148	101.00	102.00	C09650	1.00	<.03	5% bi-qfp, blocky, min py; EOH 102m		
BG11-149	18.90	20.00	C08929	1.10	<.03	pristine bimodal QFP, min py		
BG11-149	20.00	21.50	C08930	1.50	<.03	min carb v's, min py		
BG11-149	21.50	23.00	C08931	1.50	<.03	min carb v's, min py		
BG11-149	23.00	24.00	C08932	1.00	<.03	contact bimodal QFP- Diorite brx, at 23.6		
BG11-149	24.00	25.00	C08933	1.00	<.03	inc chl, perv epidote, dissem py 1-3%		
BG11-149	25.00	26.00	C08934	1.00	0.137	inc py within blk qtz veins/blk qtz flooding, 1-5%		
BG11-149	26.00	27.00	C08935	1.00	<.03	low angle qtz-dol v, 0-20 deg TCA, 10-20% py in v, .5-1cm wide		
BG11-149	**27.00**	**27.50**	**C08936**	**0.50**	**0.686**	**inc sil, bleached zone, py dissem and in bands 3mm-.5cm**		
BG11-149	27.50	28.50	C08938	1.00	0.274	dec sil, 1-5% py in blk qtz and dissem		
BG11-149	28.50	29.50	C08939	1.00	<.03	pinch and swell epidote-blk qtz, 2-5% py in v's		
BG11-149	29.50	30.50	C08940	1.00	<.03	pinch and swell epidote-blk qtz, 2-5% py in v's		
BG11-149	30.50	31.50	C08941	1.00	<.03	pinch and swell epidote-blk qtz, 2-5% py in v's		
BG11-149	31.50	32.50	C08942	1.00	<.03	inc sil, inc epidote, 1-3% dissem py		
BG11-149	32.50	33.50	C08943	1.00	<.03	inc sil, inc epidote, 1-3% dissem py		
BG11-149	33.50	34.50	C08944	1.00	<.03	min qtz-dol v's, 1-2% dissem py		
BG11-149	34.50	35.50	C08946	1.00	<.03	inc epi, chl,qtz-dol v's 1-2mm, 1-5% py in v's and dissem		
BG11-149	35.50	36.50	C08947	1.00	<.03	inc epi, chl, qtz-dol v's 1-2mm, 1-5% py in v's and dissem		
BG11-149	36.50	37.50	C08948	1.00	<.03	inc epi, chl, qtz-dol v's 1-2mm, 1-5% py in v's and dissem		
BG11-149	37.50	38.50	C08949	1.00	<.03	inc epi, chl, qtz-dol v's 1-2mm, 1-5% py in v's and dissem		
BG11-149	38.50	39.50	C08950	1.00	<.03	cont of lamp dyke at 39.05m, epi laths in dyke		
BG11-149	39.50	41.00	C08951	1.50	<.03	min qtz-dol v's		
BG11-149	41.00	41.80	C08952	0.80	<.03	min qtz-dol v's		

Hole_ID	From	To	Sample_#	Length	Au ppm	Description	Au ppm_ck	Au ppm-ck2
BG11-149	41.80	42.80	C08953	1.00	<.03	cont dyke-diorite bx at 42m, 1-2% dissem py		
BG11-149	42.80	44.00	C08954	1.20	<.03	inc py within blk qtz veins/blk qtz flooding, 1-5%		
BG11-149	44.00	45.00	C08955	1.00	<.03	bleached, broken 44.5-45m, 1-5% py		
BG11-149	45.00	46.00	C08956	1.00	<.03	bleached, broken 1-5% py		
BG11-149	46.00	47.00	C08957	1.00	<.03	inc clasts of ? In matrix, 1-3% py, blocky		
BG11-149	47.00	48.00	C08958	1.00	<.03	clasts of ? In matrix, 1-3% py, blocky		
BG11-149	48.00	49.00	C08959	1.00	<.03	clasts of ? In matrix, 1-3% py		
BG11-149	49.00	50.00	C08960	1.00	<.03	prev		
BG11-149	50.00	51.00	C08961	1.00	<.03	min qtz-dol v's, 1% dissem py		
BG11-149	51.00	52.00	C08962	1.00	<.03	min qtz-dol v's, 1% dissem py		
BG11-149	**52.00**	**52.80**	**C08963**	**0.80**	**0.823**	**inc sil, chl, bleached, qtz-cal v's, .5-2cm bands, 10% py at 35-40 deg TCA; 1-2% dissem py**		
BG11-149	52.80	54.00	C08964	1.20	<.03	min dissem py		
BG11-149	54.00	55.00	C08965	1.00	<.03	low angle qtz-dol v's, min py bands up to 1cm, 1-2%		
BG11-149	55.00	56.00	C08966	1.00	<.03	min qtz-dol v's, 1% dissem py, perv epidote, chl		
BG11-149	56.00	57.00	C08967	1.00	<.03	bleached QFP at 56.7-56.8m, leuco appears, min py		
BG11-149	57.00	58.00	C08968	1.00	<.03	cont of bleached QFP at 57.15m, fract with blk qtz 1-2mm, min dissem py		
BG11-149	58.00	59.20	C08969	1.20	<.03	cont QFP-Diorite at 59m, inc chl, min py		
BG11-149	59.20	60.20	C08970	1.00	<.03	1.5cm qtz-dol-ser v at 60.05m, 90 deg TCA, min dissem py		
BG11-149	60.20	61.20	C08972	1.00	0.206	min qtz-dol v's, 1% dissem py, perv epidote, chl		
BG11-149	61.20	62.70	C08973	1.50	<.03	min qtz-dol v's, 1% dissem py, perv epidote, chl		
BG11-149	62.70	64.00	C08974	1.30	<.03	min qtz-dol v's, 1% dissem py, perv epidote, chl		
BG11-149	64.00	65.00	C08975	1.00	2.160	inc chl, bleached, very blocky, 1-3% py	2.400	1.920
BG11-149	**65.00**	**66.00**	**C08976**	**1.00**	**0.686**	**very blocky, 1-3% cse py**		
BG11-149	66.00	67.00	C08978	1.00	0.411	very blocky, low angle cal-qtz v's, min py		
BG11-149	**67.00**	**68.00**	**C08979**	**1.00**	**0.617**	**inc epidote v's, 1-2% dissem py**		
BG11-149	68.00	69.00	C08980	1.00	0.069	bi qfp appears at 68m, min dissem py		
BG11-149	69.00	70.00	C08981	1.00	<.03	perv epidote, min py		
BG11-149	70.00	71.00	**CO6957**	1.00	0.069			
BG11-149	71.00	72.20	C08982	1.20	<.03	gouge at 71.9m, 25 deg TCA, perv epidote, chl, min py		
BG11-149	72.20	73.70	C08983	1.50	<.03	leuco comes and goes, 20% bi qfp, min dissem py		
BG11-149	73.70	74.60	C08984	0.90	<.03	min py, cal v at 74.15m, 90 deg TCA		
BG11-149	74.60	75.60	C08985	1.00	<.03	qtz-ser-dol v, 1-3cm at 75m, min dissem py		
BG11-149	75.60	76.40	C08986	0.80	<.03	min py		
BG11-149	76.40	77.00	C08987	0.60	1.269	1-5% dissem py	1.166	1.371
BG11-149	**77.00**	**77.60**	**C08988**	**0.60**	**5.760**	**silicious zone, 10-20% py, cse**	**6.514**	**5.006**
BG11-149	**77.60**	**78.60**	**C08989**	**1.00**	**0.686**	**1-3% cse py bands within qtz-dol v's**		
BG11-149	78.60	79.60	C08990	1.00	0.069	1% dissem py		
BG11-149	79.60	81.00	C08991	1.40	0.137	min cse py in swells of 1-2cm at 80m		
BG11-152	19.70	20.70	C09662	1.00	<.03	blocky, broken, ground, 19.75-19.9m 1-5% py		
BG11-152	20.70	21.70	C09664	1.00	<.03	epidote v's, min hem, leuco comes and goes, min py		
BG11-152	**21.70**	**22.70**	**C09665**	**1.00**	**0.754**	**ddh cut through prev hole BG-11-153, py in epidote v's, 1-5%**		
BG11-152	22.70	23.70	C09666	1.00	0.480	ground core-rubble at 22.8m, wispy qtz-carb v's, min py		
BG11-152	**23.70**	**24.30**	**C09667**	**0.60**	**0.549**	**seam of py in qtz-carb v, at 80 deg TCA 24.2-24.23m,15-20% py**		
BG11-152	24.30	25.10	C09668	0.80	<.03	epidote v's min py within 1% of v's, min dissem py, qtz-carb v's, 1-2%		
BG11-152	25.10	25.60	C09669	0.50	1.200	**cse py in qtz-carb v at 25.2-25.3m 5-10%, fract**	1.234	1.166
BG11-152	25.60	26.60	C09670	1.00	<.03	perv epi v's, min dissem py		
BG11-152	26.60	27.40	C09671	0.80	<.03	perv epi v's, min dissem py,wispy qtz-carb v's, all angles		
BG11-152	27.40	28.00	C09672	0.60	0.343	**qtz-carb v, 27.45- 27.48m, 1-5%py**		
BG11-152	28.00	29.00	C09673	1.00	<.03	perv epi v's, min dissem py,wispy qtz-carb v's, all angles		
BG11-152	29.00	30.00	C09674	1.00	<.03	perv epi v's, min dissem py		
BG11-152	30.00	31.00	C09675	1.00	0.137	inc sil, hem in v, 30-40 deg TCA, mag starts at 30.8m		
BG11-152	31.00	32.00	C09676	1.00	<.03	inc hem, fresh dior		

Hole_ID	From	To	Sample_#	Length	Au ppm	Description	Au ppm_ck	Au ppm-ck2
BG11-152	32.00	33.00	C09677	1.00	<.03	fresh dior, min py		
BG11-152	33.00	34.50	C09678	1.50	0.206	aphanitic, min wispy qtz-carb v's, <<py		
BG11-152	34.50	36.00	C09679	1.50	0.274	aphanitic, min wispy qtz-carb v's, <<py, min hem, mag stops at 34.5m		
BG11-152	36.00	37.50	C09680	1.50	0.274	aphanitic, min wispy qtz-carb v's, <<py, min hem,		
BG11-152	37.50	38.70	C09682	1.20	0.069	inc epi, chli v's, min py		
BG11-152	38.70	39.70	C09683	1.00	0.206	epi-chl v, 50% py at 39.0m, 2mm; 90 deg TCA		
BG11-152	39.70	40.70	C09684	1.00	0.137	mag at 40.2m, min py, inc epi		
BG11-152	40.70	41.70	C09685	1.00	0.069	perv epi v's, min dissem py		
BG11-152	41.70	42.60	C09686	0.90	0.137	min hem,py		
BG11-152	42.60	43.60	C09688	1.00	0.206	**inc sil, dissem py, py seam at 43.36-43.37m, 70 deg TCA**		
BG11-152	43.60	44.70	C09690	1.10	0.823	inc sil, inc epi, qtz-carb v's, dissem py 1-2%		
BG11-152	44.70	45.30	C09691	0.60	2.572	**fault gouge, 44.8-44.95m at 20 deg TCA, cataclastic texture, min py, 1cm hem clay, main break?**	2.880	2.263
BG11-152	45.30	46.10	C09692	0.80	0.960	fault gouge at 46.0, 20 deg TCA, hem-clay, min py		
BG11-152	46.10	47.10	C09693	1.00	0.274	slip fault 47.0m 80-90 deg TCA, min py in epi-chl v's		
BG11-152	47.10	48.10	C09694	1.00	<.03	1-2% py in v's, leuco		
BG11-152	48.10	49.00	C09695	0.90	0.206	slip at 48.2m, py in qtz-carb 50 deg TCA , 5-10%py		
BG11-152	49.00	50.00	C09696	1.00	<.03	hem, epi v's, min py		
BG11-152	50.00	51.00	C09697	1.00	0.069	hem, epi v's, min py		
BG11-152	51.00	52.50	C09698	1.50	0.137	perv epi v's, min dissem py		
BG11-152	52.50	54.00	C09699	1.50	0.069	min qtz-carb v's, min dissem py		
BG11-152	54.00	55.50	C09700	1.50	<.03	perv leuco, low angle qtz-carb v's, min py		
BG11-152	55.50	57.00	C09701	1.50	<.03	slip at 56.8m 30 deg TCA, min py		
BG11-152	57.00	58.50	C09702	1.50	0.137	perv leuco, low angle qtz-carb v's, min py		
BG11-152	58.50	60.00	C09704	1.50	0.411	slip at 59.8, 35-40 deg TCA; inc sil		
BG11-152	60.00	61.00	C09705	1.00	0.206	fault-gouge 60.2-60.3m, 40 deg TCA; cont of diorite-QFP		
BG11-152	61.00	62.00	C09706	1.00	<.03	slip at 61.25m, 40 deg TCA, slip AT 61.95m, 65 deg TCA; min py		
BG11-152	62.00	63.00	C09707	1.00	<.03	fresh QFP, min py		
BG11-152	63.00	64.50	C09708	1.50	<.03	fresh QFP, min py		
BG11-152	64.50	66.00	C09709	1.50	<.03	fresh QFP, min py		
BG11-152	66.00	67.50	C09710	1.50	<.03	fresh QFP, min py		
BG11-152	67.50	68.50	C09711	1.00	0.480	cont QFP-dior at 68.1m		
BG11-152	68.50	70.00	C09713	1.50	<.03	inc epidote v's, min py		
BG11-152	70.00	71.50	C09714	1.50	<.03	epidote v's, min py		
BG11-152	71.50	73.00	C09715	1.50	<.03	epidote v's, min py		
BG11-152	73.00	74.50	C09716	1.50	0.069	epidote v's, min py		
BG11-152	74.50	75.80	C09717	1.30	0.137	epidote v's, min py		
BG11-152	75.80	77.00	C09718	1.20	<.03	mag start at 75.8, inc sil, gouge at 76.1m, at 80 deg TCA, inc py in min epidote veining		
BG11-152	77.00	78.50	C09719	1.50	<.03	perv epi v's, min dissem py, py in min epidote v's		
BG11-152	78.50	80.00	C09720	1.50	<.03	perv epi v's, min dissem py		
BG11-152	80.00	81.00	C09721	1.00	1.577	inc py in v's, 1-3% dissem	1.714	1.440
BG11-152	81.00	82.00	C09722	1.00	1.303	seam of py at 81.2m, 1cm, 10-15% py	1.371	1.234
BG11-152	**82.00**	**83.00**	**C09724**	**1.00**	**0.960**	**perv epi v's, min dissem py, min py in epidote v's**		
BG11-152	83.00	84.00	C09725	1.00	0.069	qtz-epidote v at 70 deg TCA, 2cm, min py		
BG11-152	84.00	84.80	C09726	0.80	0.549	perv epi v's, min dissem py		
BG11-152	86.60	87.30	C09727	0.70	0.069	**stope at 87m, drillers note, approx 6 ft of void; sample length= .6m**		
BG11-152	87.30	88.50	C09728	1.20	0.206	perv epi v's, min dissem py		
BG11-152	88.50	90.00	C09729	1.50	<.03	perv epi v's, min dissem py		
BG11-152	90.00	91.50	C09730	1.50	<.03	perv epi v's, min dissem py		
BG11-152	91.50	93.00	C09731	1.50	0.206	inc sil, inc py in epidote v's		
BG11-152	93.00	94.00	C09732	1.00	<.03	inc epidote v's, min fract, inc chl		
BG11-152	94.00	95.00	C09733	1.00	0.274	prev, carb v length of core, at 0-10 deg TCA		
BG11-152	95.00	96.00	C09734	1.00	0.069	perv epi v's, min dissem py		

Hole_ID	From	To	Sample_#	Length	Au ppm	Description	Au ppm_ck	Au ppm-ck2
BG11-152	96.00	97.50	C09735	1.50	<.03	perv epi v's, min dissem py		
BG11-152	97.50	99.00	C09737	1.50	<.03	inc py in epidote v's, 1-3% py		
BG11-152	99.00	100.00	C09738	1.00	0.137	perv epi v's, min dissem py		
BG11-152	100.00	101.00	C09739	1.00	<.03	perv epi v's, min dissem py		
BG11-152	101.00	102.00	C09740	1.00	0.069	inc sil, dk grey, leuco, 1-2% py		
BG11-152	102.00	103.00	C09741	1.00	0.274	perv epi v's, min dissem py		
BG11-152	103.00	104.00	C09742	1.00	<.03	perv epi v's, min dissem py		
BG11-152	104.00	105.50	C09743	1.50	0.137	min hem, prev		
BG11-152	105.50	107.00	C09744	1.50	0.274	min hem, prev		
BG11-152	107.00	108.50	C09745	1.50	0.069	perv epi v's, min dissem py		
BG11-152	108.50	109.00	C09746	0.50	0.480	seam of py at 108.63-108.64m, 90 deg TCA, 50% py		
BG11-152	109.00	110.00	C09747	1.00	0.069	perv epi v's, min dissem py		
BG11-152	110.00	111.50	C09748	1.50	0.069	prev		
BG11-152	111.50	113.00	C09749	1.50	<.03	perv epi v's, min dissem py		
BG11-152	113.00	113.75	C09751	0.75	0.137	min bands of py 3-4mm; at 113.15, 113.65m 90 deg TCA, 15-20% py		
BG11-152	113.75	114.75	C09752	1.00	0.069	perv epi v's, min dissem py		
BG11-152	114.75	116.00	C09753	1.25	<.03	perv epi v's, min dissem py		
BG11-152	116.00	117.50	C09754	1.50	<.03	min epi v's, min py		
BG11-152	117.50	118.50	C09755	1.00	<.03	low angle qtz-cal v's, min py		
BG11-152	118.50	120.00	C09756	1.50	<.03	leuco appears, min py		
BG11-152	120.00	121.00	C09757	1.00	<.03	prev		
BG11-152	121.00	122.00	C09758	1.00	0.274	inc py, dissem, inc carb in matrix		
BG11-152	122.00	123.00	C09759	1.00	4.800	inc py, dissem, inc carb in matrix	4.594	5.006
BG11-152	123.00	124.20	C09760	1.20	3.189	**inc py, dissem, inc carb in matrix**	3.154	3.223
BG11-152	124.20	125.10	C09761	0.90	2.229	**inc py, 1-3%; dissem, carb in matrix**	2.263	2.194
BG11-152	125.10	126.10	C09762	1.00	1.783	**inc py, 1-5%; dissem, carb in matrix**	1.509	2.057
BG11-152	126.10	127.10	C09763	1.00	2.949	**inc py, 1-5%; dissem, carb in matrix**	3.154	2.743
BG11-152	**127.10**	**128.10**	**C09765**	**1.00**	**0.891**	**perv epi v's, min dissem py**		
BG11-152	128.10	129.50	C09766	1.40	<.03	perv epi v's, min dissem py		
BG11-152	129.50	131.00	C09767	1.50	<.03	perv epi v's, min dissem py		
BG11-152	131.00	132.50	C09768	1.50	<.03	perv epi v's, min dissem py		
BG11-152	132.50	133.30	C09770	0.80	0.343	perv epi v's, min dissem py		
BG11-152	133.30	134.00	C09771	0.70	0.686	inc py 1-5%, leuco		
BG11-152	134.00	135.00	C09772	1.00	<.03	perv epi v's, 1-3%p in v's		
BG11-152	135.00	136.00	C09773	1.00	<.03	perv epi v's, 1-3%p in v's		
BG11-152	136.00	137.00	C09774	1.00	0.206	perv epi v's, 1-3%p in v's		
BG11-152	137.00	137.50	C09775	0.50	1.132	**inc py 137-137.3m; 5-15%**	1.166	1.097
BG11-152	137.50	138.50	C09777	1.00	<.03	perv epi v's, 1-3%p in v's		
BG11-152	138.50	139.50	C09778	1.00	<.03	perv epi v's, min dissem py		
BG11-152	139.50	141.00	C09779	1.50	<.03	perv epi v's, min dissem py		
BG11-152	141.00	142.00	C09780	1.00	<.03	inc py, 1-2%		
BG11-152	142.00	143.50	C09781	1.50	0.069	carb v, 142.6, 25 deg TCA		
BG11-152	143.50	145.00	C09782	1.50	<.03	perv epi v's, min dissem py		
BG11-152	145.00	146.50	C09784	1.50	0.069	perv epi v's, min dissem py		
BG11-152	146.50	148.00	C09785	1.50	0.206	perv epi v's, min dissem py		
BG11-152	148.00	149.50	C09786	1.50	<.03	perv epi v's, min dissem py		
BG11-152	149.50	150.20	C09787	0.70	1.646	**inc carb, leuco, 1-5% py**	1.920	1.371
BG11-152	150.20	151.00	C09788	0.80	0.480	inc carb at 150.8m, dissem py		
BG11-152	151.00	152.00	C09789	1.00	1.543	inc carb, leuco, 1-5% py	1.509	1.577
BG11-152	152.00	153.00	C09790	1.00	0.411	fresh dior, min py		
BG11-152	153.00	154.00	C09791	1.00	0.274	wispy carb v's, min py		
BG11-152	154.00	155.00	C09793	1.00	0.137	wispy carb v's, min py		

Hole_ID	From	To	Sample_#	Length	Au ppm	Description	Au ppm_ck	Au ppm-ck2
BG11-152	155.00	156.00	C09794	1.00	0.343	min py, leuco		
BG11-152	156.00	157.00	C09795	1.00	<.03	slip 156.1m, 45 deg TCA, qtz v 156.1-156.17@ 45 deg TCA		
BG11-152	157.00	158.50	C09796	1.50	<.03	wispy carb v's, min py		
BG11-152	158.50	160.00	C09797	1.50	<.03	epidote-chl v's, wispy all angles		
BG11-152	160.00	161.50	C09798	1.50	<.03	epidote-chl v's, wispy all angles		
BG11-152	161.50	163.00	C09799	1.50	0.411	bleached section, inc chl at 162.2m		
BG11-152	163.00	163.85	C09800	0.85	<.03	epidote-chl v's, wispy all angles		
BG11-152	163.85	164.60	C10001	0.75	1.303	**qtz-carb v at 164.2m, 90 deg TCA, 3cm, inc py in epidote v's, chl, 1-5%**	1.440	1.166
BG11-152	164.60	165.60	C10003	1.00	<.03	epidote-chl v's, wispy all angles		
BG11-152	165.60	166.30	C10004	0.70	<.03	epidote-chl v's, wispy all angles		
BG11-152	166.30	166.80	C10005	0.50	0.343	inc epidote v's 10-15%, inc py 1-3%		
BG11-152	166.80	168.00	C10006	1.20	<.03	epidote-chl v's, wispy all angles		
BG11-152	168.00	169.20	C10007	1.20	<.03	epidote-chl v's, wispy all angles		
BG11-152	169.20	169.70	C10008	0.50	0.274	inc py, in epidote, chl v's, 1-5%		
BG11-152	169.70	171.00	C10009	1.30	<.03	epidote-chl v's, wispy all angles		
BG11-152	171.00	171.50	C10010	0.50	1.680	qtz v, 90 deg TCA; 5-10% py	1.783	1.577
BG11-152	171.50	172.50	C10011	1.00	<.03	epidote-chl v's, wispy all angles		
BG11-152	172.50	174.00	C10012	1.50	<.03	epidote-chl v's, wispy all angles		
BG11-152	174.00	175.00	C10013	1.00	<.03	micro frac, perv epi v's, min py		
BG11-152	**175.00**	**175.60**	**C10014**	**0.60**	**0.754**	**qtz-dol-ser v, leuco, 1-2% py**		
BG11-152	175.60	177.00	C10015	1.40	0.343	micro frac, perv epi v's, min py		
BG11-152	**177.00**	**178.50**	**C10016**	**1.50**	**0.960**	**epidote-chl v's, wispy all angles**		
BG11-152	178.50	180.00	C10018	1.50	0.274	low angle qtz-cal v, min py		
BG11-152	180.00	181.00	C10019	1.00	0.069	inc sil, 180.3-180.35m, min py		
BG11-152	181.00	182.20	C10020	1.20	0.137	epidote-chl v's, wispy all angles		
BG11-152	**182.20**	**182.80**	**C10021**	**0.60**	**5.555**	**inc py in epidote v's, 1-5% py, leuco**	**5.623**	**5.486**
BG11-152	182.80	184.00	C10022	1.20	<.03	epidote-chl v's, wispy all angles		
BG11-152	184.00	185.50	C10023	1.50	<.03	epidote-chl v's, wispy all angles		
BG11-152	185.50	187.00	C10024	1.50	<.03	epidote-chl v's, wispy all angles		
BG11-152	187.00	188.50	C10025	1.50	<.03	py dissem 1%, perv epidote v's		
BG11-152	188.50	189.50	C10026	1.00	<.03	py dissem 1%, perv epidote v's		
BG11-152	189.50	190.60	C10027	1.10	<.03	py dissem 1%, perv epidote v's		
BG11-152	**190.60**	**191.10**	**C10028**	**0.50**	**8.846**	**inc sil, 3-5% dissem py, py in epidote v's, 3-5%**	**10.423**	**7.269**
BG11-152	191.10	192.10	C10030	1.00	0.137	epidote-chl v's, wispy, low angles		
BG11-152	192.10	193.60	C10031	1.50	0.069	epidote-chl v's, wispy, low angles		
BG11-152	193.60	195.10	C10032	1.50	<.03	epidote-chl v's, wispy, low angles		
BG11-152	195.10	196.40	C10033	1.30	<.03	min hem, prev		
BG11-152	196.40	197.30	C10034	0.90	<.03	inc epidote v's, chl,carb, min py		
BG11-152	197.30	198.00	C10035	0.70	0.411	1-5% py in epidote, chl v's		
BG11-152	198.00	199.00	C10036	1.00	0.069	1-5% py in epidote, chl v's		
BG11-152	199.00	200.00	C10037	1.00	<.03	min qtz-dol-ser v's, 30-40 deg TCA, min py		
BG11-152	200.00	201.00	C10038	1.00	<.03	dec epidote v's		
BG11-152	201.00	201.70	C10039	0.70	<.03	dec epidote v's		
BG11-152	201.70	202.20	C10040	0.50	<.03	inc epidote v's, 1-5% py		
BG11-152	202.20	203.60	C10041	1.40	<.03	dec epidote v's		
BG11-152	203.60	204.20	C10042	0.60	0.069	grey-white qtz v at 203.8-204m 30 deg TCA, leucox, min py		
BG11-152	204.20	205.20	C10043	1.00	<.03	epidote-chl v's, wispy, low angles		
BG11-152	205.20	206.70	C10045	1.50	<.03	epidote-chl v's, wispy, low angles		
BG11-152	206.70	208.20	C10046	1.50	<.03	qtz-carb v at 207.2m 25 deg TCA, min py		
BG11-152	208.20	209.70	C10047	1.50	<.03	epidote-chl v's, wispy, low angles		
BG11-152	209.70	211.20	C10048	1.50	<.03	epidote-chl v's, wispy, low angles		
BG11-152	211.20	212.70	C10049	1.50	<.03	epidote-chl v's, wispy, low angles		

Hole_ID	From	To	Sample_#	Length	Au ppm	Description	Au ppm_ck	Au ppm-ck2
BG11-152	212.70	214.20	C10050	1.50	<.03	epidote-chl v's, wispy, low angles		
BG11-152	214.20	215.60	C10051	1.40	<.03	inc sil, carb, py, 2-5%,		
BG11-152	215.60	216.40	C10052	0.80	1.269	**qtz-dol-ser-chl, 216.45-216.59m min pink carb, moly in min micro frac, min py**	1.303	1.234
BG11-152	216.40	217.10	C10053	0.70	<.03	epidote-chl v's, wispy, low angles		
BG11-152	217.10	218.10	C10055	1.00	<.03	epidote-chl v's, wispy, low angles, min py		
BG11-152	218.10	219.60	C10056	1.50	<.03	epidote-chl v's, wispy, low angles, min py; EOH 219.6m		
BG11-153A	14.60	16.00	C09651	1.40	<.03	epidote v's min py within 1% of v's, min dissem py, qtz-carb v's, 1-2%		
BG11-153A	16.00	17.00	C09652	1.00	0.069	epidote v's min py within 1% of v's, min dissem py, qtz-carb v's, 1-2%		
BG11-153A	17.00	18.00	C09653	1.00	0.274	epidote v, 70 deg TCA, at 17.4m, 1-5% py		
BG11-153A	18.00	19.00	C09654	1.00	0.343	epidote v's min py within 1% of v's, min dissem py, qtz-carb v's, 1-2%		
BG11-153A	19.00	20.00	C09655	1.00	<.03	epidote v's min py within 1% of v's, min dissem py, qtz-carb v's, 1-2%		
BG11-153A	20.00	21.00	C09656	1.00	0.069	epidote v's min py within 1% of v's, min dissem py, qtz-carb v's, 1-2%		
BG11-153A	21.00	22.00	C09657	1.00	<.03	qtz-carb-ser v 21.2-21.4 at 20 deg TCA, min py		
BG11-153A	22.00	23.00	C09658	1.00	<.03	epidote v's min py within 1% of v's, min dissem py, qtz-carb v's, 1-2%		
BG11-153A	23.00	24.00	C09659	1.00	0.274	qtz-carb v at 23.68m 70 deg TCA,1-2cm, min py		
BG11-153A	24.00	24.90	C09660	0.90	<.03	ep v at 24.3m, .5cm,5% py		
BG11-153A	24.90	25.60	C09661	0.70	<.03	epidote v's min py within 1% of v's, min dissem py, qtz-carb v's, 1-2%, lost hole at 25.6m		
BG11-153A	13.40	15.00	C10195	1.60	<.03	wispy, cab v's, min hem, py		
BG11-153A	15.00	16.30	C10196	1.30	<.03	epidote veining, infilling of py in 1-2% v's		
BG11-153A	16.30	16.80	C10197	0.50	<.03	inc py in epidote v's, 1-5%		
BG11-153A	16.80	18.00	C10199	1.20	<.03	leuco, hem ,carb v's, epidote v's, min py		
BG11-153A	18.00	19.00	C10200	1.00	<.03	leuco, hem ,carb v's, epidote v's, min py		
BG11-153A	19.00	20.00	C10201	1.00	<.03	leuco, hem ,carb v's, epidote v's, min py		
BG11-153A	20.00	21.00	C10202	1.00	<.03	leuco, hem ,carb v's, epidote v's, min py		
BG11-153A	21.00	22.00	C10203	1.00	<.03	qtz-carb v at 22m, 1-3cm, 45 deg TCA, min py		
BG11-153A	22.00	23.00	C10204	1.00	0.069	epidote v's continue@ 45 deg TCA		
BG11-153A	23.00	23.70	C10205	0.70	0.274	inc py in epidote v's, 1-3cm bands py,1-3%		
BG11-153A	23.70	24.70	C10206	1.00	0.069	hem ,carb v's, epidote v's, min py		
BG11-153A	24.70	25.30	C10207	0.60	0.137	inc py in epidote v's, 1-3cm bands py, 1-3%		
BG11-153A	25.30	25.90	C10208	0.60	0.274	series of py bands at 50 deg TCA, 1-3%		
BG11-153A	25.90	27.00	C10209	1.10	0.069	dec py within v's of epidote		
BG11-153A	**27.00**	**28.00**	**C10210**	**1.00**	**0.960**	**dec py within v's of epidote**		
BG11-153A	28.00	29.00	C10211	1.00	0.343	dec py within v's of epidote		
BG11-153A	29.00	30.00	C10212	1.00	0.069	1-2% py in epidote v's		
BG11-153A	30.00	31.00	C10213	1.00	1.783	min pink carb v, min py, heavily altered section	1.783	1.783
BG11-153A	**31.00**	**32.00**	**C10214**	**1.00**	**0.891**	**dec py within v's of epidote**		
BG11-153A	**32.00**	**33.00**	**C10216**	**1.00**	**0.617**	**dec py within v's of epidote**		
BG11-153A	33.00	34.00	C10217	1.00	<.03	wispy carb v's, epidote dissapears, min py		
BG11-153A	34.00	35.00	C10218	1.00	0.206	bleached 80%, min py, magnetic at 34.9m, min py		
BG11-153A	35.00	36.00	C10219	1.00	<.03	wispy carb v's, min py		
BG11-153A	36.00	37.50	C10220	1.50	0.480	pristine diorite, v min py		
BG11-153A	37.50	39.00	C10221	1.50	0.274	wispy, carb v's, min hem, py		
BG11-153A	39.00	40.00	C10223	1.00	0.343	wispy carb v's, inc py, 1-2%, hem		
BG11-153A	40.00	41.00	C10224	1.00	0.206	wispy, carb v's, min hem, py		
BG11-153A	**41.00**	**41.70**	**C10225**	**0.70**	**0.549**	**slip 41.2 @30 deg TCA; qtz-carb v @80 deg TCA at 41.3m, 2cm,1-3% py**		
BG11-153A	41.70	42.30	C10226	0.60	1.852	2mm-1cm py seams, 41.82-42.07m; 5-10% py	1.920	1.783
BG11-153A	42.30	43.30	C10227	1.00	0.137	wispy, carb v's, min hem, py		
BG11-153A	43.30	44.80	C10228	1.50	<.03	wispy, carb, epidote v's, min hem, py		
BG11-153A	44.80	46.00	C10229	1.20	<.03	wispy, carb, epidote v's, min hem, py		
BG11-153A	46.00	47.50	C10230	1.50	<.03	bleached at 46.3-46.55m, inc epidote v's, min py		
BG11-153A	47.50	49.00	C10231	1.50	0.069	inc hem, qtz-carb v 48.4m, 2-3cm, 25 deg TCA		
BG11-153A	49.00	50.00	C10232	1.00	0.137	inc epidote v's, py infilling, 1-2%, hem		

Hole_ID	From	To	Sample_#	Length	Au ppm	Description	Au ppm_ck	Au ppm-ck2
BG11-153A	50.00	51.00	C10233	1.00	0.549	carb v's 50-50.1m, 1-3cm, void		
BG11-153A	51.00	52.30	C10234	1.30	0.686	inc epidote v's, py infilling 1-3%, hem		
BG11-153A	52.30	53.30	C10235	1.00	0.343	carb v 52.4-52.8, 20 deg TCA, chl,epi, min py		
BG11-153A	53.30	54.30	C10236	1.00	0.206	inc epidote v's, py infilling 1%, hem		
BG11-153A	54.30	55.60	C10237	1.30	0.274	inc epi v's, py infilling, 1-2%,hem		
BG11-153A	55.60	56.60	C10239	1.00	2.503	seams of py, 1-2 cm, 5-15%, hem	2.606	2.400
BG11-153A	56.60	57.50	C10241	0.90	0.343	epidote v's, py infilling 1%, hem		
BG11-153A	57.50	58.50	C10242	1.00	0.206	carb-chl-ep v at 57.62-57.63m, 85 deg TCA; 1-5% py		
BG11-153A	58.50	60.00	C10243	1.50	0.274	min py, hem, dec epi v's		
BG11-153A	60.00	61.50	C10244	1.50	<.03	min py in epi v's, hem		
BG11-153A	61.50	63.00	C10245	1.50	<.03	min py in epi v's, hem		
BG11-153A	63.00	64.50	C10246	1.50	0.549	min bleaching, min py, hem		
BG11-153A	64.50	66.00	C10247	1.50	<.03	min bleaching, min py, hem		
BG11-153A	66.00	67.50	C10248	1.50	<.03	blocky, min py, hem		
BG11-153A	67.50	68.50	C10249	1.00	<.03	min py in epi v's, hem		
BG11-153A	68.50	69.50	C10250	1.00	<.03	min py in epi v's, hem		
BG11-153A	69.50	70.00	C10251	0.50	0.069	flood of carb-ser, min sil,1% py		
BG11-153A	70.00	71.50	C10252	1.50	0.069	wispy, carb v's, min hem, py		
BG11-153A	71.50	73.00	C10253	1.50	<.03	wispy, carb v's, min hem, py, leuco		
BG11-153A	73.00	74.50	C10254	1.50	<.03	wispy, carb v's, min hem, py, leuco		
BG11-153A	74.50	76.00	C10255	1.50	0.137	wispy, carb v's, min hem, py, leuco, inc chl		
BG11-153A	76.00	77.00	C10256	1.00	<.03	wispy, carb v's, min hem, py, leuco		
BG11-153A	77.00	78.00	C10257	1.00	0.137	inc carb in matrix, py infilling in epidote v's, 1-2%		
BG11-153A	78.00	79.00	C10258	1.00	0.206	carb in matrix, py infilling in epidote v's, 1-2%		
BG11-153A	79.00	80.00	C10259	1.00	<.03	carb in matrix, py infilling in epidote v's, 1-2%		
BG11-153A	80.00	81.00	C10260	1.00	<.03	pink-white carb v's, wispy, min py		
BG11-153A	81.00	82.20	C10261	1.20	0.686	MAIN BREAK 81.2-82.2m, cataclastic texture, mud		
BG11-153A	82.20	83.00	C10262	0.80	<.03	contact, diorite-biqfp 82.3m gouge at 30 deg tca		
BG11-153A	83.00	84.00	C10264	1.00	<.03	inc chl in bi qfp		
BG11-153A	84.00	85.00	C10265	1.00	<.03	prev		
BG11-153A	85.00	86.00	C10266	1.00	<.03	qfp, min py, slip at 85.3m, 30 deg TCA		
BG11-153A	86.00	87.50	C10267	1.50	<.03	carb cont in matrix		
BG11-153A	87.50	89.00	C10268	1.50	<.03	carb cont in matrix, min py,		
BG11-153A	89.00	90.00	C10269	1.00	<.03	carb cont in matrix, min py,		
BG11-153A	90.00	91.00	C10270	1.00	<.03	cont qfp-dior 90.6m		
BG11-153A	91.00	91.60	C10271	0.60	0.549	broken, inc py dissem, inc carb		
BG11-153A	91.60	92.60	C10272	1.00	0.480	micro frac, inc epidote v's, blocky, broken		
BG11-153A	92.60	94.10	C10273	1.50	0.343	low angle carb v's, 10 deg TCA, min py, hem		
BG11-153A	94.10	95.10	C10274	1.00	0.480	blocky, infilling of epi with py, 1-2%		
BG11-153A	95.10	96.00	C10275	0.90	0.754	blocky, infilling of epi with py, 1-2%		
BG11-153A	96.00	97.50	C10277	1.50	0.411	blocky, infilling of epi with py, 1-2%		
BG11-153A	97.50	99.00	C10278	1.50	0.549	blocky, infilling of epi with py, 1-2%		
BG11-153A	99.00	100.00	C10279	1.00	0.754	chl-epi-ser-carb v at 99.6-99.7m, 10-20 deg TCA, min py		
BG11-153A	100.00	100.50	C10280	0.50	1.543	py seam at 100.3m, .5-1.5cm seam, 10-15% py	1.577	1.509
BG11-153A	100.50	101.50	C10281	1.00	0.274	epidote v's, min py		
BG11-153A	101.50	102.50	C10282	1.00	0.274	epidote v's, min py		
BG11-153A	102.50	103.50	C10283	1.00	0.137	epidote v's, min py		
BG11-153A	103.50	105.00	C10284	1.50	0.480	carb v's with hem, 30 deg TCA		
BG11-153A	105.00	106.00	C10285	1.00	0.343	carb v's with hem, 30 deg TCA		
BG11-153A	106.00	107.00	C10286	1.00	0.274	carb v's 10-15 deg TCA ,min py		
BG11-153A	107.00	107.50	C10287	0.50	0.206	cont Diorite- Bimodal QFP @ 107.3m, 75 deg TCA, min py seam infilling ep v's, 1-3mm		
BG11-153A	107.50	108.50	C10288	1.00	0.617	cont Bimodal QFP-Diorite at 107.7m		

Hole_ID	From	To	Sample_#	Length	Au ppm	Description	Au ppm_ck	Au ppm-ck2
BG11-153A	**108.50**	**109.50**	**C10290**	**1.00**	**0.549**	**inc carb, leuco, min py in carb v's**		
BG11-153A	109.50	110.50	C10291	1.00	3.360	cont dior-qfp at 110.1m, blocky, min py	3.703	3.017
BG11-153A	110.50	112.00	C10292	1.50	0.137	qfp, min py		
BG11-153A	112.00	113.10	C10293	1.10	<.03	cont, qfp-dior at 113m, hem, min py		
BG11-153A	**113.10**	**114.00**	**C10294**	**0.90**	**0.891**	**blocky, epidote v's, hem, 1% py**		
BG11-153A	114.00	114.50	C10295	0.50	3.189	1-5% py in seams at 75 deg TCA	3.223	3.154
BG11-153A	114.50	115.25	C10296	0.75	2.538	mag starts at 115.1, min py bands 1-2%, dissem 1%, inc carb in matrix and wispy v's	2.469	2.606
BG11-153A	115.25	116.50	C10297	1.25	1.269	slip at 116.25, 85 deg TCA, leucox, min py	1.166	1.371
BG11-153A	116.50	118.00	C10298	1.50	0.274	leucox, min py in v's 1%		
BG11-153A	**118.00**	**119.00**	**C10299**	**1.00**	**0.549**	**leucox, min py in v's 1%**		
BG11-153A	119.00	120.35	C10300	1.35	0.137	epidote, an v's inc, qtz-carb v at 120-120.2m, 3cm wide, 10 deg TCA, min py		
BG11-153A	**120.35**	**121.00**	**C10301**	**0.65**	**0.823**	**1-2mm v's epidote,1-2% py**		
BG11-153A	121.00	122.50	C10302	1.50	<.03	prev		
BG11-153A	122.50	124.00	C10303	1.50	<.03	inc epidote v's, min py		
BG11-153A	124.00	125.50	C10304	1.50	<.03	epidote v's, min py		
BG11-153A	125.50	127.00	C10306	1.50	0.343	epidote v's, min py		
BG11-153A	127.00	128.50	C10307	1.50	0.069	epidote v's, 1-2% py		
BG11-153A	128.50	130.00	C10308	1.50	<.03	epidote v's, min py		
BG11-153A	130.00	131.00	C10309	1.00	0.343	epidote v's, min py		
BG11-153A	131.00	132.00	C10310	1.00	0.411	1% py, dissem, and in v's		
BG11-153A	132.00	133.00	C10312	1.00	1.920	inc py in v's,1-5%, leucox	2.057	1.783
BG11-153A	**133.00**	**134.00**	**C10313**	**1.00**	**0.617**	**inc carb v's, 1-2% py, leucox**		
BG11-153A	**134.00**	**135.00**	**C10314**	**1.00**	**0.617**	**epidote v's, min py**		
BG11-153A	135.00	136.00	C10315	1.00	1.200	carb v's, 1-2% py, leucox	1.10	1.30
BG11-153A	136.00	137.00	C10316	1.00	0.411	dec epidote v's		
BG11-153A	137.00	138.00	C10317	1.00	0.069	blocky		
BG11-153A	138.00	139.00	C10318	1.00	0.274	blocky, min py, hem		
BG11-153A	139.00	140.00	C10319	1.00	<.03	blocky, min py, hem		
BG11-153A	140.00	141.00	C10320	1.00	<.03	blocky, min py, hem		
BG11-153A	141.00	142.50	C10321	1.50	<.03	epidote v's, min py, low angle carb v's		
BG11-153A	142.50	144.00	C10322	1.50	<.03	epidote v's, min py, low angle carb v's		
BG11-153A	144.00	145.00	C10323	1.00	0.069	seam of py at 144.2m, 3-4mm, 1-5% py, leucox		
BG11-153A	145.00	146.00	C10324	1.00	<.03	blocky, wispy carb v's, 1% dissem py		
BG11-153A	146.00	147.50	C10325	1.50	0.617	blocky, wispy carb v's, 1% dissem py		
BG11-153A	147.50	148.20	C10326	0.70	<.03	carb v through 50% of section, splashes and blebs of cpy,1-3%, dissem py 1-3%, v at 45 deg TCA		
BG11-153A	148.20	149.00	C10328	0.80	<.03	carb v at 148.7, @10-45 deg TCA, void, bull		
BG11-153A	149.00	150.00	C10329	1.00	<.03	leucox, minor py		
BG11-153A	150.00	151.00	C10330	1.00	<.03	inc carb, leuco, epidote gone		
BG11-153A	151.00	152.00	C10331	1.00	<.03	carb, leuco		
BG11-153A	152.00	153.00	C10332	1.00	<.03	carb, leuco, 1-2% dissem py		
BG11-153A	153.00	154.00	C10333	1.00	<.03	carb, leuco, 1-2% dissem py		
BG11-153A	154.00	155.00	C10334	1.00	<.03	aphanitic, chloritic,carb matrix, leucox		
BG11-153A	155.00	155.70	C10335	0.70	1.269	carb, leuco, 1-2% dissem py	1.234	1.303
BG11-153A	**155.70**	**156.55**	**C10337**	**0.85**	**0.823**	**inc py at 156m, 2-5%**		
BG11-153A	156.55	157.20	C10338	0.65	1.371	inc grey-black qtz in matrix, 2-5% py, dissem	1.371	1.371
BG11-153A	157.20	158.00	C10340	0.80	2.469	grey-black qtz in matrix, 2-5% py, dissem	2.331	2.606
BG11-153A	158.00	158.80	C10341	0.80	1.612	blk chloritic seams, 1-2% py, carb	1.509	1.714
BG11-153A	158.80	159.50	C10342	0.70	1.509	leucox, 3-8% py	1.509	1.509
BG11-153A	159.50	160.10	C10343	0.60	1.577	5-10% py in seams and dissem, carb v's high angles	1.58	1.58
BG11-153A	160.10	161.00	C10345	0.90	0.274	dec py, 1-2%, leucox		
BG11-153A	161.00	162.00	C10346	1.00	1.234	inc py at 161.8- 161.9, 5-10%, carb, leucox in matrix	1.23	1.23
BG11-153A	162.00	163.00	C10347	1.00	<.03	min carb v's, wispy, py infilling 1-2%		

Hole_ID	From	To	Sample_#	Length	Au ppm	Description	Au ppm_ck	Au ppm-ck2
BG11-153A	163.00	164.00	C10348	1.00	0.891	cse dissem py, 163.8-163.85m, 5-10%, leucox		
BG11-153A	164.00	165.00	C10349	1.00	0.549	cse py in seams, 1-2mm, 2-5% at 164.45m		
BG11-153A	165.00	166.00	C10350	1.00	<.03	carb v's at all angles, 45-50 deg TCA, min py		
BG11-153A	166.00	167.00	C10351	1.00	<.03	dec py, 1% dissem		
BG11-153A	167.00	168.00	C10352	1.00	<.03	cse vpy in qtz-dol v at 167.8m, 1-3%, low angle v, blocky		
BG11-153A	168.00	169.00	C10353	1.00	<.03	inc qtz-carb v's, all angles, leucox, 1% py		
BG11-153A	169.00	170.00	C10354	1.00	0.206	epidote v's start, min infilling, 1%py		
BG11-153A	170.00	170.60	C10355	0.60	0.960	inc sil, 1-3% dissem py, epidote v's		
BG11-153A	170.60	171.30	C10356	0.70	1.509	inc dissem py 2-10%, leucox	1.371	1.646
BG11-153A	171.30	172.00	C10358	0.70	1.509	fract qtz v, bull white, blocky, hem	1.577	1.440
BG11-153A	172.00	173.00	C10359	1.00	0.480	cse py 1-2%, very blocky, leucox		
BG11-153A	173.00	174.00	C10360	1.00	0.137	cse py 1-2%, very blocky, leucox, epidote continues		
BG11-153A	174.00	175.00	C10361	1.00	0.274	low angle carb v's, min py		
BG11-153A	175.00	176.00	C10363	1.00	0.754	very blocky, epidote v's, min py		
BG11-153A	176.00	177.00	C10364	1.00	0.343	very blocky, epidote v's, min py		
BG11-153A	177.00	178.00	C10365	1.00	<.03	very blocky, epidote v's, min py		
BG11-153A	178.00	179.00	C10366	1.00	0.206	very blocky, epidote v's, min py		
BG11-153A	179.00	180.00	C10367	1.00	0.137	very blocky, epidote v's, min py		
BG11-153A	180.00	181.00	C10368	1.00	0.411	very blocky, epidote v's, 1-2% py		
BG11-153A	181.00	181.50	C10369	0.50	5.349	inc py 1-3%, dissem and in seams, hem	5.349	5.349
BG11-153A	181.50	182.10	C10370	0.60	8.400	py 1-5%, dissem and seams, hem	9.943	6.857
BG11-153A	182.10	183.00	C10372	0.90	1.680	py 1-5%, dissem and seams, 50 deg TCA, hem	1.783	1.577
BG11-153A	183.00	184.00	C10373	1.00	0.343	dec py, very blocky, epidote v's		
BG11-153A	184.00	185.00	C10374	1.00	<.03	inc epi v's, 1-2% py		
BG11-153A	185.00	186.00	C10375	1.00	<.03	dec py, very blocky, epidote v's		
BG11-153A	186.00	187.00	C10376	1.00	<.03	dec py, very blocky, epidote v's		
BG11-153A	187.00	188.00	C10377	1.00	0.274	dec py, very blocky, epidote v's		
BG11-153A	188.00	189.00	C10378	1.00	<.03	prev		
BG11-153A	189.00	190.00	C10379	1.00	0.891	1-3% py in v's		
BG11-153A	190.00	190.50	C10380	0.50	0.274	1-5% py, continuing blocky		
BG11-153A	190.50	191.10	C10381	0.60	0.754	5-10% py in seams and dissem, inc epi v's		
BG11-153A	191.10	192.10	C10382	1.00	0.823	2-10% py, very blocky		
BG11-153A	192.10	193.00	C10384	0.90	0.343	dec py, wispy epidote, carb v's		
BG11-153A	193.00	194.00	C10385	1.00	0.274	min py, wispy epidote, carb v's		
BG11-153A	194.00	195.00	C10387	1.00	<.03	min py, wispy epidote, carb v's		
BG11-153A	195.00	196.00	C10388	1.00	<.03	dec py, wispy epidote, carb v's		
BG11-153A	196.00	197.00	C10389	1.00	<.03	min py, wispy epidote, carb v's		
BG11-153A	197.00	198.00	C10390	1.00	0.480	min py, wispy epidote, carb v's		
BG11-153A	198.00	199.00	C10391	1.00	0.549	min py, wispy epidote, carb v's		
BG11-153A	199.00	200.00	C10392	1.00	0.823	leucox, 1-2% py		
BG11-153A	200.00	201.00	C10393	1.00	<.03	dec py, wispy epidote, carb v's		
BG11-153A	201.00	202.00	C10394	1.00	0.549	min py, wispy epidote, carb v's		
BG11-153A	202.00	203.00	C10395	1.00	<.03	min py, wispy epidote, carb v's		
BG11-153A	203.00	203.70	C10396	0.70	0.891	min py, wispy epidote, carb v's		
BG11-153A	203.70	204.40	C10397	0.70	0.686	leucox, 3-5% py, inc carb in matrix, chloritic		
BG11-153A	204.40	205.20	C10398	0.80	0.960	dec py, wispy epidote, carb v's		
BG11-153A	205.20	206.00	C10399	0.80	0.686	leucox, 3-5% py, inc carb and silica in matrix, chloritic		
BG11-153A	206.00	207.00	C10401	1.00	<.03	dec py, wispy epidote, carb v's		
BG11-153A	207.00	208.00	C10402	1.00	<.03	min py, wispy epidote, carb v's		
BG11-153A	208.00	209.00	C10403	1.00	<.03	min py, wispy epidote, carb v's		
BG11-153A	209.00	210.00	C10404	1.00	<.03	low angle carb v's up to 2cm wide, 209.7-210m, 10-20 deg TCA		
BG11-153A	210.00	210.70	C10405	0.70	0.617	low angle carb v's, min py		

Hole_ID	From	To	Sample_#	Length	Au ppm	Description	Au ppm_ck	Au ppm-ck2
BG11-153A	**210.70**	**211.40**	**C10406**	**0.70**	**0.754**	seams of py 211-211.08m, 10-20% py, 211.08-21.25m, 5-10 % py, leucox		
BG11-153A	211.40	211.90	C10408	0.50	1.097	5-10% py along axis in carb matrix, leucox	1.097	1.097
BG11-153A	211.90	213.00	C10410	1.10	<.03	min py, wisp carb v's 30-40 deg TCA		
BG11-153A	213.00	214.50	C10412	1.50	<.03	aphanitic, carb v's, pinkish-white		
BG11-153A	214.50	216.00	C10413	1.50	<.03	slip-gouge at 215-215.3m, 0-10 deg TCA, **non mag from 215m**		
BG11-153A	216.00	217.50	C10414	1.50	<.03	low angle wormy, wispy carb v's, flood of carb, inc chl at 216m		
BG11-153A	217.50	219.00	C10415	1.50	<.03	wispy carb v's, <<<1% py		
BG11-153A	219.00	220.50	C10416	1.50	<.03	wispy carb v's <<<<1% py		
BG11-153A	220.50	222.00	C10417	1.50	<.03	wispy pink carb v's, all angles <<<<1% py		
BG11-153A	222.00	223.50	C10418	1.50	<.03	pink carb v, along axis 222.7-223.1m@ 0 deg TCA		
BG11-153A	223.50	225.00	C10419	1.50	<.03	inc carb in matrix, min py veins, 50-70 deg TCA		
BG11-153A	225.00	226.50	C10420	1.50	<.03	carb v's along foliation @ 35 deg TCA, min py at 226m, 1%		
BG11-153A	226.50	227.15	C10421	0.65	<.03	carb in matrix, min py veins, 50-70 deg TCA		
BG11-153A	227.15	228.00	C10422	0.85	2.263	1-3% py in v's, inc carb, leucox	2.263	2.263
BG11-153A	228.00	228.55	C10423	0.55	1.269	3-5% py in v's, inc carb, leucox	1.234	1.303
BG11-153A	**228.55**	**229.30**	**C10424**	**0.75**	**8.538**	**5-8% py, pink hue of carb matrix, parallel to foliation, 5-60 deg TCA**	**8.366**	**8.709**
BG11-153A	**229.30**	**230.00**	**C10426**	**0.70**	**7.474**	**1-3% py in v's, inc carb, leucox, moly in seam at 229.8m**	**9.257**	**5.691**
BG11-153A	**230.00**	**231.00**	**C10427**	**1.00**	**0.617**	**micro fract, py infilling, 1-2%, bleached from 230.4**		
BG11-153A	231.00	232.00	C10428	1.00	<.03	micro fract, py infilling, 1-2%, bleached from 230.4-232m, leucox		
BG11-153A	232.00	233.00	C10429	1.00	<.03	inc chl, micro fract, qtz-dol-ser v's 1-2%		
BG11-153A	233.00	233.60	C10430	0.60	2.777	leucox, 1-2% py	2.537	3.017
BG11-153A	233.60	234.30	C10431	0.70	1.886	1-5% py, pink hue of carb matrix	1.714	2.057
BG11-153A	234.30	235.00	C10432	0.70	0.411	1-3% py, pink hue of carb matrix		
BG11-153A	**235.00**	**236.20**	**C10433**	**1.20**	**0.960**	**min py, min leucox**		
BG11-153A	**236.20**	**237.20**	**C10434**	**1.00**	**0.549**	**bleached, leucox, 1-3% py**		
BG11-153A	237.20	238.00	C10435	0.80	<.03	min py, dissem		
BG11-153A	**238.00**	**239.00**	**C10437**	**1.00**	**0.960**	**wispy carb v's, min py**		
BG11-153A	239.00	240.00	C10438	1.00	<.03	wispy carb v's, min py		
BG11-153A	240.00	241.00	C10439	1.00	<.03	wispy carb v's, min py		
BG11-153A	241.00	242.00	C10440	1.00	<.03	qtz-dol-ser v's 1-2%, min py		
BG11-153A	242.00	243.00	C10441	1.00	<.03	min py, wispy carb v's		
BG11-153A	243.00	244.00	C10442	1.00	0.137	min py, leucox		
BG11-153A	244.00	245.30	C10443	1.30	<.03	min py		
BG11-153A	245.30	246.00	C10444	0.70	4.355	pink carb in matrix, 3-5% py seams along foliation@ 45 deg TCA	4.526	4.183
BG11-153A	246.00	247.00	C10445	1.00	<.03	min py, wispy carb v's		
BG11-153A	247.00	248.00	C10446	1.00	<.03	min py, wispy carb v's		
BG11-153A	248.00	249.00	C10447	1.00	<.03	mag ends at 248.45m, chl increases, min py,		
BG11-153A	249.00	250.00	C10448	1.00	<.03	min py in carb v's at 50 deg TCA		
BG11-153A	250.00	251.00	C10449	1.00	<.03	qtz-dol-ser-chl v's at all angles, <<<<py		
BG11-153A	251.00	252.00	C10450	1.00	<.03	micro frac with chl, 250.9-251m		
BG11-153A	252.00	253.00	C10451	1.00	<.03	inc frac, flooding of qtz-dol-ser v's, 252.4-253m, <<<py		
BG11-153A	253.00	254.00	C10452	1.00	<.03	qtz-dol-ser-chl v's at all angles, <<<<py		
BG11-153A	254.00	255.00	C10453	1.00	<.03	qtz-dol-ser-chl v's at all angles, <<<<py		
BG11-153A	255.00	256.00	C10454	1.00	<.03	dec v's ,<<<<py		
BG11-153A	256.00	257.00	C10455	1.00	<.03	inc chl, bordering v's		
BG11-153A	257.00	258.00	C10456	1.00	<.03	inc chl, bordering v's		
BG11-153A	258.00	259.00	C10457	1.00	<.03	micro frac, inc qtz-dol-ser v's		
BG11-153A	259.00	260.00	C10458	1.00	<.03	dec v's ,<<<<py		
BG11-153A	260.00	261.00	C10459	1.00	<.03	min frac, <<<py, **EOH 261m**		
BG11-154	12.60	13.50	C10057	0.90	<.03	epidote-chl v's, wispy carb v's, low angles, min py		
BG11-154	13.50	14.70	C10058	1.20	<.03	wispy carb v's, low angles, min py, leucox		
BG11-154	14.70	15.20	C10059	0.50	0.411	qtz-carb v's, min py 1-3%		

Hole_ID	From	To	Sample_#	Length	Au ppm	Description	Au ppm_ck	Au ppm-ck2
BG11-154	15.20	16.20	C10060	1.00	<.03	wispy carb v's, low angles, min py, leucox		
BG11-154	16.20	17.50	C10061	1.30	0.069	wispy carb v's, low angles, epidote v's; min py, leucox		
BG11-154	17.50	18.50	C10062	1.00	<.03	wispy carb v's, low angles, min py, leucox, min hem		
BG11-154	18.50	19.50	C10063	1.00	<.03	slip at 18.6m @ 35 deg TCA, slip at 19m @ 20 deg TCA, hem, carb, epidote		
BG11-154	19.50	20.50	C10064	1.00	<.03	wispy carb v's, low angles, min py, leucox, min hem		
BG11-154	20.50	21.50	C10065	1.00	<.03	wispy carb v's, low angles, min py, leucox, min hem		
BG11-154	21.50	23.00	C10066	1.50	<.03	wispy carb v's, low angles, min py, leucox, min hem		
BG11-154	23.00	24.50	C10067	1.50	<.03	inc carb in matrix, min py		
BG11-154	24.50	26.00	C10068	1.50	0.137	wispy carb v's, low angles, min py, leucox, min hem		
BG11-154	26.00	27.50	C10070	1.50	<.03	wispy carb v's, low angles, min py, leucox, min hem		
BG11-154	27.50	29.00	C10071	1.50	0.274	dec epidote v's, min py		
BG11-154	29.00	30.50	C10072	1.50	<.03	inc carb, leuco, min py		
BG11-154	30.50	32.00	C10074	1.50	0.274	inc carb, leuco, min py		
BG11-154	32.00	33.00	C10075	1.00	0.137	inc chl, epidote v's, hem, min py		
BG11-154	33.00	34.00	C10076	1.00	0.343	inc dissem py, 1-2%		
BG11-154	34.00	34.70	C10077	0.70	2.194	inc dissem py, and epidote, carb v's 30.24-30.6m, 10-20%py	2.194	2.194
BG11-154	34.70	35.70	C10079	1.00	0.137	dec py, wispy epidote, carb v's		
BG11-154	35.70	37.00	C10080	1.30	0.069	dec py, wispy epidote, carb v's		
BG11-154	37.00	38.50	C10081	1.50	<.03	dec py, wispy epidote, carb v's		
BG11-154	38.50	39.50	C10082	1.00	<.03	dec py, wispy epidote, carb v's		
BG11-154	39.50	42.00	C10083	2.50	<.03	hit stope before 42m; 6 foot void, drillers note; .5m sample, min py		
BG11-154	42.00	43.00	C10084	1.00	<.03	dec py, wispy epidote, carb v's		
BG11-154	43.00	44.00	C10085	1.00	<.03	dec epidote, min py		
BG11-154	44.00	45.00	C10086	1.00	<.03	dec epidote, min py		
BG11-154	45.00	46.00	C10087	1.00	0.069	qtz-dol-ser v, 45.38- 45.42m, 45 deg TCA, min py		
BG11-154	46.00	46.70	C10088	0.70	0.069	inc dissem py, 1-2%		
BG11-154	46.70	47.70	C10089	1.00	2.194	very altered section, py 2-5% dissem and in chloritic v's , hem	2.194	2.194
BG11-154	47.70	48.70	C10091	1.00	1.852	bleached, inc carb,sil, 2-5% py in chl v's and dissem	1.646	2.057
BG11-154	48.70	49.70	C10092	1.00	<.03	dec py, at 49.5m, wispy carb v's		
BG11-154	49.70	50.70	C10093	1.00	0.069	inc epidote v's, wispy carb v's, mi py		
BG11-154	50.70	51.70	C10095	1.00	<.03	dec py, wispy epidote, carb v's		
BG11-154	51.70	53.00	C10096	1.30	<.03	dec py, wispy epidote, carb v's		
BG11-154	53.00	54.50	C10097	1.50	<.03	dec py, wispy epidote, carb v's		
BG11-154	54.50	56.00	C10098	1.50	0.069	dec py, wispy epidote, carb v's		
BG11-154	56.00	57.50	C10099	1.50	<.03	prev		
BG11-154	57.50	59.00	C10100	1.50	<.03	prev, hem		
BG11-154	59.00	60.50	C10101	1.50	<.03	low angle carb v, length of section, min py, hem		
BG11-154	60.50	61.50	C10102	1.00	<.03	inc py, some bleaching, hem		
BG11-154	61.50	62.50	C10104	1.00	<.03	min frac, hem		
BG11-154	62.50	63.50	C10105	1.00	<.03	min py, hem, blocky		
BG11-154	63.50	64.50	C10106	1.00	<.03	min epidote v's , hem		
BG11-154	64.50	65.50	C10107	1.00	<.03	min epidote, carb v's; hem, min py		
BG11-154	65.50	67.00	C10108	1.50	<.03	min epidote, carb v's; hem, min py, min frac		
BG11-154	67.00	68.50	C10109	1.50	<.03	min epidote, carb v's; 40-70 deg TCA, perv hem, min py, min frac		
BG11-154	68.50	70.00	C10110	1.50	<.03	min epidote, carb v's; perv hem, min py in v's 5-10% py min frac		
BG11-154	70.00	71.50	C10111	1.50	<.03	min epidote, carb v's; perv hem, min py, min frac		
BG11-154	71.50	73.00	C10112	1.50	<.03	min epidote, carb v's; 70 -80 deg TCA; perv hem, min py, min frac		
BG11-154	73.00	74.00	C10113	1.00	<.03	bleached, 5-10% py within min carb v's, up to .5cm wide		
BG11-154	74.00	75.00	C10114	1.00	<.03	bleached, 5-10% py within min carb v's, up to .5cm wide		
BG11-154	75.00	76.50	C10115	1.50	<.03	min epidote, carb v's; perv hem, min py, min frac		
BG11-154	76.50	77.50	C10116	1.00	<.03	qtz-carb v 77.05-77.14m at 80-90 deg TCA, min py		
BG11-154	77.50	79.00	C10117	1.50	<.03	gouge at 78m, 25 deg TCA, hem clay		

Hole_ID	From	To	Sample_#	Length	Au ppm	Description	Au ppm_ck	Au ppm-ck2
BG11-154	79.00	80.50	C10119	1.50	<.03	inc epidote v's, broken core, slight bleaching		
BG11-154	80.50	81.50	C10120	1.00	<.03	blocky, broken, ground, hem,min py		
BG11-154	81.50	83.00	C10121	1.50	<.03	blocky, broken, ground, hem,min py		
BG11-154	83.00	84.00	C10122	1.00	<.03	frac, hem, epidote v's, low angle, min py		
BG11-154	84.00	84.65	C10123	0.65	2.846	qtz-dol-ser-chl-ank-hem v, 30 deg TCA, 84.1-84.47m, 10-80% py	2.811	2.880
BG11-154	84.65	85.70	C10124	1.05	0.137	qtz-ank-hem v at 84.94-84.98m 35 deg TCA, min py		
BG11-154	85.70	87.00	C10125	1.30	0.069	dec chl, min py		
BG11-154	87.00	88.50	C10126	1.50	0.343	blocky, broken, carb v's 0-10 deg TCA, min py		
BG11-154	88.50	90.00	C10127	1.50	0.137	blocky, broken, min py, hem		
BG11-154	90.00	91.50	C10128	1.50	0.069	blocky, broken, min py, hem		
BG11-154	91.50	92.50	C10129	1.00	1.783	min py bands,1-2% in carb-chl v's, 70-90 deg TCA	1.920	1.646
BG11-154	92.50	94.00	C10130	1.50	0.480	minor gouge 93.6m 40 deg TCA, min py, carb-chl v's		
BG11-154	94.00	95.50	C10131	1.50	0.274	dec epidote, chl v's		
BG11-154	95.50	97.00	C10132	1.50	<.03	wispy carb v's, perv hem, min py		
BG11-154	97.00	98.50	C10133	1.50	<.03	wispy carb v's, perv hem, min py		
BG11-154	98.50	99.30	C10134	0.80	<.03	clasts of feldspar, inc carb v's, min py		
BG11-154	**99.30**	**100.00**	**C10135**	**0.70**	**0.891**	**bleached, 99.4-99.8, qtz-ser-chl-carb v, 99.7-99.75m, 5-10% py @ 45 deg TCA**		
BG11-154	100.00	101.00	C10136	1.00	<.03	very broken, hem, min py,chl		
BG11-154	101.00	101.60	C10137	0.60	0.206	very broken, hem, min py,chl		
BG11-154	**101.60**	**102.30**	**C10138**	**0.70**	**0.617**	**inc py, 3-5%, fault down core axis at 102-102.2m @ 10 deg TCA**		
BG11-154	102.30	103.30	C10140	1.00	<.03	clasts of feldspar, min epdote v's , low angles, min py		
BG11-154	103.30	104.80	C10142	1.50	<.03	clasts of feldspar, min epdote v's , low angles, min py		
BG11-154	104.80	106.00	C10143	1.20	<.03	clasts of feldspar, min epdote v's , low angles, min py		
BG11-154	106.00	107.50	C10144	1.50	<.03	wispy carb v's, perv hem, min py		
BG11-154	107.50	109.00	C10145	1.50	<.03	inc carb-ser v, pink-white, at 108.3m, 70-80 deg TCA; min dissem py		
BG11-154	109.00	110.00	C10146	1.00	<.03	inc epidote v's, leuco, chl, gouge at 109.7m, broken 109.2-109.5m; no angle of fault		
BG11-154	110.00	111.50	C10147	1.50	<.03	inc epidote v's high angles, min py		
BG11-154	111.50	112.00	C10148	0.50	1.337	inc epidote v's, qtz-carb v at 111.8-111.82m, 5-10% py, 30 deg TCA	1.303	1.371
BG11-154	112.00	113.00	C10149	1.00	0.137	epidote v's, min py		
BG11-154	113.00	114.50	C10150	1.50	<.03	inc epidote v's high angles, min py		
BG11-154	114.50	116.00	C10152	1.50	<.03	epidote v's high angles, min py, min hem		
BG11-154	116.00	117.50	C10153	1.50	<.03	inc hem,broken, fractured, at 10 deg TCA, min py		
BG11-154	117.50	119.00	C10154	1.50	<.03	hem,broken, fractured, at 10 deg TCA, min py		
BG11-154	119.00	120.50	C10155	1.50	<.03	leuco, perv epidote, chl, hem		
BG11-154	120.50	122.00	C10156	1.50	<.03	hem, broken, fractured, at 10 deg TCA, min py, spec hem		
BG11-154	122.00	123.50	C10157	1.50	<.03	hem, broken, fractured,dec epidote, v minor py		
BG11-154	123.50	125.00	C10158	1.50	<.03	hem, broken, fractured,dec epidote, v minor py		
BG11-154	125.00	126.00	C10159	1.00	<.03	gouge at 125.6m, 25 deg TCA, leuco, wispy carb v's, min py		
BG11-154	126.00	127.00	C10160	1.00	0.137	slip at 126.85m 25-30 deg TCA, v broken, min py		
BG11-154	127.00	128.00	C10161	1.00	<.03	broken, hem		
BG11-154	128.00	129.00	C10162	1.00	0.137	broken, hem, min dissem py		
BG11-154	129.00	130.00	C10163	1.00	<.03	inc py in v's, 1-2%; blocky, broken,		
BG11-154	130.00	130.70	C10164	0.70	<.03	inc carb in matrix,inc py 1-3% in carb v's		
BG11-154	130.70	131.60	C10165	0.90	<.03	bleached, inc carb, 5-10% py in qtz-carb 131-131.3m, 10-20 deg TCA		
BG11-154	131.60	132.60	C10166	1.00	<.03	leuco at 132m, dec py, perv carb in matrix		
BG11-154	132.60	133.60	C10167	1.00	0.069	leuco, carb v's, min bleaching		
BG11-154	133.60	135.00	C10168	1.40	<.03	wispy carb v's, perv leuco, min py		
BG11-154	135.00	136.50	C10169	1.50	<.03	wispy carb v's, perv leuco, min py		
BG11-154	136.50	138.00	C10170	1.50	<.03	wispy carb v's, perv leuco, min py		
BG11-154	138.00	139.50	C10171	1.50	0.069	micro frac, infilled with carb, chl, min py		
BG11-154	139.50	141.00	C10172	1.50	<.03	wispy carb v's, perv leuco, min py, v's running through axis of core		
BG11-154	141.00	142.50	C10174	1.50	0.069	slip at 141.55m 30 deg TCA, pink carb v's, leuco		

Hole_ID	From	To	Sample_#	Length	Au ppm	Description	Au ppm_ck	Au ppm-ck2
BG11-154	142.50	144.00	C10175	1.50	<.03	gouge at 143.8m, 20 deg TCA, min py		
BG11-154	144.00	145.50	C10176	1.50	<.03	faults running down core axis throughout section, perv leuco, min py		
BG11-154	**145.50**	**146.50**	**C10177**	**1.00**	**0.960**	**inc chl, py 1-3% through v's at 30-35 deg TCA**		
BG11-154	146.50	147.50	C10178	1.00	0.411	inc alteration, bleached, pink-orange carb v's through axis, 1-2% py infilling chloritic v's		
BG11-154	147.50	148.50	C10179	1.00	0.137	cont dior-bimodal qfp, at 148.05m 35 deg TCA, carb in matrix		
BG11-154	148.50	150.00	C10180	1.50	<.03	carb, min py		
BG11-154	150.00	151.50	C10181	1.50	<.03	slip 150.97m, 25 deg TCA, min py		
BG11-154	151.50	153.00	C10182	1.50	<.03	bleached, carb perv in matrix		
BG11-154	153.00	154.00	C10183	1.00	1.577	fault-gouge 153.85m MAIN BREAK, 1-5% py, gouge through to 154.8m	1.440	1.714
BG11-154	**154.00**	**155.00**	**C10184**	**1.00**	**0.686**	**friable through to 156m, clay, mud seams**		
BG11-154	155.00	156.00	C10185	1.00	0.343	continuing gouge at 155.8 to 156m		
BG11-154	156.00	157.00	C10187	1.00	0.069	cotinuing friable core, running along fault, min py		
BG11-154	157.00	158.50	C10188	1.50	<.03	cotinuing friable core, running along fault, min py		
BG11-154	158.50	160.00	C10189	1.50	0.274	leuco, carb , v broken		
BG11-154	160.00	161.00	C10191	1.00	<.03	highly altered, perv carb matrix, min py		
BG11-154	161.00	162.00	C10192	1.00	<.03	contact, Bimodal QFP-Diorite 161.7m		
BG11-154	162.00	163.50	C10193	1.50	<.03	friable, intermittant mud in seams, min py		
BG11-154	163.50	165.00	C10194	1.50	<.03	friable, intermittant mud in seams, min py; EOH 165M		
BG-11-155	13.00	14.00	C10739	1.00	<.03	dior, altered, wispy epidote v's, min infilling of py,1%		
BG-11-155	14.00	15.00	C10741	1.00	<.03	wispy epidote v's, min infilling of py,1%		
BG-11-155	15.00	16.00	C10742	1.00	<.03	wispy epidote v's, min infilling of py, 1-2%		
BG-11-155	16.00	17.00	C10743	1.00	<.03	prev; bleached 16.7-16.8m		
BG-11-155	17.00	18.00	C10744	1.00	<.03	dec epidote v's		
BG-11-155	18.00	19.00	C10745	1.00	0.137	inc carb in matrix; dissem py and in v's, 1-2%		
BG-11-155	19.00	20.00	C10746	1.00	0.206	carb in matrix; dissem py and in v's, 1-2%		
BG-11-155	20.00	21.00	C10747	1.00	<.03	carb in matrix; pink-mauve carb 5%; dissem py and in v's, 1-2%		
BG-11-155	21.00	22.00	C10748	1.00	<.03	wispy carb v's, min infilling of py, 1-2%, min leucox		
BG-11-155	22.00	23.00	C10749	1.00	0.274	inc epidote and carb v's, 70-80 deg TCA; infilling py 1-2%		
BG-11-155	23.00	24.30	C10750	1.30	1.474	prev, 1-3% py	1.371	1.577
BG-11-155	24.30	24.80	C10751	0.50	2.263	bleached, inc carb, hem, 2-10% py	2.194	2.331
BG-11-155	**24.80**	**25.50**	**C10752**	**0.70**	**20.778**	**prev, 10-15% py**	**19.886**	**21.669**
BG-11-155	**25.50**	**26.00**	**C10753**	**0.50**	**0.960**	**dec hem, py 1-5%**		
BG-11-155	26.00	26.80	C10754	0.80	<.03	prev, 1-2% py infilling in epidote v's		
BG-11-155	**26.80**	**27.30**	**C10755**	**0.50**	**74.984**	**inc hem, 5-15% py**	**69.669**	**80.298**
BG-11-155	**27.30**	**28.00**	**C10756**	**0.70**	**0.686**	**gouge 27.5m, 40-45 deg TCA hem, chl, 1-2% py**		
BG-11-155	28.00	29.00	C10757	1.00	0.274	inc epidote and carb v's, infilling py 1-2%		
BG-11-155	**29.00**	**30.00**	**C10758**	**1.00**	**0.686**	**inc epidote and carb v's, infilling py 1-3%**		
BG-11-155	30.00	30.50	C10759	0.50	2.263	inc hem, 1-5% py	2.331	2.194
BG-11-155	30.50	31.50	C10760	1.00	0.137	dec py, perv epidote		
BG-11-155	31.50	32.60	C10761	1.10	0.137	inc epidote and carb v's, infilling py 1%		
BG-11-155	32.60	33.80	C10762	1.20	0.069	epidote and carb v's, infilling py 1-2%		
BG-11-155	33.80	35.00	C10763	1.20	0.480	hem, py, 1-3%		
BG-11-155	35.00	35.70	C10764	0.70	<.03	very altered, bleached, 1% py		
BG-11-155	35.70	36.50	C10766	0.80	0.343	dec epidote v's; dec py		
BG-11-155	36.50	38.00	C10767	1.50	0.343	dissem py, 1-2% infilling py in epi v's		
BG-11-155	38.00	38.70	C10768	0.70	0.480	1-3% cse py, micro frac		
BG-11-155	38.70	39.50	C10769	0.80	0.274	2 minor red, hem zones; 1-2cm seams with 75% py		
BG-11-155	39.50	40.50	C10771	1.00	0.206	inc epidote and carb v's, infilling py 1-2%, mud within sample, no evidence of gouge in section		
BG-11-155	40.50	41.50	C10772	1.00	0.480	leucox, bleaching, hem, carb, 1-2% py		
BG-11-155	**41.50**	**42.50**	**C10773**	**1.00**	**0.754**	**blocky, prev**		
BG-11-155	42.50	43.50	C10774	1.00	0.274	leucox, bleaching, hem, carb, 1-3% py		
BG-11-155	**43.50**	**44.50**	**C10775**	**1.00**	**0.549**	**blocky, prev, hem**		

Hole_ID	From	To	Sample_#	Length	Au ppm	Description	Au ppm_ck	Au ppm-ck2
BG-11-155	**44.50**	**45.50**	**C10776**	**1.00**	**0.549**	**magnetic at 44.9m, min infilling py in epidote v's**		
BG-11-155	45.50	46.50	C10777	1.00	0.274	min infilling py in epidote v's, carb in matrix, 1% py		
BG-11-155	**46.50**	**47.00**	**C10778**	**0.50**	**0.960**	**inc hem, 1-3% py dissem, blocky**		
BG-11-155	47.00	48.00	C10779	1.00	0.206	epidote and carb v's, min infilling py, hem		
BG-11-155	48.00	49.00	C10780	1.00	0.274	epidote-qtz-ser-carb flood, 48.3-48.5m, min py		
BG-11-155	**49.00**	**49.70**	**C10781**	**0.70**	**0.754**	**inc carb, epidote, micro frac, 1-2% py**		
BG-11-155	49.70	50.30	C10782	0.60	0.206	prev, carb v along axis, leucox		
BG-11-155	50.30	50.90	C10783	0.60	2.538	py zone, 50.4-50.6m, 20-30% py; carb v 50.87-50.9m, 40 deg TCA, 5-10% py, hem	2.606	2.469
BG-11-155	50.90	51.80	C10785	0.90	0.343	blocky, hem, min py seam, 51.76-51.77m, 10-15% py		
BG-11-155	51.80	52.80	C10786	1.00	0.206	min py seams, 2-4mm, 1-2% in section, epidote continues		
BG-11-155	52.80	53.80	C10787	1.00	<.03	epidote and carb v's, min infilling py, hem		
BG-11-155	53.80	54.80	C10788	1.00	0.069	qtz-ser-carb flood, micro fract, 54.3-53.45m		
BG-11-155	54.80	56.00	C10789	1.20	0.274	fault gouge, 55.96 60 deg TCA, epi, hem		
BG-11-155	56.00	57.00	C10791	1.00	0.343	inc carb, epidote, min py		
BG-11-155	57.00	58.00	C10792	1.00	0.069	gouge 57.7m, hem		
BG-11-155	58.00	59.00	C10793	1.00	<.03	epidote and carb v's, min infilling py, hem		
BG-11-155	59.00	60.00	C10794	1.00	<.03	min hem, py		
BG-11-155	60.00	61.00	C10795	1.00	0.137	inc epidote v's, hem, min py		
BG-11-155	61.00	62.00	C10796	1.00	0.411	epidote v's, hem, min py		
BG-11-155	62.00	63.00	C10797	1.00	0.069	epidote v's, hem, min py		
BG-11-155	63.00	64.50	C10798	1.50	<.03	blocky, prev		
BG-11-155	64.50	66.00	C10799	1.50	<.03	inc wispy carb v's, leucox, min py		
BG-11-155	66.00	66.50	C10800	0.50	<.03	qtz-carb v, grey white, 66.2-66.24m@ 45 deg TCA		
BG-11-155	66.50	67.50	C10801	1.00	<.03	inc wispy carb v's, leucox, min py		
BG-11-155	67.50	68.50	C10802	1.00	<.03	wispy carb v's, leucox, min py		
BG-11-155	68.50	69.50	C10803	1.00	0.069	prev, min py seams<1%		
BG-11-155	69.50	70.50	C10804	1.00	<.03	min qtz-ser-carb v's, min py		
BG-11-155	70.50	72.00	C10805	1.50	<.03	wispy carb v's, leucox, min py		
BG-11-155	72.00	73.00	C10806	1.00	<.03	series of slips, 72.3-72.55m 40 deg TCA; 1% py, inc alteration to 73m		
BG-11-155	73.00	73.60	C10807	0.60	<.03	fault-gouge, 73-73.05m, fractured and gouges to 74m, 40 deg TCA;**MAIN BREAK?**		
BG-11-155	73.60	74.40	C10808	0.80	<.03	orange phenos appear at 74m, gouge at 74m 40 deg TCA, very friable core		
BG-11-155	74.40	75.40	C10809	1.00	<.03	FP at 74m, gouge 75.2m 35 deg TCA		
BG-11-155	75.40	76.50	C10810	1.10	<.03	Bimodal QFP, pristine, min<<<<<py		
BG-11-155	76.50	78.00	C10811	1.50	<.03	Bimodal QFP, pristine, min<<<<<py		
BG-11-155	78.00	79.00	C10812	1.00	<.03	Bimodal QFP, pristine, min<<<<<py		
BG-11-155	79.00	80.00	C10813	1.00	0.206	cont Bimodal QFP-Diorite at 79.25m, leucox, min py seams. 1-2%, wispy carb magnetic from 79.3m		
BG-11-155	**80.00**	**81.50**	**C10814**	**1.50**	**0.617**	**epidote v's, hem, carb v's along axis**		
BG-11-155	81.50	83.00	C10816	1.50	<.03	epidote v's, hem, carb v's along axis		
BG-11-155	83.00	84.50	C10817	1.50	<.03	epidote v's, hem, carb v's along axis		
BG-11-155	84.50	86.00	C10818	1.50	<.03	prev		
BG-11-155	86.00	87.50	C10819	1.50	<.03	prev		
BG-11-155	87.50	89.00	C10820	1.50	0.206	prev		
BG-11-155	89.00	90.00	C10821	1.00	0.274	inc carb v's, min qtz-dol v's, bleached, leucox, py 1% infills		
BG-11-155	90.00	91.00	C10822	1.00	<.03	series of qtz-carb v's 90.44-90.64m 30 deg TCA		
BG-11-155	91.00	92.00	C10823	1.00	<.03	inc carb in matrix, wispy carb v's, min py		
BG-11-155	92.00	93.50	C10824	1.50	0.411	carb in matrix, wispy carb v's, min py		
BG-11-155	93.50	95.00	C10825	1.50	0.137	carb in matrix, wispy carb v's, min py, hem, inc epidote v's		
BG-11-155	95.00	96.00	C10826	1.00	0.069	blocky, epidote v's, hem, min py		
BG-11-155	96.00	97.00	C10827	1.00	0.137	blocky, qtz v at 96.5- 96.57m 40 deg TCA, hem		
BG-11-155	97.00	98.00	C10828	1.00	<.03	blocky, epi v's, min py		
BG-11-155	98.00	99.00	C10829	1.00	<.03	blocky, epi v's, min py		
BG-11-155	99.00	100.00	C10830	1.00	0.206	dec epi v's, min py		

Hole_ID	From	To	Sample_#	Length	Au ppm	Description	Au ppm_ck	Au ppm-ck2
BG-11-155	**100.00**	**101.00**	**C10831**	**1.00**	**0.754**	**dec epi v's, min py**		
BG-11-155	101.00	102.00	C10832	1.00	1.337	1-3% py seams, leucox, grey qtz 101.2- 101.2m	1.371	1.303
BG-11-155	102.00	103.00	C10834	1.00	<.03	dec epi, dec py		
BG-11-155	103.00	104.50	C10835	1.50	<.03	dec epi, dec py		
BG-11-155	104.50	106.00	C10836	1.50	<.03	minor infilling of py in epidote v's, 1%		
BG-11-155	106.00	107.00	C10837	1.00	<.03	minor infilling of py in epidote v's, 1%; qtz v, 1-2% py, at 106.7m, 50 deg TCA		
BG-11-155	107.00	108.50	C10838	1.50	<.03	minor infilling of py in epidote v's, 1%		
BG-11-155	108.50	110.00	C10839	1.50	<.03	prev, min low angle pink carb v's		
BG-11-155	110.00	111.50	C10841	1.50	<.03	prev, min low angle pink carb v's		
BG-11-155	111.50	113.00	C10842	1.50	<.03	minor infilling of py in epidote v's, 1%		
BG-11-155	113.00	114.00	C10843	1.00	<.03	inc infilling py, 1-2%		
BG-11-155	114.00	115.00	C10844	1.00	0.206	infilling py, 1-2%		
BG-11-155	115.00	116.50	C10845	1.50	<.03	aphanitic texture, prev		
BG-11-155	116.50	118.00	C10846	1.50	<.03	minor infilling of py in epidote v's, 1%		
BG-11-155	118.00	119.50	C10847	1.50	<.03	prev		
BG-11-155	119.50	121.00	C10848	1.50	<.03	inc py, leucox, qtz-dol min splashes		
BG-11-155	121.00	122.00	C10849	1.00	<.03	prev, hem in fractures		
BG-11-155	122.00	123.00	C10850	1.00	<.03	minor infilling of py in epidote v's, 1%		
BG-11-155	123.00	124.00	C10851	1.00	<.03	wispy carb v's, 45-60 deg TCA, wormy, and discontinuous		
BG-11-155	124.00	125.50	C10852	1.50	<.03	prev, and leucox		
BG-11-155	125.50	127.00	C10853	1.50	<.03	prev, and leucox		
BG-11-155	127.00	128.50	C10854	1.50	<.03	prev		
BG-11-155	128.50	130.00	C10855	1.50	<.03	minor infilling of py in epidote v's, 1%		
BG-11-155	130.00	131.50	C10856	1.50	<.03	prev		
BG-11-155	131.50	133.00	C10857	1.50	<.03	minor infilling of py in epidote v's, 1%		
BG-11-155	133.00	134.00	C10858	1.00	0.069	inc py, 1-2%		
BG-11-155	134.00	135.00	C10859	1.00	0.343	py, 1-2%		
BG-11-155	135.00	136.00	C10860	1.00	<.03	minor infilling of py in epidote v's, 1%		
BG-11-155	136.00	137.00	C10861	1.00	0.069	py, 1-2%		
BG-11-155	137.00	138.00	C10862	1.00	<.03	py, 1-2%		
BG-11-155	138.00	139.00	C10863	1.00	0.274	inc epidote v's, infilling of py inc, carb v's 0-40 deg TCA, pinches and swells of py 1%		
BG-11-155	139.00	140.00	C10864	1.00	0.069	prev, hem in carb v's, 1% py		
BG-11-155	140.00	141.00	C10866	1.00	0.274	prev, hem in carb v's, 1-2% py		
BG-11-155	141.00	142.00	C10867	1.00	0.137	prev, hem in carb v's, 1-2% py		
BG-11-155	142.00	143.00	C10868	1.00	0.206	carb v at 142.8-143m, 10 deg TCA, hem, 1% py		
BG-11-155	143.00	143.70	C10869	0.70	<.03	dec epidote v's, aphanitic		
BG-11-155	143.70	144.50	C10870	0.80	<.03	epidote veining gone, min py		
BG-11-155	144.50	145.00	C10871	0.50	2.092	leucox, carb inc in matrix, 1-3% py	2.194	1.989
BG-11-155	145.00	145.60	C10872	0.60	1.029	wispy carb v's, 25-30 deg TCA leucox, 1-3% py	1.234	0.823
BG-11-155	145.60	146.30	C10873	0.70	2.469	wispy carb v's leucox, 1-3% py	2.674	2.263
BG-11-155	146.30	147.00	C10874	0.70	1.612	leucox, 10-15% py in min sections, inc carb in matrix	1.783	1.440
BG-11-155	147.00	147.75	C10876	0.75	1.886	continued pyritic zone, 147.37-147.67m, 20% py, inc carb, leucox	1.920	1.851
BG-11-155	147.75	148.30	C10878	0.55	3.086	10-15% py through section, leucox	3.086	3.086
BG-11-155	148.30	149.00	C10879	0.70	0.960	dec py content, leucox		
BG-11-155	149.00	150.00	C10880	1.00	1.200	wispy carb v's, min infilling of py in carb v's	1.303	1.097
BG-11-155	150.00	150.60	C10881	0.60	1.200	low angle carb v's, 2-5% py , leucox	1.234	1.166
BG-11-155	150.60	151.30	C10882	0.70	1.235	min py, 1%	1.029	1.440
BG-11-155	**151.30**	**152.00**	**C10883**	**0.70**	**0.960**	**wispy carb v's, min infilling of py in carb v's, 1-2%**		
BG-11-155	152.00	153.00	C10884	1.00	0.274	epidote veining starts 152.1m, 1% py infilling		
BG-11-155	153.00	154.30	C10885	1.30	1.235	carb, epidote v's, 1% py	1.303	1.166
BG-11-155	**154.30**	**155.00**	**C10886**	**0.70**	**30.069**	**inc py, dissem and in v's, 5-15%, leucox**	**29.692**	**30.446**
BG-11-155	155.00	156.00	C10888	1.00	1.783	carb, epidote v's, 1% py	1.783	1.783

Hole_ID	From	To	Sample_#	Length	Au ppm	Description	Au ppm_ck	Au ppm-ck2
BG-11-155	**156.00**	**157.00**	**C10889**	**1.00**	**0.891**	**carb, epidote v's, 1% py**		
BG-11-155	157.00	158.00	C10891	1.00	0.343	inc leucox,hem, 1% py		
BG-11-155	158.00	159.00	C10892	1.00	1.646	dec epidote, carb v's, min py	1.989	1.303
BG-11-155	159.00	160.00	C10893	1.00	<.03	carb, epidote v's, 1% py		
BG-11-155	160.00	161.00	C10894	1.00	<.03	carb, epidote v's, 1% py		
BG-11-155	161.00	162.00	C10895	1.00	<.03	blocky, hem, min py		
BG-11-155	162.00	163.00	C10896	1.00	<.03	blocky, hem, min py		
BG-11-155	163.00	164.00	C10897	1.00	<.03	blocky, hem, min py		
BG-11-155	164.00	165.00	C10898	1.00	<.03	aphanitic, min v's, min py		
BG-11-155	165.00	166.00	C10899	1.00	<.03	inc wispy carb v's, min py		
BG-11-155	166.00	167.00	C10900	1.00	<.03	inc wispy carb v's, min py		
BG-11-155	167.00	168.00	C10901	1.00	<.03	wispy carb v's, 20-50 deg TCA, min py		
BG-11-155	168.00	169.00	C10902	1.00	0.206	inc wispy carb v's, min py		
BG-11-155	**169.00**	**169.70**	**C10903**	**0.70**	**0.686**	bleached, leucox,inc carb v's, 1-2% py		
BG-11-155	169.70	170.45	C10904	0.75	1.234	leucox, qtz-dol v's high angles, 2-5% py	1.371	1.097
BG-11-155	170.45	171.10	C10905	0.65	1.234	prev, 1-2% py	1.234	1.234
BG-11-155	171.10	172.00	C10906	0.90	0.823	pink-mauve carb v's, 1-2% py in v's		
BG-11-155	172.00	173.00	C10907	1.00	0.274	wispy carb v's, min py		
BG-11-155	173.00	174.00	C10908	1.00	0.069	aphanitic texture, prev		
BG-11-155	174.00	175.00	C10909	1.00	<.03	aphanitic texture, prev		
BG-11-155	175.00	176.00	C10910	1.00	0.137	carb flood, 175-175.14m, min py		
BG-11-155	176.00	177.00	C10911	1.00	0.069	leucox, prev		
BG-11-155	177.00	177.60	C10912	0.60	<.03	leucox, min py		
BG-11-155	177.60	178.40	C10913	0.80	0.069	1-5% py in qtz-dol-carb v's		
BG-11-155	178.40	179.30	C10914	0.90	<.03	dec v's, min py		
BG-11-155	179.30	180.40	C10916	1.10	<.03	wispy carb v's, min py		
BG-11-155	180.40	181.00	C10917	0.60	<.03	prev		
BG-11-155	181.00	182.00	C10918	1.00	<.03	spec hem, blocky, min py		
BG-11-155	182.00	183.00	C10919	1.00	0.069	prev		
BG-11-155	183.00	184.00	C10920	1.00	<.03	spec hem, blocky, min py		
BG-11-155	184.00	185.00	C10921	1.00	0.274	prev		
BG-11-155	185.00	186.00	C10922	1.00	0.206	leucox, min py		
BG-11-155	186.00	187.00	C10923	1.00	0.274	prev		
BG-11-155	187.00	188.00	C10924	1.00	0.206	aphanitic, prev		
BG-11-155	188.00	189.00	C10925	1.00	0.137	aphanitic, prev		
BG-11-155	189.00	190.00	C10926	1.00	<.03	epidote v's appear, chl , min py		
BG-11-155	190.00	191.00	C10927	1.00	<.03	epidote v's, min py ,chl		
BG-11-155	191.00	192.00	C10928	1.00	<.03	epidote v's, min py		
BG-11-155	192.00	193.00	C10929	1.00	<.03	bleached, 192.5-192.6mm, qtz-dol v's, 80-90 deg TCA		
BG-11-155	193.00	194.00	C10930	1.00	<.03	epidote v's, min py		
BG-11-155	194.00	195.00	C10931	1.00	<.03	prev		
BG-11-155	195.00	196.00	C10932	1.00	0.069	prev		
BG-11-155	**196.00**	**197.00**	**C10933**	**1.00**	**0.549**	**1-2% py, epi continues**		
BG-11-155	**197.00**	**198.00**	**C10934**	**1.00**	**0.823**	**epidote v's, min py, chl**		
BG-11-155	198.00	199.00	C10935	1.00	0.137	epidote v's, min py, chl		
BG-11-155	199.00	200.00	C10936	1.00	0.343	epidote v's, min py, chl		
BG-11-155	200.00	201.00	C10937	1.00	0.069	epidote v's, min py, chl		
BG-11-155	201.00	202.50	C10938	1.50	0.343	prev		
BG-11-155	202.50	204.00	C10939	1.50	<.03	prev		
BG-11-155	204.00	205.00	C10941	1.00	0.411	epidote v's, min py infilling		
BG-11-155	205.00	206.50	C10943	1.50	0.137	hem, epidote v's, min py		
BG-11-155	206.50	208.00	C10944	1.50	<.03	low angle carb v's, min py, epidote		

Hole_ID	From	To	Sample_#	Length	Au ppm	Description	Au ppm_ck	Au ppm-ck2
BG-11-155	208.00	209.00	C10945	1.00	<.03	1% py infilling, prev		
BG-11-155	209.00	209.70	C10946	0.70	0.206	1% py infilling, prev		
BG-11-155	209.70	210.40	C10947	0.70	0.137	qtz-carb flooding, 210-210.3m, leucox, min py		
BG-11-155	210.40	211.40	C10948	1.00	<.03	wispy carb v's, min py		
BG-11-155	**211.40**	**212.00**	**C10949**	**0.60**	**0.960**	**inc carb in matrix, 1-3% py infill**		
BG-11-155	212.00	213.00	C10950	1.00	0.274	blocky, min py, hem		
BG-11-155	213.00	214.50	C10951	1.50	<.03	blocky, min py, hem		
BG-11-155	**214.50**	**215.50**	**C10952**	**1.00**	**0.891**	**blocky, 2-5% py, hem**		
BG-11-155	215.50	216.50	C10953	1.00	1.166	blocky, wispy carb v's, min py	1.166	1.166
BG-11-155	216.50	218.00	C10954	1.50	<.03	1-3cm carb v's along axis, min py, hem		
BG-11-155	218.00	219.50	C10955	1.50	<.03	prev		
BG-11-155	219.50	221.00	C10956	1.50	<.03	dec veining		
BG-11-155	221.00	222.50	C10957	1.50	<.03	aphanitic texture, prev		
BG-11-155	222.50	224.00	C10958	1.50	<.03	aphanitic texture, prev		
BG-11-155	224.00	225.00	C10959	1.00	<.03	aphanitic texture, prev		
BG-11-155	225.00	226.00	C10960	1.00	<.03	aphanitic texture, prev		
BG-11-155	226.00	227.00	C10961	1.00	<.03	prev, leuco, min py		
BG-11-155	227.00	228.00	C10962	1.00	<.03	prev, leuco, min py		
BG-11-155	228.00	229.00	C10963	1.00	<.03	prev, leuco, min py		
BG-11-155	229.00	230.00	C10964	1.00	<.03	prev, leuco, min py		
BG-11-155	230.00	230.50	C10965	0.50	<.03	wispy, carb v's, minor leucox,py		
BG-11-155	230.50	231.25	C10967	0.75	11.623	inc carb, leucox, 3-15% py dissem and seams	11.383	11.863
BG-11-155	231.50	232.00	C10969	0.50	0.480	dec leucox, py; aphanitic texture, wispy carb v's		
BG-11-155	232.00	233.00	C10970	1.00	<.03	min low angle carb v's, min py		
BG-11-155	233.00	234.00	C10971	1.00	<.03	min low angle carb v's, min py		
BG-11-155	234.00	235.00	C10972	1.00	<.03	1-5% py in seams at 60-70 deg TCA; leucox, inc epidote		
BG-11-155	**235.00**	**236.00**	**C10973**	**1.00**	**0.686**	**blocky, dec py**		
BG-11-155	236.00	237.00	C10974	1.00	0.206	min carb, epidote v's, min hem,<<<<py		
BG-11-155	237.00	237.60	C10975	0.60	1.440	inc epidote,leucox, bleached, 3-10% py	1.371	1.509
BG-11-155	237.60	238.60	C10976	1.00	0.274	epidote, 1-2% py, dissem, and v's		
BG-11-155	238.60	239.60	C10977	1.00	<.03	wispy, carb v's, minor py		
BG-11-155	239.60	240.50	C10978	0.90	<.03	wispy, carb v's, minor py		
BG-11-155	240.50	241.50	C10979	1.00	0.480	3-10% py in seams, and dissem,leucox		
BG-11-155	241.50	242.50	C10980	1.00	0.069	aphanitic, min hem, py		
BG-11-155	242.50	244.00	C10981	1.50	<.03	aphanitic, min hem, py		
BG-11-155	244.00	245.50	C10982	1.50	<.03	min low angle carb v's, min py		
BG-11-155	245.50	247.00	C10983	1.50	<.03	min leucox, py		
BG-11-155	247.00	248.50	C10984	1.50	<.03	min low angle carb v's, min py		
BG-11-155	248.50	250.00	C10985	1.50	<.03	wispy, carb v's, minor py		
BG-11-155	250.00	251.00	C10986	1.00	<.03	wispy, carb v's, minor py; **EOH 251m**		
BG-11-156	11.20	12.70	C10622	1.50	<.03	epidote veins, , hem, low angle carb v's, min py		
BG-11-156	12.70	13.30	C10623	0.60	<.03	1-5% py in carb 2-3mm v @ 55 deg TCA		
BG-11-156	13.30	14.00	C10624	0.70	<.03	blocky, hem, min py		
BG-11-156	14.00	15.00	C10625	1.00	<.03	carb v 5-10% py at 14.5m, leucox at 14.5m starts, hem		
BG-11-156	15.00	16.50	C10627	1.50	<.03	inc carb in matrix, min v's 80 deg TCA		
BG-11-156	16.50	18.00	C10628	1.50	<.03	carb in matrix, min v's 80 deg TCA		
BG-11-156	18.00	19.50	C10629	1.50	<.03	.5cm carb v, at 18.7m 45 deg TCA, 5-10% py		
BG-11-156	19.50	20.00	C10630	0.50	0.274	carb v 19.67-19.8m @ 45 deg TCA, 10% py, hem		
BG-11-156	20.00	21.00	C10631	1.00	<.03	min py		
BG-11-156	21.00	22.50	C10632	1.50	<.03	leuco continues sporadically, min py in epidote swells, 1-2%,hem		
BG-11-156	22.50	24.00	C10633	1.50	<.03	leuco continues sporadically, min py in epidote swells, 1-2%,hem		
BG-11-156	24.00	25.50	C10634	1.50	<.03	prev, inc carb v's, 60-70 deg TCA		

Hole_ID	From	To	Sample_#	Length	Au ppm	Description	Au ppm_ck	Au ppm-ck2
BG-11-156	25.50	27.00	C10635	1.50	<.03	prev		
BG-11-156	27.00	27.90	C10636	0.90	<.03	inc epidotev's,inc carb v's, min py		
BG-11-156	27.90	28.80	C10637	0.90	4.834	**27.95-28.05m 5-10% py in carb-epidote v; 28.5-28.67m, qtz-carb v, 10% py, hem**	4.594	5.074
BG-11-156	28.80	30.00	C10639	1.20	<.03	inc epidote v's, carb v's, min py		
BG-11-156	30.00	31.50	C10641	1.50	0.411	inc epidote v's, carb v's, min py		
BG-11-156	31.50	33.00	C10642	1.50	0.069	inc epidote v's, carb v's, min py		
BG-11-156	33.00	34.50	C10643	1.50	<.03	prev		
BG-11-156	34.50	36.00	C10644	1.50	0.274	prev		
BG-11-156	36.00	37.50	C10645	1.50	0.069	prev		
BG-11-156	37.50	38.10	C10646	0.60	<.03	blaeached 38-38.1m, 1% py in carb v's		
BG-11-156	**38.10**	**38.60**	**C10647**	**0.50**	**0.960**	**stope at 38.6m, bleached sample, min py, hem; driller note," 8 foot drift"**		
BG-11-156	41.00	42.00	C10648	1.00	0.137	min py, min bleaching, min epidote v's		
BG-11-156	42.00	43.00	C10649	1.00	0.137	min py, min epidote v's		
BG-11-156	43.00	44.50	C10650	1.50	0.069	min py, min bleaching, min epidote v's		
BG-11-156	44.50	46.00	C10651	1.50	0.137	prev		
BG-11-156	46.00	47.50	C10652	1.50	0.206	min py, min bleaching, min epidote v's		
BG-11-156	47.50	49.00	C10653	1.50	<.03	continue low angle carb v's, epidote, min py		
BG-11-156	49.00	51.50	C10654	2.50	<.03	low angle carb v's, epidote, min py		
BG-11-156	51.50	52.00	C10655	0.50	0.206	pink carb v, 51.75-51.83m@ 55 deg TCA; 3-5% py		
BG-11-156	52.00	53.00	C10656	1.00	<.03	carb v's along axis, py seam at 52.87m, 4mm@ 85 deg TCA, min hem		
BG-11-156	53.00	54.50	C10657	1.50	<.03	min py, min epidote v's		
BG-11-156	54.50	56.00	C10658	1.50	<.03	min py, min epidote v's, hem		
BG-11-156	56.00	57.50	C10659	1.50	<.03	min py, min epidote v's, hem		
BG-11-156	57.50	59.00	C10660	1.50	<.03	magnetic from 58.9-59.13m, bleached, prev		
BG-11-156	59.00	60.50	C10661	1.50	<.03	min py, min epidote v's, hem		
BG-11-156	60.50	62.00	C10662	1.50	<.03	prev		
BG-11-156	62.00	63.50	C10663	1.50	<.03	bleached, 63-63.5m		
BG-11-156	63.50	64.50	C10664	1.00	<.03	min py, min epidote v's, hem		
BG-11-156	64.50	65.50	C10666	1.00	<.03	inc hem, prev		
BG-11-156	65.50	66.40	C10667	0.90	<.03	frac, bleached, gouge at 66.2@ 25 deg TCA		
BG-11-156	66.40	67.10	C10668	0.70	<.03	broken, hem, min py		
BG-11-156	67.10	68.50	C10669	1.40	<.03	inc chl, bleached		
BG-11-156	68.50	70.00	C10670	1.50	<.03	min py, min epidote v's, hem		
BG-11-156	70.00	71.00	C10671	1.00	<.03	prev		
BG-11-156	71.00	72.00	C10672	1.00	<.03	prev		
BG-11-156	72.00	73.50	C10673	1.50	<.03	prev		
BG-11-156	73.50	75.00	C10674	1.50	<.03	prev		
BG-11-156	75.00	76.00	C10675	1.00	0.137	inc in epidote v's, 1% py in carb-epi v's		
BG-11-156	76.00	77.00	C10676	1.00	1.200	min py bands,@ 70 deg TCA, 1mm-1cm	1.097	1.303
BG-11-156	77.00	78.00	C10677	1.00	0.411	min py, min epidote v's, hem		
BG-11-156	78.00	78.50	C10678	0.50	1.475	**bleached, py band 78.25-78.27m, 3-5% cse py**	1.440	1.509
BG-11-156	78.50	79.10	C10679	0.60	4.423	**bleached, massive py 80-90% 78.7-79.0m; gouge 79.03 @ 30 deg TCA**	4.389	4.457
BG-11-156	79.10	79.80	C10681	0.70	0.069	bleached, pink carb v at 79.4-79.5m, leucox; gouge 79.73m @ 20 deg TCA; 1-5% py		
BG-11-156	79.80	80.30	C10682	0.50	<.03	**Main Break, 79.9-80.0m; broken, cse py 1-3%**		
BG-11-156	80.30	81.20	C10684	0.90	<.03	gouge 81.14-81.16m, leucox, hem		
BG-11-156	81.20	82.50	C10685	1.30	0.137	gouge 82.3- 82.4m, leucox, hem		
BG-11-156	82.50	84.00	C10686	1.50	<.03	wispy carb v's, min py		
BG-11-156	84.00	85.50	C10687	1.50	<.03	wispy carb v's, min py		
BG-11-156	85.50	87.00	C10688	1.50	<.03	broken, prev		
BG-11-156	87.00	88.50	C10689	1.50	<.03	broken, prev		
BG-11-156	88.50	90.00	C10691	1.50	<.03	very broken, .5m lost, spec hem		
BG-11-156	90.00	91.50	C10692	1.50	<.03	very broken, spec hem, min py		

Hole_ID	From	To	Sample_#	Length	Au ppm	Description	Au ppm_ck	Au ppm-ck2
BG-11-156	91.50	93.00	C10693	1.50	<.03	pink-orange, k-spar within matrix, spec hem, low angle carb v's		
BG-11-156	93.00	94.50	C10694	1.50	<.03	pink-orange, k-spar within matrix, spec hem, low angle carb v's		
BG-11-156	94.50	96.00	C10695	1.50	<.03	prev		
BG-11-156	**96.00**	**96.70**	**C10696**	**0.70**	**0.617**	**bleached, few py seams in carb v's, 1-2%, leucox**		
BG-11-156	96.70	97.60	C10697	0.90	<.03	bleached, few py seams in carb v's, 1-2%, leucox		
BG-11-156	97.60	98.50	C10698	0.90	0.274	bleached, hem, k-spar, pink carb v's, spec hem, dissem py 1-3%		
BG-11-156	98.50	100.00	C10699	1.50	<.03	hem, k-spar, pink carb v's, spec hem, min py		
BG-11-156	100.00	101.00	C10700	1.00	<.03	hem, k-spar, pink carb v's, spec hem, min py		
BG-11-156	101.00	102.00	C10701	1.00	<.03	aphanitic, carb v's, low angle, min cse py in carb v's, inc chl		
BG-11-156	102.00	103.50	C10702	1.50	<.03	carb v's, low angle, min py, dissem		
BG-11-156	103.50	105.00	C10703	1.50	<.03	carb v's, low angle, min py, dissem		
BG-11-156	105.00	106.00	C10704	1.00	0.274	broken, min py		
BG-11-156	106.00	106.60	C10705	0.60	2.023	**inc py in carb v's, gouge 106.5m @ 35 deg TCA, 20% py in 4mm of gouge**	1.920	2.126
BG-11-156	106.60	107.30	C10707	0.70	<.03	aphanitic, carb v's, low angle		
BG-11-156	107.30	108.80	C10708	1.50	<.03	aphanitic, carb v's, low angle		
BG-11-156	108.80	110.00	C10709	1.20	<.03	aphanitic, carb v's, low angle		
BG-11-156	110.00	111.50	C10710	1.50	<.03	carb v along axis, 110.7-111m, min py		
BG-11-156	111.50	113.00	C10711	1.50	<.03	pristine, min py		
BG-11-156	113.00	114.50	C10712	1.50	<.03	slip 113.87-113.9m 30 deg TCA; min py		
BG-11-156	114.50	116.00	C10713	1.50	0.069	min wispy carb v's, <<< py		
BG-11-156	116.00	117.30	C10714	1.30	0.274	gouge 116.3m@ 20 deg TCA, 1-2% dissem py		
BG-11-156	117.30	118.20	C10716	0.90	0.069	contact dior-bimodal QFP 117.9m 25 deg TCA		
BG-11-156	118.20	119.00	C10717	0.80	<.03	broken, min py		
BG-11-156	119.00	120.00	C10718	1.00	<.03	min carb v's, <<< py		
BG-11-156	120.00	121.50	C10719	1.50	<.03	min qtz-ser v's, pristine		
BG-11-156	121.50	123.00	C10720	1.50	0.069	leuco at 123m		
BG-11-156	123.00	124.00	C10721	1.00	0.137	inc carb in matrix, very altered		
BG-11-156	124.00	124.50	C10722	0.50	0.137	qfp-dior contact at gouge inc carb in matrix		
BG-11-156	124.50	125.40	C10723	0.90	0.480	MAIN BREAK?, 124.9-125M gouge at 20 deg TCA, clay-mud-chl		
BG-11-156	125.40	126.60	C10724	1.20	<.03	dior, altered, leucox, min py		
BG-11-156	126.60	127.60	C10725	1.00	<.03	contact 127.3m 50 deg TCA		
BG-11-156	127.60	129.10	C10726	1.50	<.03	gouge 128m 25 deg TCA, min py		
BG-11-156	129.10	130.60	C10727	1.50	<.03	min py		
BG-11-156	130.60	132.00	C10728	1.40	<.03	gouge 131.95m, 40 deg TCA		
BG-11-156	**132.00**	**132.50**	**C10729**	**0.50**	**0.823**	**contact qfp-dior 132.3 30m deg TCA**		
BG-11-156	132.50	133.50	C10730	1.00	0.274	**moly** in fract 132.55m, gouge 133.3m 25 deg TCA, gouge 133.6m 20 deg TCA		
BG-11-156	133.50	135.00	C10731	1.50	0.480	inc pink carb, leucox, min py		
BG-11-156	135.00	136.50	C10732	1.50	0.480	wispy carb v's, leucox, min infill py in carb v's		
BG-11-156	136.50	138.00	C10733	1.50	0.411	wispy carb v's, leucox, min infill py in carb v's		
BG-11-156	138.00	139.50	C10734	1.50	0.206	broken, 139-139.5m		
BG-11-156	139.50	141.00	C10735	1.50	0.274	broken, carb v's, spec hem, min py		
BG-11-156	**141.00**	**142.50**	**C10736**	**1.50**	**0.549**	**broken, carb v's, spec hem, min py**		
BG-11-156	142.50	144.00	C10737	1.50	0.411	broken, carb v's, spec hem, min py		
BG-11-156	144.00	146.00	C10738	2.00	3.189	prev; hit stope at 146; drillers note (9 ft. drift at 146) EOH=147m	3.429	2.949
BG-11-157	12.60	14.00	C10460	1.40	<.03	Diorite-bx; epidote v's, high angle, 1-2mm, inc carb in matrix from 14.0m; leucox		
BG11-157	14.00	15.00	C10462	1.00	<.03	min carb v's, min hem,<<<<py		
BG-11-157	15.00	16.00	C10463	1.00	0.137	low to high angle carb v's, 1-2% py within carb 15-15.05m		
BG-11-157	16.00	17.50	C10464	1.50	0.137	carb v's 45-60 deg TCA, 1.5cm qtz-dol-ser v@ 17.5m, 50 deg TCA		
BG-11-157	17.50	19.00	C10465	1.50	<.03	feldspar clasts through section from start, .05cm in diameter, epidote v's minor, py min		
BG-11-157	19.00	20.50	C10466	1.50	<.03	prev		
BG-11-157	20.50	22.00	C10467	1.50	<.03	prev, leucox, min py in epidote v's, 1%		
BG-11-157	**22.00**	**22.50**	**C10468**	**0.50**	**0.960**	**22.24-22.3, 5-10% py, in qtz-carb v, 35 deg TCA**		

Hole_ID	From	To	Sample_#	Length	Au ppm	Description	Au ppm_ck	Au ppm-ck2
BG-11-157	22.50	23.20	C10469	0.70	<.03	prev, leucox, min py in epidote v's, 1%		
BG-11-157	23.20	24.50	C10470	1.30	<.03	min carb, epidote v's, min hem,<<<<py		
BG-11-157	24.50	26.00	C10471	1.50	<.03	min carb, epidote v's, min hem,<<<<py		
BG-11-157	26.00	27.50	C10472	1.50	0.206	inc carb in matrix, leucox, hem		
BG-11-157	27.50	29.00	C10473	1.50	<.03	low angle carb v, 0-10 deg TCA, for .5m		
BG-11-157	29.00	30.00	C10474	1.00	<.03	inc epidote v's, py infilling v's, 1-2%		
BG-11-157	30.00	31.00	C10475	1.00	0.274	pink carb v's,min epidote, min py		
BG-11-157	**31.00**	**32.00**	**C10476**	**1.00**	**0.549**	**inc epi v's @ 31.9m**		
BG-11-157	32.00	33.00	C10477	1.00	0.206	py infilling v's, 1-2%		
BG-11-157	33.00	34.00	C10478	1.00	<.03	qtz-carb v, 33.3-33.4m, 15 deg TCA, 2-3% py		
BG-11-157	34.00	35.00	C10479	1.00	<.03	min py, wispy epidote v's, 10-90 deg TCA, 1-2% py, hem		
BG-11-157	35.00	36.00	C10480	1.00	1.509	inc hem, 1-2% py in epi v's	1.577	1.440
BG11-157	36.00	37.00	C10482	1.00	0.343	carb v's, low angle, min py, dissem		
BG-11-157	37.00	38.00	C10483	1.00	<.03	carb v's, low angle, min py, dissem		
BG-11-157	38.00	39.00	C10484	1.00	<.03	carb v's, low angle, min py, dissem		
BG-11-157	39.00	40.00	C10485	1.00	<.03	prev		
BG11-157	40.00	41.00	C10487	1.00	<.03	dec v's, min py		
BG-11-157	41.00	42.00	C10488	1.00	<.03	dec v's, min py		
BG-11-157	42.00	43.00	C10489	1.00	<.03	min py infilling epi v's		
BG-11-157	43.00	43.70	C10490	0.70	<.03	min py infilling epi v's, stope at 43.7m, void 3 feet (driller note)		
BG-11-157	44.50	45.00	C10491	0.50	<.03	broken ground, min py, approx .5m sample		
BG-11-157	45.00	46.00	C10492	1.00	<.03	broken ground, hem, min py		
BG-11-157	46.00	47.00	C10493	1.00	<.03	min py, dec epi v's		
BG-11-157	47.00	48.00	C10494	1.00	0.137	min py, dec epi v's		
BG-11-157	48.00	48.90	C10495	0.90	3.532	inc hem pervasive through sample, py 10-25%; dissem and in carb v's	3.429	3.634
BG11-157	**48.90**	**49.70**	**C10497**	**0.80**	**0.549**	**hem dissapears, min py in epi v, 70 deg TCA**		
BG-11-157	49.70	51.00	C10498	1.30	0.069	min py infilling epi v's		
BG-11-157	51.00	52.50	C10499	1.50	0.274	min py infilling epi v's, leucox		
BG-11-157	52.50	54.00	C10500	1.50	0.274	min py infilling epi v's		
BG-11-157	54.00	55.50	C10501	1.50	0.206	min bleaching, 51-51.3m		
BG-11-157	**55.50**	**57.00**	**C10502**	**1.50**	**0.549**	**min py infilling epi v's**		
BG-11-157	57.00	58.50	C10503	1.50	0.069	min py infilling epi v's		
BG-11-157	58.50	60.00	C10504	1.50	<.03	low angle carb v, 58.7-60m, pink-white, min py		
BG-11-157	60.00	61.00	C10505	1.00	<.03	blocky, broken ground, hem, min py		
BG-11-157	61.00	62.50	C10506	1.50	<.03	hem, min py		
BG-11-157	62.50	64.00	C10507	1.50	<.03	hem, min py, leuco		
BG-11-157	64.00	65.50	C10508	1.50	<.03	hem, min py, leuco		
BG-11-157	65.50	67.00	C10509	1.50	<.03	mag at 66.6-66.7m, min py in epidote		
BG-11-157	67.00	68.00	C10510	1.00	<.03	min carb v's,30-40 deg TCA		
BG11-157	68.00	69.50	C10512	1.50	<.03	epidote continues, hem, min py		
BG-11-157	69.50	71.00	C10513	1.50	<.03	fault gouge, at 70.17@ 25 deg TCA, hem, min py		
BG-11-157	71.00	72.50	C10514	1.50	<.03	epidote continues, hem, min py		
BG-11-157	72.50	74.00	C10515	1.50	<.03	high angle carb v's, 70-80 deg TCA, 1-5mm, min py, hem		
BG-11-157	74.00	75.50	C10516	1.50	<.03	1-2% dissem py, hem		
BG-11-157	75.50	77.00	C10517	1.50	<.03	blocky at 76.5m, min py		
BG-11-157	77.00	78.50	C10518	1.50	<.03	qtz-carb-ser v at 72.2-72.23m, 70 deg TCA, min hem, py		
BG-11-157	78.50	80.00	C10519	1.50	<.03	bleached at 79.6-80m, gouge 79.9m, 20 deg TCA		
BG-11-157	80.00	81.50	C10520	1.50	<.03	inc carb v's, 70 deg TCA, min py		
BG-11-157	81.50	83.00	C10521	1.50	<.03	bleached, min py		
BG-11-157	83.00	84.50	C10522	1.50	<.03	bleached, min py		
BG-11-157	84.50	86.00	C10523	1.50	0.069	bleached, min py in epi-carb v's		
BG-11-157	86.00	87.00	C10524	1.00	<.03	micro frac from 86.55, min py in qtz-carb v, 86.3m @ 45 deg TCA		

Hole_ID	From	To	Sample_#	Length	Au ppm	Description	Au ppm_ck	Au ppm-ck2
BG-11-157	87.00	88.00	C10525	1.00	<.03	slips 87.22m,@45 deg TCA; 87.73 m@ 50 deg TCA, frac continues, min py		
BG11-157	88.00	89.00	C10527	1.00	<.03	high angle carb v's 1-5%, min py,hem		
BG-11-157	89.00	90.00	C10528	1.00	<.03	blocky, min py, hem		
BG-11-157	90.00	91.50	C10529	1.50	<.03	min py, hem		
BG-11-157	91.50	93.00	C10530	1.50	<.03	min py, hem		
BG-11-157	93.00	94.00	C10531	1.00	<.03	blocky, min py, inc hem		
BG-11-157	94.00	95.50	C10532	1.50	<.03	hem, low angle carb v's, min py dissem		
BG-11-157	95.50	97.00	C10533	1.50	<.03	late carb v's 1mm-.5cm, prev		
BG-11-157	97.00	98.50	C10534	1.50	0.069	leucox, gouge 97.1m 20 deg TCA		
BG-11-157	98.50	100.00	C10535	1.50	<.03	epidote v's, leucox, min hem, py		
BG-11-157	100.00	101.50	C10536	1.50	<.03	inc chl at 101.4m, perv epidote v's, min py, hem		
BG11-157	101.50	103.00	C10538	1.50	<.03	chl, perv epidote v's, min py, hem		
BG-11-157	103.00	104.50	C10539	1.50	<.03	chl, perv epidote v's, min py, hem		
BG-11-157	104.50	106.00	C10540	1.50	<.03	card v at 105.4-105.8M, 10 deg TCA, leuco		
BG-11-157	106.00	107.50	C10541	1.50	<.03	chl, perv epidote v's, min py, hem		
BG-11-157	107.50	109.00	C10542	1.50	<.03	chl, perv epidote v's, min py, hem		
BG-11-157	109.00	110.50	C10543	1.50	<.03	chl, perv epidote v's, min py, hem		
BG-11-157	110.50	112.00	C10544	1.50	0.069	chl, perv epidote v's, min py, hem		
BG-11-157	112.00	113.50	C10545	1.50	<.03	chl, perv epidote v's, min py, hem, leucox		
BG-11-157	113.50	115.00	C10546	1.50	0.274	prev, min py infilling in epidote v's		
BG-11-157	115.00	116.50	C10547	1.50	0.069	prev, hem, broken		
BG-11-157	116.50	117.20	C10548	0.70	0.411	broken core, inc py, 1-5%, leucox		
BG-11-157	117.20	118.00	C10549	0.80	<.03	chl, perv epidote v's, min py, hem, leucox		
BG-11-157	118.00	119.00	C10550	1.00	<.03	prev, py infilling in epidote v's, 1-2%		
BG-11-157	119.00	120.30	C10551	1.30	<.03	chl, perv epidote v's, min py, hem, leucox		
BG-11-157	120.30	120.90	C10552	0.60	0.069	inc py 1-3%, dissem and in carb v's		
BG-11-157	120.90	121.50	C10553	0.60	1.372	pink-white carb v, 20 deg TCA, inc dissem py 3-10%, hem leucox	1.303	1.440
BG11-157	121.50	122.50	C10555	1.00	0.137	prev, 1-2% py infilling in epidote v's		
BG-11-157	122.50	124.00	C10556	1.50	<.03	fault gouge 124.95m, 30 deg TCA, broken		
BG-11-157	124.00	125.00	C10557	1.00	<.03	chl, perv epidote v's, min py, hem, leucox		
BG-11-157	125.00	126.50	C10558	1.50	<.03	chl, perv epidote v's, min py, hem, leucox		
BG-11-157	126.50	128.00	C10559	1.50	0.069	chl, perv epidote v's, min py, hem, leucox; broken		
BG-11-157	128.00	129.00	C10560	1.00	3.840	1-3% py, inc carb, broken	2.880	4.800
BG-11-157	129.00	130.50	C10561	1.50	<.03	broken, dec hem, epidote v's		
BG-11-157	130.50	132.00	C10562	1.50	<.03	broken, dec hem, epidote v's		
BG-11-157	132.00	133.00	C10563	1.00	<.03	prev		
BG-11-157	133.00	134.00	C10564	1.00	<.03	fault gouge 133.6, 10-20 deg TCA		
BG-11-157	134.00	135.00	C10565	1.00	<.03	gouge 134.8m, leucox		
BG-11-157	135.00	136.00	C10566	1.00	0.137	gouge 135.5m, leucox		
BG-11-157	136.00	137.50	C10567	1.50	<.03	dec carb v's, min leucox, min py		
BG-11-157	137.50	139.00	C10568	1.50	<.03	broken, , min py		
BG-11-157	139.00	140.50	C10570	1.50	0.069	fresh, pristine		
BG-11-157	140.50	141.50	C10571	1.00	0.274	min seams 141.4-141.5m, min dissem		
BG-11-157	141.50	143.00	C10572	1.50	0.069	fresh, pristine		
BG-11-157	143.00	144.50	C10573	1.50	<.03	fresh, pristine		
BG-11-157	144.50	146.00	C10574	1.50	<.03	fresh, pristine		
BG-11-157	146.00	147.50	C10575	1.50	<.03	inc chl, gouge 146.93@45 deg TCA		
BG-11-157	147.50	149.00	C10576	1.50	<.03	fresh, pristine		
BG-11-157	149.00	150.00	C10577	1.00	<.03	min bleaching, min py		
BG-11-157	150.00	151.00	C10578	1.00	<.03	prev		
BG-11-157	151.00	151.70	C10579	0.70	4.698	inc carb, dissem py 1-2%	4.389	5.006
BG-11-157	**151.70**	**152.70**	**C10580**	**1.00**	**0.617**	**inc carb, dissem py 1-3%**		

Hole_ID	From	To	Sample_#	Length	Au ppm	Description	Au ppm_ck	Au ppm-ck2
BG-11-157	152.70	153.70	C10581	1.00	0.069	dec py		
BG-11-157	153.70	155.00	C10582	1.30	0.206	dec carb v's, min leucox, min py		
BG-11-157	155.00	156.00	C10583	1.00	<.03	carb v's, min py		
BG-11-157	156.00	157.50	C10584	1.50	<.03	carb v's, min py		
BG-11-157	157.50	159.00	C10585	1.50	<.03	carb v's, min py		
BG-11-157	159.00	160.00	C10586	1.00	0.480	fault gouge, 159.17-157.25m@25 degTCA		
BG-11-157	160.00	161.00	C10587	1.00	0.069	breciated, cataclastic, from 161m, clasts of calcite and quartz throuought section, min py		
BG-11-157	161.00	162.00	C10589	1.00	<.03	breciated, cataclastic, from 161m, clasts of calcite and quartz throuought section		
BG-11-157	162.00	163.00	C10590	1.00	<.03	breciated, cataclastic, from 161m, clasts of calcite and quartz throuought section, micro frac 162.5-163		
BG-11-157	163.00	164.00	C10591	1.00	0.343	breciated, cataclastic, from 161m, clasts of calcite and quartz throuought section		
BG-11-157	164.00	165.00	C10592	1.00	0.480	start of gouge at 164.9M @20 deg TCA, series of gouges through to 171.2m		
BG-11-157	**165.00**	**166.00**	**C10593**	**1.00**	**0.823**	**80% gouge, carb v at 165.3-165.57 along axis**		
BG-11-157	166.00	167.00	C10594	1.00	0.480	25% gouge, leucox +-		
BG-11-157	167.00	168.00	C10595	1.00	1.475	50% gouge, clay-mud	1.303	1.646
BG-11-157	168.00	169.00	C10596	1.00	4.938	cataclastic at 168-168.44m, gouge @ 20 deg TCA	4.526	5.349
BG-11-157	169.00	170.00	C10598	1.00	1.406	gouge 169.8m @ 45 deg TCA	1.166	1.646
BG-11-157	170.00	171.00	C10599	1.00	1.337	gouge 170.95- 171m @ 45 deg TCA	1.303	1.371
BG-11-157	171.00	172.00	C10600	1.00	0.137	gouge 171.55- 171.57m @ 35 deg TCA		
BG-11-157	172.00	173.50	C10601	1.50	0.069	gouge at 172.87@ 30 deg TCA; gouge 172.95m@ 35 deg TCA		
BG-11-157	173.50	175.00	C10602	1.50	<.03	inc pink-white cab v; leuco		
BG-11-157	175.00	176.50	C10603	1.50	0.069	min carb v's, +- leuco		
BG-11-157	176.50	178.00	C10604	1.50	0.069	min carb v's, +- leuco		
BG-11-157	178.00	179.50	C10605	1.50	<.03	min carb v's, +- leuco		
BG-11-157	179.50	181.00	C10606	1.50	<.03	1 bleb of cpy in carb v, 180.55-181m at 180.64m		
BG-11-157	181.00	182.50	C10607	1.50	<.03	inc carb in matrix, carb v's, +- leuco		
BG-11-157	182.50	184.00	C10608	1.50	<.03	inc carb in matrix, carb v's, +- leuco		
BG-11-157	184.00	185.50	C10609	1.50	<.03	min carb v's, +- leuco		
BG-11-157	185.50	187.00	C10610	1.50	<.03	gouge 185.82-185.84@ 30 deg TCA		
BG-11-157	187.00	188.50	C10611	1.50	<.03	min carb v's, +- leuco		
BG-11-157	188.50	190.00	C10612	1.50	<.03	min carb v's, +- leuco		
BG-11-157	190.00	191.50	C10613	1.50	<.03	min carb v's, +- leuco		
BG-11-157	191.50	193.00	C10615	1.50	<.03	epidote veins, very min py,blocky, broken		
BG-11-157	193.00	194.50	C10616	1.50	<.03	epidote veins, very min py,blocky, broken		
BG-11-157	194.50	196.00	C10617	1.50	<.03	epidote veins, very min py,blocky, broken		
BG-11-157	196.00	197.50	C10618	1.50	0.480	hem, min cse py, 1%, epidote veins, blocky, broken		
BG-11-157	197.50	199.00	C10619	1.50	0.069	epidote veins, very min py,blocky, broken		
BG-11-157	199.00	200.00	C10620	1.00	<.03	epidote veins, very min py,blocky, broken		
BG-11-157	200.00	201.00	C10621	1.00	0.480	epidote veins, very min py,blocky, broken, EOH		
BG-11-158	12.50	14.00	C11731	1.50	<.03	sporadic carb v's, hem, min py		
BG-11-158	14.00	15.50	C11732	1.50	<.03	min epidote v's, min py		
BG-11-158	15.50	17.00	C11733	1.50	<.03	blocky, epi-carb v's, 1-3mm		
BG-11-158	17.00	18.40	C11734	1.40	0.069	2 foot seam before 18m, inc epidote v's, leucox, min py infilling		
BG-11-158	18.40	19.20	C11735	0.80	<.03	min epi v'ing, low angle carb v's, min py		
BG-11-158	19.20	19.70	C11736	0.50	1.852	min epidote, carb v's, py infilling, 1-3%	1.989	1.714
BG-11-158	19.70	20.60	C11737	0.90	<.03	carb v 20.2-20.4m 20 deg TCA, cpy blebs, 1% py		
BG-11-158	20.60	22.00	C11738	1.40	<.03	min v's, chl		
BG-11-158	22.00	23.50	C11739	1.50	<.03	min v's, chl		
BG-11-158	23.50	25.00	C11740	1.50	<.03	prev		
BG-11-158	25.00	26.30	C11741	1.30	0.069	sporadic carb v's, hem, min py		
BG-11-158	26.30	26.90	C11743	0.60	0.411	inc py infilling epidote v's, 1-3%, leucox		
BG-11-158	26.90	27.90	C11745	1.00	<.03	min epidote v's, min py, leucox		
BG-11-158	27.90	28.50	C11746	0.60	0.411	infilling, py 5-10% at 28.2m		

Hole_ID	From	To	Sample_#	Length	Au ppm	Description	Au ppm_ck	Au ppm-ck2
BG-11-158	28.50	29.00	C11748	0.50	<.03	min epidote v's, min py, leucox		
BG-11-158	29.00	29.70	C11749	0.70	0.137	inc epidote, infilling py, 3-5%		
BG-11-158	29.70	30.40	C11750	0.70	<.03	epidote, infilling py, 1-2%		
BG-11-158	30.40	31.10	C11751	0.70	<.03	infilling, py 1-3%, chl		
BG-11-158	31.10	32.00	C11752	0.90	<.03	min epidote, hem, chl		
BG-11-158	32.00	32.80	C11753	0.80	0.137	contact Dior-bx-Dior, 32.3m, 10 deg TCA		
BG-11-158	32.80	34.00	C11754	1.20	<.03	aphanitic, competant, dyke like, basaltic texture		
BG-11-158	34.00	35.00	C11755	1.00	<.03	aphanitic, competant, dyke like		
BG-11-158	35.00	35.90	C11756	0.90	<.03	aphanitic, competant, dyke like		
BG-11-158	38.00	39.00	C11757	1.00	0.137	void, 8 foot seam driller note, before 38m, contact of dyke?-diorite, ater stope, green chloritic section starts		
BG-11-158	39.00	39.60	C11758	0.60	0.069	inc epidote, infilling py, 1-2%		
BG-11-158	**39.60**	**40.10**	**C11759**	**0.50**	**0.549**	**seam of py 39.93-39.97m, 5-10% py**		
BG-11-158	40.10	41.00	C11760	0.90	0.274	dec epidote, py		
BG-11-158	41.00	41.50	C11761	0.50	1.749	py seam 41.23-41.26, 10-15% py, bleached	1.851	1.646
BG-11-158	41.50	42.20	C11762	0.70	0.069	bleached, min carb, epidote v's		
BG-11-158	42.20	43.00	C11763	0.80	<.03	bleached, min carb, epidote v's		
BG-11-158	43.00	44.00	C11764	1.00	<.03	pink carb v along axis, min epidote		
BG-11-158	44.00	45.00	C11765	1.00	<.03	chl, min py		
BG-11-158	45.00	46.00	C11766	1.00	<.03	py seam 45.81-45.83, 20% bpy, hem		
BG-11-158	46.00	46.90	C11768	0.90	0.069	slip 46.0m, 45 deg TCA, min py		
BG-11-158	46.90	48.00	C11769	1.10	<.03	min epi, carb v's, min py		
BG-11-158	48.00	49.00	C11770	1.00	<.03	epidote clots, clasts of feldspar, spec hem, min py		
BG-11-158	49.00	50.50	C11771	1.50	<.03	min cse py in frac, low angle carb v's, 20 deg TCA,spec hem		
BG-11-158	50.50	52.00	C11772	1.50	0.069	min cse py in frac, low angle carb v's, 20 deg TCA,spec hem		
BG-11-158	52.00	53.50	C11773	1.50	0.069	prev		
BG-11-158	53.50	55.00	C11774	1.50	<.03	epidote clots, clasts of feldspar, spec hem, min py		
BG-11-158	55.00	56.50	C11775	1.50	0.069	prev		
BG-11-158	56.50	58.00	C11776	1.50	<.03	prev		
BG-11-158	58.00	59.50	C11777	1.50	0.069	prev		
BG-11-158	59.50	61.00	C11778	1.50	<.03	prev		
BG-11-158	61.00	62.00	C11779	1.00	0.069	inc epidote, gouge, 61.63m 30 deg TCA, min py,		
BG-11-158	62.00	63.00	C11781	1.00	0.069	prev, min py, hem		
BG-11-158	63.00	64.00	C11782	1.00	0.274	wispy carb v's, min py, py infilling epi clots		
BG-11-158	64.00	65.30	C11783	1.30	<.03	prev		
BG-11-158	**65.30**	**66.00**	**C11784**	**0.70**	**8.332**	**frac, hem, 65.4-65.8m 15-25% py**	**8.640**	**8.023**
BG-11-158	66.00	66.70	C11786	0.70	0.069	bleached, 1-2% py		
BG-11-158	66.70	67.70	C11787	1.00	<.03	wispy carb v's, min py, py infilling epi clots		
BG-11-158	67.70	69.00	C11788	1.30	<.03	prev		
BG-11-158	69.00	70.50	C11789	1.50	<.03	low angle carb v's, min py		
BG-11-158	70.50	72.00	C11790	1.50	<.03	wispy carb v's, 20-45 deg TCA; min py, py infilling epi clots		
BG-11-158	72.00	73.00	C11791	1.00	<.03	inc clots of epi		
BG-11-158	73.00	74.00	C11793	1.00	<.03	wispy carb v's, min py, py infilling epi clots		
BG-11-158	74.00	75.00	C11794	1.00	<.03	prev		
BG-11-158	**75.00**	**76.00**	**C11795**	**1.00**	**0.754**	**bleached, hem, 1-3% py**		
BG-11-158	76.00	77.00	C11796	1.00	<.03	bleached, hem, min py		
BG-11-158	77.00	78.00	C11797	1.00	<.03	bleached, hem, 1-3% py		
BG-11-158	78.00	79.00	C11798	1.00	<.03	bleached, hem, 1% py		
BG-11-158	79.00	79.60	C11799	0.60	0.206	79.5-79.57m, 10-25% py, in carb v		
BG-11-158	79.60	80.30	C11800	0.70	<.03	seam of py 80.04-80.07m, 5-10% py, bleached		
BG-11-158	80.30	81.00	C11801	0.70	<.03	bleached, min py		
BG-11-158	81.00	82.00	C11802	1.00	<.03	epidote clots continue, min carb v's, min py		

Hole_ID	From	To	Sample_#	Length	Au ppm	Description	Au ppm_ck	Au ppm-ck2
BG-11-158	82.00	83.00	C11803	1.00	<.03	epidote clots continue, min carb v's, min py		
BG-11-158	83.00	83.55	C11804	0.55	<.03	py seams 3-5% in carb v's, 83.16-83.20m, 80 deg TCA		
BG-11-158	83.55	84.30	C11805	0.75	<.03	min py,hem		
BG-11-158	84.30	84.80	C11806	0.50	<.03	hem section, 1-3% py, silicious		
BG-11-158	84.80	85.70	C11807	0.90	<.03	min carb v's, low to high angle		
BG-11-158	85.70	86.30	C11808	0.60	<.03	5-10% py 85.77-85.85m, carb-epidote v, chl		
BG-11-158	86.30	87.30	C11809	1.00	<.03	inc epidote clots, min py		
BG-11-158	87.30	88.00	C11810	0.70	<.03	min infilling py in epi v's		
BG-11-158	88.00	89.50	C11811	1.50	<.03	min infilling py in epi v's, hem		
BG-11-158	89.50	90.50	C11812	1.00	<.03	prev		
BG-11-158	90.50	91.00	C11813	0.50	0.069	bleached,1cm py seam, 90.7m, 1-3% py		
BG-11-158	91.00	92.00	C11814	1.00	<.03	min infilling py in epi v's, hem		
BG-11-158	92.00	93.50	C11815	1.50	<.03	prev		
BG-11-158	93.50	95.00	C11816	1.50	<.03	prev		
BG-11-158	95.00	96.50	C11818	1.50	<.03	min infilling py in epi v's, hem		
BG-11-158	96.50	98.00	C11819	1.50	<.03	prev		
BG-11-158	98.00	98.70	C11820	0.70	<.03			
BG-11-158	98.70	99.20	C11821	0.50	<.03	qtz-carb-ank v 90 deg TCA; 98.77-98.82m, 1-3% py		
BG-11-158	99.20	100.00	C11822	0.80	<.03	min seams of py in carb v's, 1-3%		
BG-11-158	100.00	101.00	C11823	1.00	<.03	wispy carb v's, dec epidote		
BG-11-158	101.00	102.00	C11824	1.00	<.03	wispy carb v's, dec epidote		
BG-11-158	102.00	103.00	C11825	1.00	<.03	inc carb v's, 1-5% py 102.8-102.9m		
BG-11-158	103.00	104.50	C11826	1.50	<.03	wispy carb v's, min py, py infilling epi clots		
BG-11-158	104.50	106.00	C11827	1.50	<.03	prev		
BG-11-158	106.00	107.50	C11828	1.50	<.03	inc epidote clots, min py		
BG-11-158	107.50	109.00	C11829	1.50	<.03	blocky, carb v's along axis		
BG-11-158	109.00	110.00	C11830	1.00	<.03	blocky, carb v's along axis		
BG-11-158	110.00	111.00	C11831	1.00	<.03	inc epidote clots, min py		
BG-11-158	111.00	112.50	C11832	1.50	<.03	blocky, carb v's, epidote clots, chl, min py		
BG-11-158	112.50	114.00	C11833	1.50	<.03	blocky, carb v's, epidote clots, chl, min py		
BG-11-158	114.00	115.00	C11834	1.00	<.03	blocky, carb v's, epidote clots, chl, 1% py		
BG-11-158	115.00	116.00	C11835	1.00	<.03	qtz-carb v 115.9-115.95m, low angle,1% py, hem		
BG-11-158	116.00	116.70	C11836	0.70	<.03	dissem py, 1%, hem		
BG-11-158	116.70	117.30	C11837	0.60	<.03	gouge, 116.9-117.3m, 10deg TCA,1-2% py, hem, blocky		
BG-11-158	117.30	118.70	C11838	1.40	<.03	blocky, rubble, min py, hem		
BG-11-158	118.70	119.30	C11839	0.60	<.03	epidote clots, min py		
BG-11-158	119.30	120.50	C11840	1.20	<.03	min carb v's, 45-75 deg TCA, min py,hem		
BG-11-158	120.50	121.50	C11841	1.00	<.03	min carb v's, min py,hem		
BG-11-158	121.50	122.15	C11843	0.65	<.03	epi clots, min py		
BG-11-158	**122.15**	**122.70**	**C11844**	**0.55**	**0.754**	**carb-epi v, 122.24-122.28m, 45 deg TCA, 10% py**		
BG11-158	122.70	123.70	C11845	1.00	<.03	blocky, min carb v's, low angle, 10-20 deg TCA		
BG11-158	123.70	125.00	C11846	1.30	<.03	inc breccia at 124.9m, min py		
BG11-158	125.00	126.10	C11847	1.10	<.03	breccia dominant, 75% of section with clasts, min py		
BG11-158	126.10	127.00	C11848	0.90	<.03	dec brec, min carb-epidote v's, min py		
BG11-158	127.00	128.00	C11849	1.00	0.206	hem 127.7-127.9m, min py		
BG11-158	128.00	129.00	C11850	1.00	<.03	min carb-epidote v's, min py		
BG11-158	129.00	130.50	C11851	1.50	<.03	min carb-epidote v's, min py		
BG11-158	130.50	132.00	C11852	1.50	<.03	blocky, gouge 131.6m 20 deg TCA, hem min py		
BG11-158	132.00	133.50	C11853	1.50	<.03	competant, min py		
BG11-158	133.50	135.00	C11854	1.50	<.03	inc carb v's along axis, wispy, min py		
BG11-158	135.00	136.50	C11855	1.50	<.03	leucox, intermittantly mag from 135.5m, min py		
BG11-158	136.50	138.00	C11856	1.50	<.03	prev		

Hole_ID	From	To	Sample_#	Length	Au ppm	Description	Au ppm_ck	Au ppm-ck2
BG11-158	138.00	139.50	C11857	1.50	<.03	feldspar phenos inc, 10-15 %, 2mm-.5cm, hem, min py		
BG11-158	139.50	141.00	C11858	1.50	<.03	blocky, 140.5-141m, min py		
BG11-158	141.00	142.50	C11859	1.50	<.03	blocky, min carb v's, hem, min py		
BG11-158	142.50	144.00	C11860	1.50	<.03	prev		
BG11-158	144.00	145.50	C11862	1.50	<.03	wispy carb v's, hem		
BG11-158	145.50	147.00	C11863	1.50	<.03	wispy carb v's, hem		
BG11-158	147.00	148.50	C11864	1.50	<.03	blocky, min carb v's, hem, min py		
BG11-158	148.50	150.00	C11865	1.50	<.03	blocky, min carb v's, hem, min py		
BG11-158	150.00	151.50	C11866	1.50	<.03	blocky, min carb v's, hem, min py		
BG11-158	151.50	153.00	C11868	1.50	<.03	blocky, min carb v's, hem, min py		
BG11-158	153.00	154.50	C11869	1.50	<.03	gouge, 153.2m, 30 deg TCA min py, hem, blocky		
BG11-158	154.50	156.00	C11870	1.50	<.03	blocky, min carb v's, hem, min py		
BG11-158	156.00	157.50	C11871	1.50	0.069	blocky, min carb v's, spec hem, min py		
BG11-158	157.50	159.00	C11872	1.50	<.03	blocky		
BG11-158	159.00	160.50	C11873	1.50	<.03			
BG11-158	160.50	162.00	C11874	1.50	<.03	gouge 161.8-163.3m, 0-10 deg TCA		
BG11-158	162.00	163.50	C11875	1.50	<.03	blocky, min carb v's, spec hem, min py		
BG11-158	163.50	165.00	C11876	1.50	<.03	blocky, min carb v's, spec hem, min py		
BG11-158	165.00	166.50	C11877	1.50	<.03	min carb v's, spec hem, min py		
BG11-158	166.50	168.00	C11878	1.50	<.03	min carb v's, spec hem, min py		
BG11-158	168.00	169.50	C11879	1.50	<.03	min carb v's, spec hem, min py		
BG11-158	169.50	171.00	C11880	1.50	<.03	min carb v's, spec hem, min py		
BG11-158	171.00	172.50	C11881	1.50	<.03	carb v's along axis, spec hem, min py		
BG11-158	172.50	174.00	C11882	1.50	<.03	breccia inc, min cpy, carb v; py		
BG11-158	174.00	175.00	C11883	1.00	<.03	gouge, 174.1-174.2m, 20 deg TCA; min py		
BG11-158	175.00	176.50	C11884	1.50	<.03	pink carb v's along axis, spec hem, min py		
BG11-158	176.50	178.00	C11885	1.50	<.03	prev		
BG11-158	178.00	179.00	C11886	1.00	<.03	prev		
BG11-158	179.00	180.00	C11887	1.00	<.03	gouge, 179.15-179.2 20 deg TCA		
BG11-158	180.00	181.00	C11888	1.00	<.03	inc hem, min py		
BG11-158	181.00	182.00	C11889	1.00	<.03	spec hem, min wispy carb v's, 1% py		
BG11-158	182.00	183.00	C11890	1.00	<.03	frac, carb v's 45-60 deg TCA		
BG11-158	183.00	184.00	C11891	1.00	<.03	spec hem, min wispy carb v's, 1% py		
BG11-158	184.00	185.50	C11893	1.50	<.03	gouge, 185-185.1m, 20 deg TCA		
BG11-158	185.50	187.00	C11894	1.50	<.03	wispy carb v's, pris dior, min py		
BG11-158	187.00	188.50	C11895	1.50	<.03	wispy carb v's, pris dior, min py		
BG11-158	188.50	190.00	C11896	1.50	<.03	pink carb v's along axis, spec hem, min py		
BG11-158	190.00	191.50	C11897	1.50	<.03	hem, spec hem, wispy v's		
BG11-158	191.50	193.00	C11898	1.50	<.03	hem, spec hem, wispy v's		
BG11-158	193.00	194.50	C11899	1.50	<.03	pink carb v's along axis, spec hem, min py		
BG11-158	194.50	196.00	C11900	1.50	<.03	hem, spec hem, wispy v's		
BG11-158	196.00	197.50	C11351	1.50	<.03	inc chl, wispy carb v's, min py		
BG11-158	197.50	198.20	C11352	0.70	<.03	hem, spec hem, wispy v's		
BG11-158	198.20	199.00	C11353	0.80	<.03	gouge 198.4-198.47, 30 deg TCA, cataclastic texture		
BG11-158	199.00	200.00	C11354	1.00	<.03	hem, spec hem, wispy v's		
BG11-158	200.00	201.50	C11355	1.50	<.03	hem, spec hem, wispy v's		
BG11-158	201.50	203.00	C11356	1.50	<.03	gouge 201.9-202m, 20 deg TCA		
BG11-158	203.00	204.00	C11358	1.00	<.03	gouge 203.6-203.67m 20 deg TCA, qtz-ser-dol floods, 203-203.5m, pink carb wisps		
BG11-158	204.00	205.00	C11359	1.00	<.03	inc in breccia, min py		
BG11-158	205.00	206.50	C11360	1.50	<.03	wispy carb v's, 10-20% hb min py		
BG11-158	206.50	207.50	C11361	1.00	<.03	inc carb in matrix		
BG11-158	207.50	208.10	C11362	0.60	<.03	qtz-carb v's, bleached, min py		

Hole_ID	From	To	Sample_#	Length	Au ppm	Description	Au ppm_ck	Au ppm-ck2
BG11-158	208.10	209.00	C11363	0.90	<.03	qtz-carb v's, bleached, min py		
BG11-158	209.00	210.00	C11364	1.00	<.03	qtz-carb v's, min py		
BG11-158	210.00	211.00	C11365	1.00	<.03	qtz-dol-chl v, 210.52-210.55m, 30 deg TCA, 1% py		
BG11-158	211.00	212.50	C11366	1.50	<.03	gouge, 212.2m, 30 deg TCA		
BG11-158	212.50	214.00	C11368	1.50	<.03	qtz-carb v's, min py		
BG11-158	214.00	215.50	C11369	1.50	<.03	qtz-carb v's, min py		
BG11-158	215.50	216.20	C11370	0.70	<.03	dec breccia, min py		
BG11-158	216.20	216.70	C11371	0.50	1.886	splashes of cpy in bleached section, chl, 1-2% py	2.331	1.440
BG11-158	216.70	217.70	C11372	1.00	<.03	mafic dike at 217.7-219.6, 10 deg TCA, magnetic at 217.9-218m		
BG11-158	217.70	218.70	C11373	1.00	<.03	dike contiues, mafic, min carb v's		
BG11-158	218.70	219.50	C11394	1.00	<.03	dike contiues to 219.6m, min cpy		
BG11-158	219.50	220.30	C11374	0.80	<.03	dike contact 219.6m 45 deg TCA, hem fract to 220.3m, min py		
BG11-158	220.30	221.30	C11375	1.00	<.03	min py		
BG11-158	221.30	222.30	C11376	1.00	<.03	min qtz-dol-ank v's, wispy carb		
BG11-158	222.30	223.30	C11377	1.00	<.03	min qtz-dol-ank v's, wispy carb		
BG11-158	223.30	224.30	C11378	1.00	<.03	min qtz-dol-ank v's, wispy carb		
BG11-158	224.30	225.40	C11379	1.10	<.03	qtz-dol v's, wormy, pink carb, micro frac, chl		
BG11-158	225.40	226.10	C11380	0.70	<.03	min qtz-dol-ank v's, wispy carb		
BG11-158	226.10	226.60	C11381	0.50	0.206	hem section, fract, 1-2% py		
BG11-158	226.60	227.30	C11383	0.70	<.03	hem, 1-2% py		
BG11-158	227.30	228.00	C11384	0.70	<.03	min py seams, 1-2% inc chl		
BG11-158	228.00	229.00	C11385	1.00	<.03	min qtz-dol v's, min py infilling, bleached		
BG11-158	229.00	230.00	C11386	1.00	<.03	pink cal v's, min qtz-dol flood		
BG11-158	230.00	231.10	C11387	1.10	<.03	pink cal v's, min qtz-dol flood		
BG11-158	231.10	232.00	C11388	0.90	<.03	hem zone, min py		
BG11-158	232.00	233.00	C11389	1.00	<.03	inc qtz-dol, 1-5% py seams		
BG11-158	233.00	234.00	C11390	1.00	<.03	hem zone, min py, wispy carb v's		
BG11-158	234.00	235.00	C11391	1.00	<.03	pink cal v's, min qtz-dol		
BG11-158	235.00	236.00	C11393	1.00	<.03	wispy carb v's, min py		
BG11-158	236.00	237.50	C11395	1.50	<.03	wispy carb v's, min py		
BG11-158	237.50	239.00	C11396	1.50	<.03	wispy carb v's, min py, pink carb v's		
BG11-158	239.00	240.50	C11397	1.50	<.03	wispy carb v's, min py, pink carb v's		
BG11-158	240.50	242.00	C11398	1.50	<.03	inc breccia, at 241.5m, inc alt, min py		
BG11-158	242.00	243.50	C11399	1.50	<.03	fault gouge 242.8-243m, 10-20 deg TCA		
BG11-158	243.50	245.00	C11400	1.50	<.03	contact dior-fp 244.4m, min py		
BG11-158	245.00	246.00	C11401	1.00	<.03	micro fract, very altered, inc chl, min py		
BG11-158	246.00	247.00	C11402	1.00	<.03	micro fract, very altered, inc chl, min py		
BG11-158	247.00	248.00	C11403	1.00	<.03			
BG11-158	248.00	249.00	C11404	1.00	<.03	fract, along axis of section		
BG11-158	249.00	250.00	C11405	1.00	<.03	fract, along axis of section		
BG11-158	250.00	251.00	C11406	1.00	<.03	contact QFP-Dior, 250-250.5m, fault along axis, 250.5-250.7m; 0-5 deg TCA		
BG11-158	251.00	252.00	C11407	1.00	<.03	bleached, altered Dior,leucox, inc qtz-dol, micro frac		
BG11-158	252.00	253.00	C11408	1.00	<.03	fault along axis, throughout section of breccia, min py		
BG11-158	253.00	254.00	C11409	1.00	<.03	min py slashes in carb v's, <1%		
BG11-158	254.00	255.00	C11410	1.00	<.03	wispy carb v's, min py, pink carb v's		
BG11-158	255.00	256.00	C11411	1.00	<.03	leucox, inc chl		
BG11-158	256.00	257.00	C11412	1.00	<.03	leucox, inc chl		
BG11-158	257.00	258.00	C11413	1.00	<.03	fault, 257-257.5m, 20deg TCA, pink carb along axis, min py		
BG11-158	258.00	259.00	C11414	1.00	<.03	hem rich, min frac, qtz-dol wormy v's		
BG11-158	259.00	260.00	C11415	1.00	<.03	micro frac, prev		
BG11-158	260.00	261.00	C11416	1.00	<.03	micro frac, prev		
BG11-158	261.00	262.00	C11417	1.00	<.03	micro frac, prev		

Hole_ID	From	To	Sample_#	Length	Au ppm	Description	Au ppm_ck	Au ppm-ck2
BG11-158	262.00	263.00	C11419	1.00	<.03	pink carb, chl in frac, min py		
BG11-158	263.00	264.00	C11420	1.00	<.03	pink carb along axis, 10- 15 deg TCA		
BG11-158	264.00	265.00	C11421	1.00	<.03	micro frac, min py		
BG11-158	265.00	266.00	C11422	1.00	<.03	inc hem, feldspar in matrix		
BG11-158	266.00	267.00	C11423	1.00	<.03	chl inc, min py		
BG11-158	267.00	268.00	C11424	1.00	<.03	prev		
BG11-158	268.00	269.00	C11425	1.00	<.03	wispy qtz-dol, min feldspar		
BG11-158	269.00	270.00	C11426	1.00	<.03	contact Diorite-Bi Modal QFP, 269.8m, 20 deg TCA		
BG11-158	270.00	271.00	C11427	1.00	<.03	pris QFP, .5-1cm phenos feldspar		
BG11-158	271.00	272.00	C11428	1.00	<.03	prev		
BG11-158	272.00	272.70	C11429	0.70	<.03	prev		
BG11-158	272.70	273.50	C11430	0.80	<.03	contact QFP-Syenite, 273.0m, 25 deg TCA, min py		
BG11-158	273.50	274.50	C11431	1.00	<.03	min wispy qtz-dol v's, hem		
BG11-158	274.50	276.00	C11432	1.50	<.03	min wispy qtz-dol v's, hem		
BG11-158	276.00	277.00	C11433	1.00	<.03	min micro frac, 1-2% py		
BG11-158	277.00	278.00	C11434	1.00	<.03	min micro frac, 1-2% py, blocky		
BG11-158	278.00	279.00	C11435	1.00	<.03	min micro frac, 1-2% py, blocky		
BG11-158	279.00	280.00	C11436	1.00	<.03	min micro frac, 1-2% py		
BG11-158	280.00	281.00	C11437	1.00	0.069	inc silica, 280.5-280.85m, 3-5% py ; EOH		
BG11-159	12.20	13.50	C10987	1.30	<.03	min epidote veining, infilling py, 1-2%		
BG11-159	13.50	15.00	C10988	1.50	<.03	slightly bleached, chloritic, .5cm seam py 14.7m, 1-2% py in epi v's		
BG11-159	15.00	16.00	C10989	1.00	<.03	leucox, 1cm qtz-dol v's 15.6m, 25 deg TCA, hem, min py		
BG11-159	16.00	17.00	C10990	1.00	<.03	leucox, 1% py, hem		
BG11-159	17.30	18.00	C10992	0.70	<.03	.3m seam (drillers note 1ft seam), at 17m; min py, hem		
BG11-159	18.00	19.50	C10993	1.50	<.03	leucox, 1% py, hem		
BG11-159	19.50	20.50	C10994	1.00	<.03	min epidote veining, min py, epidote v's		
BG-11-159	**20.50**	**21.00**	**C10995**	**0.50**	**10.183**	**qtz flood, and v at 20.52-20.58m, 1-3% py , 30 deg TCA**	**10.080**	**10.286**
BG11-159	21.00	22.00	C10996	1.00	<.03	min epidote veining, min py, epidote v's		
BG11-159	22.00	23.00	C10997	1.00	<.03	prev		
BG11-159	23.00	24.00	C10998	1.00	<.03	min epidote, py		
BG11-159	24.00	25.00	C10999	1.00	<.03	min epidote, py		
BG11-159	25.00	26.00	C11000	1.00	<.03	qtz-carb v 25.2-25.25m, min epidote, chl		
BG11-159	26.00	27.00	C11501	1.00	<.03	min py infills 1%; low angle carb v's		
BG11-159	27.00	28.00	C11502	1.00	<.03	min py infills 1%; low angle carb v's		
BG11-159	28.00	28.50	C11503	0.50	0.343	infilling 1-3% in carb-chl v's, 28.28-28.33m, leucox		
BG11-159	28.50	29.50	C11504	1.00	0.343	min carb v's, min py, hem		
BG-11-159	**29.50**	**30.50**	**C11505**	**1.00**	**0.686**	**aphanitic, dk grey, min py**		
BG-11-159	**30.50**	**31.00**	**C11506**	**0.50**	**0.686**	**inc in v's at 30.7m, aphanitic**		
BG-11-159	31.00	31.50	C11507	0.50	1.063	inc epidote v's, 3-5% py, v's at 30 deg TCA	1.166	0.960
BG11-159	31.50	32.40	C11509	0.90	0.137	dec in v's. py 1-2%		
BG-11-159	32.40	33.10	C11510	0.70	1.303	qtz-carb v 32.65-32.7m 3-5% py, leucox	1.303	1.303
BG11-159	33.10	34.00	C11511	0.90	<.03	dec py, perv epidote		
BG11-159	34.00	35.00	C11512	1.00	<.03	1-2% py in epi seam, 34.72-34.74m		
BG11-159	35.00	36.00	C11513	1.00	<.03	dec py, perv epidote		
BG11-159	36.00	37.00	C11514	1.00	<.03	dec py, perv epidote		
BG11-159	37.00	38.00	C11516	1.00	<.03	dec py, perv epidote		
BG11-159	**38.00**	**39.00**	**C11517**	**1.00**	**0.754**	**min py, epidote**		
BG11-159	39.00	40.00	C11518	1.00	<.03	2-4mm seams py, 1%		
BG11-159	40.00	41.00	C11519	1.00	<.03	2-4mm seams py, 1%		
BG11-159	41.00	42.00	C11520	1.00	<.03	min py, epidote		
BG11-159	43.60	44.40	C11521	0.80	0.069	5 ft void (drillers note), at 42m, aphanitic texture		
BG11-159	**44.40**	**45.00**	**C11522**	**0.60**	**0.891**	**1-2% dissem py, in epidote clots**		

Hole_ID	From	To	Sample_#	Length	Au ppm	Description	Au ppm_ck	Au ppm-ck2
BG11-159	45.00	46.00	C11523	1.00	<.03	fn dissem py 1-3% in section		
BG11-159	46.00	47.00	C11524	1.00	<.03	fn dissem py 1% in section		
BG11-159	47.00	47.60	C11525	0.60	<.03	fn dissem py 1% in section		
BG11-159	47.60	48.10	C11526	0.50	<.03	seam of py, 15-20%; 47.64-47.69, 60 deg TCA, min infilling of v's		
BG11-159	48.10	49.00	C11527	0.90	<.03	fault-gouge 48.6-48.8m 20 deg TCA, cataclastic texture, bleached, micro frac, 1% py		
BG11-159	49.00	50.00	C11528	1.00	<.03	inc chl, 1-2% py		
BG11-159	50.00	51.00	C11529	1.00	<.03	wispy carb v's, ank,1% py		
BG11-159	51.00	52.00	C11530	1.00	<.03	carb v's, 20 deg TCA, min py		
BG11-159	52.00	53.00	C11531	1.00	<.03	carb v's, 20 deg TCA, min py		
BG11-159	53.00	54.00	C11532	1.00	<.03	prev, min epidote		
BG11-159	54.00	54.60	C11533	0.60	<.03	min bleaching, qtz-dolv 54.5-54.6m 20 deg TCA, 1cm		
BG11-159	54.60	55.40	C11534	0.80	<.03	qtz-dol flooding, min micro frac, min dissem py		
BG11-159	55.40	56.50	C11535	1.10	<.03	gouge, 55.55m, 25 deg TCA, wispy carb v's, min py		
BG11-159	56.50	57.50	C11536	1.00	<.03	carb v 57.15m, 2-3cm, low angle, min py dissem		
BG11-159	57.50	59.00	C11537	1.50	<.03	wispy carb v's, 1% py		
BG11-159	59.00	59.70	C11538	0.70	<.03	min pink-mauve carb v's, min py		
BG11-159	59.70	60.70	C11539	1.00	<.03	series of gouges, 20 deg TCA 59.84-60.71m		
BG11-159	60.70	62.00	C11541	1.30	<.03	blocky, min py		
BG11-159	62.00	63.00	C11542	1.00	<.03	prev, epidote clots appear, lowv angle carb v's		
BG11-159	63.00	63.85	C11543	0.85	0.137	min carb v's, min py		
BG-11-159	**63.85**	**64.80**	**C11544**	**0.95**	**5.280**	**bleached, red brown zone, hem, 64-64.6m 40-50% py**	**5.623**	**4.937**
BG11-159	64.80	65.30	C11546	0.50	0.206	epidote, min py		
BG-11-159	**65.30**	**66.30**	**C11547**	**1.00**	**0.617**	**min carb v's, min py, dec chl**		
BG11-159	66.30	67.30	C11548	1.00	<.03	min epidote, carb v's, min py		
BG11-159	67.30	68.50	C11549	1.20	<.03	carb v, 67.3-67.4m, 0-5 deg TCA, min py		
BG11-159	68.50	70.00	C11550	1.50	<.03	min carb v's, epidote clots, min py		
BG11-159	70.00	71.50	C11551	1.50	<.03	min carb v's, epidote clots, min py		
BG11-159	71.50	73.00	C11552	1.50	<.03	dior-dior-bx, 72.2m, min py		
BG11-159	73.00	74.00	C11553	1.00	<.03	min epidote, carb v's, min py		
BG11-159	74.00	75.50	C11554	1.50	<.03	prev		
BG11-159	75.50	77.00	C11555	1.50	<.03	prev		
BG11-159	77.00	78.50	C11556	1.50	<.03	prev		
BG11-159	78.50	79.50	C11557	1.00	<.03	competant, prev		
BG11-159	79.50	81.00	C11558	1.50	<.03	min carb, epidote v's, 1-2% infilling py		
BG11-159	81.00	82.50	C11559	1.50	<.03	prev		
BG11-159	82.50	83.50	C11560	1.00	<.03	min carb, epidote v's, 1-2% infilling py		
BG11-159	83.50	84.50	C11561	1.00	<.03	1-2% dissem py, carb v's, chl		
BG11-159	84.50	85.30	C11562	0.80	0.069	bleached 84.8-85.3m, 1-3% pyin v's at 20 deg TCA		
BG11-159	85.30	86.20	C11563	0.90	<.03	bleached, 1-2% py		
BG11-159	86.20	86.80	C11564	0.60	<.03	bleached, 1-3% py in clots of epidote		
BG-11-159	86.80	87.40	C11566	0.60	2.469	fault-gouge, 87-87.3m 20 deg TCA, pink carb v ,up to 8cm wide, 5-8% py	2.469	2.469
BG11-159	87.40	88.00	C11567	0.60	<.03	blocky, bleached, hem, min py, gouge material in section		
BG11-159	88.00	89.00	C11569	1.00	<.03	bleached, micro frac, carb v's,min py		
BG11-159	89.00	90.00	C11570	1.00	<.03	min py, dissem, min v's		
BG11-159	90.00	91.00	C11571	1.00	0.343	prev		
BG11-159	91.00	92.00	C11572	1.00	<.03	inc carb v's, min py		
BG11-159	92.00	93.00	C11573	1.00	<.03	1-2% py		
BG11-159	93.00	94.00	C11574	1.00	<.03	1-2% py		
BG11-159	94.00	95.00	C11575	1.00	<.03	1-2% py		
BG11-159	95.00	95.80	C11576	0.80	0.480	bleached, carb v, 95.45-95.7m, 15 deg TCA 1-5% py		
BG11-159	95.80	96.80	C11577	1.00	<.03	bleached, micro frac, qtz-dol v 96.67-96.73m, 30 deg TCA ,min py		
BG11-159	96.80	97.80	C11578	1.00	<.03	wispy carb v's, 1% py		

Hole_ID	From	To	Sample_#	Length	Au ppm	Description	Au ppm_ck	Au ppm-ck2
BG11-159	97.80	99.00	C11579	1.20	<.03	wispy carb v's, 1% py		
BG11-159	99.00	100.00	C11580	1.00	0.343	wispy carb v's, 1% py		
BG11-159	100.00	101.00	C11581	1.00	<.03	prev		
BG11-159	101.00	102.00	C11582	1.00	0.069	slip 101.8-102m, 15-20 deg TCA, 1-2% py		
BG11-159	102.00	103.00	C11583	1.00	0.069	wispy carb v's, 1% py		
BG11-159	103.00	104.00	C11584	1.00	<.03	prev		
BG11-159	104.00	105.00	C11585	1.00	<.03	prev		
BG11-159	105.00	105.90	C11586	0.90	<.03	bleached, slip 105.2 30 deg TCA, min py		
BG11-159	**105.90**	**106.90**	**C11587**	**1.00**	**0.891**	**hem zone, micro frac, carb, 2-10% py**		
BG11-159	106.90	108.00	C11589	1.10	0.137	bleached min py		
BG11-159	108.00	109.00	C11591	1.00	0.480	bleached, 1-2% py		
BG11-159	109.00	110.00	C11592	1.00	<.03	blocky, min py		
BG11-159	110.00	111.00	C11593	1.00	<.03	epidote clots, min py		
BG11-159	111.00	112.50	C11594	1.50	<.03	epidote clots, min py		
BG11-159	112.50	114.00	C11595	1.50	<.03	blocky, min py in carb v's		
BG11-159	114.00	115.10	C11596	1.10	<.03	blocky, 1% py		
BG11-159	115.10	115.80	C11597	0.70	<.03	gouge 115.45m, 10-15 deg TCA, 1% py		
BG11-159	115.80	116.80	C11598	1.00	<.03	min py in carb v's		
BG11-159	116.80	118.00	C11599	1.20	0.069	dissem py, 1-2%, clots of epidote		
BG11-159	118.00	119.00	C11600	1.00	<.03	dissem py, 1-2%, clots of epidote		
BG11-159	119.00	120.00	C11601	1.00	<.03	inc carb v's, py in v's, 1-5%		
BG11-159	120.00	121.00	C11602	1.00	<.03	min py in carb v's		
BG11-159	121.00	122.00	C11603	1.00	<.03	1-2% py in v's, gouge at 121.2m, 30 deg TCA		
BG11-159	122.00	123.00	C11604	1.00	<.03	blocky, min py		
BG11-159	123.00	124.00	C11605	1.00	<.03	50% blocky, min py		
BG11-159	124.00	125.00	C11606	1.00	<.03	some bleachin, 1-2% py		
BG11-159	125.00	126.00	C11607	1.00	<.03	blocky, 1% py		
BG11-159	126.00	127.00	C11608	1.00	<.03	1-2% py in v's		
BG11-159	127.00	128.00	C11609	1.00	<.03	1-2% py in v's		
BG11-159	128.00	129.00	C11610	1.00	<.03	prev		
BG11-159	129.00	130.00	C11611	1.00	0.069	1-3% infilling		
BG11-159	130.00	131.00	C11612	1.00	0.137	wispy carb v's, low angle		
BG11-159	131.00	132.00	C11613	1.00	<.03	wispy carb v's, low angle		
BG11-159	132.00	133.00	C11614	1.00	0.069	prev		
BG11-159	133.00	134.00	C11616	1.00	0.069	wispy carb v's, low angle		
BG11-159	134.00	134.60	C11617	0.60	0.137	slip, 134.23m, 30 deg TCA, some bleaching, 1-2% py		
BG11-159	134.60	135.40	C11618	0.80	<.03	inc alteration, inc dissem py, 1-3%		
BG11-159	135.40	136.30	C11619	0.90	0.274	wispy carb v's, low angle		
BG11-159	136.30	137.30	C11620	1.00	<.03	wispy carb v's, low angle		
BG11-159	137.30	138.00	C11621	0.70	<.03	inc alteration, min py		
BG11-159	138.00	138.70	C11622	0.70	<.03	gouge 138.28m 20 deg TCA, min py		
BG11-159	138.70	139.70	C11623	1.00	<.03	inc carb v's, min bleaching, min py		
BG11-159	139.70	140.80	C11624	1.10	<.03	wispy carb v's, low angle		
BG11-159	140.80	142.00	C11625	1.20	<.03	wispy carb v's, low angle		
BG11-159	142.00	143.00	C11626	1.00	<.03	carb in matrix, carb v's along axis, min py		
BG11-159	143.00	144.00	C11627	1.00	<.03	carb in matrix, carb v's along axis, min py		
BG11-159	144.00	145.00	C11628	1.00	<.03	prev		
BG11-159	145.00	146.00	C11629	1.00	<.03	micro frac, chl infilling, min py		
BG11-159	146.00	147.00	C11630	1.00	<.03	blocky, pink carb		
BG11-159	147.00	148.00	C11631	1.00	<.03	prev, gouge 147.7m 10-20 deg TCA		
BG11-159	148.00	149.00	C11632	1.00	<.03	wispy carb v's, low angle		
BG11-159	149.00	150.00	C11633	1.00	<.03	wispy carb v's, low angle, blocky		

Hole_ID	From	To	Sample_#	Length	Au ppm	Description	Au ppm_ck	Au ppm-ck2
BG11-159	150.00	151.00	C11634	1.00	<.03	wispy carb v's, low angle, blocky		
BG11-159	151.00	152.00	C11635	1.00	<.03	prev		
BG11-159	152.00	153.00	C11636	1.00	<.03	min bleaching, 1-2% dissem py, micro frac		
BG11-159	153.00	154.00	C11637	1.00	<.03	inc carb, min frac		
BG11-159	154.00	155.00	C11638	1.00	<.03	low angle wispy carb v's, micro frac		
BG11-159	155.00	156.00	C11639	1.00	<.03	micro frac, chl infilling, min py		
BG11-159	156.00	157.00	C11641	1.00	<.03	slip 156m 10-20 deg TCA, micro frac		
BG11-159	157.00	158.30	C11642	1.30	<.03	min carb v's 30-40 deg TCA		
BG11-159	158.30	159.00	C11643	0.70	<.03			
BG11-159	159.00	160.50	C11644	1.50	<.03	min bleaching, carb v's 10-20 deg TCA, min py		
BG11-159	160.50	162.00	C11645	1.50	<.03	prev		
BG11-159	162.00	163.50	C11646	1.50	<.03			
BG11-159	163.50	165.00	C11647	1.50	<.03	low angle wispy carb v's, micro frac		
BG11-159	165.00	166.00	C11648	1.00	<.03	prev		
BG11-159	166.00	167.50	C11649	1.50	<.03	low angle wispy carb v's, min py		
BG11-159	167.50	169.00	C11650	1.50	<.03	low angle wispy carb v's, min py		
BG11-159	169.00	169.80	C11651	0.80	<.03	low angle wispy carb v's, min py		
BG11-159	169.80	171.30	C11652	1.50	<.03	fault along axis 170-170.3m, pink-carb flood 169.9-171.2m		
BG11-159	171.30	172.40	C11653	1.10	<.03	pink carb v 10-15 deg TCA, micro frac, fault gouge 171.6-172m 10-20 deg TCA		
BG11-159	172.40	173.00	C11654	0.60	<.03	bleached, micro frac, low angle carb v's, carb matrix, min py		
BG11-159	173.00	174.00	C11655	1.00	<.03	micro frac, low angle carb v's, carb matrix, min py, very altered		
BG11-159	174.00	175.00	C11656	1.00	<.03	inc breccia, hem, min py		
BG11-159	175.00	176.00	C11657	1.00	<.03	micro frac, low angle carb v's, carb matrix, 1-2% py, very altered		
BG11-159	176.00	177.00	C11658	1.00	<.03	dec frac, min py		
BG11-159	177.00	178.00	C11659	1.00	0.069	spec hem in carb v's, min py in carb v's		
BG11-159	178.00	179.00	C11660	1.00	<.03	spec hem in carb v's, min py in carb v's		
BG11-159	179.00	180.00	C11661	1.00	<.03	prev, 1-2% py		
BG11-159	180.00	181.00	C11662	1.00	<.03	spec hem in carb v's, min py in carb v's		
BG11-159	181.00	182.00	C11663	1.00	<.03	low angle qtz-dol, spec hem, min py		
BG11-159	182.00	183.00	C11664	1.00	<.03	min frac, late carb v's with spec hem 20-30 deg TCA		
BG11-159	183.00	184.00	C11666	1.00	<.03	bleached, 1-2% py		
BG11-159	184.00	185.00	C11667	1.00	<.03	bleached, qtz-carb v 184.1m 35-40 deg TCA, spec hem		
BG11-159	185.00	186.00	C11668	1.00	<.03	wormy, qtz-dol veining, min bleaching, 1% py		
BG11-159	186.00	187.00	C11669	1.00	<.03	bleached, micro frac, low angle carb v's, carb matrix, min py infilling		
BG11-159	187.00	188.00	C11670	1.00	<.03	min qtz-dol-ank v's, spec hem, min py		
BG11-159	188.00	189.00	C11671	1.00	<.03	spec hem in carb v's, min py in carb v's, min qtz-dol flooding		
BG11-159	189.00	190.00	C11672	1.00	<.03	low angle qtz-dol, spec hem, min py		
BG11-159	190.00	191.00	C11673	1.00	<.03	spec hem in carb v's, min py in carb v's		
BG11-159	191.00	192.00	C11674	1.00	<.03	min infilling py in carb v's, micro frac, wormy, qtz-dol-ank, hem, bleached		
BG11-159	192.00	193.00	C11675	1.00	<.03	bleached, min wispy qtz-dol, min py		
BG11-159	193.00	194.00	C11676	1.00	<.03	bleached, min wispy qtz-dol, min py		
BG11-159	194.00	195.00	C11677	1.00	<.03	min wispy qtz-dol, carb,min py		
BG11-159	195.00	196.00	C11678	1.00	<.03	min wispy qtz-dol, carb,min py		
BG11-159	196.00	197.00	C11679	1.00	<.03	spec hem in carb v's, min py in carb v's		
BG11-159	197.00	198.00	C11680	1.00	<.03	min wispy carb v's, hem, min py		
BG11-159	198.00	199.00	C11681	1.00	<.03	spec hem in carb v's, min py in carb v's		
BG11-159	199.00	200.00	C11682	1.00	<.03	0-10 deg carb v's, spec hem, min py		
BG11-159	200.00	201.00	C11683	1.00	<.03	spec hem, min py		
BG11-159	201.00	202.00	C11684	1.00	<.03	carb v 201.1-201.13m 45 deg TCA, bleached		
BG11-159	202.00	203.00	C11685	1.00	<.03	spec hem in pink carb v's		
BG11-159	203.00	203.80	C11686	0.80	<.03	spec hem, min py		
BG11-159	203.80	204.40	C11687	0.60	<.03	spec hem, min py		

Hole_ID	From	To	Sample_#	Length	Au ppm	Description	Au ppm_ck	Au ppm-ck2
BG11-159	204.40	205.00	C11688	0.60	<.03	bleached, micro frac, 1-2% py, spec hem		
BG11-159	205.00	206.00	C11690	1.00	<.03	pink carb v 10-15 deg TCA		
BG11-159	206.00	207.00	C11691	1.00	<.03	spec hem, min py		
BG11-159	207.00	208.00	C11693	1.00	<.03	flood of qtz-dol 207.7-208m, bleached, min py		
BG11-159	208.00	209.00	C11694	1.00	<.03	low angle carb v's, min py		
BG11-159	209.00	210.00	C11695	1.00	<.03	low angle carb v's, min py, hem		
BG11-159	210.00	211.00	C11696	1.00	<.03	min wispy carb v's, hem, min py		
BG11-159	211.00	212.00	C11697	1.00	<.03	min wispy carb v's, hem, min py		
BG11-159	212.00	213.00	C11698	1.00	<.03	aphanitic, min wispy carb v's, min py		
BG11-159	213.00	214.00	C11699	1.00	<.03	aphanitic, min wispy carb v's, min py		
BG11-159	214.00	215.00	C11700	1.00	<.03	aphanitic, min wispy carb v's, min py		
BG11-159	215.00	216.00	C11701	1.00	<.03	gouge 215.3-215.4m, 20 deg TCA, micro frac, chl		
BG11-159	216.00	216.50	C11702	0.50	<.03	bleached, micro frac,		
BG11-159	216.50	217.50	C11703	1.00	<.03	bleached, micro frac,		
BG11-159	217.50	218.40	C11704	0.90	<.03	fault-gouge, 217.8- 217.85m, 20 deg TCA		
BG11-159	218.40	219.50	C11705	1.10	<.03	min low angle carb v's, min py		
BG11-159	219.50	221.00	C11706	1.50	<.03	prev		
BG11-159	221.00	222.50	C11707	1.50	<.03	gouge 221.13-221.18m, 30 deg TCA		
BG11-159	222.50	224.00	C11708	1.50	2.058	min wispy carb v's, hem, min py	1.509	2.606
BG11-159	224.00	225.50	C11709	1.50	<.03	min wispy carb v's, hem, min py		
BG11-159	225.50	227.00	C11710	1.50	<.03	min wispy carb v's, hem, min py		
BG11-159	227.00	228.50	C11711	1.50	<.03	min wispy carb v's, hem, min py		
BG11-159	228.50	230.00	C11712	1.50	<.03	min wispy carb v's, hem, min py, aphanitic		
BG11-159	230.00	231.50	C11713	1.50	<.03	low angle pink carb v's, min py		
BG11-159	231.50	233.00	C11714	1.50	<.03	low angle pink carb v's, min py		
BG11-159	233.00	234.50	C11715	1.50	<.03	prev, min hem		
BG11-159	234.50	236.00	C11716	1.50	<.03	prev, min hem		
BG11-159	236.00	237.50	C11718	1.50	<.03	prev, min hem		
BG11-159	237.50	239.00	C11719	1.50	<.03	prev, min hem		
BG11-159	239.00	240.50	C11720	1.50	<.03	feldspar in matrix, hem, min py		
BG11-159	240.50	242.00	C11721	1.50	<.03	feldspar in matrix, hem, min py		
BG11-159	242.00	243.00	C11722	1.00	<.03	feldspar in matrix, hem, min py		
BG11-159	243.00	244.00	C11723	1.00	<.03	pink carb v, along axis		
BG11-159	244.00	245.00	C11724	1.00	<.03	bleached, spec hem		
BG11-159	245.00	246.00	C11725	1.00	<.03	hem, min py		
BG11-159	246.00	247.50	C11726	1.50	<.03	spec hem, min py, blocky		
BG11-159	247.50	249.00	C11727	1.50	<.03	spec hem, min py, blocky		
BG11-159	249.00	250.00	C11729	1.00	<.03	spec hem, min py, blocky		
BG11-159	250.00	251.00	C11730	1.00	<.03	spec hem, min py, blocky; **EOH 251m**		
BG11-160	5.90	6.90	C09192	1.00	<.03	5.98m slip at 30 deg TCA with 3mm qtz-dol vn'ing + 6.35m contact trachyte-Arenite; 1% diss py in arenite matrix		
BG11-160	8.15	9.00	C09193	0.85	<.03	slip/shear 8.15 to 8.9m with feld + ser+chl alt'n with small black specs		
BG11-160	21.20	21.90	C09194	0.70	<.03	slip/shear from 21.2 to 29.1m at 15 to 20 deg TCA, 1 to 3cm wide orange-brown feld bands		
BG11-160	28.40	29.10	C09195	0.70	<.03	28.5 to 29m multiple qtz and qtz-dol vn's at 1mm to 0.5cm wide at 75 to 85 deg TCA		
BG11-160	40.40	41.00	C09196	0.60	<.03	conglmerate - trachyte contact		
BG11-160	48.20	48.70	C09198	0.50	<.03	40.4m slip with 3mm wide qtz-dol vn at 45 deg TCA		
BG11-160	54.90	55.40	C09199	0.50	<.03	55.06 to 55.2 75% white to pink-white qtz-carb and qtz dol t 55 deg TCA with ser+chl discordant with fol'n; tr py in qtz		
BG11-160	59.90	60.50	C09201	0.60	<.03	67.6 to 67.75m pink-white qtz-carb with chl margins at 45 deg TCA		
BG11-160	67.50	68.00	C09202	0.50	<.03	1.5cm wide qtz-carb vn at 50 to 55 deg TCA discordant to fabric fol'n		
BG11-160	70.00	70.50	C09203	0.50	<.03	two 2-3mm wide brittle frac's at 35 deg TCA almost perpendicular to fol'n fabric at 20-30 deg TCA		
BG11-160	72.20	73.10	C09204	0.90	<.03			

Hole_ID	From	To	Sample_#	Length	Au ppm	Description	Au ppm_ck	Au ppm-ck2
BG11-160	76.50	77.50	C09205	1.00	<.03	at 77 to 77.2m two qtz-dol vn's <0.25cm wide at 35 deg TCA, nearby py lens along shear-bedding slips, <1% py		
BG11-160	77.50	78.50	C09206	1.00	<.03	infill sample nearing FP contact		
BG11-160	78.50	80.00	C09207	1.50	<.03	infill sample nearing FP contact		
BG11-160	80.00	81.00	C09208	1.00	<.03	tr py in lens		
BG11-160	81.00	82.00	C09209	1.00	<.03	81.1 to 81.4m 20% bone white qtz vn'ing network at 25 to 30 deg TCA; negl py		
BG11-160	82.00	83.50	C09210	1.50	<.03	5-10% bone white qtz in weak frac'ing		
BG11-160	83.50	84.00	C09211	0.50	<.03	83.75 to 84m two parallel frac's at 10 deg TCA with spec hem; flt at 84m with cataclasite at 40-45 deg TCA + ser alt'n; tr py; 83.75 Cngl-FP contact		
BG11-160	84.00	85.00	C09212	1.00	<.03	10-15% grey-grey black qtz vn'ing in FP; tr diss py in matrix; spec hem oxy'd alt'n gives indian red-brown colour		
BG11-160	85.00	86.50	C09213	1.50	<.03	as above; 85.38 to 85.5m black qtz		
BG11-160	86.50	87.60	C09214	1.10	<.03	86.66 to 87.5m 85% black qtz + moderate stress frac's at predominantly 20 deg TCA with bone white qtz; tr diss py in black qtz;		
BG11-160	87.60	89.00	C09215	1.40	<.03	FP, unaltered; tr diss py in matrix		
BG11-160	100.30	101.50	C09216	1.20	<.03	three - parallel widely spaced frac's healed with black qtz at 15 deg TCA; negl py		
BG11-160	113.90	115.00	C09217	1.10	<.03	113.9-118.2m moderate brittle frac'ing with transparent to white qtz healing in vn'lets at 45 and 0 deg TCA up to 1cm wide, fg py along some vn margins+spec hem in other vn's;		
BG11-160	115.00	115.50	C09218	0.50	<.03	as described in 113.9 to 115m		
BG11-160	115.50	116.60	C09219	1.10	<.03	as described in 113.9 to 115m		
BG11-160	116.60	117.30	C09220	0.70	<.03	as described in 113.9 to 115m; 116.75 to 117m 1 cm wide qtz vn at 0 deg TCA with 1-3% fg py on margins		
BG11-160	117.30	118.20	C09222	0.90	<.03	as described in 113.9 to 115m		
BG11-160	124.30	125.30	C09223	1.00	0.069	weak grey white qtz vn'lets; negl py		
BG11-160	131.90	132.50	C09224	0.60	<.03	132.24m flt-slip at 45 deg TCA adjacent qtz vn 1cm wide with ser+chl margins; other white qtz vn'ing; tr py		
BG11-160	132.50	133.50	C09226	1.00	<.03	132.9 to 133.2m hairline frac's at 45 and 20 deg TCA with 1% fg py; weak hairline frac'ing from 132.7 to 133.5m		
BG11-160	133.50	134.20	C09227	0.70	<.03	three late qtz vn's at 10 deg TCA at 0.5 to 0.75 cm wide; weak hairline frac'ing near 133.5m		
BG11-160	151.60	152.10	C09228	0.50	<.03	151.8 to 151.9m weak hairline frac' s at 40 deg TCA with weak ser		
BG11-160	153.00	153.80	C09229	0.80	<.03	153 to 154.4m weak to mod brittle hairline frac'ing at 50 to 65 deg TCA with qtz+dol vn'ing + ser+ chl; negl py		
BG11-160	153.80	154.50	C09230	0.70	<.03	as above		
BG11-160	155.55	156.30	C09231	0.75	<.03	155.6 to 155.7m weak brittle frac'ing with qtz-dol vn'lets + chl; negl py		
BG11-160	156.90	157.50	C09232	0.60	<.03	157.2m slip with adjacent 4cm wide qtz vn at 30 deg TCA		
BG11-160	163.80	164.50	C09233	0.70	<.03	164 to 164.1m flt-slip at 25 deg TCA with ser+chl+qtz-dol vn'ing; negl py; minor spec hem		
BG11-160	166.80	167.80	C09234	1.00	<.03	weak to mod brittle frac'ing with 5-8% qtz-dol vn'ing with 3-7% spec hem; tr py		
BG11-160	183.90	185.05	C09235	1.15	<.03	0 deg TCA 0.5 cm wide qtz-dol vn'ing and at 20 deg TCA		
BG11-160	187.30	187.80	C09236	0.50	<.03	187.7m frac-slips at 75 deg TCA with ser+ 2 cm wide qtz-dol vn		
BG11-160	194.20	195.00	C09237	0.80	<.03	slip at 10 deg TCA with 5-10% adjacent qtz-ank vn'ing+ weak ser; negl py		
BG11-160	195.60	196.50	C09238	0.90	<.03	195.6 to 196m slip with ser at 0 to 15 deg TCA with 15-20% porcelain white stress vn'lets at 55 deg TCA		
BG11-160	197.90	198.70	C09239	0.80	<.03	198.5 to 198.5 m flt at 30 deg TCA with qtz-dol+chl + ser + sutrrounding stress frac's with qtz -dol vn'let's		
BG11-160	209.10	210.20	C09240	1.10	<.03	209.1-209.25m weak slips at 70-75 deg TCA with ser and adjacent qtz-dol; 209.5-210.2m 0-5 deg TCA slip ser		
BG11-160	213.20	214.00	C09241	0.80	0.069	10-15% white-grey qtz near brittle frac-slips at 45 to 50 deg TCA with <1 fg py and small specks of mo? (dark metallic mineral)		
BG11-160	215.00	216.00	C09242	1.00	<.03	widely spaced occasional qtz vn'ing 50-55 deg TCA <0.25 cm wide		
BG11-160	217.20	218.00	C09243	0.80	<.03	217.25 to 217.5m mod slip at 15 deg TCA with ser+minor chl with adjacent qtz vn'ing <4mm wide tr py + specks of mo?; mod perv ser alt'n in matrix		
BG11-160	218.00	218.70	C09244	0.70	<.03	weak brittle frac'ing; at 218.6m 1cm wide at 45 deg TCA with specks of mo? and 1-2% py; mod perv ser alt'n in matrix		
BG11-160	220.60	221.40	C09245	0.80	<.03	two 3mm wide grrey qtz vn's at 75 to 85 deg TCA with 3-5% py on margins; weak perv ser alt'n in matrix		

Hole_ID	From	To	Sample_#	Length	Au ppm	Description	Au ppm_ck	Au ppm-ck2
BG11-160	222.50	223.50	C09247	1.00	<.03	222.5 to 223.5 m 0 deg TCA slip with ser+adjacent qtz-dol vn, tr py;		
BG11-160	223.50	224.40	C09248	0.90	<.03	two 0.1 to 1cm wide qtz-dol vn's at 20 deg TCA adjacent to ser slips		
BG11-160	224.40	225.20	C09249	0.80	<.03	224.8 - 224.9m slip-flt at 25 deg TCA with ser; at 225m 3.5cm wide pearl white qtz and 1- 0.1 to 0.75cm wide qtz vn with mo?, specks		
BG11-160	226.30	226.80	C09250	0.50	<.03	10% qtz dol vn'ing ; negl py		
BG11-160	230.40	231.00	C09251	0.60	<.03	230.6 to 230.7m slip-frac at 25 deg TCA with porcelain white qtz and ser+chl		
BG11-160	245.50	246.00	C09253	0.50	0.069	6 qtz and porcelain white qtz-dol vn'ing 2-3mm wide at 55 to 65 deg TCA; small black mineral specks <1%		
BG11-160	248.60	249.10	C09254	0.50	<.03	weak brittle frac'ing; qtz+qtz-dol vn;ing; tr py		
BG11-160	251.30	252.16	C09255	0.86	<.03	251.8 to 252.16m three slips at 70, 45 and 20 deg TCA with ser and assoc 0.1 to 0.4cm wide qtz-dol vn'ing; negl py; 251.1m 1 cm wide qtz-dol vn'ing 0 deg TCA		
BG11-160	259.70	260.80	C09256	1.10	<.03	259.8-260.2 mutli-hairline frac's at 65 to 75 deg TCA with qtz-dol+spec hem with a small splash of cpy in frac and late 0 deg TCA white-pearl qtz-dol 1 to 2 cm wide;		
BG11-160	268.80	269.80	C09257	1.00	<.03	268.8 to 269m hairline frac's at 80 deg TCA with spec hem +qtz-dol, 269.45 to 269.5m qtz-dol with splash spec hem		
BG11-160	271.40	272.00	C09258	0.60	<.03	271.4 to 271.6m slip and slip-flt at 75 and 35 deg TCA, at 271.5m slip-flt with ser+1.5cm orthoclase feld band+ 1cm wide grey qtz adjacent to 35 deg slip-fault with <1% spec hem+fg py; remainder of sample perv ser alt'n in network hairline frac'ing+ weak pale brown red mtrix - spec hem oxidized alt'n		
BG11-160	272.00	273.00	C09259	1.00	<.03	mod slip-frac's at 0 to 5 deg TCA with perv ser alt'n in micro-network frac'ing; 10-15% qtz-dol vn'ing at 0 to 5 deg TCA		
BG11-160	275.70	276.40	C09260	0.70	<.03	275.95 to 276.3m 3 - white qtz vn's at 75 to 85 deg TCA with splash of spec hem + tr fg py up to 3cm wide; mod frac'ing at 55 to 65 deg TCA with weak perv ser alt'n in hairline frac's		
BG11-160	282.70	284.00	C09261	1.30	<.03	weak brittle hairline frac'ing at 35 to 55 deg TCA with 10-15% qtz-dol vn'lets		
BG11-160	291.00	291.50	C09262	0.50	<.03	291.2 to 291.4m slips at 40 and 70-80 deg TCA with adjacent qtz vn's+ser		
BG11-160	292.80	293.70	C09263	0.90	<.03	slip at 0 -5 deg TCA ser+qtz-dol vn'ing adjacent to		
BG11-160	301.50	303.00	C09264	1.50	<.03	widely spaced slips at 35 and 0 deg TCA with mod perv ser alt'n; negl py; 5% qtz-ank vn'ing		
BG11-160	303.00	303.90	C09265	0.90	<.03	as above		
BG11-160	303.90	304.80	C09266	0.90	<.03	as above		
BG11-160	310.10	311.20	C09267	1.10	<.03	15-20% discontinuous vn'ing at 0 to 5 deg TCA with 3-5% spec hem; brittle frac's at 35 to 40 deg TCA		
BG11-160	318.80	320.00	C09268	1.20	<.03	10-15% occasional qtz - dol vn'ing at 35 to 45 deg TCA tr py at 1 to 3cm wide		
BG11-160	320.00	321.00	C09269	1.00	<.03	as above but vn'ing up to 1cm wide		
BG11-160	325.50	326.00	C09270	0.50	<.03	325.52m fault-slip 0.5cm wide qtz-dol+chl at 30 deg TCA		
BG11-160	328.70	329.40	C09271	0.70	<.03	328.9 to 329.2m 25% qtz vn'ing, tr fg py		
BG11-160	332.00	332.60	C09272	0.60	<.03	332.1 to 332.6m 20-25% qtz vn'ing at 45 deg TCA; tr py		
BG11-160	338.30	338.90	C09273	0.60	<.03	338.3 to 338.65 m slip-fault at 10 deg TCA with ser+adjacent qtz-dol vn 0.5 to 1.5cm wide with tr fg py		
BG11-160	339.60	340.10	C09274	0.50	<.03	339.75m 1.1 cm wide qtz vn with tr fg py at 40 deg TCA		
BG11-160	350.00	351.00	C09275	1.00	<.03	350.3 to 354.4m 5 to 30% translucent qtz vn'ing up to 26cm wide with <1% cpy+ <1% py+ tr spec hem in qtz vn'ing at predominantly 65 to 85 deg TCA		
BG11-160	351.00	352.00	C09277	1.00	<.03	as described in 350 to 351m		
BG11-160	352.00	352.70	C09278	0.70	<.03	as described in 350 to 351m		
BG11-160	352.70	353.30	C09279	0.60	<.03	as described in 350 to 351m; 26 cm wide qtz vn at 75 to 80 deg TCA, tr spec hem+tr fg py		
BG11-160	353.30	354.00	C09281	0.70	<.03	as described in 350-351m;		
BG11-160	354.00	355.50	C09282	1.50	<.03	perv weak to mod ser+chl in micro-non-penetrative frac'ing; tr py+spec hem		
BG11-160	355.50	356.40	C09283	0.90	<.03	as above; 356 to 356.2m two slips with ser at 25 deg TCA with 3cm wide qtz-dol vn in between slips		
BG11-160	356.40	357.40	C09284	1.00	<.03	perv weak to mod ser+chl in micro-non-penetrative frac'ing; tr py+spec hem		
BG11-160	357.40	358.40	C09285	1.00	<.03	perv weak to mod ser+chl in micro-non-penetrative frac'ing; tr py+spec hem; 5-10% late qtz vn'ing		
BG11-160	358.40	359.20	C09286	0.80	<.03	as above		
BG11-160	361.40	362.30	C09287	0.90	<.03	361.5m 1cm wide qtz vn at 30 deg TCA + other <0.2 cm wide qtz vnlets at 75 to 85 deg TCA		
BG11-160	368.00	369.00	C09288	1.00	0.206	368 to 373.95m start of red oxy'd colour of FP matrix up to Arenite contact at 373.95m; 5 to 20% brittle frac'ing healed with qtz+dol+chl+ <1% spec hem and tr py		
BG11-160	369.00	370.00	C09289	1.00	<.03	as described in 368 to 369m		
BG11-160	370.00	371.00	C09290	1.00	<.03	as described in 368 to 369m		

Hole_ID	From	To	Sample_#	Length	Au ppm	Description	Au ppm_ck	Au ppm-ck2
BG11-160	371.00	372.00	C09291	1.00	<.03	as described in 368 to 369m		
BG11-160	372.00	373.40	C09292	1.40	<.03	as described in 368 to 369m		
BG11-160	373.40	374.10	C09293	0.70	<.03	as described in 368 to 369m; at 373.95m sharp contact FP-Arenite at 40 to 45 deg TCA; fro 373.95 to 374.1m two slips at 60 deg TCA with 20% qtz-ank vn'ing in between , tr py		
BG11-160	374.10	375.00	C09294	0.90	<.03	no observable py		
BG11-160	376.10	376.60	C09295	0.50	<.03	376.33 to 376.4m fault healed with qtz+dol+chl at 70 deg TCA; tr py		
BG11-160	377.70	378.20	C09296	0.50	<.03	377.8 to 377.93m 30 deg TCA slip with 0.25 cm wide qtz-dol vn		
BG11-160	382.20	383.50	C09297	1.30	<.03	30% qtz-dol vn'ing occurances at predominantly 35 to 65 deg TCA with brittle frac'ing with qtz; tr py; up to 2 cm wide vn's; tr black mineral (spec hem or galena?)		
BG11-160	384.40	385.00	C09298	0.60	<.03	384.4 to 384.7m 40% qtz-dol vn'ing at 35 to 45 deg TCA up to 1.5 cm wide vn's		
BG11-160	386.80	387.60	C09299	0.80	<.03	25% qtz-dol vn'ing		
BG11-160	387.60	388.30	C09300	0.70	<.03	387.6 to 387.7m 0 deg TCA slip with adjacent grey vein 2.5 cm wide at 0 deg TCA with fg py and possible tr cpy		
BG11-160	398.70	399.35	C09301	0.65	<.03	20% qtz - dol vn'ing adjacent to 0 to 5 deg slips with ser		
BG11-160	401.00	401.50	C09302	0.50	<.03	401.1 to 401.3m fault slips at 55 deg TCA with 5cm wide black qtz with rounded bx; negl py; ser on margins		
BG11-160	406.40	406.90	C09303	0.50	<.03	406.63m 1.5cm wide qtz+chl+ser vn along with slips at 35 deg TCA		
BG11-161	14.40	16.00	C11261	1.60	<.03	blocky, wispy carb v's, epidote in matrix, hem		
BG11-161	16.00	17.50	C11262	1.50	0.343	blocky, wispy carb v's, epidote in matrix, hem, 1% py		
BG11-161	17.50	19.00	C11263	1.50	<.03	prev		
BG11-161	19.00	20.00	C11264	1.00	0.206	prev min py		
BG11-161	**20.00**	**20.70**	**C11265**	**0.70**	**9.875**	**.5cm py seam 20.1m, leucox, 1-5% py**	**10.697**	**9.052**
BG11-161	**20.70**	**21.40**	**C11266**	**0.70**	**23.006**	**silicious, 5-20% py at 21-21.4m**	**24.343**	**21.669**
BG11-161	**21.40**	**22.00**	**C11268**	**0.60**	**32.778**	**bleached, silicious, py in min seams and dissem, 2-10%**	**41.555**	**24.000**
BG11-161	22.00	22.60	C11269	0.60	0.343	1-2% py in carb v's		
BG11-161	22.60	23.10	C11270	0.50	3.120	**py seam 20-25%, 22.95-23.0m, 85 deg TCA,**	3.017	3.223
BG11-161	23.10	23.60	C11272	0.50	2.091	pink carb v 23.31-23.35m, py band, .5cm 5-15% py	1.851	2.331
BG11-161	23.60	24.40	C11273	0.80	0.069	min carb v's 3-5mm, 50-60 deg TCA, min py		
BG11-161	24.40	25.50	C11274	1.10	<.03	wispy epidote, carb v's, min py		
BG11-161	25.50	26.50	C11276	1.00	<.03	wispy high angle carb v's, min py, hem		
BG11-161	26.50	27.10	C11277	0.60	<.03	prev		
BG11-161	27.10	27.60	C11278	0.50	0.891	**micro frac, bleached at 27.19-27.25m 10-15 % py**		
BG11-161	27.60	28.20	C11279	0.60	<.03	wispy carb v's, min py, hem		
BG11-161	28.20	29.00	C11280	0.80	<.03	min py		
BG11-161	29.00	29.70	C11281	0.70	<.03	wispy carb v's, min py, hem		
BG11-161	29.70	30.20	C11282	0.50	<.03	**hem section, 27.8-30.0m, 5-10% py**		
BG11-161	30.20	31.00	C11283	0.80	<.03	chl, min wispy carb v's		
BG11-161	31.00	31.70	C11284	0.70	3.051	py seam 31.1-31.15m, 5-15%	2.33	3.77
BG11-161	31.70	32.50	C11285	0.80	0.206	wispy carb v's, min seams, 1-2% py		
BG11-161	32.50	33.50	C11286	1.00	0.069	wispy carb v's, min seams, 1-2% py		
BG11-161	33.50	34.50	C11287	1.00	0.069	wispy carb v's, min py, hem		
BG11-161	34.50	35.10	C11288	0.60	0.411	**bleached, silicious 34.8-34.95m, 5-10% py**		
BG11-161	35.10	36.00	C11289	0.90	<.03	low angle carb v's, min py		
BG11-161	36.00	36.60	C11290	0.60	0.137	gouge 36.41m, 35 deg TCA, min py		
BG11-161	**36.60**	**37.10**	**C11291**	**0.50**	**0.960**	**high to low angle carb v's, min py, hem**		
BG11-161	**37.10**	**37.70**	**C11292**	**0.60**	**0.617**	**micro frac, hem, silicious 37.4-37.66m, 5-10% py**		
BG11-161	37.70	38.70	C11294	1.00	0.069	epidote v's 90 deg TCA, min py		
BG11-161	38.70	39.70	C11295	1.00	0.206	epidote v's 90 deg TCA, min py		
BG11-161	39.70	41.00	C11296	1.30	<.03	epidote v's 90 deg TCA, min py		
BG11-161	41.00	42.00	C11297	1.00	0.274	inc epidote in matrix, min py		
BG11-161	42.00	43.00	C11298	1.00	0.069	prev		
BG11-161	43.00	44.00	C11299	1.00	0.343	prev		

Hole_ID	From	To	Sample_#	Length	Au ppm	Description	Au ppm_ck	Au ppm-ck2
BG11-161	44.00	45.00	C11300	1.00	0.206	prev		
BG11-161	45.00	45.50	C13001	0.50	0.137	1-2% dissem py		
BG11-161	45.50	46.10	C13002	0.60	1.509	qtz-carb flood, 45.6-45.8, py seams .5cm, 5-8% py	1.577	1.440
BG11-161	46.10	47.00	C13003	0.90	0.206	hem, leucox, min py		
BG11-161	47.00	48.00	C13004	1.00	0.069	qtz-dol v 47.5-47.65m 10-15 deg TCA, 1-2cm wide, epidote in matrix, min py, blocky, hem		
BG11-161	48.00	48.60	C13005	0.60	<.03	silica flood, 48-48.55m, 1-5% py		
BG11-161	48.60	49.40	C13006	0.80	<.03	epidote v's, py infill, 1%		
BG11-161	49.40	50.50	C13007	1.10	0.206	blocky, leucox, epidote v's, hem,1-2% py, **magnetic starts at 50.0m**		
BG11-161	50.50	52.00	C13008	1.50	0.137	inc hem, min epidote v's		
BG11-161	52.00	53.00	C13009	1.00	<.03	min carb v's, min cpy, py		
BG11-161	53.00	54.50	C13010	1.50	0.274	grey-white qtz-dol v, 53.95-54.05m, 30 deg TCA, min py		
BG11-161	54.50	56.00	C13011	1.50	0.274	low angle qtz-dol v's, min py		
BG11-161	56.00	57.50	C13012	1.50	0.274	wispy carb v's, hem, min py		
BG11-161	57.50	59.00	C13013	1.50	<.03	wispy carb v's, hem, min py, blocky, min pink carb v's		
BG11-161	59.00	60.50	C13014	1.50	<.03	leucox, epidote gone, min qtz-dol v's 40 deg TCA, 1-4mm		
BG11-161	60.50	62.00	C13015	1.50	0.069	gouges 61.28m 50 deg TCA; 61.4-61.42m 30 deg TCA, min py		
BG11-161	62.00	63.00	C13016	1.00	<.03	low angle pink carb v, wispy, min py		
BG11-161	63.00	63.90	C13017	0.90	<.03	numerous slips through section, 30-50 deg TCA, chl, min py		
BG11-161	63.90	64.50	C13019	0.60	<.03	**gouge 63.82-64.1m 35 deg TCA, contact Diorite-Bimodal FP 64.1m MAIN BREAK**		
BG11-161	64.50	65.50	C13020	1.00	<.03	gouge 65.5M, 35 deg TCA, chl, carb, min py		
BG11-161	65.50	66.50	C13021	1.00	<.03	gouge 66.02-66.06m, 30 deg TCA, min py		
BG11-161	66.50	67.60	C13022	1.10	<.03	chl, min py		
BG11-161	67.60	68.60	C13023	1.00	<.03	chl, min py		
BG11-161	68.60	69.40	C13024	0.80	0.411	contact bi mod fp- dior 68.6-69m, 69.6-69.4m 3-5% dissem py		
BG11-161	69.40	70.00	C13025	0.60	<.03	min py		
BG11-161	70.00	70.50	C13026	0.50	0.274	3-5% py in carb v 70.01-70.03m		
BG11-161	70.50	71.20	C13027	0.70	0.411	blocky, seams of py 3-5% at 70.7m		
BG11-161	71.20	72.00	C13028	0.80	<.03	epi v's, all angles, blocky, hem, spec hem		
BG11-161	72.00	73.00	C13030	1.00	<.03	epidote, blocky, hem, min py		
BG11-161	73.00	74.00	C13031	1.00	<.03	epidote, blocky, hem, min py		
BG11-161	74.00	75.00	C13032	1.00	<.03	leucox, inc qtz-dol v's, high angle, min py		
BG11-161	75.00	76.00	C13033	1.00	<.03	min v's, min py		
BG11-161	76.00	76.50	C13034	0.50	<.03	epidote, blocky, hem, min py		
BG11-161	76.50	77.00	C13035	0.50	0.137	**py seams at 76.7-76.76m, 10-20% py**		
BG11-161	77.00	77.70	C13036	0.70	0.137	**series of py seams, within carb v's 10-20% py**		
BG11-161	77.70	78.30	C13038	0.60	<.03	leucox, min epi, carb v's, hem, min py		
BG11-161	78.30	79.00	C13039	0.70	0.411	blocky, hem, 1-2% py		
BG11-161	79.00	80.00	C13040	1.00	<.03	blocky, hem, 1-2% py		
BG11-161	80.00	81.00	C13041	1.00	<.03	blocky, hem, 1-2% py		
BG11-161	81.00	82.00	C13042	1.00	<.03	1-5% py infilling		
BG11-161	82.00	83.00	C13044	1.00	0.343	bleached, py infill, 3-5%		
BG11-161	**83.00**	**84.00**	**C13045**	**1.00**	**0.686**	**blocky, hem, min py**		
BG11-161	**84.00**	**85.00**	**C13046**	**1.00**	**0.754**	**hem, 1-2% py**		
BG11-161	85.00	86.00	C13047	1.00	0.206	pink-purple qtz-carb, 1% py		
BG11-161	86.00	87.00	C13048	1.00	<.03	pink-purple qtz-carb, 1% py		
BG11-161	87.00	88.00	C13049	1.00	<.03	leucox, prev		
BG11-161	88.00	89.00	C13050	1.00	<.03	inc leucox, purple-white carb v's, 2-5% py		
BG11-161	**89.00**	**90.00**	**C13051**	**1.00**	**0.960**	**min qtz v, grey-white 85 deg TCA, leucox, wispy carb v's, 1-2% py**		
BG11-161	90.00	91.00	C13052	1.00	0.206	leucox, wispy carb v's, min py		
BG11-161	91.00	92.00	C13053	1.00	0.343	min epi, carb v's, hem, min py		
BG11-161	92.00	93.00	C13054	1.00	0.411	min epi, carb v's, hem, min py		
BG11-161	93.00	94.00	C13055	1.00	<.03	bleached, 93.8-93.94m, 1-2% py infilling		

Hole_ID	From	To	Sample_#	Length	Au ppm	Description	Au ppm_ck	Au ppm-ck2
BG11-161	94.00	95.00	C13056	1.00	0.274	high angle epidote v's, late carb v's low angle, min py		
BG11-161	**95.00**	**95.90**	**C13057**	**0.90**	**0.823**	**high angle epidote v's, late carb v's low angle, min py; stope 95.9-97.8m**		
BG11-161	97.80	98.40	C13058	0.60	0.274	prev		
BG11-161	98.40	99.00	C13059	0.60	<.03	min py		
BG11-161	99.00	100.00	C13060	1.00	<.03	prev		
BG11-161	100.00	101.00	C13061	1.00	<.03	low angle carb v's, 1-2% py		
BG11-161	101.00	102.00	C13062	1.00	0.137	prev		
BG11-161	102.00	103.00	C13063	1.00	0.206	inc epidote, 1-2% py		
BG11-161	103.00	104.00	C13064	1.00	0.343	1-5% py, leucox, hem		
BG11-161	104.00	105.00	C13065	1.00	<.03	dec py, hem		
BG11-161	105.00	106.00	C13066	1.00	<.03	dec py, hem		
BG11-161	106.00	107.00	C13067	1.00	<.03	inc epidote, min py		
BG11-161	107.00	108.00	C13069	1.00	0.069	**seams, 107.32-107.34m, 107.38- 107.39, 10-15% py**		
BG11-161	108.00	109.00	C13070	1.00	<.03	low angle carb v, 108-108.2, 10-20 deg TCA		
BG11-161	109.00	110.00	C13071	1.00	<.03	pink carb-ank-chl v 0-5 deg TCA, 109.7-110m, min py		
BG11-161	110.00	111.00	C13072	1.00	<.03	fairly pristine dior, epi v's, min py		
BG11-161	111.00	112.00	C13073	1.00	<.03	fairly pristine dior, epi v's, min py		
BG11-161	112.00	113.00	C13074	1.00	<.03	prev		
BG11-161	113.00	114.00	C13075	1.00	<.03	1-2% dissem py, and in carb v's, leucox		
BG11-161	114.00	115.00	C13076	1.00	<.03	inc leucox, moly at 114.6m, inc carb in matrix, 1-2% py		
BG11-161	115.00	116.00	C13077	1.00	0.274	pink wispy carb v's, seam of py 115.03-115.06, 3-5% py		
BG11-161	116.00	117.00	C13078	1.00	<.03	prev, 1-2% py		
BG11-161	117.00	118.00	C13079	1.00	<.03	min py, hem		
BG11-161	118.00	119.00	C13080	1.00	<.03	inc epidote in matrix, min py, hem		
BG11-161	119.00	120.00	C13081	1.00	<.03	epi v's all angles		
BG11-161	120.00	121.00	C13082	1.00	<.03	dec epidote v's		
BG11-161	121.00	121.50	C13083	0.50	<.03	dec epidote v's, 1% py		
BG11-161	121.50	122.00	C13084	0.50	<.03	1-5% py on core surface, 121.7-121.79m, hem		
BG11-161	122.00	122.60	C13085	0.60	<.03	1-5% py infilling, low angle carb v's		
BG11-161	122.60	123.60	C13087	1.00	<.03	min py, hem		
BG11-161	123.60	124.90	C13088	1.30	<.03	min py, hem		
BG11-161	124.90	126.00	C13089	1.10	<.03	min seam of py 3-5%, leucox		
BG11-161	126.00	127.00	C13090	1.00	<.03	blocky, frac, leucox, min py		
BG11-161	127.00	128.00	C13091	1.00	0.411	leucox, 1-5% py		
BG11-161	128.00	129.00	C13092	1.00	0.343	leucox, 1-2% py		
BG11-161	129.00	129.60	C13094	0.60	1.200	carb flood 129.05-129.2m, 3-10% py, dissem	1.234	1.166
BG11-161	129.60	130.30	C13095	0.70	<.03	leucox, min py		
BG11-161	130.30	131.30	C13096	1.00	<.03	leucox, min py, carb flooding		
BG11-161	131.30	132.00	C13097	0.70	0.206	leucox, min py, carb flooding		
BG11-161	132.00	132.55	C13098	0.55	0.343	leucox, min py		
BG11-161	132.55	133.30	C13099	0.75	0.480	leucox, 5-20% py in carb v's and dissem		
BG11-161	133.30	134.00	C13101	0.70	<.03	dec v's, py		
BG11-161	134.00	135.00	C13102	1.00	<.03	dec v's, py		
BG11-161	135.00	136.00	C13103	1.00	<.03	dec v's, py		
BG11-161	136.00	137.00	C13104	1.00	0.206	dec v's, py		
BG11-161	137.00	138.00	C13105	1.00	<.03	dec v's, py		
BG11-161	138.00	139.00	C13106	1.00	<.03	wispy carb, min py		
BG11-161	139.00	140.00	C13107	1.00	<.03	1-2% py on core surface, cse		
BG11-161	140.00	141.00	C13108	1.00	0.411	**inc py in carb v's, epidote infilling, 3-5%**		
BG11-161	141.00	142.00	C13109	1.00	<.03	min py infills in carb, epidote v's		
BG11-161	142.00	143.00	C13110	1.00	<.03	low angle wispy carb v's, min py, min epidote v's		
BG11-161	143.00	144.00	C13111	1.00	<.03	low angle wispy carb v's, min py, min epidote v's		

Hole_ID	From	To	Sample_#	Length	Au ppm	Description	Au ppm_ck	Au ppm-ck2
BG11-161	144.00	145.00	C13112	1.00	<.03	leucox, low angle pink carb v's, min py		
BG11-161	145.00	146.00	C13113	1.00	<.03	min py, epidote v's		
BG11-161	146.00	147.00	C13114	1.00	<.03	min py, epidote v's		
BG11-161	147.00	147.60	C13115	0.60	1.200	2-5% py infilling, leucox	1.30	1.10
BG11-161	147.60	148.30	C13116	0.70	<.03	blocky, min v's, py, frac		
BG11-161	148.30	149.20	C13117	0.90	<.03	aphaniti, min v's		
BG11-161	149.20	150.00	C13119	0.80	<.03	dec v's, py		
BG11-161	150.00	151.00	C13120	1.00	<.03	dec v's, py		
BG11-161	151.00	152.00	C13121	1.00	<.03	dec v's, py		
BG11-161	152.00	153.00	C13122	1.00	<.03	dec v's, py		
BG11-161	153.00	154.00	C13123	1.00	<.03	min wispy v's carb		
BG11-161	154.00	155.00	C13124	1.00	<.03	prev		
BG11-161	155.00	156.00	C13125	1.00	<.03	prev		
BG11-161	156.00	157.00	C13126	1.00	<.03	min hem, py		
BG11-161	157.00	158.00	C13127	1.00	<.03	min hem, py		
BG11-161	158.00	159.00	C13128	1.00	<.03	1% py infilling, carb v's		
BG11-161	159.00	160.00	C13129	1.00	0.137	1-2% py in carb v's, min hem		
BG11-161	160.00	161.00	C13130	1.00	0.411	1-2% py in carb v's, min hem		
BG11-161	**161.00**	**162.00**	**C13131**	**1.00**	**17.760**	**1-2% dissem py**	**19.406**	**16.114**
BG11-161	**162.00**	**163.00**	**C13132**	**1.00**	**22.800**	**1-3% dissem py**	**20.434**	**25.166**
BG11-161	**163.00**	**164.00**	**C13133**	**1.00**	**6.309**	**inc sil, 1-3% py**	**6.720**	**5.897**
BG11-161	164.00	164.60	C13134	0.60	2.880	inc carb in matrix, 1-2% py	2.811	2.949
BG11-161	164.60	165.20	C13135	0.60	1.063	min py seams 35 deg TCA, leucox	1.166	0.960
BG11-161	165.20	166.00	C13136	0.80	<.03	leucox, inc carb, min py		
BG11-161	166.00	167.00	C13137	1.00	<.03	min wispy v's carb, dec epidote		
BG11-161	167.00	168.00	C13138	1.00	1.200	prev	1.371	1.029
BG11-161	168.00	169.00	C13139	1.00	<.03	min py seams, leucox, carb wisps		
BG11-161	169.00	170.00	C13140	1.00	0.411	min wispy v's carb		
BG11-161	170.00	171.00	C13141	1.00	1.269	leucox, carb wisps	1.303	1.234
BG11-161	171.00	172.00	C13142	1.00	0.069	carb flood 171.1-171.2m 40 deg TCA, leucox, 1-2% py; slip 171.2m 40 deg TCA		
BG11-161	172.00	173.00	C13144	1.00	<.03	leucox, wispy carb, min py		
BG11-161	**173.00**	**174.00**	**C13146**	**1.00**	**0.686**	**leucox, 1-2% py**		
BG11-161	**174.00**	**175.00**	**C13147**	**1.00**	**0.891**	**low angle carb v's, 1-2cm in width, 1-2% py**		
BG11-161	175.00	176.00	C13148	1.00	1.132	inc carb, leucox, bleached, 1-2% py	1.234	1.029
BG11-161	176.00	177.00	C13149	1.00	0.686	prev, competant		
BG11-161	177.00	178.00	C13150	1.00	0.549	few py seams, leucox, 1-2% py		
BG11-161	178.00	179.00	C13151	1.00	<.03	min leucox, wispy carb v's, min py		
BG11-161	179.00	180.00	C13152	1.00	<.03	prev		
BG11-161	180.00	181.00	**C13182**	1.00	<.03	prev		
BG11-161	181.00	182.00	C13153	1.00	0.754	min py seams 181.9-181.93m, 1-5% py, leucox		
BG11-161	182.00	183.00	C13154	1.00	<.03	min wispy v's carb, 1-2% py		
BG11-161	183.00	184.00	C13155	1.00	<.03	min wispy v's carb, min py		
BG11-161	184.00	185.00	C13156	1.00	<.03	prev, min leucox		
BG11-161	185.00	185.80	C13157	0.80	<.03	min seams of py, 1-3%, leucox		
BG11-161	185.80	186.40	C13158	0.60	0.411	min py seams, 1-2% py		
BG11-161	186.40	187.00	C13159	0.60	4.389	inc carb in matrix, 186.45-186.9m, 10-15% py; few blebs of cpy in carb v, 30 deg TCA	5.006	3.771
BG11-161	187.00	187.60	C13161	0.60	1.029	min leucox, min py	1.097	0.960
BG11-161	187.60	188.50	C13162	0.90	0.206	purple -white carb v, 188.4-188.7m, 0-5 deg TCA, 2-3cm wide		
BG11-161	188.50	190.00	C13163	1.50	<.03	min py		
BG11-161	190.00	190.50	C13164	0.50	<.03	prev		
BG11-161	190.50	191.00	C13165	0.50	<.03	gouge 190.63-190.66m, 80 deg TCA, clay, cataclastic, 1-2% py		
BG11-161	191.00	192.00	C13166	1.00	<.03	qtz-carb v 1912.12-191.18m, 30 deg TCA, min cpy, min wispy epidote v's		

Hole_ID	From	To	Sample_#	Length	Au ppm	Description	Au ppm_ck	Au ppm-ck2
BG11-161	192.00	193.00	C13167	1.00	<.03	min leucox, min py		
BG11-161	**193.00**	**194.00**	**C13169**	**1.00**	**0.549**	**leucox, py 1-3%**		
BG11-161	194.00	194.70	C13170	0.70	3.634	5-10% py, 194.3-194.55m dissem, and in v's, leucox	3.291	3.977
BG11-161	194.70	195.40	C13171	0.70	0.206	leucox, min seams, 1-10% py		
BG11-161	195.40	196.30	C13172	0.90	<.03	min v's		
BG11-161	196.30	197.30	C13173	1.00	<.03	carb v's 30-55 deg TCA, min py		
BG11-161	197.30	198.30	C13174	1.00	<.03	min wispy v's carb, min py		
BG11-161	198.30	199.50	C13175	1.20	<.03	min wispy v's carb, min py		
BG11-161	199.50	201.00	C13176	1.50	<.03	min wispy v's carb, min py		
BG11-161	201.00	202.00	C13177	1.00	<.03	blocky, min v's		
BG11-161	202.00	203.00	C13178	1.00	<.03	blocky, min v's		
BG11-161	203.00	204.00	C13179	1.00	<.03	blocky, min v's		
BG11-161	204.00	205.00	C13180	1.00	<.03	min v's		
BG11-161	205.00	206.00	C13181	1.00	<.03	min wispy v's carb, min py		
BG11-161	206.00	207.50	C13183	1.50	<.03	min wispy v's carb, min py		
BG11-161	**207.50**	**209.00**	**C13184**	**1.50**	**0.549**	**leucox, min hem**		
BG11-161	209.00	210.50	C13185	1.50	0.069	leucox, min hem, spec hem		
BG11-161	210.50	212.00	C13186	1.50	<.03	inc leucox,carb		
BG11-161	212.00	213.50	C13187	1.50	<.03	leucox, min hem, py		
BG11-161	213.50	215.00	C13188	1.50	<.03	low angle wispy carb v's, min py, min epidote v's		
BG11-161	215.00	216.00	C13189	1.00	<.03	inc carb in matrix, 1-2% dissem py		
BG11-161	216.00	217.00	C13190	1.00	<.03	low angle wispy carb v's, min py		
BG11-161	217.00	218.00	C13191	1.00	0.274	1-3% py in wispy v's, leucox		
BG11-161	218.00	219.00	C13192	1.00	3.155	1-3% py in wispy v's, leucox	2.880	3.429
BG11-161	**219.00**	**219.90**	**C13194**	**0.90**	**0.960**	**min carb, leucox**		
BG11-161	219.90	220.60	C13195	0.70	1.577	few py seams, in epidote in matrix	1.714	1.440
BG11-161	220.60	221.30	C13197	0.70	<.03	carb v 221.0-221.03m 30 deg TCA		
BG11-161	221.30	222.40	C13198	1.10	<.03	low angle wispy carb v's, min py		
BG11-161	222.40	223.00	C13199	0.60	<.03	dec epidote, min carb v's 20-80 deg TCA, min py		
BG11-161	223.00	224.50	C13200	1.50	0.069	dec epidote, min carb v', min py		
BG11-161	224.50	226.00	C13201	1.50	<.03	min frac, hem, carb v's		
BG11-161	226.00	227.50	C13202	1.50	<.03	inc chl, min epidote, carb v's		
BG11-161	227.50	228.50	C13203	1.00	<.03	qtz-carb v's, 227.83-227.88m, 227.92-228.13m, 25 deg TCA, min py		
BG11-161	228.50	229.30	C13204	0.80	<.03	qtz v, 228.9-229.13m 30 deg TCA, min py		
BG11-161	229.30	230.00	C13205	0.70	<.03	chl, pristine dior		
BG11-161	230.00	231.50	C13206	1.50	<.03	min low angle, epidote, carb v's		
BG11-161	231.50	233.00	C13207	1.50	<.03	chl, pristine dior		
BG11-161	233.00	234.50	C13208	1.50	<.03	min epidote v's		
BG11-161	234.50	236.00	C13209	1.50	<.03	chl, pristine dior		
BG11-161	236.00	237.00	C13210	1.00	<.03	qtz-dol-epidote flood 236.85- 237m		
BG11-161	237.00	238.50	C13211	1.50	<.03	chl, pristine dior		
BG11-161	238.50	240.00	C13212	1.50	<.03	pristine, chl, minor wispy carb v's low angle, spec hem		
BG11-161	240.00	241.50	C13213	1.50	<.03	pristine, chl, minor wispy carb v's low angle, spec hem		
BG11-161	241.50	243.00	C13214	1.50	<.03	pristine, chl, minor wispy carb v's low angle, spec hem		
BG11-161	243.00	244.50	C13215	1.50	<.03	prev		
BG11-161	244.50	246.00	C13216	1.50	0.069	prev		
BG11-161	**246.00**	**247.50**	**C13217**	**1.50**	**0.617**	**prev**		
BG11-161	247.50	249.00	C13219	1.50	<.03	gouge, 247.87m, 40 deg TCA		
BG11-161	249.00	250.50	C13220	1.50	<.03	pristine, chl, minor wispy carb v's low angle, spec hem		
BG11-161	250.50	252.00	C13221	1.50	<.03	min epidote bands, 2-3cm		
BG11-161	252.00	253.50	C13222	1.50	<.03	pristine, chl, minor wispy carb v's low angle, spec hem		
BG11-161	253.50	255.00	C13223	1.50	<.03	prev		

Hole_ID	From	To	Sample_#	Length	Au ppm	Description	Au ppm_ck	Au ppm-ck2
BG11-161	255.00	256.50	C13224	1.50	<.03	pristine, chl, minor wispy carb v's low angle, spec hem		
BG11-161	256.50	258.00	C13225	1.50	<.03	pristine, chl, minor wispy carb v's low angle, spec hem		
BG11-161	258.00	259.50	C13226	1.50	<.03	pristine, chl, minor wispy carb v's low angle, spec hem		
BG11-161	259.50	261.00	C13227	1.50	<.03	pristine, chl, minor wispy carb v's low angle, spec hem		
BG11-161	261.00	262.50	C13228	1.50	0.069	pristine, chl, minor wispy carb v's low angle, spec hem		
BG11-161	**262.50**	**264.00**	**C13229**	**1.50**	**0.891**	**chl, minor wispy carb v's low angle, spec hem**		
BG11-161	264.00	265.50	C13230	1.50	<.03	chl, minor wispy carb v's low angle, spec hem		
BG11-161	265.50	267.00	C13231	1.50	<.03	chl, minor wispy carb v's low angle, spec hem		
BG11-161	267.00	268.50	C13232	1.50	<.03	chl, minor wispy carb v's low angle, spec hem		
BG11-161	268.50	269.80	C13233	1.30	<.03	chl, minor wispy carb v's low angle, spec hem		
BG11-161	269.80	271.00	C13234	1.20	0.069	py seam, 269.84-269.85, 10-15% py		
BG11-161	271.00	272.50	C13235	1.50	1.989	minor wispy carb v's, pink, low angle, spec hem, min py dissem; blocky	2.194	1.783
BG11-161	**272.50**	**274.00**	**C13236**	**1.50**	**0.754**	**minor wispy carb v's, pink, low angle, spec hem, min py dissem; blocky**		
BG11-161	274.00	275.50	C13237	1.50	<.03	minor wispy carb v's, pink, low angle, spec hem, min py dissem; blocky		
BG11-161	275.50	277.00	C13238	1.50	<.03	minor wispy carb v's, pink, low angle, spec hem, min py dissem; blocky		
BG11-161	277.00	278.50	C13239	1.50	0.480	minor wispy carb v's, pink, low angle, spec hem, min py dissem; blocky		
BG11-161	278.50	280.00	C13240	1.50	0.069	minor wispy carb v's, pink, low angle, spec hem, min py dissem; blocky		
BG11-161	280.00	281.00	C13241	1.00	0.206	minor wispy carb v's, pink, low angle, spec hem, min py dissem; blocky		
BG11-162	14.40	15.50	C11471	1.10	<.03	epidote v's, min py infilling		
BG11-162	15.50	17.00	C11472	1.50	<.03	epidote v's, min py infilling		
BG11-162	**17.00**	**18.00**	**C11473**	**1.00**	**0.891**	**min seams py, 1cm**		
BG11-162	18.00	19.00	C11474	1.00	<.03	min pinch and swells,l py in epidote v's		
BG11-162	19.00	20.20	C11475	1.20	<.03	prev		
BG11-162	20.20	21.00	C11476	0.80	2.400	carb infilling with py, 2-5%, leucox	2.606	2.194
BG11-162	**21.00**	**22.00**	**C11477**	**1.00**	**0.617**	**dec py infilling**		
BG11-162	22.00	22.70	C11478	0.70	0.343	1cm py seam, py in epidote v's,1-2%		
BG11-162	22.70	23.70	C11479	1.00	5.212	bleached, 5-10% py, 23.2-23.6m	5.349	5.074
BG11-162	**23.70**	**24.40**	**C11480**	**0.70**	**0.891**	**bleached, 2-5% py, 23.7-24.2m**		
BG11-162	24.40	25.00	C11481	0.60	8.538	bleached, 5-15% py, 1-2cm seams	8.572	8.503
BG11-162	25.00	26.00	C11482	1.00	0.206	low angle pink carb v's, hem, 1-2% py		
BG11-162	26.00	26.60	C11483	0.60	<.03	bleached, 1-2% py		
BG11-162	26.60	27.20	C11484	0.60	<.03	dec v's, min py		
BG11-162	27.20	28.20	C11485	1.00	0.343	low angle pink carb v's, hem, min py		
BG11-162	28.20	29.00	C11486	0.80	<.03	low angle carb v's, hem, min py		
BG11-162	29.00	30.00	C11487	1.00	0.206	prev		
BG11-162	**30.00**	**30.50**	**C11488**	**0.50**	**0.960**	**py seams, 5-15% in carb**		
BG11-162	30.50	31.30	C11490	0.80	0.137	wispy carb v's, min py		
BG11-162	31.30	32.00	C11491	0.70	0.343	blocky, hem, min py		
BG11-162	**32.00**	**33.00**	**C11492**	**1.00**	**0.754**	**low angle carb v's, hem 1-2% py**		
BG11-162	33.00	34.00	C11493	1.00	0.274	low angle carb v's, hem 1-2% py		
BG11-162	**34.00**	**35.00**	**C11495**	**1.00**	**0.617**	**low angle carb v's, hem 1-2% py**		
BG11-162	35.00	36.00	C11496	1.00	0.206	1-2% py, hem		
BG11-162	36.00	37.00	C11497	1.00	0.069	inc epidote, 1% py, hem		
BG11-162	**37.00**	**37.50**	**C11498**	**0.50**	**0.754**	**min py,hem**		
BG11-162	37.50	38.20	C11499	0.70	3.429	bleached, 5-15% py seams, inc carb	3.634	3.223
BG11-162	38.20	39.00	C11001	0.80	0.480	min py,hem		
BG11-162	39.00	40.00	C11002	1.00	0.137	bleaching, hem 1-2% y		
BG11-162	40.00	41.00	C11003	1.00	0.206	min py,hem		
BG11-162	41.00	42.00	C11004	1.00	0.137	min py,hem		
BG11-162	42.00	43.00	C11005	1.00	0.137	epidote v's, 1-2% py infilling		
BG11-162	43.00	44.00	C11006	1.00	0.206	wispy carb v's, min py, hem		
BG11-162	44.00	44.50	C11007	0.50	0.274	wispy carb v's, min py, hem, leucox		

Hole_ID	From	To	Sample_#	Length	Au ppm	Description	Au ppm_ck	Au ppm-ck2
BG11-162	44.50	45.00	C11008	0.50	1.714	fault gouge 44.8-44.9m, 35 deg TCA, hem min py	1.851	1.577
BG11-162	45.00	45.60	C11009	0.60	0.411	blocky, hem, min py		
BG11-162	45.60	46.60	C11010	1.00	1.440	cse py seam, 45.7-45.85m 20-30%, bleached, hem	1.577	1.303
BG11-162	46.60	48.00	C11012	1.40	0.411	wispy carb v's, min py, hem		
BG11-162	48.00	49.50	C11013	1.50	0.206	low angle carb v's, epidote v's, hem, 1% py		
BG11-162	49.50	51.00	C11014	1.50	0.480	leucox, chl, hem		
BG11-162	51.00	52.00	C11015	1.00	<.03	min v's, min py		
BG11-162	52.00	53.00	C11016	1.00	0.343	low angle carb v's, epidote v's, hem, 1% py		
BG11-162	53.00	54.00	C11017	1.00	0.137	1% py, hem		
BG11-162	54.00	55.50	C11018	1.50	<.03	min v's, min py		
BG11-162	55.50	57.00	C11020	1.50	0.069	min v's, min py		
BG11-162	57.00	58.50	C11021	1.50	<.03	min v's, min py		
BG11-162	58.50	60.00	C11022	1.50	0.137	prev		
BG11-162	60.00	61.50	C11023	1.50	<.03	prev		
BG11-162	61.50	63.00	C11024	1.50	<.03	low angle carb v's, epidote v's, hem, 1% py		
BG11-162	63.00	64.00	C11025	1.00	<.03	leucox, chl, hem		
BG11-162	64.00	65.00	C11026	1.00	0.274	gouge 64.25-64.26m, 45 deg TCA, bleached, leucox		
BG11-162	65.00	66.00	C11027	1.00	0.274	gouge 65.5-60.0m, 45 deg TCA, bleached, leucox		
BG11-162	**66.00**	**67.00**	**C11028**	**1.00**	**0.960**	**fault down axis, 66.8-66.9m, friable core**		
BG11-162	67.00	67.80	C11029	0.80	0.411	blocky, hem, min py		
BG11-162	67.80	69.00	C11030	1.20	0.206	MAIN BREAK, 67.9-68.8m 30 deg TCA, friable		
BG11-162	69.00	70.00	C11031	1.00	<.03	gouge, 69.2-69.3m 30 deg TCA		
BG11-162	70.00	71.00	C11032	1.00	<.03	gouge 71.0m, 50 deg TCA, possib qfp dyke 70.7-71.3m		
BG11-162	71.00	72.00	C11033	1.00	<.03	gouge, 71.8-71.9m, 55 deg TCA		
BG11-162	**72.00**	**73.00**	**C11034**	**1.00**	**0.960**	**gouge, 72.2m 60 deg TCA, min py**		
BG11-162	**73.00**	**74.00**	**C11035**	**1.00**	**10.458**	**min py, hem**	**10.629**	**10.286**
BG11-162	**74.00**	**75.00**	**C11036**	**1.00**	**11.897**	**min py, hem, leucox**	**10.354**	**13.440**
BG11-162	75.00	76.00	C11037	1.00	0.069	inc carb v's, leucox		
BG11-162	76.00	77.00	C11038	1.00	0.137	min py, hem, leucox		
BG11-162	77.00	78.00	C11039	1.00	0.069	min py, hem		
BG11-162	78.00	79.00	C11040	1.00	0.069	min py, hem		
BG11-162	79.00	80.00	C11041	1.00	0.069	blocky, hem, min py		
BG11-162	80.00	81.00	C11042	1.00	0.274	blocky, hem, min py		
BG11-162	81.00	82.00	C11043	1.00	0.069	blocky, hem, min py		
BG11-162	82.00	83.00	C11045	1.00	<.03	fract, inc carb in matrix, hem		
BG11-162	83.00	84.00	C11046	1.00	<.03	wispy carb v's, leucox		
BG11-162	84.00	85.00	C11047	1.00	0.137	epidote v's, min py infilling		
BG11-162	85.00	86.00	C11048	1.00	<.03	blocky, hem, min py		
BG11-162	86.00	87.00	C11049	1.00	<.03	blocky, hem, min py		
BG11-162	87.00	88.00	C11050	1.00	0.137	blocky, hem, min py		
BG11-162	88.00	89.00	C11051	1.00	0.343	bleached, blocky, low angle carb v's, min py		
BG11-162	89.00	90.00	C11052	1.00	0.137	bleached, blocky, low angle carb v's, min py		
BG11-162	90.00	91.00	C11053	1.00	<.03	gouge, 90.2m 35 deg TCA		
BG11-162	91.00	92.00	C11054	1.00	0.069	blocky, hem, 1% py		
BG11-162	92.00	93.00	C11055	1.00	0.069	blocky, hem, min py		
BG11-162	93.00	94.00	C11056	1.00	0.137	1-2% py in carb, wispy v's		
BG11-162	94.00	95.00	C11057	1.00	<.03	inc epidote, carb, min py, leucox		
BG11-162	95.00	96.00	C11058	1.00	<.03	epidote stringers, 1mm, min py		
BG11-162	96.00	96.60	C11059	0.60	0.206	epidote stringers, 1mm, min py		
BG11-162	96.60	97.10	C11060	0.50	2.160	silicious, 1-5% dissem py	2.400	1.920
BG11-162	97.10	98.00	C11061	0.90	<.03	epidote stringers, 1mm, min py		
BG11-162	98.00	99.00	C11062	1.00	<.03	epidote stringers, 1mm, min py		

Hole_ID	From	To	Sample_#	Length	Au ppm	Description	Au ppm_ck	Au ppm-ck2
BG11-162	99.00	100.00	C11063	1.00	<.03	epidote stringers, 1mm, min py		
BG11-162	100.00	101.00	C11064	1.00	<.03	epidote stringers, 1mm, min py		
BG11-162	101.00	102.00	C11065	1.00	<.03	epidote stringers, 1mm, min py		
BG11-162	102.00	102.80	C11066	0.80	<.03	epidote stringers, 1mm, min py		
BG11-162	102.80	103.50	C11067	0.70	0.411	min py infilling epidote v's		
BG11-162	103.50	104.00	C11068	0.50	1.063	1-5% py dissem and in carb v 103.8-103.85m	1.166	0.960
BG11-162	104.00	105.00	C11070	1.00	0.480	inc py infilling in epidote, carb v's, blocky		
BG11-162	105.00	105.70	C11071	0.70	0.274	py infilling in epidote, carb v's, blocky		
BG11-162	105.70	106.20	C11072	0.50	0.960	bleached 105.7-106m, 3-5% py in qtz-carb v's		
BG11-162	106.20	107.00	C11073	0.80	0.343	qtz-carb-ser v 106.87-106.93 35 deg TCA, hem		
BG11-162	107.00	108.00	C11074	1.00	0.137	py infilling in epidote 1%, carb v's		
BG11-162	108.00	109.00	C11075	1.00	<.03	py infilling in epidote 1%, carb v's		
BG11-162	109.00	110.00	C11076	1.00	2.023	1-2% py infilling	1.92	2.13
BG11-162	110.00	110.80	C11077	0.80	0.549	leucox, chl, hem, dec epidote v's, purple carb, min py **(2.2m stope in void 110.8-113m)**		
BG11-162	113.00	114.10	C11078	1.10	<.03	inc carb v's, leucox, min py		
BG11-162	114.10	115.00	C11079	0.90	<.03	epidote v's inc, at 114.4m, min py infills		
BG11-162	115.00	116.00	C11080	1.00	<.03	prev		
BG11-162	116.00	117.00	C11081	1.00	<.03	low angle carb v's, 1-2% py infilling		
BG11-162	117.00	118.00	C11082	1.00	<.03	low angle carb v's, 1-2% py infilling, hem		
BG11-162	118.00	119.00	C11083	1.00	0.343	prev		
BG11-162	119.00	119.70	C11084	0.70	0.137	carb v, 119.16-119.29m, 25 deg TCA, min cpy blebs		
BG11-162	119.70	120.30	C11085	0.60	<.03	1-2% py infilling		
BG11-162	120.30	121.00	C11086	0.70	<.03	silicious dk grey-black, 1-5% dissem py		
BG11-162	121.00	122.00	C11087	1.00	<.03	1-2% py infilling		
BG11-162	122.00	123.00	C11088	1.00	<.03	min cpy in carb v		
BG11-162	123.00	124.00	C11089	1.00	0.137	1-2% py infilling		
BG11-162	124.00	125.00	C11090	1.00	<.03	1-2% py infilling		
BG11-162	125.00	126.10	C11091	1.10	0.137	inc py, 1-3%		
BG11-162	126.10	127.00	C11092	0.90	0.411	carb v along axis, min py		
BG11-162	127.00	128.00	C11093	1.00	<.03	carb v along axis, min py, epi		
BG11-162	128.00	129.00	C11095	1.00	<.03	1-2% py infilling		
BG11-162	129.00	130.00	C11097	1.00	<.03	series of epi v's 4mm wide 20 deg TCA 129-129.5m, hem		
BG11-162	130.00	130.50	C11098	0.50	<.03	1-2% py infilling		
BG11-162	130.50	131.00	C11099	0.50	0.480	2-5% py in epi-carb v, 20 deg TCA, 130.5-130.6m		
BG11-162	131.00	131.80	C11100	0.80	<.03	epidote v's , min py infills		
BG11-162	131.80	133.00	C11101	1.20	<.03	epidote v's , min py infills, leucox		
BG11-162	133.00	134.00	C11102	1.00	<.03	dec epi, min py, hem		
BG11-162	134.00	135.00	C11103	1.00	<.03	epi, min py, hem		
BG11-162	135.00	136.00	C11104	1.00	<.03	low angle carb v's, 1-2% py infilling, hem		
BG11-162	136.00	137.00	C11105	1.00	<.03	low angle carb v's, 1-2% py infilling, hem		
BG11-162	137.00	137.80	C11106	0.80	<.03	low angle carb v's, 1-2% py infilling, hem		
BG11-162	137.80	138.40	C11107	0.60	<.03	prev		
BG11-162	**138.40**	**138.90**	**C11108**	**0.50**	**5.075**	**blocky 138.45-138.6m, inc py in v's 30 deg TCA, 10-20% py**	**4.800**	**5.349**
BG11-162	**138.90**	**139.60**	**C11110**	**0.70**	**4.800**	**pink carb, leucox, 10-15% py in epidote infilling and seams 139.2-139.5m**	**4.731**	**4.869**
BG11-162	139.60	140.40	C11111	0.80	0.480	wispy carb v's, min epidote, 1-2% py		
BG11-162	**140.40**	**141.00**	**C11112**	**0.60**	**0.960**	**seams of py in carb-epidote pinches and swells, 3-10%py**		
BG11-162	141.00	142.00	C11114	1.00	0.411	stringers of epidote and wispy carb with 1-5% py replacement		
BG11-162	142.00	143.00	C11115	1.00	1.269	leucox, prev, 5-10% py	1.303	1.234
BG11-162	143.00	143.60	C11116	0.60	1.783	seam of py 143.4-143.45m 10-20% py, epi pinches an swells	1.783	1.783
BG11-162	143.60	144.20	C11118	0.60	2.572	seams of py 90 deg TCA, 1-5%	2.674	2.469
BG11-162	144.20	145.00	C11120	0.80	1.954	stringers of epidote and wispy carb with 1-5% py replacement	2.194	1.714
BG11-162	**145.00**	**146.00**	**C11121**	**1.00**	**0.686**	**stringers of epidote and wispy carb with 1-2% pyt**		

Hole_ID	From	To	Sample_#	Length	Au ppm	Description	Au ppm_ck	Au ppm-ck2
BG11-162	146.00	147.00	C11122	1.00	<.03	leucox, min epi, carb v's, hem, min py		
BG11-162	147.00	148.00	C11123	1.00	<.03	micro frac, epi-chl infilling, min py		
BG11-162	148.00	149.00	C11124	1.00	<.03	micro frac, epi-chl infilling, min py		
BG11-162	149.00	150.00	C11125	1.00	<.03	prev, low angle purple carb v's		
BG11-162	150.00	151.00	C11126	1.00	<.03	micro frac, epi-chl infilling, 1-2% py		
BG11-162	151.00	152.00	C11127	1.00	<.03	prev, 1cm purple carb v at 152m 30 deg TCA		
BG11-162	152.00	153.00	C11128	1.00	<.03	epi-chl infilling, 1% py		
BG11-162	153.00	154.00	C11129	1.00	0.137	seam of py 153.12-153.14m 10-15% py, 40 deg TCA		
BG11-162	154.00	155.00	C11130	1.00	<.03	dec py, hem		
BG11-162	155.00	156.00	C11131	1.00	<.03	min epi, carb v's, hem, min py		
BG11-162	156.00	157.00	C11132	1.00	<.03	epi-chl infilling, 1-2% py		
BG11-162	157.00	158.00	C11133	1.00	<.03	epi-chl infilling, 1% py		
BG11-162	158.00	159.00	C11134	1.00	0.069	epi-chl infilling, 1% py		
BG11-162	159.00	159.50	C11135	0.50	<.03	prev		
BG11-162	159.50	160.00	C11136	0.50	1.475	leucox, prev, 5-10% py	1.440	1.509
BG11-162	160.00	161.00	C11137	1.00	<.03	hem, min py		
BG11-162	161.00	162.00	C11138	1.00	<.03	min epi, carb v's, min py		
BG11-162	162.00	163.00	C11139	1.00	<.03	min epi, carb v's, min py		
BG11-162	163.00	164.00	C11140	1.00	<.03	prev		
BG11-162	164.00	164.80	C11141	0.80	1.029	leucox, 1-3% py infilling	1.097	0.960
BG11-162	164.80	165.35	C11142	0.55	1.440	5-10% py in seams, massive py 165.28-165.31m, 20-30%	1.577	1.303
BG11-162	165.35	166.00	C11145	0.65	0.480	leucox, 1-2% py infilling		
BG11-162	166.00	167.00	C11146	1.00	<.03	inc carb, bleached, leucox, 1-2% py		
BG11-162	167.00	168.00	C11147	1.00	<.03	inc carb, bleached, leucox, 1-2% py		
BG11-162	168.00	169.00	C11148	1.00	0.137	leucox, prev, min py		
BG11-162	169.00	170.00	C11149	1.00	<.03	leucox, stringers of epidote and wispy carb with 1% py		
BG11-162	170.00	171.00	C11150	1.00	<.03	prev		
BG11-162	171.00	172.10	C11151	1.10	<.03	prev, purple carb v, low angle, leucox		
BG11-162	172.10	172.60	C11152	0.50	2.058	grey-white qtz v's 90 deg TCA 172.3-172.39m, fn dissem py 15-20%, and massive	1.989	2.126
BG11-162	172.60	173.30	C11154	0.70	0.480	wispy qtz-carb v's, all angles, 1-2% py		
BG11-162	173.30	174.30	C11155	1.00	<.03	low angle carb v's, 1% py		
BG11-162	**174.30**	**175.30**	**C11156**	**1.00**	**0.617**	**low angle carb v's, 1-2% py, blocky**		
BG11-162	**175.30**	**176.00**	**C11157**	**0.70**	**0.754**	**blocky, min v's, py**		
BG11-162	176.00	177.00	C11158	1.00	0.480	min qtz-carb v's, min py		
BG11-162	177.00	178.00	C11159	1.00	0.480	low angle qtz-carb v's, 1% py		
BG11-162	178.00	179.00	C11160	1.00	0.069	prev		
BG11-162	179.00	179.60	C11161	0.60	0.137	prev		
BG11-162	**179.60**	**180.30**	**C11162**	**0.70**	**0.617**	**pink qtz-carb v, 179.93-180m, 35 deg TCA, leucox, 1-2% py**		
BG11-162	180.30	181.00	C11163	0.70	1.989	leucox, 1-2% py	1.989	1.989
BG11-162	181.00	181.70	C11164	0.70	2.160	leucox, 1-2% py	2.126	2.194
BG11-162	181.70	182.50	C11165	0.80	0.137	qtz-carb v's 2-3mm, 0 deg TCA, min py		
BG11-162	182.50	183.50	C11166	1.00	1.234	min qtz-carb v's, min py	1.234	1.234
BG11-162	183.50	185.00	C11167	1.50	1.200	prev	1.166	1.234
BG11-162	**185.00**	**186.00**	**C11168**	**1.00**	**0.686**	**low angle qtz-carb v's, 1% py**		
BG11-162	**186.00**	**187.00**	**C11170**	**1.00**	**0.686**	**low angle qtz-carb v's, 1% py**		
BG11-162	**187.00**	**188.00**	**C11171**	**1.00**	**0.617**	**prev**		
BG11-162	188.00	189.00	C11172	1.00	0.480	leucox, and wispy carb with 1% py		
BG11-162	189.00	190.50	C11173	1.50	1.955	prev	1.920	1.989
BG11-162	**190.50**	**192.00**	**C11174**	**1.50**	**0.891**	**prev**		
BG11-162	192.00	193.50	C11175	1.50	1.029	prev	1.097	0.960
BG11-162	**193.50**	**195.00**	**C11176**	**1.50**	**0.617**	**leucox, and wispy carb with 1% py**		
BG11-162	195.00	196.00	C11177	1.00	0.480	leucox, and wispy carb with 1% py		

Hole_ID	From	To	Sample_#	Length	Au ppm	Description	Au ppm_ck	Au ppm-ck2
BG11-162	196.00	197.00	C11178	1.00	0.411	prev		
BG11-162	197.00	198.00	C11179	1.00	1.303	prev	1.234	1.371
BG11-162	198.00	199.00	C11180	1.00	0.343	prev		
BG11-162	199.00	199.70	C11181	0.70	2.366	seams of py 199.3-199.55m, 10-15%	2.400	2.331
BG11-162	199.70	200.50	C11183	0.80	0.274	1-5% py dissem and in carb v 103.8-103.85m		
BG11-162	200.50	201.20	C11184	0.70	<.03	seams of py, 201.0-201.02m 85 deg TCA, 1-5%		
BG11-162	201.20	202.30	C11185	1.10	<.03	low angle carb v's, min epidote appears, min py		
BG11-162	202.30	203.00	C11186	0.70	<.03	min hem, py		
BG11-162	203.00	204.00	C11187	1.00	<.03	min epidote v's, min py infilling		
BG11-162	204.00	205.00	C11188	1.00	<.03	min epidote v's, min py infilling		
BG11-162	205.00	206.50	C11189	1.50	<.03	min epidote v's, min py infilling		
BG11-162	206.50	208.00	C11190	1.50	<.03	prev		
BG11-162	208.00	209.10	C11191	1.10	<.03	carb v, 1cm in width, 208.7-209.1m, 0-10 deg TCA		
BG11-162	209.10	210.00	C11192	0.90	<.03	min epidote v's, min py infilling		
BG11-162	210.00	210.90	C11194	0.90	<.03	leucox, high angle epidote v's, carbv's		
BG11-162	210.90	212.00	C11195	1.10	<.03	flooding of epidote, qtz-carb v's 210.9-211.3m, min py		
BG11-162	212.00	213.00	C11196	1.00	2.400	min moly, py seams 212.5-212.7m, 1-5% py	2.194	2.606
BG11-162	213.00	213.70	C11197	0.70	4.389	leucox, min epi, carb v's, hem, min py	4.869	3.909
BG11-162	213.70	214.30	C11198	0.60	0.549	min py seams, high angle qtz, 2-5% py		
BG11-162	214.30	215.00	C11199	0.70	0.137	min epidote v's, min py infilling		
BG11-162	215.00	216.00	C11200	1.00	<.03	prev		
BG11-162	216.00	217.00	C11201	1.00	<.03	prev		
BG11-162	217.00	218.00	C11202	1.00	1.920	very blocky, hem, min epi, py	1.783	2.057
BG11-162	218.00	219.00	C11203	1.00	<.03	very blocky, hem, min epi, py		
BG11-162	219.00	220.00	C11204	1.00	<.03	high angle qtz-carb v's		
BG11-162	220.00	221.00	C11205	1.00	0.206	high angle qtz-carb v's minor hem		
BG11-162	221.00	222.50	C11206	1.50	<.03	high angle qtz-carb v's		
BG11-162	222.50	224.00	C11207	1.50	<.03	low angle carb v's, min py		
BG11-162	224.00	225.50	C11208	1.50	<.03	low angle carb v's, min py, spec hem		
BG11-162	225.50	227.00	C11209	1.50	<.03	prev		
BG11-162	227.00	228.50	C11210	1.50	<.03	prev		
BG11-162	228.50	230.00	C11211	1.50	<.03	min leucox		
BG11-162	230.00	230.70	C11212	0.70	<.03	carb flood, min py		
BG11-162	230.70	231.70	C11213	1.00	<.03	orange carb min flood, 231.3-231.7m, inc chl, min py		
BG11-162	231.70	233.00	C11214	1.30	<.03	low angle carb v's, min py, spec hem		
BG11-162	233.00	234.50	C11215	1.50	<.03	low angle carb v's, min py, spec hem		
BG11-162	234.50	236.00	C11216	1.50	<.03	min leucox, min py		
BG11-162	236.00	237.50	C11217	1.50	<.03	prev		
BG11-162	237.50	239.00	C11219	1.50	<.03	prev		
BG11-162	239.00	239.90	C11220	0.90	<.03	low angle carb v's, min py		
BG11-162	**239.90**	**240.40**	**C11221**	**0.50**	**0.823**	**py seam, at 240m, 80 deg TCA, 5-10% py leucox**		
BG11-162	240.40	241.50	C11223	1.10	<.03	low angle carb v's, min py		
BG11-162	241.50	243.00	C11224	1.50	<.03	low angle carb v's, min py		
BG11-162	243.00	244.50	C11225	1.50	<.03	prev, min epidote v's start		
BG11-162	244.50	246.00	C11226	1.50	<.03	prev, spec hem		
BG11-162	246.00	247.00	C11227	1.00	2.263	blocky, few py seams, 5-10% py	2.331	2.194
BG11-162	247.00	248.00	C11228	1.00	<.03	low angle carb v's, min py		
BG11-162	248.00	249.00	C11229	1.00	<.03	prev		
BG11-162	249.00	250.00	C11230	1.00	<.03	blocky		
BG11-162	250.00	251.00	C11231	1.00	<.03	blocky		
BG11-162	251.00	252.50	C11232	1.50	<.03	low angle carb v's, min py		
BG11-162	252.50	254.00	C11233	1.50	0.274	epidote v's inc, min py		

Hole_ID	From	To	Sample_#	Length	Au ppm	Description	Au ppm_ck	Au ppm-ck2
BG11-162	254.00	255.00	C11234	1.00	<.03	leucox, carb v 255m, 80 deg TCA		
BG11-162	255.00	256.50	C11235	1.50	<.03	epidote v's , min py		
BG11-162	256.50	258.00	C11236	1.50	<.03	low angle carb v's, min py, epidote		
BG11-162	258.00	259.50	C11237	1.50	<.03	min py in epi v's		
BG11-162	259.50	261.00	C11238	1.50	<.03	min py in epi v's		
BG11-162	261.00	262.50	C11239	1.50	<.03	inc epidote in matrix, min py		
BG11-162	262.50	264.00	C11240	1.50	<.03	epidote in matrix, min py		
BG11-162	264.00	265.50	C11241	1.50	<.03	epidote in matrix, min py, hem		
BG11-162	265.50	267.00	C11242	1.50	<.03	min cpy and moly at 266.9m		
BG11-162	267.00	268.00	C11244	1.00	<.03	blocky, epidote in matrix, min py		
BG11-162	268.00	269.00	C11245	1.00	<.03	blocky, epidote in matrix, min py		
BG11-162	269.00	270.00	C11246	1.00	<.03	prev		
BG11-162	270.00	271.00	C11247	1.00	<.03	prev		
BG11-162	271.00	272.00	C11248	1.00	<.03	prev, min hem		
BG11-162	272.00	273.00	C11249	1.00	<.03	min moly, cpy in qtz v, 272.6-272.9m, very blocky		
BG11-162	273.00	274.00	C11250	1.00	0.480	3-5% py, 273.5-273.55m, blocky		
BG11-162	274.00	275.00	C11251	1.00	<.03	pink-purple qtz-carb v-flood, 274.3-274.5m, min py		
BG11-162	275.00	275.80	C11253	0.80	<.03	wispy high angle qtz-carb v's, blocky, min py		
BG11-162	275.80	276.30	C11254	0.50	3.909	silicious, py seam 275.8-276m, 10-20% py	3.909	3.909
BG11-162	276.30	277.00	C11256	0.70	<.03	min moly, 1% py, epidote, very blocky, spec hem		
BG11-162	277.00	278.00	C11257	1.00	<.03	1% py, epidote, very blocky		
BG11-162	278.00	279.00	C11258	1.00	<.03	1% py, epidote, very blocky		
BG11-162	279.00	280.00	C11259	1.00	0.137	1% py, epidote, very blocky		
BG11-162	280.00	281.00	C11260	1.00	<.03	1% py, epidote, very blocky, hem; EOH 281m		
BG11-163	4.30	4.90	C09379	0.60	<.03	4.45 to 4.6 flt-slips at 40 deg TCA with qtz-dol+chl		
BG11-163	35.70	36.33	C09380	0.63	<.03	36.05 to 36.29m 1 to 1.5 cm wide qtz vn with 5% med py + 25% hematite at 10 deg TCA		
BG11-163	39.80	40.60	C09381	0.80	<.03	39.82m slip at 45 deg TCA with chl + 3mm qtz-dol; 40.3 to 40.55m confined shear at 20 deg TCA with parallel qtz-dol vn'ing		
BG11-163	48.60	49.30	C09383	0.70	<.03	three slip-shears at 35 to 40 deg TCA < 2cm wide with ser+qtz-dol		
BG11-163	58.30	59.30	C09384	1.00	<.03	15-25% multi-carb vn's pink coloured at 45 deg TCA; 0-20 deg TCA late qtz-carb frac'ing healed with carb; 59.2m 2cm wide slip-qtz-carb vn's at 55 deg TCA		
BG11-163	67.80	68.30	C09385	0.50	<.03	10% chl frac's with chl and 68.1m slip-flt contact Arenite-Cngl contact at 55 deg TCA		
BG11-163	78.90	79.50	C09386	0.60	<.03	79.05m 1.2cm wide qtz vn at 65 deg TCA		
BG11-163	80.20	81.00	C09387	0.80	<.03	sample in cngl proximal to Cngl/FP contact		
BG11-163	81.00	82.00	C09388	1.00	<.03	81.1-81.2m cngl-FP contact 10-15% qtz-dol healing in frac's; tr py		
BG11-163	82.00	83.50	C09389	1.50	<.03	82 to 85.8m highly frac'd FP with 5-10% qtz-dol, grey+black qtz in penetrative & non-penetrative frac's and ser in micro-frac'ing; tr py		
BG11-163	83.50	85.00	C09390	1.50	<.03	as described above		
BG11-163	85.00	85.80	C09391	0.80	<.03	as described above		
BG11-163	85.80	86.35	C09392	0.55	<.03	major fault from 85.8 to 87.3m with black& grey qtz healing + subangular bx, 3-7% fine grained py from 86.4 to 86.6m		
BG11-163	86.35	87.30	C09393	0.95	<.03	as described above		
BG11-163	87.30	88.50	C09395	1.20	<.03	moderate frac'ing with qtz+qtz-dol; negl py		
BG11-163	100.50	101.20	C09396	0.70	<.03	100.7 to 100.9m slip at 20 deg TCA with black qtz-chert 1.5cm wide		
BG11-163	101.80	102.40	C09397	0.60	<.03	101.9 to 102m slips at 40-45 deg TCA chl+qtz		
BG11-163	110.60	111.60	C09398	1.00	<.03	15-20% qtz vn'ing at 65 to 85 deg TCA up to 5mm wide, tr py and tr cpy		
BG11-163	112.75	113.90	C09399	1.15	<.03	weak qtz vn'ing at 35 to 70 deg TCA with tr py in matrix; 113.5 tp 113.9m 1.5cm wide qtz vn at 10 deg TCA		
BG11-163	113.90	114.60	C09400	0.70	<.03	weak to moderate frac's at 55 to 65 deg TCA with adjacent qtz vn'ing, tr py		
BG11-163	114.60	115.30	C12151	0.70	<.03	strong frac'ing+slips at 65 to 80 deg TCA with adjacent translucent qtz + white qtz; tr py		
BG11-163	115.30	116.25	C12152	0.95	<.03	weak frac-slips with 15-20% sil flooding; 1-2% med grained py in matrix near flooding, slips at 25 and 80-90 deg TCA, with adjacent qtz vn'lets at 25 deg TCA with py		

Hole_ID	From	To	Sample_#	Length	Au ppm	Description	Au ppm_ck	Au ppm-ck2
BG11-163	127.60	128.50	C12154	0.90	<.03	weak to mod frac'ing at 65 to 75 deg TCA with <1mm wide qtz+dol healing in frac's		
BG11-163	128.50	129.00	C12155	0.50	<.03	weak sil bleached matrix with mod frac'ing + 15% qtz-dol vn'ing + one vn 3mm wide with 15% py at 30 deg TCA		
BG11-163	129.00	129.50	C12156	0.50	<.03	weak frac'ing; unaltered FP		
BG11-163	136.10	137.50	C12157	1.40	<.03	weak frac'ing with weak sil bleached margins; 10-15%qtz-dol vn'ing and with one vn having tr py		
BG11-163	137.50	138.00	C12158	0.50	<.03	unaltered FP		
BG11-163	138.00	138.70	C12159	0.70	<.03	15-20% qtz-dol vn'ing with tr py+ obe black qtz vn		
BG11-163	155.40	156.20	C12160	0.80	<.03	155.4 to 157m weak frac zone with 45 deg TCA discontinuous qtz-dol vn'lets; 45 deg TCA slip at 156.95m with ser		
BG11-163	156.20	157.10	C12161	0.90	<.03	as described above		
BG11-163	164.55	165.20	C12162	0.65	<.03	164.6m 2 cm wide qtz vn adjacent to a slips at 25 deg TCA		
BG11-163	168.20	168.70	C12163	0.50	<.03	168.35 to 168.42m slip at 30 deg TCA with qtz vn 0.5cm wide		
BG11-163	169.25	170.20	C12165	0.95	<.03	weak 10-20% translucent qtz vn'ing at 70 to 80 deg TCA; tr spec hem		
BG11-163	172.60	173.50	C12166	0.90	<.03	weak frac'ing with 15-25% translucent qtz at 25 and 65 deg TCA with 1-3% spec hem and tr py		
BG11-163	188.00	188.55	C12167	0.55	<.03	188.23 to 188.34m slip with porcelain white qtz-dol at 20 deg TCA and at 0 deg TCA; tr spec hem		
BG11-163	191.50	192.33	C12168	0.83	<.03	weak frac'ing healed with translucent qtz at 40 to 55 deg TCA with <1% spec hem		
BG11-163	197.50	198.00	C12169	0.50	<.03	198.75 to 197.9m mod frac'ing with qtz up to 3mm wide at 55 to 65 deg TCA; one 3mm wide qtz vn with two splashes of cpy at 55 deg TCA; <1% spec hem in vn's		
BG11-163	211.10	212.00	C12170	0.90	<.03	211.31m 1mm wide qtz vn at 45 deg TCA along slip; other 1mm qtz vn's at 25 and 65 deg TCA; negl py		
BG11-163	213.00	213.90	C12171	0.90	<.03	strong discontinuous frac's with qtz-dol; frac-fabric at 70-75 deg TCA; white qtz vn with tr py at margin; translucent and white qtz vn at 65 to 80 deg TCA; mod perv ser alt'n; CA; void of sulphides		
BG11-163	213.90	215.00	C12172	1.10	<.03	5 deg TCA slip from 213.9 to 214.5m with qtz-dol+ser; perv weak ser alt'n; fabric & discontinous frac's at 40- 50 deg TCA		
BG11-163	217.30	218.00	C12173	0.70	<.03	weak frac'ing at 20 deg TCA; 5-10% qtz-dol vn'ing		
BG11-163	218.00	219.00	C12174	1.00	<.03	as above		
BG11-163	219.00	220.00	C12175	1.00	<.03	15-20% qtz and qtz+dol vn'ing at 75 to 80 and 20-30 deg TCA with 1.5 to 2 cm wide translucent qtz vn's at 70-85 deg TCA with spec's of hem, tr py		
BG11-163	220.00	221.50	C12176	1.50	<.03	221m 1o deg TCA slip with weak ser		
BG11-163	228.60	229.50	C12178	0.90	<.03	one pearl white qtz vn at 65 deg TCA 1 cm wide; overal perv mod ser alt'n; negl py		
BG11-163	229.90	230.70	C12179	0.80	<.03	10 deg TCA wormy qtz-dol vn'ing with 1% spec hem		
BG11-163	246.80	248.00	C12180	1.20	<.03	246.8 to 249m fault 0 to 10 deg TCA with qtz-carb-calcite-chlorite-ser; negl py		
BG11-163	248.00	249.00	C12181	1.00	<.03	as described above		
BG11-163	260.10	260.90	C12182	0.80	<.03	at 260.2m 0-5 deg TCA slip with adjacent 20-25% qtz vn'ing +Kspar or orange qtz vn'ing with chl+ser along slips		
BG11-163	280.00	281.20	C12184	1.20	<.03	qtz-dol-ser vein along axis, intermittantly, hem, minor fracturing veinlets		
BG11-163	296.10	297.60	C12185	1.50	<.03	qtz-ser vein at 296.15m, chloritic healing, 2cm wide, 30-35deg TCA; wispy,qtz-ser at 0-45 deg TCA; void of sulphides		
BG11-163	309.00	310.00	C12186	1.00	<.03	wispy qtz-dol veins, hematized section		
BG11-163	319.00	320.00	C12187	1.00	<.03	slip, qtz-ser-dol; 319.6m 35 deg TCA		
BG11-163	339.00	340.00	C12188	1.00	<.03	inc alt, min micro frac @0-20 deg TCA, min spec hem		
BG11-163	340.00	341.00	C12189	1.00	<.03	pink-white qtz vein, 340.55-340.8m ;20 deg TCA; wormy-wispy qtx-ser veining 0-25 deg TCA		
BG11-163	341.00	342.00	C12190	1.00	<.03	altered , wispy qtz-ser veins, all angles, min cse py		
BG11-163	348.80	349.50	C12191	0.70	<.03	cont FP-Arenite?,@348.98m, 80-85 deg TCA; spec hem, 1-2mm in frac		
BG11-163	349.50	350.50	C12192	1.00	<.03	cont Arenite-FP at 349.68@55 deg TCA; cont FP-Arenite at 350.13 @40 deg TCA, min micro fract		
BG11-163	350.50	351.50	C12193	1.00	<.03	micro frac, parallel to CA		
BG11-163	351.50	352.50	C12194	1.00	<.03	minor py stringers, 1-2mm at 351.8m,<1%		
BG11-163	384.25	385.00	C12195	0.75	<.03	slip at 384.3m 40 deg TCA with 0.25 cm wide qtz-dol vn + ser; 384.7 to 384.8m flt-slip with 2 cm wide bx+ qtz-dol vn'ing negl py; discordant with bedding		
BG11-163	385.00	386.00	C12196	1.00	<.03	385.5 to 386m flt-slip at 5 to 25 deg TCA with 2cm qtz-dol+ser+chl along bedding		
BG11-163	391.50	392.00	C12197	0.50	<.03	391.6 to 391.7m slip flt at 50 deg TCA with qtz vn'ing; negl py		
BG11-163	405.10	405.60	C12198	0.50	<.03	405.1-405.3m slip-faults with minor chl gouge+ qtz&qtz-dol vn'ing at 35 and 25 deg TCA		
BG11-163	405.60	406.10	C12199	0.50	<.03	405.65-405.75m 7cm wide 80% qtz+qtz-dol at 55 deg TCA adjacent slips		

Hole_ID	From	To	Sample_#	Length	Au ppm	Description	Au ppm_ck	Au ppm-ck2
BG11-163	411.00	411.50	C12200	0.50	<.03	qtz-ser-chlv at411.04- 411.07m@ 45 deg TCA, min py		
BG11-163	414.20	414.70	C12201	0.50	<.03	qtz-ser-chl v's; 414.39-414.41m; 414.44-414.47m@ 60 deg TCA; elongated clasts 10-20 deg TCA; min py, <<<1%		
BG11-163	429.00	429.50	C12202	0.50	<.03	slip, qtz-ser-ch v 429.18-421.35l; @ 35 deg TCA		
BG11-163	432.60	433.10	C12204	0.50	<.03	fault-gouge 432.81m, qtz-ser-chl at 432.81-439.89m @ 40 deg TCA		
BG11-163	451.40	452.00	C12205	0.60	<.03	slip @451.5 @ 25 deg TCA; qtz-ser v's @ 60 deg TCA		
BG11-163	454.60	455.20	C12206	0.60	<.03	fault- gouge 454.7-454.9m, 20 deg TCA; slip 455.06@ 30 deg TCA, qtz-ser-chl		
BG11-163	462.00	462.50	C12207	0.50	<.03	qtz-ser-chl gouge, 462.34-462.38m, 35 deg TCA		
BG11-163	479.00	480.00	C12208	1.00	<.03	qtz-ser v at 479.05- 479.18m; fault-gouge at 479.25m, angle =?		
BG11-163	482.60	483.50	C12209	0.90	<.03	contact arenite-conglomerate; 482.7m @ 15 deg TCA		
BG11-163	492.00	492.60	C12210	0.60	<.03	qtz-ser v along axis;492-492.3m, fract with chl infill		
BG11-163	494.00	494.50	C12211	0.50	<.03	grey-white qtz 494.13-494.29m@25 deg TCA, micro frac		
BG11-163	505.00	506.00	C12212	1.00	<.03	qtz-ser veining 20%, up to 2.5 cm wide@ 25 deg TCA		
BG11-163	508.20	508.70	C12213	0.50	<.03	qtz-ser veins, wormy, .5-1cm wide, 5-10% of section		
BG11-163	513.70	514.20	C12215	0.50	<.03	qtz-ser veins, 20% of sample,along foliation		
BG11-163	530.25	530.90	C12216	0.65	<.03	inc qtz-ser-chl veining, parallel to bedding, no sulphides		
BG11-163	531.50	532.10	C12217	0.60	<.03	fault-gouge , 531.8-531.9m 25 deg TCA, min qtz-ser veins		
BG11-163	536.90	537.40	C12218	0.50	<.03	wormy, qtz-ser veins, 25% of section		
BG11-163	548.00	549.00	C12219	1.00	<.03	fault, 548.2-548.3@25 deg TCA;fult 548.5-548.55@ 25 deg TCA; 10-15% qtz-ser		
BG11-163	549.00	550.00	C12220	1.00	<.03	slip 549.2-549.3@ 25 deg TCA, qt-ser-chl		
BG11-163	550.00	551.00	C12221	1.00	<.03	fault-gouge 550.08-550.12; 40 deg TCA		
BG11-163	557.00	558.00	C12222	1.00	<.03	inc qtz--ser veining at 557.2-557.5m, 25-35 deg TCA		
BG11-163	558.00	559.00	C12223	1.00	<.03	py seams, parralel to foliation, 1-2%, 558.8-558.9m		
BG11-163	559.00	560.00	C12224	1.00	<.03	fault 559.4-559.5, 25 deg TCA;py bands 559-559.35m, 1-2%		
BG11-163	560.00	561.00	C12225	1.00	<.03	py seams@ 25 deg TCA, 1-2%, 2-5mm wide		
BG11-163	561.00	562.00	C12226	1.00	<.03	min py seams, 1-2mm < 1%, parallel to foliation		
BG11-163	562.00	563.00	C12227	1.00	<.03	min py, dissem		
BG11-163	563.00	564.00	C12228	1.00	<.03	inc silica, qtz-ser-chl veins 563.7-564m		
BG11-163	566.10	566.90	C12230	0.80	<.03	qtz-ser-chl veins, wormy,min py, dissem		
BG11-163	569.00	569.70	C12231	0.70	<.03	inc sil, py in 1-2mm seams,1%, min dissem py		
BG11-163	572.00	572.70	C12232	0.70	<.03	1-2mm seams of py within qtz-chl veins, 15-20 deg TCA		
BG11-163	577.30	578.20	C12233	0.90	<.03	contact arenite-FP 577.45m@45 deg TCA; FP-arenite contact 578.12 @ 45 deg TCA		
BG11-163	580.30	581.20	C12234	0.90	<.03	qtz-ser-chl veins, parallel to foliation,min py, dissem		
BG11-163	581.20	582.30	C12235	1.10	<.03	10-15% qtz-ser-chl veins, 5-10 deg TCA, min py		
BG11-163	584.75	585.70	C12236	0.95	<.03	min swells of py in qtz-ser-chl veins		
BG11-163	585.70	586.40	C12237	0.70	<.03	inc swells of py in 1-2cm qtz-ser-chl veins, along axis		
BG11-163	586.40	586.90	C12238	0.50	<.03	1-3cm qtz-ser veins along axis, 30-50 deg TCA; min py		
BG11-163	586.90	587.50	C12239	0.60	<.03	10-15% qtz-ser-chl veins, 25-30 deg TCA, min py	..	
BG11-163	587.50	588.20	C12240	0.70	<.03	contact arenite-FP 587.97m@30 deg TCA		
BG11-163	593.40	594.00	C12241	0.60	<.03	micro frac, very min py		
BG11-163	594.00	594.70	C12242	0.70	<.03	inc chl in frac, min py		
BG11-163	595.30	596.30	C12243	1.00	<.03	10-15% qtz+ank vn'ing discontinuous and contorted by shearing in FP; 1% fg diss py; shearing at 20 to 35 deg TCA		
BG11-163	596.90	598.20	C12244	1.30	<.03	5-10% qtz-ank vn'ing with chl slips <1% dis py		
BG11-163	599.80	600.70	C12246	0.90	<.03	5-10% qtz-ank vn'ing with chl slips mainly along shear slips at 25 to 35 deg TCA <1% dis py		
BG11-163	605.70	606.70	C12247	1.00	<.03	5-15% qtz-ank vn'ing + perv sil alt'n + ser alt'n <1% py		
BG11-163	606.70	607.80	C12248	1.10	<.03	as above with qtz+ank vn'ing at 35 and 20 deg TCA		
BG11-163	610.90	612.00	C12249	1.10	<.03	as above with qtz+ank vn'ing at 35 and 20 deg TCA		
BG11-163	619.70	621.00	C12250	1.30	<.03	619.7 to 619.9m 1-2% diss py in qtz-chl lens along shears at 30 deg TCA, 5% qtz-ank veining; remaining sample <1% diss py		
BG11-163	621.00	622.00	C12251	1.00	<.03	<1% diss py; 10% qtz-ank veining up to 2 cm wide along shear slips		

Hole_ID	From	To	Sample_#	Length	Au ppm	Description	Au ppm_ck	Au ppm-ck2
BG11-163	622.00	623.00	C12252	1.00	<.03	622.9m contact FP-Arenite; <1% diss py, 10-15% qtz-ank veining concordant and discordant with shear slips		
BG11-163	623.00	624.00	C12253	1.00	<.03	arenite; tr py with 15-25% qtz-ank		
BG11-163	624.00	625.30	C12255	1.30	<.03	as with 623 to 624m		
BG11-163	627.30	627.90	C12256	0.60	<.03	627.4 to 627.6m 75% qtz-dol+chl with tr py		
BG11-163	629.50	631.00	C12257	1.50	<.03	tr py with 5-10% qtz-ank vn'ing along shear slips; at 630.7m 5cm wide qtz vn'ing with chl slips at 35 deg TCA		
BG11-163	631.00	632.50	C12258	1.50	<.03	tr py with 5-10% qtz-ank vn'ing along shear slips		
BG11-163	632.50	634.00	C12259	1.50	<.03	tr py with 35-45% qtz-ank vn'ing along shear slips		
BG11-163	634.00	635.50	C12260	1.50	<.03	634.8 to 635.1m start of cross fault badly broken ground tr py		
BG11-163	635.50	636.00	C12261	0.50	<.03	badly broken ground cross fault - strong chl + gouge on slips; tr py		
BG11-163	636.00	636.60	C12262	0.60	<.03	badly broken ground cross fault - strong chl + gouge on slips; tr py; Arenite-FP contact at 636.5m		
BG11-163	636.60	637.60	C12263	1.00	<.03	636.5 to 638.6m strong ser alt'n+oxy'd hem alt'n+25-45% qtz-ank+qtz-dol veining discontinuous with brittle frac'ing+shear slips at 15 and 45 deg TCA; 638.6 to 641.66m strong brittle frac'ing + non-penetrative micro frac'ing with ser + 5-10% qtz-dol veining sometimes with 3-5% hem and tr py;		
BG11-163	637.60	638.60	C12264	1.00	0.343	as described in 636.6 to 637.6m		
BG11-163	638.60	639.40	C12265	0.80	<.03	as described in 636.6 to 637.6m		
BG11-163	639.40	641.00	C12266	1.60	<.03	as described in 636.6 to 637.6m		
BG11-163	641.00	642.00	C12267	1.00	<.03	as described in 636.6 to 637.6m; 641.66m FP-Diorite Bx contact		
BG11-163	642.00	643.00	C12268	1.00	<.03	1% hem in discontinuous frac's; 5%qtz-dol vn'ing		
BG11-163	643.00	644.40	C12269	1.40	<.03	as above but some moly on occasional slips; 5% qtz-dol vn'ing		
BG11-163	644.40	645.50	C12321	1.10	0.274	10-15% qtz-dol vn'ing in 0.25 to 3cm wide veins at 30 to 35 deg TCA; tr py		
BG11-163	645.50	647.00	C12322	1.50	0.069	10-15% qtz-dol vn'ing in narrow vn'lets at 25 to 35deg TCA up to 0.5cm wide		
BG11-163	647.00	648.00	C12323	1.00	0.137	647.22 and 647.65m two qtz -dol vn's at 0.2cm and 2cm wide at 75 and 25 deg TCA; <1% py		
BG11-163	650.00	651.00	C12324	1.00	0.411	650.4m 3mm wide qtz-dol vn at 75 deg TCA with 3% py; moly on one slip		
BG11-163	**654.40**	**655.40**	**C12325**	**1.00**	**0.754**	**654.5 to 654.7m 1cm wide at 20 deg TCA with hydrothermal bx; tr py; spotty albite alt'n**		
BG11-163	662.10	663.00	C12326	0.90	<.03	slip with adj qtz-dol at 622.2m at 45 deg TCA and one qtz-dol vn at 662.75m 1cm wide at 45 deg TCA		
BG11-163	663.00	664.00	C12327	1.00	<.03	10-15% qtz-dol vn'ing irregular and discontinuous; tr py and 1% hem		
BG11-163	**664.00**	**664.70**	**C12328**	**0.70**	**0.754**	**664.2m 2.5cm wide qtz-dol+ grey qtz vn at 50 deg TCA with 5% py on margin; at 664.3m slip at 50 deg TCA**		
BG11-163	666.50	667.50	C12331	1.00	0.137	five qtz-dol vn's up to 2cm wide at 30 to 55 deg TCA; tr py; 1% hem in frac's		
BG11-163	667.50	669.00	C12332	1.50	0.274	micro discontinuous brittle frac'ing with 3-5% spec hem+qtz-dol; tr py; perv sil alt'n with orange brown hue		
BG11-163	669.00	670.00	C12333	1.00	0.274	as above		
BG11-163	670.00	670.90	C12334	0.90	<.03	670.15m fault mylonitic at 50 deg TCA with qtz-dol+chl slips; 15-20% qtz-dol vn'ing; tr py		
BG11-163	670.90	672.00	C12335	1.10	0.411	671.3m 0.6cm wide qtz dol vn adjacent to 55 deg TCA slip; 1-5% spec hem in some qtz vn's		
BG11-163	672.00	672.50	C12270	0.50	<.03	672.2m 1.5 cm wide qtz-dol vn at 25 deg TCA; other 15-20% qtz-dol vn'ing; 1% diss py		
BG11-163	672.50	673.25	C12271	0.75	<.03	strong frac'ing' 1-3% diss py		
BG11-163	**673.25**	**673.80**	**C12272**	**0.55**	**2.571**	**673.3m fault mylonitic with porcelain style qtz at 35 deg TCA; irregular qtz with 3-7% fg py; 5-15% dk qtz vn'ing irregular + qtz-dol vn'ing; 5-7% dis py in frac'ing**	2.74	2.40
BG11-163	**673.80**	**674.40**	**C12273**	**0.60**	**2.091**	**673.8 to 674.05m 4 cm wide white-grey qtz with 45% py at 20 deg TCA; other 20% qtz-dol vn'lets**	2.13	2.06
BG11-163	674.40	675.30	C12275	0.90	0.274	1% diss py in irregular frac's; 675.25m 0.5cm wide qtz vn with 20% pt at 65 deg TCA		
BG11-163	675.30	676.00	C12277	0.70	<.03	15-20% qtz-dol vn'ing; 1% diss py in frac's		
BG11-163	676.00	677.00	C12278	1.00	0.069	as above; at 676.6m flt at 75 deg TCA ith adjacent qtz-dol		
BG11-163	677.00	678.00	C12279	1.00		strong frac'ing with qtz-dol; 1% diss py		
BG11-163	678.00	679.50	C12336	1.50	<.03	5-15% qtz-dol grey to porcelain white at variable angles but commonly at 35 to 55 deg TCA and up to 2 cm wide; tr py		
BG11-163	679.50	681.00	C12337	1.50	<.03	as above		
BG11-163	681.00	682.50	C12338	1.50	<.03	5% qtz vn'ing; tr py; tr hem		
BG11-163	682.50	683.40	C12339	0.90	0.343	682.85m 2cm wide qtz-dol vn with 10% diss py at 35 deg TCA; 683.1m 3mm wide qtz-carb vn at 10 deg TCA		
BG11-163	683.40	684.50	C12340	1.10	<.03	5% qtz-dol vn'ing; tr py		

Hole_ID	From	To	Sample_#	Length	Au ppm	Description	Au ppm_ck	Au ppm-ck2
BG11-163	684.50	685.30	C12341	0.80	<.03			
BG11-163	687.60	688.40	C12342	0.80	<.03	687.9m flt at 65 deg TCA with adjacent qtz-dol		
BG11-163	690.20	690.70	C12343	0.50	<.03	690.21m 1cm wide qtz vn at 70 deg TCA 1.5cm wide; tr py on margin		
BG11-163	693.25	694.00	C12344	0.75	<.03	693.8m 2cm wide multi slips at 40-45 deg TCA with mauve qtz+spec hem+py; tr py and <1% spec hem for remainder of sample and chl in slips and in frac's at 5 to 25 deg TCA		
BG11-163	694.00	695.00	C12345	1.00	<.03	negl py; chl in slips at 15 to 25 deg TCA		
BG11-163	695.00	695.80	C12346	0.80	<.03	infill sample		
BG11-163	695.80	696.80	C12347	1.00	<.03	4 -parallel mauve + white qtz vn's at 20 deg TCA up to 1.5cm wide with tr py at margins; 695.8 to 696.3m orange brown matrix due to sil alt'n		
BG11-163	698.70	699.50	C12348	0.80	<.03	one calcite vn at 698.8m 2 cm wide at 75 deg TCA with spec hem, tr py		
BG11-163	702.00	702.50	C12349	0.50	<.03	two white-grey qtz vn's up to 1cm wide at 30 deg TCA; tr py		
BG11-163	704.80	705.70	C12350	0.90	0.069	four grey qtz vn's up to 0.75cm wide at 20-30 deg TCA; tr py		
BG11-163	**706.70**	**707.55**	**C12351**	**0.85**	**0.960**	**infill sample**		
BG11-163	707.55	708.40	C12352	0.85	0.274	multiple slip/frac's with two adjacent mauve-white qtz veining at 25 - 30 deg TCA and 40 deg TCA up to 0.5cm wide; 3cm wide qtz - carb vn at 708.25m at 40 deg TCA with 1-3% fg py;		
BG11-163	708.40	709.40	C12353	1.00	<.03	multiple slips with 1-2 qtz-dol vn's adjacent to some slips at 30 to 40 deg TCA; <1% py		
BG11-163	709.40	710.10	C12354	0.70	<.03	tr py, multpile slips; weak 1mm wide qtz-dol vn'lets		
BG11-163	710.10	711.00	C12280	0.90	<.03	1-3% spec hem and 1% diss py in strong frac'ing + 5% qtz-dol vn'ing		
BG11-163	711.00	711.80	C12281	0.80	<.03	1-3% diss py and 2-5% spec hem in qtz-dol vn'lets, strong brittle frac'ing at 25 and 40-45 deg TCA		
BG11-163	**711.80**	**713.00**	**C12282**	**1.20**	<.03	**strong frac'ing at 15 and 35 deg TCA with qtz-dol and 2-5% spec hem and 1-3% py**		
BG11-163	**713.00**	**713.90**	**C12283**	**0.90**	**0.754**	**at 713m slip-fault at 25 deg TCA with white porcelain qtz; 2cm wide dk black + white qtz vn at 25 deg TCA with 2% py on margins; parallel qtz-dol vn'ing at 25 deg TCA 0.5cm wide; 5-7% in other <1mm frac's at 20 deg TCA**		
BG11-163	**713.90**	**714.70**	**C12285**	**0.80**	<.03	**714 to 714.7m 100% mostly dk+ minor white qtz, moderate micro frac'ing with 1-3% py in micro frac;ing**		
BG11-163	**714.70**	**715.80**	**C12286**	**1.10**	**0.617**	**strong frac'ing at predominantly 30 to 45 deg TCA; 7-15% spec hen; 3-5% diss py; strong silica ~50%**		
BG11-163	715.80	716.40	C12288	0.60	0.137	as above but at 716.3m diorite-diorite bx contact at 25 deg TCA		
BG11-163	**716.40**	**717.30**	**C12289**	**0.90**	**0.960**	**strong frac'ing at 25 and 45 deg TCA; 35-50% qtz-dol vn'ing and late qtz-dol vn'ing at 0 deg TCA with 3-5% py in vn'ing-frac's especially at 716.4 to 716.7m with slip-fault at 716.67 at 20 deg TCA with fg py**		
BG11-163	717.30	718.30	C12290	1.00	0.274	strong frac'ing with chl+qtz-dol; 1% diss py; 10-20% qtz-dol vn'ing		
BG11-163	**718.30**	**719.10**	**C12291**	**0.80**	**0.754**	**as above**		
BG11-163	**719.10**	**719.60**	**C12355**	**0.50**	**0.960**	**719.3m slip fault at 45 deg TCA with qtz-dol; 1- 2cm wide qtz-dol vn at 5 deg TCA; 1% py in discontinuous irregular qtz**		
BG11-163	**719.60**	**720.20**	**C12356**	**0.60**	**0.891**	**1% py in wispy hairline frac'ing in possible FP at 15 to 25 deg TCA**		
BG11-163	**720.20**	**721.00**	**C12358**	**0.80**	**0.617**	**1mm wide dk qtz vn'lets at 15 deg TCA and later white qtz-dol at 20 to 35 deg TCA along slips and sometimes having py; overall 1-2%**		
BG11-163	**721.00**	**721.80**	**C12359**	**0.80**	**0.754**	**irregular qtz and qtz dol vn'let 1-3mm wide at 0 and 15 deg TCA, with 1-2% fg py**		
BG11-163	**721.80**	**722.60**	**C12361**	**0.80**	**0.754**	**one or two 1-3mm wide shattered qtz vn'lets at 0 deg TCA with 1-2% fg py**		
BG11-163	722.60	723.50	C12362	0.90	<.03	as above but with 5% grey qtz vn'lets, irregular and discontinuous		
BG11-163	**723.50**	**724.50**	**C12363**	**1.00**	**0.960**	**hairline frac's with qtz-dol + 1-3% fg py; one slip at 35 deg TCA with adjacent 0.3cm wide qtz vn with 1% py**		
BG11-163	**724.50**	**725.50**	**C12364**	**1.00**	**13.200**	**four-parallel mauve-grey qtz veins with micro frac's healed with white qtz-dol at 10-15 deg TCA up to 0.5cm wide 1-3% diss py**	**14.61**	**11.79**
BG11-163	**725.50**	**726.50**	**C12365**	**1.00**	**0.549**	**two slips with hairline to 1mm wide qtz-dol with 5-10% fg py at 30 deg TCA; one qtz-dol vn with 3-5% py at 40 deg TCA at 0.5 cm wide**		
BG11-163	726.50	727.50	C12366	1.00	0.411	one 0.25cm wide qtz vn at 30 deg TCA with 5% fg py		
BG11-163	727.50	728.20	C12367	0.70	0.069	four 5-10 deg grey qtz vn'lets along slips up to 3mm wide with 3-7% fg py on margins		
BG11-163	728.20	728.70	C12368	0.50	<.03	Diorite Bx-FP contact at 728.27m; flt -slip at 728.7m at 25 deg TCA		
BG11-163	728.70	729.30	C12292	0.60	0.411	10-15% qtz-dol vn'ing; hairline to 1mm frac' at 25 deg TCA with 1-2% py		
BG11-163	729.30	730.00	C12293	0.70	0.411	1-2% fg diss py in discontinuous frac's		

Hole_ID	From	To	Sample_#	Length	Au ppm	Description	Au ppm_ck	Au ppm-ck2
BG11-163	730.00	731.00	C12294	1.00	0.617	1-2% diss py along discontinuous qtz vn's and in frac's		
BG11-163	731.00	731.60	C12295	0.60	0.206	mod brittle frac'ing with 1-3% py f.g.; 10-15% qtz-dol vn'ing		
BG11-163	731.60	732.20	C12296	0.60	0.617	at 731.6 2cm wide qtz-dol at 25 deg TCA; rare frac's at 25 deg TCA with py 1-2%		
BG11-163	732.20	733.00	C12297	0.80	0.686	at 732.4m 1.5cm wide white porcelain qtz at 65 deg TCA with 50% py; four 1-2mm wide qtz vn's at 35 deg TCA with 3-7% py; fault-slip at 732.75m at 65 deg TCA		
BG11-163	733.00	733.90	C12298	0.90	0.206	at 733.7m 1mm wide frac's with 1-2% py		
BG11-163	733.90	734.70	C12299	0.80	0.137	tr py; <5% qtz vn'ing		
BG11-163	734.70	735.50	C12300	0.80	0.549	three mauve-white coloured qtz vn'ing up to 1 cm wide with 3-7% py at 40 to 50 deg TCA		
BG11-163	735.50	736.40	C12301	0.90	0.754	20-30% transparent grey qtz vn'ing with 1-3% hem; 1% py; some moly on frac-slips		
BG11-163	736.40	737.40	C12302	1.00	0.206	10-15% qtz-dol vn'ing at 45 to 60 deg TCA; <1% py		
BG11-163	737.40	738.60	C12369	1.20	0.206	three 0.5 m wide grey qtz vn's at 65 deg TCA; 0.1cm wide qtz-carb vn's with tr py		
BG11-163	738.60	740.10	C12370	1.50	0.686	3-10% qtz-carb vn'lets and stringers with 1-2% py		
BG11-163	741.00	741.80	C12371	0.80	<.03	four slips with adjacent qtz+carb-qtz up to -4mm wide at 35 and 20 deg TCA with 1-3% fg py		
BG11-163	746.00	747.00	C12372	1.00	0.206	746.1m 2cm wide carb+chl vn'ing at 65-70 deg TCA; tr py; 746.95m 70 deg TCA hairline carb vn'let with py		
BG11-163	752.50	753.70	C12373	1.20	0.823	752.55 to 753.7m 0 deg TCA sinuous slip+qtz-carb vn up to 1.5cm wide with 1-3% py		
BG11-163	753.70	754.40	C12374	0.70	0.617	as described above; diorite bx-diorite contact at 754.15m		
BG11-163	755.40	756.00	C12375	0.60	0.274	755.55m weak slip with chl at 50-55 deg TCA		
BG11-163	756.00	756.70	C12376	0.70	0.823	weak hairline frac's with weak carb at 25 to 30 and 45 deg TCA with tr py		
BG11-163	757.30	758.30	C12377	1.00	0.686	4 - hairline frac's with py at 35to 40 deg TCA		
BG11-163	758.30	759.00	C12378	0.70	0.823	1-2% fg py in weak to mod micro-fracturing		
BG11-163	759.00	759.70	C12379	0.70	0.823	1% fg py in weak frac'ing; 759.5 Diorite-FP contact		
BG11-163	759.70	760.70	C12380	1.00	1.269	FP; one carb vn 0.5 cm wide with 1% py	1.303	1.234
BG11-163	762.00	762.70	C12381	0.70	0.343	outlier sample in FP		
BG11-163	762.70	763.30	C12382	0.60	1.166	FP-diorite contact at 762.75; 1-3% in micro hairline frac'ing	1.097	1.234
BG11-163	763.30	764.20	C12383	0.90	1.269	3- carb slips at 15, 30 and 65 deg TCA with py up to 2mm wide; overall 1% py	1.166	1.371
BG11-163	764.20	765.00	C12385	0.80	1.097	tr py in weak hairline frac'ing	1.097	1.097
BG11-163	765.00	766.00	C12386	1.00	0.823	12 - hairline frac's with carb+qtz+py at 30 deg TCA		
BG11-163	766.00	767.00	C12387	1.00	1.063	1% py in few carb slip vn'lets at 15 & 30 deg TCA; start of 0 deg TCA carb vn at 767.77m	1.097	1.029
BG11-163	767.00	768.00	C12388	1.00	0.823	767.77 to 768.1m 0 deg TCA carb+chl vn at up to 1cm wide with 2-3% py		
BG11-163	768.00	769.00	C12389	1.00	5.314	768.4-768.5m 5cm wide carb vn at 45 deg TCA with py	6.034	4.594
BG11-163	769.00	770.50	C12390	1.50	1.372	tr py in hairline frac's + carb	1.166	1.577
BG11-163	770.50	771.50	C12303	1.00	0.274	one to two white carb vn'ing 1-2mm wide at 45 deg TCA with 1-3% py in magnetic diorite with perv chl alt'n		
BG11-163	771.50	772.50	C12305	1.00	0.480	<1% diss py; weak frac'ing with carb		
BG11-163	772.50	773.00	C12306	0.50	0.960	three to five hairline frac's with py at 20 to 30 deg TCA + carb		
BG11-163	773.00	774.00	C12307	1.00	0.480	1% diss py; hairline carb in frac's		
BG11-163	774.00	774.80	C12308	0.80	0.960	two to four 1mm-3mm wide carb vn'lets with py at 20-25 deg TCA		
BG11-163	774.80	775.60	C12309	0.80	1.200	eight to ten hairline frac's with py and carb at 25 to 30 deg TCA	1.234	1.166
BG11-163	775.60	776.30	C12311	0.70	1.063	strong perv sil + carb alt'n, three py vn's at 1cm , 0.75 cm and 0.5cm wide at 45 to 55 deg TCA with 95% py	1.097	1.029
BG11-163	776.30	777.00	C12312	0.70	1.303	<1% py; <5% qtz-dol vn'ing	1.303	1.303
BG11-163	777.00	778.10	C12392	1.10	0.960	four qtz-dol vn's up to 1.2 cm wide at 50 deg TCA; 777.8-778.05 FP dyke		
BG11-163	780.00	781.00	C12393	1.00	<.03	780.05-780.2m slip-shears at 30 deg TCA at Diorite-FP contact with ser+1.2cm qtz-dol; tr py; remainder of sample negl py		
BG11-163	781.00	782.00	C12394	1.00	0.137	781.75m 3mm wide py vn at 25 deg TCA; 15% qtz irregular & discontinuous sweats at 781-781.4m, 781.9m slips with ser+1cm qtz-dol vn'ing at 30 deg TCA		
BG11-163	789.40	790.40	C12395	1.00	0.960	789.5m 3mm wide qtz vn with 3% py and 790.3m 1mm vn with py		
BG11-163	793.60	794.20	C12406	0.60	<.03	section of 15 - 25 deg TCA qtz vn's with spec hem up to 4mm wide		
BG11-163	800.00	801.20	C12396	1.20	<.03	800-800.25m two 1mm wide frac's with py + qtz at 25 deg TCA; 800.9 to 801.1m 15% diss py in matrix		
BG11-163	801.20	802.10	C12397	0.90	<.03	weak carb vn'ing; negl py		
BG11-163	802.10	802.80	C12398	0.70	0.274	5-10% carb vn'ing; 1 - py vn'let 1mm wide		

Hole_ID	From	To	Sample_#	Length	Au ppm	Description	Au ppm_ck	Au ppm-ck2
BG11-163	802.80	804.20	C12399	1.40	0.137	1% fg py in weak hairline brittle frac-slips		
BG11-163	804.20	805.00	C12400	0.80	0.206	3-5% anhedral py in carb vn'ing up to 3mm wide at 25 deg TCA and in hairline frac's; 10-15% carb vn'ing		
BG11-163	805.00	806.00	C12401	1.00	<.03	1% fg py in weak hairline brittle frac-slips		
BG11-163	806.00	807.00	C12402	1.00	<.03	1-3% diss py in matrix and on margins of carb vn'ing		
BG11-163	807.00	807.70	C12403	0.70	<.03	<1% py in one carb vn at 45 deg TCA; 5% carb vn'ing		
BG11-163	807.70	808.70	C12404	1.00	<.03	807.7-807.9m 3-5% py in frac's; 1-3% py in frac's for remainder of sample		
BG11-163	808.70	810.00	C12405	1.30	<.03	1-2% py in irregular frac's; 10% white carb discontinuous vn'lets		
BG11-163	810.00	810.80	C12407	0.80	0.137	810.2-810.3m 5-8% fg py in 0 deg TCA carb vn + irregular frac's adjacent to the vn; 1-3% fg py in hairline frac's for remainder of sample at 35 to 45 deg TCA		
BG11-163	810.80	811.70	C12408	0.90	1.303	811.2m 1-3mm wide py band at 40 deg TCA; 1% fg diss py in 5cm wide section; <5% late white carb vn'ing	1.371	1.234
BG11-163	811.70	812.70	C12410	1.00	<.03	one 0.2cm wide py-qtz vn		
BG11-163	812.70	813.90	C12412	1.20	0.206	813.68 to 813.8m two - py qtz-carb vn's at 35 deg TCA, 0.75cm and 1mm wide		
BG11-163	813.90	814.50	C12413	0.60	<.03	tr py in one hairline frac		
BG11-163	814.50	815.50	C12414	1.00	0.274	1-3% fg py in weak brittle frac's at 30-40 deg TCA		
BG11-163	815.50	816.30	C12415	0.80	<.03	infill sample, tr py		
BG11-163	**816.30**	**816.90**	**C12416**	**0.60**	**0.617**	**816.5m slip at 35 deg TCA with adjacent 1.25cm qtz-minor carb vn with 5% fg diss py, vn is discontinuous; 1-3% py in other hairline frac's**		
BG11-163	816.90	817.60	C12417	0.70	<.03	outlier sample		
BG11-163	819.00	820.50	C12418	1.50	<.03	0 deg TCA carb vn with tr py on margins		
BG11-163	820.50	821.20	C12419	0.70	0.480	15-25% qtz and qtz-carb vn'ing at 30-40 deg TCA and at 65 deg TCA; 1% py		
BG11-163	*821.20*	*822.00*	*C12420*	*0.80*	*0.137*	*821.4 to 821.7m 5-8% diss py in 25 to 35 and 75 deg TCA frac's and with qtz+carb vn'ing*		
BG11-163	822.00	823.20	C12421	1.20	<.03	tr py; 10-15% qtz vn'ing		
BG11-163	823.20	824.40	C12422	1.20	<.03	0 deg TCA carb vn'ing at 0 deg TCA; dk qtz vn 0.5cm wide at 75 deg TCA		
BG11-163	824.40	825.60	C12423	1.20	<.03	early 15-25% qtz vn'ing at 75 to 85 deg TCA; late white carb vn'ing; tr py		
BG11-163	825.60	826.70	C12424	1.10	<.03	as above		
BG11-163	828.20	829.20	C12425	1.00	<.03	828.2m 2mm wide early carb vn'let at 15 deg TCA; one 1-2mm wide carb+py vn'let at 25-30 deg TCA; 1% diss py in matrix		
BG11-163	831.00	832.40	C12426	1.40	<.03	20-25% carb + carb-qtz vn'ing at 15 to 30 deg TCA up to 1cm wide occasionally with splashes of cpy		
BG11-163	832.40	833.50	C12427	1.10	<.03	as above		
BG11-163	833.50	834.50	C12428	1.00	<.03	5-10% carb vn'ing at 5-10 deg TCA with splashes of cpy		
BG11-163	834.50	835.50	C12429	1.00	<.03	diorite bx-diorite contact at 80-90 deg TCA; 834.87m 1mm wide py band with epi at 60 deg TCA		
BG11-163	835.50	836.70	C12430	1.20	<.03	infill sample tr py		
BG11-163	836.70	837.40	C12431	0.70	0.480	837.1m weak py banding 1-2mm wide at 45 -50 deg TCA; late chl vn at 10 de TCA		
BG11-163	837.40	838.30	C12313	0.90	0.274	0 -5 deg TCA carb-qtz vn at 0.1 to 0.75 cm wide; frac's with epi alt'n+carb		
BG11-163	**838.30**	**839.00**	**C12314**	**0.70**	**0.960**	**two to three py vn's at 838.65 and 838.95m at 45 to 50 deg TCA at 1.5 and 0.1cm wide qtz-carb vn's with 65 to 85% py**		
BG11-163	839.00	839.60	C12315	0.60	0.069	tr py; 0.5cm carb vn with 5% py and cpy at 25 deg TCA		
BG11-163	**839.60**	**840.30**	**C12316**	**0.70**	**0.617**	**3-7% py in multiple hairline frac's at 45, 65 and 25 deg TCA with carb+epi**		
BG11-163	**840.30**	**841.00**	**C12317**	**0.70**	**1.783**	**weak to mod frac'd section with 7-10% py in multiple frac's with qtz+carb at 25 and 45 deg TCA**	1.920	1.646
BG11-163	**841.00**	**841.80**	**C12318**	**0.80**	**2.366**	**841 to 841.6m 10-15% fg py proximal to hairline frac's at 25 to 30 deg TCA with 5-10% leuc flecs, more perv sil and less carb alt'n**	2.469	2.263
BG11-163	**841.80**	**842.60**	**C12319**	**0.80**	**2.263**	**841.05m 1 cm wide 80% py vn at 70-80 deg TCA; remainder of sample 1-2% diss py**	1.920	2.606
BG11-163	842.60	843.50	C12320	0.90	0.274	one to two hairline frac's with 1% diss py		
BG11-163	843.50	844.50	C12432	1.00	0.480	weak 5% leuc flec'ing; 40-45 deg TCA hairline conjugate frac's overall 1-2% py		
BG11-163	844.50	845.10	C12433	0.60	1.886	844.5 to 844.8m 3-5% fg py in weak frac'ing	2.126	1.646
BG11-163	845.10	846.00	C12434	0.90	0.206	<1% py; 3cm wide carb-qtz vn at 30 deg TCA		
BG11-163	846.00	847.10	C12435	1.10	<.03	infill sample		
BG11-163	847.10	848.00	C12436	0.90	1.612	1-5% fg diss py, <5% leuc flecs	1.783	1.440
BG11-163	848.00	849.20	C12438	1.20	0.343	<1% py		
BG11-163	851.40	852.00	C12439	0.60	2.366	851.45-851.7 45-50% qtz vn'ing; 1-5% fg py on margins and in frac's	2.263	2.469
BG11-163	852.00	852.80	C12440	0.80	2.812	infill sample; tr py in weak frac'ing	3.017	2.606

Hole_ID	From	To	Sample_#	Length	Au ppm	Description	Au ppm_ck	Au ppm-ck2
BG11-163	**852.80**	**853.70**	**C12441**	**0.90**	**0.617**	**3-7% py minerlization associated with 15-25% carb vn'ing at 852,86-852.91 and 853.5-853.7m**		
BG11-163	853.70	854.80	C12442	1.10	1.337	infill sample; tr py in weak frac'ing	1.303	1.371
BG11-163	854.80	856.40	C12443	1.60	1.406	infill sample	1.440	1.371
BG11-163	856.40	857.00	C12444	0.60	0.343	infill sample		
BG11-163	857.00	857.70	C12445	0.70	0.069	infill sample		
BG11-163	**857.70**	**858.40**	**C12446**	**0.70**	**0.686**	**857.84-857.91m 4 cm wide qtz vn at 85 deg TCA**		
BG11-163	*858.40*	*858.90*	*C12447*	*0.50*	2.846	*858.57-858.75m 19cm wide 7-10% py in frac's with 10-15% qtz-carb vn'ing*	3.086	2.606
BG11-163	858.90	859.50	C12448	0.60	0.069	tr py		
BG11-163	861.00	862.00	C12450	1.00	0.411	3-5% diss and anhedral py in weak <1mm frac's at 35 and 65 deg TCA; 5-10% leuc flecs		
BG11-163	**862.00**	**863.00**	**C11901**	**1.00**	**0.617**	**two - 3-4 cm wide sections of 1-5% fg py in weak hairline frac'ing and white carb vn'ing at 60-65 deg TCA**		
BG11-163	**863.00**	**864.00**	**C11902**	**1.00**	**0.686**	**<1% py in weak hairline frac's**		
BG11-163	864.00	865.10	C11903	1.10	<.03	10-15% late white carb vn'ing with 1-2% py proximal and within vn'ing		
BG11-163	**867.50**	**868.60**	**C11904**	**1.10**	**0.617**	**outlier sample**		
BG11-163	868.60	869.40	C11905	0.80	0.343	1% py in weak narrow carb - epi vn'lets		
BG11-163	869.40	870.40	C11906	1.00	0.069	as above but tr py		
BG11-163	870.40	871.00	C11907	0.60	<.03	870.47m 0.5cm wide qtz-carb vn with 50% fg py at 45 deg TCA; 10%-15% late white qtz-carb vn'ing		
BG11-163	871.00	871.50	C11908	0.50	<.03	871.16m 3mm wide py frac-vn at 60 deg TCA		
BG11-163	871.50	872.50	C11909	1.00	<.03	<1% py in weak frac'ing		
BG11-163	*872.50*	*873.20*	*C11910*	*0.70*	*<.03*	*872.6 to 878.1m Shear Zone :872.6 to 878.1m mod shear 872.6 to 873.7m 60 deg TCA, 873.7 to 878.1m 15 deg TCA, 15-25% leuc flecs, 1-8% anhedral py, 15-45% carb vn'ing, chl slips, at 876.2 to 876.36m 1cm wide qtz-carb vn at 25 deg TCA with 5% cpy*		
BG11-163	*873.20*	*874.00*	*C11911*	*0.80*	*<.03*	*as described in 872.5 to 873.2m*		
BG11-163	*874.00*	*875.00*	*C11912*	*1.00*	1.989	*as described in 872.5 to 873.2m*	1.371	2.606
BG11-163	*875.00*	*876.00*	*C11913*	*1.00*	2.400	*as described in 872.5 to 873.2m*	2.057	2.743
BG11-163	*876.00*	*876.70*	*C11914*	*0.70*	*<.03*	**as described in 872.5 to 873.2m; 876.2 to 876.36m 1cm wide qtz-carb vn at 25 deg TCA with 5% cpy**		
BG11-163	*876.70*	*877.20*	*C11915*	*0.50*	*<.03*	*as described in 872.5 to 873.2m*		
BG11-163	*877.20*	*878.20*	*C11916*	*1.00*	*<.03*	*as described in 872.5 to 873.2m*		
BG11-163	878.20	879.60	C11917	1.40	<.03	5-10% leuc flec's; tr py in hairline frac's		
BG11-163	880.40	880.90	C11920	0.50	<.03	880.6m 0.5cm grey carb vn at 45 deg TCA, tr py		
BG11-163	881.65	882.60	C11921	0.95	<.03	882-882.45m 0 deg TCA irregular carb vn'ing ; 5-10% leuc flecs, tr py		
BG11-163	887.00	888.10	C11922	1.10	<.03	1% anhedral py in carb vn'ing at 887 to 887.3m		
BG11-163	891.20	892.60	C11923	1.40	<.03	15-25% leuc flec'ing; 5% late carb vn'ing , <1% py		
BG11-163	892.60	893.20	C11924	0.60	<.03	20-30% carb+carb+grey qtz vn'ing at 0-15 deg TCA; tr py		
BG11-163	893.20	894.00	C11925	0.80	<.03	as above; but with 1% black metallic lustre mineral		
BG11-163	894.00	895.00	C11926	1.00	<.03	20-30% leuc flecs with tr py		
BG11-163	895.00	896.10	C11927	1.10	<.03	891.3 to 902.6m 15-20% leuc flec alt'n weak to mod shear fabric at 30-45 and 15 deg TCA with weak to mod hairline to 1-3mm qtz-carb vn'lets, tr py		
BG11-163	896.10	897.00	C11928	0.90	<.03	as described in 895 to 896.1m		
BG11-163	897.00	898.30	C11929	1.30	<.03	as described in 895 to 896.1m		
BG11-163	898.30	899.00	C11930	0.70	<.03	as described in 895 to 896.1m		
BG11-163	899.00	900.00	C11931	1.00	<.03	as described in 895 to 896.1m		
BG11-163	900.00	901.20	C11932	1.20	<.03	as described in 895 to 896.1m		
BG11-163	901.20	902.30	C11933	1.10	<.03	as described in 895 to 896.1m		
BG11-163	*902.30*	*903.30*	*C11934*	*1.00*	*<.03*	*902.65-904.8m 0-10deg TCA strong shear- flt with 65%qtz-dol-carb-chl salmon-white colour with 5-7% fg py, 3-7% pyrrhotite ('po') brassy colour - strongly magnetic + possible 1-2% spec hem*		
BG11-163	*903.30*	*904.00*	*C11935*	*0.70*	*<.03*	*as described in 902.3-903.3m*		
BG11-163	*904.00*	*904.80*	*C11936*	*0.80*	*<.03*	*as described in 902.3-903.3m*		
BG11-163	904.80	906.00	C11937	1.20	<.03	weak shearing fabric at 40 and 15 deg TCA; negl py		
BG11-163	906.00	907.00	C11938	1.00	<.03	in fill sample		
BG11-163	907.00	908.20	C11939	1.20	<.03	907.5m 3mm qtz-carb vn at 55 deg TCA, tr py		

Hole_ID	From	To	Sample_#	Length	Au ppm	Description	Au ppm_ck	Au ppm-ck2
BG11-163	908.20	909.30	C11940	1.10	<.03	in fill sample; 3cm wide slips with chl at 35 deg TCA		
BG11-163	909.30	910.30	C11941	1.00	<.03	909.3 to 910.65m 0.1 cm to 1.5 cm wide carb vn with <1 to 3% fg py at 0-10 deg TCA		
BG11-163	910.30	911.00	C11942	0.70	<.03	as described in 909.3-910.3		
BG11-163	911.00	912.00	C11943	1.00	<.03	10% carb vn'ing at 15 deg TCA with rare splashes of cpy		
BG11-163	912.00	913.10	C11944	1.10	0.069	as above		
BG11-163	915.70	916.20	C11946	0.50	<.03	2cm wide carb vn at 40 deg TCA with leuc flec margins; tr py		
BG11-163	916.80	917.80	C11947	1.00	<.03	917.2-917.6m 5-10% leuc flecs, 25-30% carb vn'ing at 10 & 30 deg TCA		
BG11-163	921.00	922.10	C11948	1.10	<.03	5-15% leuc flecs, weak slips with chl at 60 deg TCA; negl py		
BG11-163	924.00	925.40	C11950	1.40	<.03	15-20% carb vn'ing at 0 and 20 deg TCA with tr py and rare splashes of cpy		
BG11-163	925.40	926.90	C11951	1.50	<.03	as above but carb vn'ing at predominantly 40 deg TCA		
BG11-163	926.90	928.00	C11952	1.10	<.03	as above but carb vn'ing at 30 deg TCA		
BG11-163	928.00	929.20	C11953	1.20	<.03	in fill sample		
BG11-163	930.40	931.40	C11954	1.00	<.03	913.1m 2cm wide qtz-dol vn at 70 deg TCA		
BG11-163	931.40	932.30	C11955	0.90	<.03	mutliple qtz-dol vn'lets 1mm wide at 65 deg TCA, minor leuc flec's at <5%		
BG11-163	**932.30**	**933.00**	**C11956**	**0.70**	**1.098**	**932.67 to 932.75m 8 cm wide grey qtz adjacent to slip frac's with 40% anhedral py+ leuc at 65 and 75 deg TCA;** at 932.5 1mm wide disjointed magnetite vn 1mm wide	**1.166**	**1.029**
BG11-163	933.00	933.70	C11957	0.70	<.03	mutliple qtz-dol vn'lets 1mm wide and hairline slips at 65 deg TCA, minor leuc flec's at <5%		
BG11-163	933.70	934.40	C11958	0.70	<.03	1-3% leuc flec's; 1-5% magnetite in blebs and 1mm wide vn'lets; 934.08m 3-7% fg py in 2mm wide qtz vn'let at 85 deg TCA, <1% py in other late white carb and qtz-carb vnlets		
BG11-163	934.40	935.00	C11959	0.60	0.206	5-7% leuc flec's in 4-6cm wide sections;934.8m late white qtz-carb vn'lets at 30-35 deg TCA with 5-10% py 2-3mm wide, conjugate		
BG11-163	935.00	936.00	C11960	1.00	<.03	3-5% <1mm wide early sinuous magnetite vn'lets; 10-15% late carb and qtz-dol vn'lets at generally 50-60 deg TCA; <1% py near vn'let margins; 10-15% leuc flecs		
BG11-163	936.00	937.00	C11961	1.00	0.137	as above; 936.85-936.93m 3mm wide qtz-carb vn'let at 40 deg TCA with 3-5% fg py		
BG11-163	937.00	938.00	C11962	1.00	0.411	as above; 937.4m slip with qtz-dol+py at 20 deg TCA, 2mm wide; strong magnetite vn'ing at 937.95 to 938m		
BG11-163	*938.00*	*939.00*	*C11963*	*1.00*	*<.03*	*938 - 938.7m strong shear zone ductile-minor brittle at 50 deg TCA, 20-30% leuc flecs, strong qtz-dol+chl+ser alt'n with 5-7% magnetite and 3-5% anhedral py predominantly proximal to and within qtz vn'lets at 30 and 50 deg TCA*		
BG11-163	939.00	940.00	C11965	1.00	<.03	tr py; 15-20% late white qtz and qtz-carb vn'ing		
BG11-163	940.00	940.70	C11966	0.70	<.03	940.17 to 940.5m irregular & discontinuous qtz-carb vn'lets with 3-8% py and one 1.5cm wide qtz-carb vn at 45 deg TCA with 10-15% py		
BG11-163	940.70	942.00	C11967	1.30	<.03	<1% py in disconitnuous vn'lets; 3-5% <1mm wide magnetite vn'lets; one 1.5 to 2 cm wide qtz-carb vn at 0 deg TCA		
BG11-163	942.00	942.90	C11968	0.90	0.137	942.3-942.45m two 1-5mm wide white sugary qtz-carb vn's with 5-10% py at 30 - 40 deg TCA and one qtz-carb vn at 0.20 cm wide at 85 deg TCA with 10-15% py		
BG11-163	***942.90***	***943.80***	***C11969***	***0.90***	***0.617***	***8-10% diss euhedral and anhedral py at generally 45 deg TCA; 10-15% white discontinuous qtz+carb vn'ing; 3-5% spec hem in one qtz vn***		
BG11-163	943.80	945.00	C11970	1.20	<.03	1-2%py in two 1mm wide qtz-carb n'lets		
BG11-163	945.00	946.30	C11972	1.30	<.03	<1% py, infill sampling		
BG11-163	946.30	947.30	C11973	1.00	0.274	946.4-946.6m 0.5cm wude qtz-minor carb vn at 15 deg TCA with 75% py with 5% magnetite; a white qtz-carb vn with 5% py at 947m 0.2cm wide at 45 deg TCA		
BG11-163	947.30	948.50	C11974	1.20	1.269	3-7% diss py (anhedral) near and within white qtz-carb vn'ing and 5-10% magnetite in vn'lets	1.303	1.234
BG11-163	**948.50**	**950.00**	**C11975**	**1.50**	**0.617**	**949m 0.75 cm dk grey qtz vn45-50 deg TCA; 1% py in frac's with qtz & leuc flec halos**		
BG11-163	**950.00**	**951.00**	**C11976**	**1.00**	**0.754**	**slip at 950.6m at 35 deg TCA with chl+leuc flec halo; negl py**		
BG11-163	952.10	953.10	C11977	1.00	<.03	epi alt'n at 952.12 to 952.6m; 1 cm wide qtz-carb vn 1% fg py at 65 deg TCA		
BG11-163	953.10	954.20	C11978	1.10	<.03	953.9-954.1m 60% grey qtz, negl py		
BG11-163	954.20	954.90	C11979	0.70	<.03	954.5-954.m 35-40 deg TCA qtz-carb vn, leuc flec halo		
BG11-163	956.70	957.60	C11980	0.90	<.03	tr py, outlier sample		
BG11-163	957.60	958.40	C11981	0.80	<.03	10-15% late white qtz-carb at 0 and 50 deg TCA; tr py; 3-5% magnetite in qtz-carb vn		
BG11-163	*958.40*	*959.30*	*C11982*	*0.90*	*0.411*	*958.5-958.66m localized shear, ductile with 20% carb-qtz vn'ing + chl with 15-20% diss py in vn's and on margins at 35 deg TC; 959.5m 2mm qtz-carb vn'let at 85 deg TCAwith 5%py*		

Hole_ID	From	To	Sample_#	Length	Au ppm	Description	Au ppm_ck	Au ppm-ck2
BG11-163	959.30	960.40	C11984	1.10	<.03	15-20% qtz-carb vn'ing at 45-50 deg TCA and 0 deg TCA; tr py		
BG11-163	960.40	961.00	C11985	0.60	<.03	10% qtz-carb vn'ing, negl py		
BG11-163	961.00	962.00	C11986	1.00	<.03	1-3% fg py in weak frac'ing with qtz-carb		
BG11-163	962.00	963.20	C11987	1.20	<.03	962-963.2m shear zone at 25-30 deg TCA with chl+leuc flecs+1% py; 962.35-962.65m white-grey qtz-dol vn at 30 deg TCA		
BG11-163	963.20	964.20	C11988	1.00	<.03	0.2cm wide magnetite vn, <5% latre carb vn'ing, tr py		
BG11-163	964.20	965.00	C11989	0.80	<.03	964,8m 0.5cm wide carb vn at 60 deg TCA with 5% diss py		
BG11-163	965.00	966.00	C11990	1.00	<.03	15% qtz-carb vn'ing , tr py		
BG11-163	966.00	967.00	C11991	1.00	<.03	carb vn's with 1-3% diss py at 966.25 and 966.66 at 70 and 45 deg TCA up to 0.5 cm wide		
BG11-163	967.00	967.90	C11992	0.90	<.03	15% qtz-carb vn'ing , tr py		
BG11-163	967.90	968.80	C11993	0.90	0.137	3-5%fg py in <1mm wide frac-carb-qtz vn'ing at 45 and irregular angles		
BG11-163	968.80	969.80	C11994	1.00	<.03	one qtz-carb vn at 20 deg TCA at 15 deg TCA with magnetite; two parallel 2-3mm wide qtz-carb vn'lets at 40 to 45 deg TCA with 1-2% py		
BG11-163	969.80	970.80	C11995	1.00	<.03	970.2-970.8m 1-2.5cm wide carb-qtz vn at 5-10 deg TCA with 3-7% vfg diss euhedral py		
BG11-163	970.80	971.50	C11996	0.70	<.03	970.8-971.3m as above same 1-2.5cm wide carb vn with 3-7% py		
BG11-163	971.50	972.50	C11997	1.00	<.03	negl py; 5% white qtz-carb vn'ing		
BG11-163	972.50	973.20	C11998	0.70	<.03	as above, 1% disspy		
BG11-163	973.20	973.80	C11999	0.60	<.03	973.3-973.5m localized weak shear at 30 deg TCA with 40% white carb+chl and 1-2% py, one carb vn at 50 deg TCA with 30% py 0.5cm wide		
BG11-163	973.80	974.50	C12000	0.70	<.03	973.85 to 974.15m irregular qtz-carb vn'ing with 5-10% py + 3-5% magnetite		
BG11-163	974.50	975.30	C12001	0.80	0.137	974.7-975m 50% carb vn'ing at predominantly 30 and 0 deg TCA with 3-5% py in weak shearing		
BG11-163	975.30	976.20	C12002	0.90	<.03	10-15% carb vn'ing, with 1-2% py along carb vn'lets at 40 to 50 deg TCA		
BG11-163	976.20	977.00	C12003	0.80	<.03	976.4 to 980m weak to mod frac'ing at 15-25, 35-40 and 90 deg TCA with 10-90% py and or magnetite in qtz-dol vn'lets <1mm up to 3mm wide; overall 3-10% magnetite and 1-7% py; matrix light grey-green bleached colour, 5-20% qtz dol vn'ing		
BG11-163	977.00	978.00	C12004	1.00	<.03	as described in 976.2 to 977m		
BG11-163	978.00	979.00	C12006	1.00	<.03	as described in 976.2 to 977m		
BG11-163	979.00	980.00	C12008	1.00	0.274	as described in 976.2 to 977m		
BG11-163	**980.00**	**980.80**	**C12009**	**0.80**	**0.549**	**two carb vns at 980.5 and 980.65 at 0.5cm and 3mm wide at 40 and 35 deg TCA with 1-5% py**		
BG11-163	980.80	982.00	C12010	1.20	<.03	981.5m carb vn'ing 1.5cm wide at 40 deg TCA, 1-2% py		
BG11-163	982.00	983.00	C12011	1.00	<.03	10-15% carb vn'ing with 1% py in matrix		
BG11-163	984.70	985.50	C12012	0.80	<.03	985-985.3m 85% qtz + minor dol + chl margin vn at 30 deg TCA with leuc flec halo; <1% py		
BG11-163	985.50	986.50	C12013	1.00	<.03	two 10-15 deg TCA frac's with carb + 3-5% py		
BG11-163	986.50	987.90	C12014	1.40	<.03	1-2% diss py in matrix		
BG11-163	987.90	988.80	C12015	0.90	<.03	988-988.55 20-25% fg leuc flecs, 15-25% cqrb+minor qtz vn'ing, one 2cm wide qtz+carb vn at 55 deg TCA near slip with 1-3% py near vn margins		
BG11-163	988.80	989.30	C12016	0.50	0.137	weak py vn'ing at 25 deg TCA		
BG11-163	989.30	990.00	C12017	0.70	<.03	5% qtz-carb vn;ing, tr py in matrix		
BG11-163	990.40	991.00	C12018	0.60	<.03	990.69m 2.5cm wide carb vn at 85 deg TCA		
BG11-163	992.30	992.90	C12019	0.60	<.03	992.63m 0.75cm wide carb vn at 85 deg TCA		
BG11-163	994.90	995.50	C12020	0.60	<.03	995-995.11m 5-8% py + 10-15% magnetite, slip-fault at 995.11 at 50 deg TCA		
BG11-163	997.00	998.00	C12021	1.00	<.03	997.3-998.5m 0-10 deg TCA qtz + minor dol + chl vn 0.25 to 2 cm wide with <1% cpy + 1% py; weak epi alt'n		
BG11-163	998.00	999.00	C12022	1.00	<.03	as above; slip at 998.9m at 65 deg TCA with cpy+py+carb		
BG11-163	999.00	999.90	C12023	0.90	<.03	weak frac'ing with epi+magnetite+carb-qtz		
BG11-163	1002.00	1003.10	C12024	1.10	<.03	1002-1003m 0 deg TCA qtz-minor carb vn with <1% py and minor cpy		
BG11-163	1003.10	1003.90	C12025	0.80	0.480	1003.4m 5mm wide py in epi-carb frac at 50-55 deg TCA		
BG11-163	**1005.40**	**1006.30**	**C12026**	**0.90**	**0.549**	**1005.45m slip with epi+carb vn 1cm wide at 55 deg TCA; three other parallel qtz vn'ing up to 0.5cm wide at 25-35 deg TCA**		
BG11-163	1008.00	1008.80	C12027	0.80	0.343	2-2.5cm wide white carb vn at 5 deg TCA with 1% cpy as intermittent splashes, other carb vn's up to 0.5cm wide at 20 deg TCA		
BG11-163	1008.80	1009.50	C12028	0.70	1.886	infill sample	2.126	1.646

Hole_ID	From	To	Sample_#	Length	Au ppm	Description	Au ppm_ck	Au ppm-ck2
BG11-163	1009.50	1010.50	C12029	1.00	1.543	1009.6m 0.5cm wide carb vn at 15 deg TCA with minor cpy; 1mm py band at 1010.1m and at 1010.3m at 45 deg TCA with epi margins; one carb 10 deg TCA with cpy specs	1.509	1.577
BG11-163	**1010.50**	**1011.50**	**C12030**	**1.00**	**0.960**	**1011-1011.5m two carb vn's 0.5 to 1cm wide with cpy specks**		
BG11-163	**1014.45**	**1015.45**	**C12031**	**1.00**	**0.617**	**1014.5m 0.25cm wide carb-qtz vn at 25 deg TCA with cpy specks**		
BG11-163	1015.45	1016.30	C12032	0.85	1.269	one carb vn with cpy specks at 5 deg TCA from 1015.55 to 1016.1m	1.303	1.234
BG11-163	1016.30	1017.50	C12069	1.20	1.646	infill sample	1.577	1.714
BG11-163	1017.50	1018.70	C12070	1.20	1.166	infill sample	1.166	1.166
BG11-163	1018.70	1020.00	C12071	1.30	0.137	infill sample		
BG11-163	1020.00	1020.60	C12034	0.60	<.03	outlier sample		
BG11-163	1020.60	1021.30	C12035	0.70	<.03	1020.63m o.5cm wide carb vn with py on margins at 20 deg TCA with leuc flecs on margins		
BG11-163	**1021.30**	**1022.00**	**C12036**	**0.70**	**5.349**	**1022.6-1022.88m 45% carb+qtz vn'ing with leuc margins at 40 deg TCA, tr py**	**4.937**	**5.760**
BG11-163	1022.00	1023.00	C12037	1.00	<.03	<1mm wide carb vn'let at 15 deg TCA with py		
BG11-163	**1023.00**	**1023.60**	**C12038**	**0.60**	**3.634**	**1023.45m 0.25cm carb vn with py at margins 20-25 deg TCA**	**3.497**	**3.771**
BG11-163	1023.60	1024.80	C12039	1.20	0.137	tr py		
BG11-163	**1024.80**	**1025.40**	**C12040**	**0.60**	**9.703**	**10-15% fg leuc flecs, 3-8% diss py proximal to carb vn'ing at 30 deg TCA**	**8.914**	**10.492**
BG11-163	1025.40	1026.90	C12042	1.50	<.03	one weak hairline frac with tr py at 50 deg TCA		
BG11-163	1026.90	1027.80	C12043	0.90	1.817	carb vn'ing at 15, 45 and 90 deg TCA with luec + tr py on margins, vn'ing <0.5cm wide	1.851	1.783
BG11-163	**1030.10**	**1031.00**	**C12044**	**0.90**	**0.549**	**two <0.25cm wide widely spaced vn'ing with tr py**		
BG11-163	1031.00	1032.10	C12045	1.10	<.03	1031.4 to 1032m 1% py in weak hairline frac'ing and in matrix		
BG11-163	1033.20	1033.80	C12046	0.60	<.03	outlier sample, tr py in hairline frac's		
BG11-163	1033.80	1034.60	C12047	0.80	<.03	1034.1 to 1034.6m weak shear with 15-25% leuc flecks, with 45% carb vn'ing from 1034.4 to 1034.6m at 25 deg TCA <1% py		
BG11-163	1034.60	1035.70	C12048	1.10	0.274	infill sample with 5-10% leuc flecks		
BG11-163	**1035.70**	**1036.70**	**C12049**	**1.00**	**3.429**	**1035.8 to 1036.5m hairline frac'ing at 0 and 25 deg TCA with carb+qtz vn'ing + 15-20% leuc flecks+ 5-10% diss py**	**3.566**	**3.291**
BG11-163	**1036.70**	**1037.80**	**C12050**	**1.10**	**0.617**	**1037.4-1037.8 qtz-carb vn'ing at 0 and 25 deg TCA with py on margins + magnetite**		
BG11-163	**1037.80**	**1039.00**	**C12051**	**1.20**	**0.891**	**3-5% magnetite, tr py**		
BG11-163	**1039.00**	**1040.00**	**C12052**	**1.00**	**5.280**	**1039.4 to 1039.8m 15-45% carb vn'ing 25 and 50 deg TCA with surrounding 10% leuc flecks + 1% diss py**	**5.829**	**4.731**
BG11-163	1040.00	1040.90	C12053	0.90	<.03	outlier sample, tr py in hairline frac's		
BG11-163	**1042.10**	**1043.10**	**C12054**	**1.00**	**0.891**	**three hairline py bands at 65-75 deg TCA and two hairline py bands at 55 deg TCA with carb**		
BG11-163	1043.10	1044.00	C12055	0.90	1.200	1043.5-1043.6m 2.5 cm carb vn at 25 deg TCA; 3-7% leuc flecks	1.097	1.303
BG11-163	**1044.00**	**1045.00**	**C12056**	**1.00**	**0.960**	**5% carb vn'ing at 20-35 deg TCA, tr py on margins; 3-7% magneite vn'lets**		
BG11-163	1045.00	1046.00	C12057	1.00	<.03	one-two py vn'lets at 65 deg TCA 1mm wide; one 10 deg TCA carb vn'let with a splash cpy; three to four vn'lets with 50-90% magnetite at 0 and 65-70 deg TCA up to 2mm wide		
BG11-163	1046.00	1047.00	C12058	1.00	<.03	three carb vn's with tr cpy and tr py up to 1.5 cm wide		
BG11-163	1047.00	1047.70	C12059	0.70	0.411	3-7% magnetite in fra's 1mm wide		
BG11-163	**1047.70**	**1048.50**	**C12060**	**0.80**	**8.812**	**1047.87m two 7mm wide qtz vn's at 70 deg TCA with 5-15% fg py within and at margins at Diorite-Diorite Bx contact; two other qtz+minor carb+chl vn'ing at 5 and 65 deg TCA with 5-15% leuc flecking in matrix with 1-5% diss py**	**7.954**	**9.669**
BG11-163	**1048.50**	**1050.00**	**C12061**	**1.50**	**3.532**	**outlier sample**	**3.429**	**3.634**
BG11-163	1050.00	1051.00	C12073	1.00	1.303	infill sample	1.371	1.234
BG11-163	1051.00	1052.10	C12074	1.10	0.343	infill sample		
BG11-163	1052.10	1053.00	C12062	0.90	1.612	0 deg TCA 1 cm wide pink-white qtz-carb vn	1.303	1.920
BG11-163	1053.00	1053.70	C12063	0.70	1.749	1053.4m 6mm wide carb vn at 15 deg TCA with tr py	1.440	2.057
BG11-163	1053.70	1054.60	C12075	0.90	2.023	infill sample	1.989	2.057
BG11-163	1054.60	1056.00	C12076	1.40	1.440	infill sample	1.440	1.440
BG11-163	**1056.00**	**1057.00**	**C12077**	**1.00**	**0.823**	**infill sample**		
BG11-163	**1057.00**	**1057.50**	**C12078**	**0.50**	**0.754**	**infill sample**		
BG11-163	**1057.60**	**1058.30**	**C12605**	**0.70**	**0.617**	**one 0.25cm wide py-carb vn at 1057.65m at 35 deg TCA**		
BG11-163	1058.30	1059.00	C12607	0.70	0.411	1058.55m slip at 20 deg TCA; 1mm wide py carb vn'let at 50 deg TCA		
BG11-163	1061.00	1062.50	C12608	1.50	1.234	5-10% carb+qtz vn'lets with leuc flecks; start of weak slip-carb alt'n zone to 1074.2m	1.371	1.097

Hole_ID	From	To	Sample_#	Length	Au ppm	Description	Au ppm_ck	Au ppm-ck2
BG11-163	1062.50	1065.00	C12609	0.80	0.137	loss of 1.7m of core due to rods dropping in hole & retrieval efforts; only 0.8m sample		
BG11-163	1065.00	1066.10	C12610	1.10	0.069	two slips at 0 to 5 deg TCA a weak fol'n at 0-5 deg TCA with 20% leuc flecks; tr diss py		
BG11-163	**1066.10**	**1067.10**	**C12611**	**1.00**	**0.754**	**slips at 0-5 deg TCA - as above with 1-2% fg py in carb vn'ing <0.25 cm wide**		
BG11-163	1067.10	1068.10	C12612	1.00	<.03	15-20% grey white carb vn'ing; fol'n at 0 deg TCA; tr py		
BG11-163	1068.10	1068.70	C12613	0.60	3.874	multiple dk qtz vn's up to 0.7cm wide frac'd with tr fg py at 35 to 65 deg TCA	3.017	4.731
BG11-163	**1068.70**	**1069.90**	**C12614**	**1.20**	**0.686**	**three discontinuous vn'lets with magnetite**		
BG11-163	1069.90	1070.70	C12615	0.80	0.069	crenulated dk grey qtz vn'let 2mm wide negl py		
BG11-163	1070.70	1071.50	C12616	0.80	0.343	6cm wide carb vn at 90 deg TCA at 1070.9m; 1% py in <1mm wide hairline frac's		
BG11-163	**1071.50**	**1072.30**	**C12617**	**0.80**	**0.960**	**3-7% diss py in matrix; one <0.25cm wide dk qtz vn, discontinuous**		
BG11-163	**1072.30**	**1073.00**	**C12618**	**0.70**	**5.143**	**1072.35 to 1072.7m 2cm wide carb vn at 15 deg TCA with 5% cpy and 5% py; at 1072.8m 0.5cm wide py vn at 25 deg TCA**	**5.966**	**4.32**
BG11-163	1073.00	1074.00	C12620	1.00	1.920	1073.4m 3mm wide py vn at 20 deg TCA; 1073.25m 2cm wide carb vn at 20 deg TCA		
BG11-163	**1074.00**	**1075.50**	**C12621**	**1.50**	**0.617**	**1074-1074.2m <1% diss py**		
BG11-163	1075.50	1076.40	C12622	0.90	1.200	1-2% diss py in weak hairline frac's	1.303	1.097
BG11-163	1087.80	1088.60	C12623	0.80	<.03	outlier sample; negl py		
BG11-163	1088.60	1089.20	C12624	0.60	<.03	1-2% fg py in hairline slips at 35 and 30 deg TCA		
BG11-163	1089.20	1090.20	C12625	1.00	<.03	outlier sample; negl py		
BG11-163	1094.30	1095.20	C12626	0.90	0.206	1094.8m 1cm wide qtz vn with 10%py		
BG11-163	1095.20	1095.80	C12627	0.60	1.029	1095.4m a 3cm wide section with weak chl-carb vn at 35 deg TCA with 15% py; 1095.45 to 1095.65m 3-5% py in matrix	1.097	0.960
BG11-163	1095.80	1097.10	C12628	1.30	<.03	1097m 2mm wide py vn 30 deg TCA		
BG11-163	1109.90	1110.90	C12629	1.00	<.03	at 1110.72m 0.25 cm wide py vn in qtz at 35 deg TCA		
BG11-163	1110.90	1111.60	C12630	0.70	3.154	1% diss py in matrix	3.017	3.291
BG11-163	1115.60	1116.70	C12631	1.10	0.274	some weak leuc fleck banding; FP to Diorite Bx contact		
BG11-163	1117.60	1118.30	C12632	0.70	<.03	1118.2m slip at 65 deg TCA with chl + py		
BG11-163	1121.20	1123.30	C12633	2.10	<.03	1121.3m 0.25 cm carb vn iwth py at 40 deg TCA and at 1122.2m 2cm wide carb+chl vn at 75 deg tCA with 1% py		
BG11-163	1126.00	1126.50	C12634	0.50	<.03	1126.2m 1cm wide carb vn with chl margins and 1% py at 45 -50 deg TCA		
BG11-163	1128.00	1128.50	C12635	0.50	0.411	1128.2m 55 deg TCA carb vn 0.75cm wide with py on margins		
BG11-163	1128.50	1129.20	C12636	0.70	<.03	1128.77m 1cm wide carb vn at 55 deg TCA with 1-5% py & one <1mm wide carb frac with py		
BG11-163	1129.80	1130.50	C12638	0.70	<.03	1129.95 to 1130.2m three 0.5cm wide carb vn's at 75 and 90 deg TCA with leuc flec halo and 1-2% py		
BG11-163	**1131.80**	**1132.70**	**C12639**	**0.90**	**0.960**	**1131.81m 2mm carb vn with py; 10-15% leuc flecks in matrix**		
BG11-163	**1132.70**	**1133.20**	**C12640**	**0.50**	**0.754**	**1132.96m slips at 30 deg TCA with ser**		
BG11-163	1134.00	1135.50	C12641	1.50	0.411	1134-1134.7m slips at 0 deg TCA 1-2mm wide carb; 134 to 1139.9m 2-15% leuc flecks, with a weak early slip fabric at 30-40 deg TCA, at 1138.1 to 1138.3m 2.5 to 3.5cm wide 95% py vn at 0 deg TCA and 1139 to 1139.9m 45% qtz-ank vn'ing with 1-3% py		
BG11-163	1135.50	1137.00	C12642	1.50	<.03	infill sample; negl py; 10% leuc flecs; perv sil-dol alt'n		
BG11-163	1137.00	1138.00	C12643	1.00	<.03	10-15% leuc flecs; 1% py in matrix		
BG11-163	**1138.00**	**1138.50**	**C12644**	**0.50**	**5.349**	**1138.1 to 1138.3m 2.5 to 3.5cm wide 95% py vn at 0 deg TCA truncated by 90 deg TCA fault-slip at 1138.1m**	**5.829**	**4.869**
BG11-163	*1138.50*	*1139.00*	*C12646*	*0.50*	1.406	*1138.5 to 1139m slip at 20 deg TCA with dol+ py lens on slip; sil-dol alt'n; 5-8% leuc flecks*	1.166	1.646
BG11-163	1139.00	1139.90	C12647	0.90	*<.03*	1139 to 1139.9m 45% qtz-ank vn'ing with 1-3% py		
BG11-163	**1139.90**	**1141.00**	**C12648**	**1.10**	**0.686**	**outlier sample with 3-5% magnetite**		
BG11-163	1141.00	1142.00	C12649	1.00	0.069	as above		
BG11-163	1142.00	1143.00	C12650	1.00	0.480	one 1mm wide py carb vn'let at 5-10 deg TCA		
BG11-163	1143.00	1144.40	C12651	1.40	0.137	two weak py -qtz frac's 1mm wide		
BG11-163	**1146.50**	**1147.00**	**C12652**	**0.50**	**0.617**	**1146.5 to 1146.75m 0 deg TCA with dol + 5% py**		
BG11-163	**1147.00**	**1147.70**	**C12653**	**0.70**	**0.549**	**1147-1147.5m frac-slip at 0 deg TCA with pinch swell dol+chl with 5% py**		
BG11-163	1147.70	1148.70	C12654	1.00	0.069	<1% py in occasional slips		
BG11-163	1149.90	1150.50	C12655	0.60	<.03	1150-1150.1m slip with adjacent 1cm wide dol vn'ing at 25 deg TCA		
BG11-163	1153.30	1154.00	C12656	0.70	<.03	1153.5m 2-3mm wide calcite pink vn with 3% py at 25 deg TCA; three other 0-10 deg TCA carb v n'lets		
BG11-163	1157.10	1158.00	C12657	0.90	0.069	1157.23m 0.75cm wide carb+chl at 60 deg TCA; chl slip with <1mm calcite tr py at 20 deg TCA		

Hole_ID	From	To	Sample_#	Length	Au ppm	Description	Au ppm_ck	Au ppm-ck2
BG11-163	1158.00	1158.50	C12658	0.50	<.03	1158.45m 0.15cm carb vn at 65 deg TCA with py		
BG11-163	1163.50	1164.50	C12659	1.00	<.03	one slip with carb+calcite vn'ing at 55 deg TCA with py, 0.25cm wide		
BG11-163	1164.50	1165.50	C12660	1.00	<.03	infill sample		
BG11-163	1165.50	1166.40	C12661	0.90	0.069	mico frac'ing with 1% very fg py		
BG11-163	***1166.40***	***1167.40***	***C12662***	***1.00***	***6.857***	***5-8% py anhedral in micro frac'ing with pink calcite+carb+chl at 10 and 15 deg TCA and three calcite+carb+chl vn's at 40 and 30 deg TCA with 15-20% py up to 0.75cm wide***	**7.680**	**6.034**
BG11-163	1167.40	1168.40	C12664	1.00	<.03	1168-1168.2 slip at 15 deg TCA with carb + 5% py		
BG11-163	1168.40	1169.40	C12665	1.00	<.03	infill sample		
BG11-163	1169.40	1170.60	C12667	1.20	<.03	infill sample		
BG11-163	1170.60	1171.50	C12668	0.90	<.03	1170.7-1170.85m micro frac'ing with 1% fg py		
BG11-163	1171.50	1172.80	C12669	1.30	<.03	infill sample		
BG11-163	1172.80	1173.30	C12670	0.50	<.03	infill sample		
BG11-163	1173.30	1174.20	C12671	0.90	<.03	1173.35 to 1140.05 slip-fault at 5-10 deg TCA with pink calcite+white carb+chl+1% py		
BG11-163	1174.20	1175.00	C12672	0.80	<.03	infill sample		
BG11-163	1176.60	1177.30	C12673	0.70	0.137	Syenite - Arenite contact at 1177 strong carb alt'n with 5% pink salmon coloured calcite vn'ing with flt at 1171.3 at 30 deg TCA		
BG11-163	1179.00	1180.00	C12674	1.00	<.03	1179.5 carb vn'ing 3cm wide adjacent to chl slip 50 deg TCA		
BG11-163	1185.50	1186.70	C12675	1.20	0.206	1185.6m carb+chl vn 2cm wide 65 deg TCA		
BG11-163	1190.70	1191.30	C12676	0.60	<.03	weak brittle frac'ing with chl+ weak bleached ser alt'n in matrix; 5% pink calcite vn'ing		
BG11-163	**1192.50**	**1193.50**	**C12677**	**1.00**	**0.823**	**1.5cm pink calcite vn at 0-5 deg TCA with splash of cpy; slip at 20 deg TCA wit adjacent 5% py + qtz-carb**		
BG11-163	1193.50	1194.30	C12678	0.80	<.03	1194m 1.5cm wide carb vn at 25 deg TCA		
BG11-163	1200.10	1201.00	C12679	0.90	<.03	1cm wide fine anastomosing frac's with hl + py at 30 deg TCA; other weak frac'ing with <1% py and magnetite		
BG11-163	1202.60	1203.30	C12680	0.70	0.137	1202.8 to 1203m two subarallel frac's 1mm wide with py at 45 and 30 deg TCA		
BG11-163	1203.90	1205.30	C12681	1.40	<.03	weak hairline frac's with fg py		
BG11-163	1205.30	1206.00	C12682	0.70	0.137	1205.3-1205.6m slip+hydrothermal bx zone 6cm wide healed with dol at 25 deg TCA; other 2-15 deg TCA dol vn at 1cm wide; 1-3%diss euhedral py in fine slips beyond dol vn's		
BG11-163	1206.00	1207.50	C12683	1.50	0.274	weak 1mm qtz vn'ing with fg py ~1-2%		
BG11-163	**1207.50**	**1208.40**	**C12684**	**0.90**	**0.617**	**as above**		
BG11-163	1208.40	1209.80	C12685	1.40	<.03	as above		
BG11-163	1209.80	1210.80	C12686	1.00	0.069	1-3% fg py in matrix and in hairline frac's at 30-40 deg TCA		
BG11-163	***1211.40***	***1212.20***	***C12688***	***0.80***	***0.549***	***1212m 1cm wide 60% py vn at 30 deg TCA; 1-5% py in other vn's & frac's***		
BG11-163	1212.20	1212.80	C12690	0.60	0.069	wk vn'ing 1-2mm wide with 1-3% py and 1-% py in matrix		
BG11-163	1212.80	1213.30	C12691	0.50	<.03	1213.2m 2.2 cm wide qtz-dol vn at 45 deg TCA with 5% fg py; 1-3% fg diss py in matrix		
BG11-163	1213.30	1214.20	C12692	0.90	<.03	weak irregular hairline frac'ing with fg py overall 2-5%		
BG11-163	1214.20	1215.40	C12693	1.20	<.03	1% py in weak frac'ing		
BG11-163	*1215.40*	*1215.90*	*C12694*	*0.50*	*0.069*	*1215.65-1215.87 fault healed by 12 cm wide qtz-dol vn with 5-8% fg py lens at 30 and 20 deg TCA; two other hairline frac's with py*		
BG11-163	1215.90	1216.50	C12695	0.60	<.03	two dol healed frac's with py at 40 and 30 deg TCA <2mm wide		
BG11-163	1216.50	1218.00	C12696	1.50	0.274	infill sample 1-3% diss py in matrix		
BG11-163	1218.00	1219.50	C12697	1.50	0.069	infill sample 1-3% diss py in matrix		
BG11-163	1219.50	1221.00	C12698	1.50	<.03	infill sample 1-3% diss py in matrix		
BG11-163	1221.00	1222.00	C12699	1.00	<.03	infill sample 1-3% diss py in matrix		
BG11-163	1222.00	1223.00	C12700	1.00	<.03	1- frac with 5% py; 1-3% diss py in matrix		
BG11-163	1223.00	1224.00	C12701	1.00	<.03	5-10% diss py in matrix and in discontinous slip-frac's at 45 deg TCA with dol+chl		
BG11-163	**1224.00**	**1225.00**	**C12702**	**1.00**	**0.960**	**10-15% diss py inmatrix and in weak frac's up to 0.25cm wide in dol+qtz**		
BG11-163	1225.00	1226.00	C12703	1.00	<.03	5-10% diss py in matrix and in frac's; Arenite-Syenite contact at 1225.5m		
BG11-163	1226.00	1227.00	C12704	1.00	0.137	3-7% fg anhedral py in clots and minor frac'ing with qtz-dol-chl		
BG11-163	**1227.00**	**1228.00**	**C12705**	**1.00**	**0.891**	**moderate brittle frac'ing with 10-12% fg diss py +qtz+dol+chl; slips predominantly at 45 deg TCA**		
BG11-163	1228.00	1229.00	C12706	1.00	0.274	as above		
BG11-163	**1229.00**	**1230.00**	**C12707**	**1.00**	**0.823**	**5-10% fg silvery coloured py in 1-2mm frac's with chl+dol at 20-40 deg TCA**		

Hole_ID	From	To	Sample_#	Length	Au ppm	Description	Au ppm_ck	Au ppm-ck2
BG11-163	1230.00	1230.80	C12708	0.80	1.440	as above frac'ing becomes stronger with finer hairline slips	1.646	1.234
BG11-163	*1230.80*	*1231.80*	*C12709*	*1.00*	*0.274*	*1231 to 1236m moderate shear zone 5 to 45 deg TCA with chl+qtz-dol+py; 10-12 % py in multiple slip frac's at 30-35 deg TCA and 20-25 deg TCA with a strong slip+adjaxcent dol vn'ing at 1231.3m with white+dk grey qtz at 25 deg TCA, possible mo+chl, tr py on slip, matrix brick red halo around slip*		
BG11-163	*1231.80*	*1232.80*	*C12711*	*1.00*	*0.343*	*stronger ductile shearing from 1232.2 to 1232.8m with 8-10% py in slips at 25 and 45 deg TCA*		
BG11-163	*1232.80*	*1233.40*	*C12712*	*0.60*	*0.137*	*stronger ductile shearing and proabale flt -slip from 1233 to 1233.8m at 5 deg TCA with chl + qtz-dol swells and 1-7%py and with early displaced slips with py at 30-40 deg TCA*		
BG11-163	*1233.40*	*1234.50*	*C12713*	*1.10*	*0.274*	*strong brittle multi-slip-frac's at 45-50 deg TCA with 3-5% py*		
BG11-163	*1234.50*	*1235.30*	*C12714*	*0.80*	*0.343*	*as above but 5-8% py*		
BG11-163	*1235.30*	*1236.00*	*C12715*	*0.70*	*0.480*	*py in frac's at 20 and 40 deg TCA; overall 1-5%; localized chl slips at 1235.7m at 25 deg TCA 3cm wide 5-7% fg py+2mm wide dol vn*		
BG11-163	*1236.00*	*1237.00*	*C12716*	*1.00*	0.206	*5-7% diss py in britle hairline slips*		
BG11-163	1237.00	1238.00	C12718	1.00	0.137	5-7% dis py in hairline frac's irregular and at variable angles TCA		
BG11-163	1238.00	1239.00	C12719	1.00	<.03	3-5% diss py in hairline frac's and in matrix		
BG11-163	1239.00	1239.80	C12720	0.80	0.069	1-3% fg diss py in hairline frac's		
BG11-163	1239.80	1240.60	C12721	0.80	<.03	1239.8 to 1240.3 0.1 to 0.75 qtz dol vn at 5 deg TCA with 1-2% py on margins; 1-3% py in fine frac's		
BG11-163	1240.60	1241.60	C12722	1.00	<.03	3-7% py in slips that pinch/swell up to 2mm wide at 35-40 deg TCA		
BG11-163	1241.60	1242.30	C12723	0.70	0.069	as above		
BG11-163	1242.30	1243.30	C12724	1.00	0.069	0.5cm wide qtz-dol vn at 0 deg TCA with py on margins; overall 1-5% py		
BG11-163	1243.30	1244.30	C12725	1.00	0.206	light green coloured matrix; multiple 1mm-2mm wide frac's with py ay 25 and 55 deg TCA and 1-5% py in matrix		
BG11-163	**1244.30**	**1245.00**	**C12726**	**0.70**	**0.686**	**as above; 1244.6 to 1244.85m slip at 0 deg TCA with chl+mo?; 1-5% diss py in atrix and in frac's**		
BG11-163	1245.00	1246.00	C12727	1.00	0.411	3-7% diss py in discontinuous frac's; 1- qtz vn 0.25 cm wide at 25 deg TCA with 5% py; rare qtz vn'lets with mo		
BG11-163	1246.00	1247.00	C12728	1.00	0.069	Syn-Arenite contact at 1246.3m; 1246 to 1246.3m 5-10% qtz dol vn'ing at 55 deg TCA and 3-7% dis py in frac's		
BG11-163	1247.00	1248.50	C12729	1.50	<.03	1246.5m slip at 55 deg TCA; 1% fg py in matrix		
BG11-163	1248.50	1249.50	C12730	1.00	<.03	tr py in matrix		
BG11-163	1249.50	1250.50	C12731	1.00	0.069	1250.2 to 1250.5m start of brittle frac'ing with qtz-dol + 3-5% py in vn'ing		
BG11-163	*1250.50*	*1251.40*	*C12733*	*0.90*	0.274	*0-5 deg qtz-dol vn'ing, pinch- swell with 65-80% py, some qtz with mo*		
BG11-163	1251.40	1252.00	C12735	0.60	0.137	0 deg TCA qtz-mo vn'let o.2cm wide and one qtz-dol vn'let 3mm wide with py		
BG11-163	1252.00	1253.10	C12736	1.10	<.03	1 2mm wide qtz vn'let with py		
BG11-163	1253.10	1254.00	C12737	0.90	<.03	3-5% fg py in multiple hairline slips and frac's with chl halo		
BG11-163	***1254.00***	***1254.50***	***C12738***	***0.50***	*<.03*	***three qtz-dol vn's up to 1cm wide at 45 to 55 deg TCA with 60-80% py***		
BG11-163	***1254.50***	***1255.40***	***C12739***	***0.90***	*<.03*	***seven qtz-dol vn's with 50-80% py at 35 and 55 deg TCA up to 3.5cm wide; at 1255m slips with qtz-dol and 1-5% py and at 1255.3 fault gouge at 30 deg TCA***		
BG11-163	1255.40	1256.50	C12740	1.10	<.03	1255.55 to 1255.8m bad ground, poor recovery, 1-2% py in matrix		
BG11-163	1256.50	1257.40	C12741	0.90	<.03	1256.6 to 1256.75m bad ground poor recovery, some frac'ing with 1%py from 1256.75 to 1257m		
BG11-163	1258.10	1258.60	C12742	0.50	<.03	1258.5m slip at 40 deg TCA with adjacent qtz-dol+py		
BG11-163	1259.40	1259.90	C12743	0.50	<.03	1260.05m 0.3cm wide qtz vn with 5% cpy and 5-10% py at 55 deg TCA		
BG11-163	1259.90	1260.50	C12744	0.60	<.03	infill sample		
BG11-163	1260.50	1261.50	C12745	1.00	0.069	three 1.5 cm wide qtz vn's at 20 deg TCA with 5% py		
BG11-163	1261.50	1263.00	C12746	1.50	<.03	5-15% magnetite; tr py		
BG11-163	1263.00	1264.40	C12747	1.40	<.03	strong stress frac'ing with whitwe qtz-dol healing; tr py; at 1264.1 Wacke-FP contact		
BG11-163	1264.40	1265.20	C12748	0.80	<.03	at 1264.9 FP-Wacke contact; at 1265.05m two-<1mm wide py vn's at 25 deg TCA		
BG11-163	1265.20	1266.00	C12749	0.80	<.03	3-7% py in irregular late stress vn'lets and 10-15% early qtz-dol vn'lets		
BG11-163	1266.00	1267.00	C12750	1.00	<.03	1266.2m Wacke-Syn contact; 5-7% anhedral py in vn'ing; 1-3% diss py inmatrix		
BG11-163	1267.00	1268.40	C12751	1.40	<.03	as above		
BG11-163	1268.40	1269.50	C12752	1.10	<.03	5-7% fg py in hairline frac's in Syn unit from 1268.95 to 1269.45m		
BG11-163	1269.50	1270.00	C12753	0.50	<.03	infill sample; negl py in wacke section		
BG11-163	1270.00	1271.00	C12754	1.00	<.03	3-5% py in syn		

Hole_ID	From	To	Sample_#	Length	Au ppm	Description	Au ppm_ck	Au ppm-ck2
BG11-163	1271.00	1272.00	C12755	1.00	<.03	10-15% late qtz-dol vn'lets; 1-5% py in 1mm qtz vn'lets; 1271.5m 1cm wide qtz-dol vn with 5-10% magnetite		
BG11-163	1272.00	1273.00	C12756	1.00	<.03	2-5% py in discontinuous irregular veins; 10-20% qtz-ank vn'ing		
BG11-163	1273.00	1274.20	C12757	1.20	<.03	1% py		
BG11-163	1274.20	1274.80	C12758	0.60	<.03	at 1274.5 a 3mm wide qtz vn at 15 deg TCA with 5% cpy and 2% py		
BG11-163	1274.80	1275.80	C12759	1.00	<.03	outlier sample		
BG11-163	1280.60	1281.80	C12760	1.20	<.03	1280.5 to 1281m 5-10% late white qtz vn'ing and at 1281.7m qtz-dol vn adjacent to slip at 35 deg TCA; tr py, last sample in BG11-163		
BG11-164	12.50	14.00	C11439	1.50	<.03	blocky dior, wispy carb v's, epidote v's, min py		
BG11-164	14.00	15.50	C11440	1.50	<.03	low angle carb v's, prev		
BG11-164	15.50	17.00	C11441	1.50	<.03	carb v, 16.24-16.25m, 50 deg TCA, bleb of cpy, min py		
BG11-164	17.00	18.50	C11442	1.50	<.03	pris Diorite, minor fspar ghosts		
BG11-164	18.50	20.00	C11444	1.50	<.03	hem in frac, prev		
BG11-164	20.00	21.50	C11445	1.50	<.03	inc hem along low angle frac, 0-10 deg TCA		
BG11-164	21.50	23.00	C11446	1.50	0.069	leucox, min epidote, carb v's		
BG11-164	23.00	24.50	C11447	1.50	<.03	prev		
BG11-164	24.50	26.00	C11448	1.50	<.03	min py infilling epi v's, hem		
BG11-164	26.00	27.00	C11449	1.00	<.03	prev		
BG11-164	27.00	28.00	C11450	1.00	<.03	inc hem in matrix		
BG11-164	28.00	29.00	C11451	1.00	<.03	carb at 28.6- 28.85m, leucox		
BG11-164	29.00	30.00	C11452	1.00	<.03	bleached 29-29.3m, min py		
BG11-164	30.00	31.00	C11453	1.00	<.03	pris Diorite, min epi-carb v's		
BG11-164	31.00	32.00	C11454	1.00	<.03	prev		
BG11-164	32.00	33.00	C11455	1.00	<.03	inc epidote v's, min py		
BG11-164	33.00	34.00	C11456	1.00	<.03	epidote v's, min py		
BG11-164	**34.00**	**35.00**	**C11457**	**1.00**	**0.960**	**prev**		
BG11-164	35.00	36.00	C11458	1.00	<.03	inc py 1-3% in min seams, 40-60 deg TCA		
BG11-164	36.00	37.00	C11459	1.00	<.03	py 1-3% in min seams, 40-60 deg TCA		
BG11-164	37.00	38.00	C11460	1.00	<.03	py 1-3% in min seams, 40-60 deg TCA		
BG11-164	38.00	39.50	C11461	1.50	<.03	hem, leucox, carb 38.9-39.2m; gouge 39.16m 30 deg TCA		
BG11-164	39.50	41.00	C11462	1.50	<.03			
BG11-164	41.00	42.50	C11463	1.50	<.03	min seams of py infilling epidote v's 1-3mm, 35-45 deg TCA		
BG11-164	42.50	44.00	C11464	1.50	<.03	gouge 43.5-43.55, 25 deg TCA, hem chl		
BG11-164	44.00	45.00	C11465	1.00	<.03	hem, chl, epidote v's,1% py		
BG11-164	45.00	46.00	C11466	1.00	<.03	hem, chl, epidote v's,1% py		
BG11-164	46.00	47.00	C11467	1.00	0.069	1-2% py in min seams		
BG11-164	**47.00**	**47.60**	**C11468**	**0.60**	**0.686**	**8ft stope at 47.6m min py seams 47.1-47.2m 1-3%**		
BG11-164	50.00	50.50	C11470	0.50	0.069	other side of stope, min py		
BG11-165	28.71	30.30	C12502	1.59	0.069	mafic dyke, two sections of fault gouge at 28.71 and 29.4m; negl py		
BG11-165	30.30	31.20	C12503	0.90	<.03	mafic dyke negl py		
BG11-165	31.20	32.70	C12504	1.50	<.03	mafic dyke-diorite contact at 31.27m; two qtz+carb vn's at 45 and 15 deg TCA <0.5cm wide, negl py and three early qtz-dol vn'lets at 65 deg TCA <0.25 cm wide with 1% py; 32.92m qtz+dol+epi vn adjacent to 75 deg TCA slips, nil py; 4 to 5 weak py+qtz vn'lets 1-3mm wide at variable angles		
BG11-165	32.70	34.10	C12505	1.40	<.03	34.27m one 0.5cm wide vein with 5% py+epi margins at 55 deg TCA; 34.7to 34.8m qtz-dol+epi adjacent to slips at 40-45 deg TCA		
BG11-165	34.10	35.00	C12506	0.90	0.137	infill sample negl py		
BG11-165	35.00	36.50	C12507	1.50	0.069	36.7m one <1mm wide qtz vn'let at 45 deg with epi+carb halo+1% fg py; 37.2m <1mm wide qtz vn'lets over 2cm wide, negl py		
BG11-165	36.50	37.50	C12508	1.00	0.069	38.43m two 1mm wide py vn'lets at 60 deg TCA		
BG11-165	37.50	39.00	C12510	1.50	<.03	39.3m one qtz-carb vn with epi margin 3cm wide at 75 deg TCA, negl py		
BG11-165	39.00	40.50	C12512	1.50	<.03	40.3m 15 deg TCA carb vn 0.1 cm wide; negl py		
BG11-165	40.50	42.00	C12513	1.50	<.03	two subparallel carb vn's at 10 and 0 deg TCA; negl py		

Hole_ID	From	To	Sample_#	Length	Au ppm	Description	Au ppm_ck	Au ppm-ck2
BG11-165	42.00	43.50	C12514	1.50	<.03	strong fault with gouge at 42.6 to 42.7 at 0 deg TCA; badly broken ground		
BG11-165	43.50	45.00	C12515	1.50	0.206	5-15% epi-dol-carb vn'ing; negl py		
BG11-165	45.00	46.00	C12516	1.00	1.406	45-45.6m 0 deg TCA fault-slip with adjacent qtz-carb 0.5 to 1cm wide with 1-2% fg py on margins	1.371	1.440
BG11-165	46.00	47.10	C12517	1.10	0.686	1% diss py in matrix		
BG11-165	47.10	48.56	C12518	1.46	0.137	48.35 to 48.53m hairline frac's with 1% py		
BG11-165	48.56	50.00	C12519	1.44	0.960	infill sample		
BG11-165	50.00	50.70	C12520	0.70	1.406	two to three epi stringers with fg py	1.509	1.303
BG11-165	50.70	51.80	C12521	1.10	0.137	infill sample		
BG11-165	51.80	52.60	C12522	0.80	0.754	51.9m one 2mm wide qtz-epi vn at 35 deg TCA with py		
BG11-165	**52.60**	**53.20**	**C12523**	**0.60**	**1.852**	**52.6 to 53.6m 3-15% py in 0-15 and 55 to 60 deg TCA white carb vn'lets, at 53 to 53.1m a 1cm and 4cm 75% py vn's with crimson red (oxy'd hem) halo at 50 to 60 deg TCA**	**1.714**	**1.989**
BG11-165	53.20	54.00	C12525	0.80	0.960	as described in 52.6 to 53.2m		
BG11-165	54.00	55.00	C12526	1.00	0.480	one 2mm wide carb vn at 20 deg TCA with 10% py		
BG11-165	55.00	56.00	C12527	1.00	0.137	1-2 carb vn'lets with py		
BG11-165	56.00	57.50	C12528	1.50	0.274	infill sample, contact DioriteBx-diorite at 57.5m		
BG11-165	57.50	59.00	C12529	1.50	0.069	infill sample		
BG11-165	59.00	60.00	C12530	1.00	0.343	three weak carb-epi vn's at 59.2m at 55 deg TCA		
BG11-165	60.00	61.00	C12532	1.00	0.480	0ne 1mm carb vn at 55 deg TCA with py; at 60.77m 80 deg TCA py+epi vnlet near slip; two 1 cm wide carb+ep vn's with 1% py at 15 deg TCA		
BG11-165	**61.00**	**62.00**	**C12533**	**1.00**	**2.400**	**two 1 to 2cm wide py vn's at 61.05 to 61.2 at 20 deg TCA and 5-7% py in multiple carb -epi vn'lets at 65 to 80 deg TCA**	**2.057**	**2.743**
BG11-165	**62.00**	**63.00**	**C12534**	**1.00**	**0.343**	**3-5% py in multiple carb-epi vn'lets 15 and 45-65 deg TCA**		
BG11-165	**63.00**	**64.00**	**C12535**	**1.00**	**1.886**	**63.38 to 63.52m fault at 35 deg TCA with white porcelain qtz-carb and 10cm wide 65% py at 35 deg TCA; two other carb vn'lets 0.5cm wide at 45 deg TCA with 1-3% py**	**1.920**	**1.851**
BG11-165	64.00	65.00	C12536	1.00	0.274	64.63m ground rubbly core with 3-5% py over ~ 3cm wide		
BG11-165	65.00	66.00	C12537	1.00	<.03	two 2mm wide epi-carb vnlets with fg anhedral py		
BG11-165	66.00	67.00	C12538	1.00	0.137	one 1mm wide carb-epi vnlet at 65 deg TCA		
BG11-165	67.00	68.00	C12539	1.00	<.03	infill sample		
BG11-165	68.00	69.50	C12540	1.50	<.03	infill sample		
BG11-165	69.50	71.00	C12541	1.50	<.03	some weak epi-carb vn'lets with 1-2% py overall		
BG11-165	71.00	72.00	C12542	1.00	<.03	71.5m two white carb vn's at 15 and 5 deg TCA, 0.75 cm wide, tr py		
BG11-165	72.00	73.10	C12543	1.10	0.411	two 1-2mm wide epi-carb vn's with py up to 3mm wide at 40 deg TCA		
BG11-165	73.10	74.00	C12544	0.90	<.03	73.1m slip with carb + py at 5 deg TCA and at 73.7 to 74m 5-7% carb vn'ing with 3-5% py		
BG11-165	74.00	75.50	C12545	1.50	<.03	infill sample		
BG11-165	75.50	77.00	C12546	1.50	<.03	infill sample		
BG11-165	77.00	78.50	C12547	1.50	<.03	badly broken core 3-5% py on slips		
BG11-165	78.50	80.00	C12548	1.50	<.03	infill sample 80 m EOH		
BG11-166	22.50	23.50	C13719	1.00	<.03	epidote v's, carb, hem, 1% py		
BG11-166	23.50	24.50	C13721	1.00	<.03	min epidote, carb v's 80 deg TCA, 2-3% py, hem, blocky		
BG11-166	24.50	26.00	C13722	1.50	<.03	min epidote, carb v's min py, hem, blocky		
BG11-166	26.00	27.50	C13723	1.50	0.069	dec v's, blocky, min py		
BG11-166	27.50	29.00	C13724	1.50	<.03	slightly bleached, hem, min py		
BG11-166	29.00	30.50	C13725	1.50	<.03	leucox, 1% py		
BG11-166	30.50	31.40	C13726	0.90	<.03	prev		
BG11-166	31.40	32.00	C13727	0.60	0.549	carb v, 3-5% py, 31.6-31.66m		
BG11-166	32.00	33.00	C13728	1.00	0.343	inc py in carb v's 1-5%, 30 deg TCA		
BG11-166	33.00	34.10	C13729	1.10	<.03	leucox, epi, carb v's 20 deg TCA, 1-2% py		
BG11-166	34.10	35.00	C13730	0.90	<.03	min py		
BG11-166	35.00	36.50	C13731	1.50	<.03	feld ghosts, min v's		
BG11-166	36.50	38.00	C13732	1.50	<.03	dec v's, min py		
BG11-166	38.00	39.50	C13734	1.50	<.03	dec v's, min py		
BG11-166	39.50	41.00	C13735	1.50	<.03	inc epi, hem, leucox		

Hole_ID	From	To	Sample_#	Length	Au ppm	Description	Au ppm_ck	Au ppm-ck2
BG11-166	41.00	42.50	C13736	1.50	<.03	prev		
BG11-166	42.50	44.00	C13737	1.50	<.03	prev		
BG11-166	44.00	45.50	C13738	1.50	<.03	prev		
BG11-166	45.50	47.00	C13739	1.50	<.03	prev		
BG11-166	47.00	47.60	C13740	0.60	<.03	epi, hem, min py		
BG11-166	47.60	48.10	C13741	0.50	<.03	wispy carb v, 47.64-47.74m, 1-5% py		
BG11-166	48.10	49.00	C13742	0.90	<.03	epi, hem, min py		
BG11-166	49.00	50.00	C13743	1.00	<.03	epi, hem, min py		
BG11-166	50.00	51.00	C13744	1.00	<.03	epi, hem, min py		
BG11-166	51.00	51.80	C13746	0.80	0.137	1-2% infills, slight bleaching, 51.6-51.8m		
BG11-166	51.80	53.00	C13747	1.20	0.206	1-3% py in carb, epidote clots, min cpy		
BG11-166	53.00	54.00	C13748	1.00	<.03	1-2% py in carb, epidote clots		
BG11-166	54.00	55.50	C13749	1.50	0.274	1% py in carb v's, epidote clots, hem		
BG11-166	55.50	57.00	C13750	1.50	0.069	1% py in carb v's, epidote clots, hem		
BG11-166	57.00	58.50	C13751	1.50	<.03	1% py in carb v's, epidote clots, hem		
BG11-166	58.50	60.00	C13752	1.50	<.03	1-2% py in carb, epidote clots		
BG11-166	60.00	61.00	C13753	1.00	<.03	bleached, 60.3-60.5m, 1-2% py		
BG11-166	61.00	62.00	C13754	1.00	0.206	1% py in carb v's, epidote clots, hem		
BG11-166	62.00	62.70	C13755	0.70	0.617	1% py in carb v's, epidote clots, hem		
BG11-166	62.70	63.40	C13756	0.70	0.960	seam of py, carb v, 40-45 deg TCA, 20-30% py, hem, bleached		
BG11-166	63.40	64.00	C13758	0.60	0.137	1% py in carb v's, epidote clots, hem		
BG11-166	64.00	65.00	C13759	1.00	<.03	1% py in carb v's, epidote clots, hem		
BG11-166	65.00	66.00	C13760	1.00	0.069	1% py in carb v's, epidote clots, hem		
BG11-166	66.00	67.00	C13761	1.00	0.069	inc low angle carb v's, prev		
BG11-166	67.00	68.00	C13762	1.00	<.03	prev		
BG11-166	68.00	69.00	C13763	1.00	<.03	prev		
BG11-166	69.00	70.00	C13764	1.00	0.686	1-2% py in carb, dissem		
BG11-166	70.00	71.00	C13765	1.00	2.092	blocky, bleached, hem, 2-5% py	2.057	2.126
BG11-166	71.00	72.00	C13766	1.00	0.411	min py in carb, dissem		
BG11-166	72.00	73.00	C13767	1.00	<.03	dec clots of epidote, min py		
BG11-166	73.00	74.00	C13768	1.00	<.03	low angle carb v's, epi v's, min py		
BG11-166	74.00	75.00	C13769	1.00	0.411	low angle carb v's, epi v's, min py		
BG11-166	75.00	76.00	C13771	1.00	<.03	inc alter'n, bleached, min py		
BG11-166	76.00	77.00	C13772	1.00	0.411	bleached, slip 76.1m, 15 deg TCA, 1-2% py		
BG11-166	77.00	78.00	C13773	1.00	0.137	low angle carb v's, epi v's, min py		
BG11-166	78.00	79.00	C13774	1.00	<.03	low angle carb v's, epi v's, min py, hem		
BG11-166	79.00	80.00	C13775	1.00	<.03	low angle carb v's, epi v's, min py, hem		
BG11-166	80.00	81.00	C13776	1.00	<.03	low angle carb v's, epi v's, min py, hem		
BG11-166	81.00	82.00	C13777	1.00	<.03	low angle carb v's, epi v's, min py, hem		
BG11-166	82.00	83.00	C13778	1.00	<.03	low angle carb v's, epi v's, min py, hem; EOH 83m		
BG11-167	24.50	25.20	C13779	0.70	<.03	Bimodal FP, pristine, min py		
BG11-167	25.20	26.20	C13780	1.00	0.069	contact, Bi-FP-Diorite, 25.7m 35 deg TCA		
BG11-167	26.20	27.00	C13781	0.80	0.069	leucox, py 1-2% epidote, carb v's		
BG11-167	27.00	28.00	C13782	1.00	<.03	epidote, carb v's min py		
BG11-167	28.00	29.00	C13783	1.00	0.274	epidote, carb v's min py, leucox		
BG11-167	31.70	32.50	C13784	0.80	<.03	carb v, 32.29-32.32m, 45 deg TCA, min py, hem, chl		
BG11-167	32.50	33.50	C13785	1.00	<.03	epidote, carb v's min py		
BG11-167	33.50	34.50	C13786	1.00	<.03	carb v, 33.73-33.74, 45-50 deg TCA, 1-5% py		
BG11-167	34.50	35.50	C13787	1.00	<.03	wispy carb v's, 1-5% py		
BG11-167	35.50	36.50	C13788	1.00	0.069	epidote, carb v's, 45 deg TCA, 1-3% py		
BG11-167	36.50	37.50	C13789	1.00	<.03	epidote, carb v's, min py		
BG11-167	37.50	38.50	C13790	1.00	<.03	feldspar ghosts, min py		

Hole_ID	From	To	Sample_#	Length	Au ppm	Description	Au ppm_ck	Au ppm-ck2
BG11-167	38.50	39.30	C13791	0.80	<.03	epidote, carb v's, 1% py		
BG11-167	39.30	40.00	C13792	0.70	0.274	qtz-carb v 30 deg TCA, 39.45-39.63m 1-3% py		
BG11-167	40.00	41.00	C13793	1.00	<.03	epidote, carb v's, min py, leucox		
BG11-167	41.00	41.80	C13794	0.80	<.03	epidote, carb v's, min py, leucox		
BG11-167	41.80	42.40	C13796	0.60	0.069	**qtz-carb flooding, wispy carb, leucox, 1-3% py, hem**		
BG11-167	42.40	43.30	C13798	0.90	<.03	epidote, carb v's, min py		
BG11-167	43.30	44.60	C13799	1.30	<.03	epidote, carb v's, min py		
BG11-167	44.60	45.60	C13800	1.00	<.03	epidote, carb v's, min py		
BG11-167	45.60	47.00	C13801	1.40	<.03	epidote, carb v's, min py		
BG11-167	47.00	48.30	C13802	1.30	<.03	slip 47.8m 25 deg TCA, hem, carb, min py		
BG11-167	48.30	49.00	C13803	0.70	<.03	1-2% py in carb v, 35 deg TCA		
BG11-167	49.00	50.00	C13804	1.00	<.03	1-2% py in carb v, 55 deg TCA		
BG11-167	50.00	51.00	C13805	1.00	<.03	gouge at 49.7m 35 deg TCA, min py		
BG11-167	51.00	51.55	C13806	0.55	<.03	**3-5% py in carb-epidote v 51.22-51.3m**		
BG11-167	51.55	52.30	C13807	0.75	<.03	epidote, carb v's, min py		
BG11-167	52.30	53.30	C13808	1.00	<.03	epidote, carb v's, min py		
BG11-167	53.30	54.30	C13809	1.00	<.03	epidote, carb v's, 1% py		
BG11-167	54.30	55.40	C13810	1.10	<.03	low angle qtz-carb v, 54.5-55.4m bull, 1% dissem py		
BG11-167	55.40	56.40	C13811	1.00	<.03	epidote, carb v's, 1-2% py		
BG11-167	56.40	57.20	C13812	0.80	<.03	qtz-carb-ank flood, 56.6-57.1m, 1-2% py		
BG11-167	57.20	58.20	C13813	1.00	<.03	blocky, gouge 57.8-57.95, 20 deg TCA, 1-3% py, hem		
BG11-167	58.20	59.00	C13814	0.80	<.03	epidote, carb v's, 1% py, hem		
BG11-167	59.00	60.50	C13815	1.50	<.03	epidote, carb v's, min py, hem		
BG11-167	60.50	62.00	C13816	1.50	<.03	prev		
BG11-167	62.00	63.50	C13817	1.50	<.03	epidote clots, min py		
BG11-167	63.50	65.00	C13818	1.50	0.069	prev		
BG11-167	65.00	66.50	C13819	1.50	<.03	prev		
BG11-167	66.50	68.00	C13820	1.50	<.03	prev		
BG11-167	68.00	69.50	C13821	1.50	<.03	prev		
BG11-167	69.50	71.00	C13822	1.50	<.03	prev		
BG11-167	71.00	72.00	C13823	1.00	<.03	carb v's 20 deg TCA, min py		
BG11-167	72.00	73.00	C13824	1.00	<.03	epidote clots, min py		
BG11-167	73.00	74.00	C13825	1.00	<.03	epidote clots, min py		
BG11-167	74.00	75.00	C13826	1.00	<.03	epidote clots, min py		
BG11-167	75.00	76.00	C13827	1.00	0.069	epidote clots, min py		
BG11-167	**76.00**	**77.00**	**C13828**	**1.00**	**0.823**	**min seams, cse py, 1-2%**		
BG11-167	77.00	78.00	C13829	1.00	0.411	epidote clots, min py		
BG11-167	78.00	78.50	C13830	0.50	<.03	bleached, 1-3% py in min seams		
BG11-167	78.50	79.30	C13831	0.80	0.206	**bleached, carb v, 5-10% py, hem**		
BG11-167	79.30	80.00	C13833	0.70	<.03	bleached, blocky, 1-3% py EOH 80m		
BG11-168	26.30	27.00	C13636	0.70	<.03	carb v 26.4-26.5m, 20 deg TCA, epidote v's, min py		
BG11-168	27.00	28.00	C13637	1.00	<.03	epidote in matrix, min hem, py		
BG11-168	28.00	29.00	C13638	1.00	<.03	qtz-carb v's, 28.5-28.8m, 1-2cm wide, leucox, min py		
BG11-168	29.00	30.00	C13639	1.00	0.480	min v's, min py		
BG11-168	**30.00**	**31.00**	**C13640**	**1.00**	**0.754**	**blocky, min v's**		
BG11-168	31.00	32.00	C13641	1.00	<.03	very blocky		
BG11-168	32.00	33.00	C13642	1.00	0.069	min v's, min py, blocky		
BG11-168	33.00	34.00	C13643	1.00	<.03	fresh dior		
BG11-168	34.00	35.00	C13644	1.00	0.411	prev, lo angle cab v's		
BG11-168	35.00	36.00	C13646	1.00	<.03	1-2% py in carb v stringers, 1-2mm wide		
BG11-168	36.00	36.60	C13647	0.60	0.411	inc epidote stringers, qtz-dol v's low angle		
BG11-168	**36.60**	**37.40**	**C13648**	**0.80**	**0.549**	**frac, bleached, 36.9-37.4m, 1-2% py in v's**		

Hole_ID	From	To	Sample_#	Length	Au ppm	Description	Au ppm_ck	Au ppm-ck2
BG11-168	**37.40**	**38.40**	**C13649**	**1.00**	**0.891**	**blocky, min bleached section, qtz-dol v's continue, 1-2% py**		
BG11-168	38.40	39.50	C13650	1.10	0.343	wispy, qtz-dol, min py infilling, in low angle carb v's		
BG11-168	39.50	40.00	C13651	0.50	1.269	hem zone,39.7-39.75m, 2-5% py	1.234	1.303
BG11-168	**40.00**	**41.00**	**C13652**	**1.00**	**0.549**	**wispy, low-high angle qtz-dol v's, pris dior, min py**		
BG11-168	41.00	42.00	C13653	1.00	<.03	prev, carb v, 70-80 deg TCA, 41.62-41.63m 2-5% py		
BG11-168	42.00	43.00	C13654	1.00	<.03	inc py infilling, bleached, 42.8-43m, 1-2% py		
BG11-168	43.00	44.00	C13655	1.00	0.137	prev, blocky, low angle qtz-dol v's, 1-3% py		
BG11-168	44.00	44.60	C13656	0.60	0.274	min v's, dec epidote, pristine dior		
BG11-168	44.60	45.30	C13657	0.70	3.635	**44.8-45.02m 50-75% py seam in carb v**	4.046	3.223
BG11-168	**45.30**	**46.00**	**C13659**	**0.70**	**0.686**	**cont, qtz-dol v's, wispy, min py**		
BG11-168	46.00	47.00	C13660	1.00	0.480	min qtz-dol v's		
BG11-168	47.00	48.00	C13661	1.00	0.343	prev, min carb v's		
BG11-168	48.00	49.00	C13662	1.00	0.274	prev		
BG11-168	**49.00**	**50.00**	**C13663**	**1.00**	**0.960**	**low angle qtz-dol v's, 20-25 deg TCA, min py**		
BG11-168	**50.00**	**51.00**	**C13664**	**1.00**	**0.754**	**prev, pristine dior**		
BG11-168	51.00	52.00	C13665	1.00	0.480	prev		
BG11-168	52.00	53.00	C13666	1.00	<.03	min py infilling, 1% py		
BG11-168	53.00	54.00	C13667	1.00	<.03	wispy, carb v's, low angle, min py		
BG11-168	54.00	55.00	C13668	1.00	<.03	carb v, 54.16-54.45m, 0-10 deg TCA, in py		
BG11-168	55.00	56.00	C13669	1.00	<.03	wispy, carb v's, low angle, min py		
BG11-168	56.00	57.00	C13671	1.00	<.03	prev		
BG11-168	57.00	58.00	C13672	1.00	<.03	slip, 57.9m, 40 deg TCA; talc in fract		
BG11-168	58.00	59.00	C13673	1.00	<.03	prev, gouge, 58.25m, 35 deg TCA		
BG11-168	59.00	60.00	C13674	1.00	<.03	prev, gouge 59.4m, 20 deg TCA		
BG11-168	60.00	61.00	C13675	1.00	<.03	wispy, carb v's, low angle, min py		
BG11-168	61.00	62.00	C13676	1.00	<.03	prev		
BG11-168	62.00	63.00	C13677	1.00	<.03	prev		
BG11-168	63.00	64.00	C13678	1.00	<.03	wispy, carb v's, low angle, min py		
BG11-168	64.00	65.00	C13679	1.00	<.03	wispy, carb v's, low angle, min py		
BG11-168	65.00	66.00	C13680	1.00	<.03	dec v's, min py		
BG11-168	66.00	67.00	C13681	1.00	<.03	dec v's, min py		
BG11-168	67.00	68.00	C13682	1.00	<.03	inc alt., fol'n 35 deg TCA		
BG11-168	68.00	69.00	C13683	1.00	<.03	gouge 68.9m, 45 deg TCA		
BG11-168	69.00	70.00	C13684	1.00	<.03	alt,prev		
BG11-168	70.00	70.70	C13685	0.70	<.03	MAIN BREAK, 70.08-70.7M, clay-mud gouge, 35 deg TCA, min py		
BG11-168	70.70	71.70	C13686	1.00	<.03	alt, breccia, qtz-feld-ser, min py		
BG11-168	71.70	72.50	C13687	0.80	0.137	alt, hem, 1% py		
BG11-168	72.50	73.50	C13688	1.00	0.274	prev, fn dissem py, 1%		
BG11-168	73.50	74.50	C13689	1.00	<.03	prev, frac		
BG11-168	74.50	75.30	C13690	0.80	0.206	prev		
BG11-168	75.30	76.00	C13691	0.70	<.03	prev, magnetic start at 75.4m		
BG11-168	76.00	77.00	C13692	1.00	0.206	leucox starts, inc carb in matrix		
BG11-168	77.00	78.00	C13693	1.00	0.137	min seams of py, 1-3%, leucox		
BG11-168	78.00	79.00	C13694	1.00	<.03	blocky, leucox, spec hem		
BG11-168	79.00	79.80	C13696	0.80	<.03	blocky, leucox, spec hem		
BG11-168	79.80	80.30	C13697	0.50	0.069	inc py, 1-2%, blocky		
BG11-168	80.30	81.00	C13698	0.70	<.03	blocky, leucox, spec hem		
BG11-168	81.00	82.00	C13699	1.00	<.03	blocky, spec hem		
BG11-168	82.00	83.00	C13700	1.00	<.03	blocky, spec hem		
BG11-168	83.00	84.00	C13701	1.00	<.03	prev, very blocky		
BG11-168	84.00	85.00	C13702	1.00	<.03	blocky, spec hem		
BG11-168	85.00	86.00	C13703	1.00	<.03	blocky, spec hem		

Hole_ID	From	To	Sample_#	Length	Au ppm	Description	Au ppm_ck	Au ppm-ck2
BG11-168	86.00	87.00	C13704	1.00	<.03	blocky, spec hem		
BG11-168	87.00	88.00	C13705	1.00	0.274	blocky, spec hem		
BG11-168	88.00	89.00	C13706	1.00	<.03	magnetics end at 88.95m, prev		
BG11-168	89.00	90.00	C13707	1.00	<.03	leuco, contact Diorite-Bi-Modal FP 89.4m 75-80 deg TCA		
BG11-168	90.00	91.00	C13709	1.00	<.03	Bimodal-FP, min py		
BG11-168	91.00	92.00	C13710	1.00	<.03	Bimodal-FP, min py, EOH 92m		
BG11-169	19.90	21.00	C12101	1.10	<.03			
BG11-169	21.00	22.00	C12102	1.00	<.03			
BG11-169	**22.00**	**23.00**	**C12103**	**1.00**	**0.891**	**BC w 0.2m 3-5% cse d py@75 posy w GC**		
BG11-169	26.00	27.50	C12104	1.50	<.03			
BG11-169	27.50	29.00	C12105	1.50	<.03			
BG11-169	29.00	30.50	C12106	1.50	<.03			
BG11-169	30.50	32.00	C12107	1.50	<.03			
BG11-169	32.00	33.30	C12108	1.30	<.03			
BG11-169	33.30	34.10	C12109	0.80	<.03	1/4" 80% cse py vn w 10% dk gy qtz@80 assd w epi		
BG11-169	**34.10**	**35.00**	**C12110**	**0.90**	**0.617**	**flt imm foll by 0.4m 50% cse py vn's to 1"@45; w 15% q-ank**		
BG11-169	35.00	36.00	C12112	1.00	<.03	1" epi-30% cse py-med gy qtz vn @45		
BG11-169	36.00	37.00	C12113	1.00	<.03			
BG11-169	37.00	38.00	C12114	1.00	<.03			
BG11-169	38.00	39.50	C12115	1.50	<.03			
BG11-169	39.50	40.70	C12116	1.20	<.03			
BG11-169	40.70	41.35	C12117	0.65	<.03			
BG11-169	41.35	42.50	C12118	1.15	<.03			
BG11-169	42.50	44.00	C12119	1.50	<.03	5% epi+q-ank		
BG11-169	44.00	45.00	C12120	1.00	<.03	hem'd locy@45 w 30% q-ank +5% cse d py in BC		
BG11-169	45.00	45.50	C12121	0.50	<.03			
BG11-169	45.50	46.50	C12122	1.00	<.03	1/8" 20% cse py vn@35 inBC		
BG11-169	46.50	47.00	C12123	0.50	<.03			
BG11-169	47.00	48.50	C12124	1.50	<.03			
BG11-169	48.50	50.00	C12126	1.50	<.03			
BG11-169	50.00	51.05	C12127	1.05	<.03	1/4" epi-20% cse py vn@40		
BG11-169	51.05	51.75	C12128	0.70	<.03			
BG11-169	51.75	53.00	C12129	1.25	<.03			
BG11-169	53.00	54.50	C12130	1.50	<.03			
BG11-169	54.50	56.00	C12131	1.50	<.03			
BG11-169	56.00	57.50	C12132	1.50	<.03			
BG11-169	57.50	59.00	C12133	1.50	<.03			
BG11-169	59.00	60.15	C12134	1.15	<.03			
BG11-169	60.15	61.00	C12135	0.85	<.03			
BG11-169	**61.00**	**61.85**	**C12136**	**0.85**	**0.960**	**0.2m w 3% cse d py@45**		
BG11-169	**61.85**	**62.85**	**C12137**	**1.00**	**5.040**	**flt imm prec by 0.1m hily bl'd w 8% cse d py@45**	**5.691**	**4.389**
BG11-169	62.85	63.90	C12139	1.05	<.03			
BG11-169	63.90	65.00	C12140	1.10	0.274			
BG11-169	65.00	66.50	C12141	1.50	<.03			
BG11-169	66.50	67.00	C12142	0.50	<.03	2% cse d py@50		
BG11-169	67.00	68.00	C12143	1.00	<.03			
BG11-169	68.00	69.30	C12144	1.30	<.03			
BG11-169	69.30	70.40	C12145	1.10	<.03			
BG11-169	70.40	71.30	C12146	0.90	<.03	BC; 1/8" 50% cse py vn@50		
BG11-169	71.30	72.50	C12147	1.20	<.03	BC@5-15		
BG11-169	72.50	74.00	C12148	1.50	0.069	BC@5-15		
BG11-169	74.00	74.55	C12149	0.55	<.03	0.1m hily bl'd w 30% q-ank@65; 4% cse d py		

Hole_ID	From	To	Sample_#	Length	Au ppm	Description	Au ppm_ck	Au ppm-ck2
BG11-169	74.55	75.80	C13301	1.25	<.03	wy hem'd locy		
BG11-169	75.80	77.35	C13302	1.55	<.03			
BG11-169	80.90	81.60	C13303	0.70	<.03	1/4" 6% cse d py@70 on chl fract		
BG11-169	81.60	82.60	C13304	1.00	<.03			
BG11-169	82.60	83.10	C13305	0.50	<.03	flt imm foll by 1/8" 30% cse py vn@45		
BG11-169	83.10	84.10	C13306	1.00	<.03			
BG11-169	88.20	89.00	C13307	0.80	<.03			
BG11-169	89.00	89.70	C13308	0.70	0.069	0.3m hily bl'd w 15% q-ank-carb@40 w 6-9% cse d py		
BG11-169	**89.70**	**90.65**	**C13310**	**0.95**	**13.475**	**1/2" hily bl'd w 2* 1/8" 20% cse py vn's assd w chl fract's@13**	**14.263**	**12.686**
BG11-169	90.65	92.00	C13311	1.35	0.343			
BG11-169	92.00	93.10	C13312	1.10	0.343	1" 15% cse d py@70 ends alt'n		
BG11-169	99.30	101.00	C13313	1.70	<.03			
BG11-169	101.00	102.50	C13314	1.50	<.03			
BG11-169	102.50	104.35	C13315	1.85	<.03			
BG11-169	**104.35**	**105.30**	**C13316**	**0.95**	**0.686**	**0.1m hily bl'd @70 w 3-4% cse d py**		
BG11-169	105.30	106.65	C13317	1.35	0.274			
BG11-169	106.65	107.90	C13318	1.25	0.343	MAIN BRK-all gouge		
BG11-169	**107.90**	**108.90**	**C13319**	**1.00**	**0.754**	**5% leuco**		
BG11-169	108.90	110.00	C13320	1.10	<.03	5% leuco		
BG11-169	110.00	111.50	C13321	1.50	<.03	5% leuco		
BG11-169	111.50	113.00	C13322	1.50	<.03	5% leuco; 1/8" 15% cse py vn@70		
BG11-169	113.00	113.85	C13323	0.85	<.03	5% leuco		
BG11-169	113.85	114.50	C13324	0.65	0.274	3/4" 80% cse py vn@80; 5% leuco		
BG11-169	114.50	115.05	C13325	0.55	4.526	5% leuco; 1/8" 55% cse py vn@70	4.457	4.594
BG11-169	115.05	115.85	C13327	0.80	<.03	1/8" 80% cse py vn@70		
BG11-169	115.85	116.95	C13328	1.10	<.03			
BG11-169	116.95	117.95	C13329	1.00	0.137	1/2" 35% cse py vn@70		
BG11-169	117.95	118.90	C13330	0.95	0.411	1/8" 80% cse py vn@70		
BG11-169	118.90	119.65	C13331	0.75	<.03			
BG11-169	119.65	120.70	C13332	1.05	4.080	2* 1/2" 80% cse py vn's@40 bring in 0.3m 50% cse d py in q-ank+chl imm foll by 3/4" 60% cse py vn@45 imm foll to ct by 20% q-ank+5-10% cse d py	4.251	3.909
BG11-169	120.70	121.40	C13334	0.70	1.680	15% q-ank+5% cse d py	1.714	1.646
BG11-169	121.40	122.20	C13335	0.80	<.03			
BG11-169	125.25	126.50	C13336	1.25	<.03	locy wy bl'd		
BG11-169	126.50	127.20	C13337	0.70	<.03			
BG11-169	127.20	128.20	C13338	1.00	2.057	0.3m 35% q-ank in chl w 10% cse d py	2.057	2.057
BG11-169	128.20	129.50	C13339	1.30	0.069			
BG11-169	129.50	131.00	C13340	1.50	<.03			
BG11-170	18.60	20.00	C13341	1.40	<.03			
BG11-170	20.10	21.60	C13342	1.50	<.03			
BG11-170	21.60	23.00	C13343	1.40	<.03			
BG11-170	23.00	23.70	C13344	0.70	0.069	chl'c; 4% cse d py		
BG11-170	23.70	24.35	C13345	0.65	0.137	3* 1/8" 15% cse py vn's assd w 1/4" epi@40		
BG11-170	24.35	25.30	C13346	0.95	<.03	chl'c; 4% cse d py		
BG11-170	25.90	27.30	C13347	1.40	<.03			
BG11-170	27.30	28.15	C13348	0.85	0.274	1/2" 20% cse py vn in epi@60		
BG11-170	28.15	29.60	C13349	1.45	<.03			
BG11-170	29.60	30.60	C13351	1.00	<.03	0.2m bull q-ank vn in 0.3m 50% epi@30		
BG11-170	30.60	32.30	C13352	1.70	<.03			
BG11-170	32.30	34.20	C13353	1.90	<.03			
BG11-170	**34.20**	**35.55**	**C13354**	**1.35**	**0.754**	**1" 60% cse py vn in 0.1m epi@30; 0.1m hily bl'd w 60% cse py vn+epi@55 imm foll by 0.15m bull q-carb vn imm foll by 0.4m 25% epi+10% cse d py**		

Hole_ID	From	To	Sample_#	Length	Au ppm	Description	Au ppm_ck	Au ppm-ck2
BG11-170	35.55	36.20	C13356	0.65	0.206	0.4m 25% epi+10% cse d py		
BG11-170	36.20	36.85	C13357	0.65	<.03	1/4" 50% cse py vn@50		
BG11-170	36.85	38.50	C13358	1.65	<.03			
BG11-170	38.50	40.30	C13359	1.80	<.03			
BG11-170	40.30	41.00	C13360	0.70	<.03			
BG11-170	41.00	41.75	C13361	0.75	<.03	1/8" 70% cse py vn@45		
BG11-170	41.75	43.10	C13362	1.35	<.03			
BG11-170	43.10	44.15	C13363	1.05	<.03	wy bl'd w 3% cse d py		
BG11-170	44.15	45.00	C13364	0.85	<.03			
BG11-170	45.00	46.00	C13365	1.00	<.03	1/4" 40% cse py vn@30; 1/8" vuggy 20% cse py vn@45		
BG11-170	46.00	46.90	C13366	0.90	<.03			
BG11-170	46.90	47.95	C13367	1.05	<.03	5% cse d py		
BG11-170	47.95	48.60	C13368	0.65	<.03	8% cse d py; 1/2" 70% cse py vn@70; chl'ck		
BG11-170	48.60	49.80	C13370	1.20	<.03			
BG11-170	49.80	51.15	C13371	1.35	<.03			
BG11-170	51.15	52.00	C13372	0.85	<.03	1" magn vn @70 w up to 1/2" 60% cse py v+2% cp; 1/8" 20% cse py vn@110		
BG11-170	52.00	53.00	C13373	1.00	<.03			
BG11-170	53.00	54.20	C13374	1.20	<.03	1/8" 15% cse py vn@70		
BG11-170	54.20	55.20	C13376	1.00	<.03	3* 1/8" 10% cse py vn's @75		
BG11-170	55.20	56.10	C13377	0.90	<.03			
BG11-170	56.10	56.85	C13378	0.75	<.03	1/2" dk gy sil-chl vn w 5% cse d py@30 assd w q-ank		
BG11-170	56.85	57.40	C13379	0.55	<.03	1/4" 30% cse py vn@70		
BG11-170	57.40	58.75	C13380	1.35	<.03			
BG11-170	58.75	60.20	C13381	1.45	<.03			
BG11-170	60.20	61.00	C13382	0.80	<.03			
BG11-170	61.00	62.65	C13383	1.65	<.03			
BG11-170	62.65	63.50	C13384	0.85	<.03			
BG11-170	63.50	64.10	C13385	0.60	0.480	3/4" 70% cse py vn+1/8" dk gy sil-chl vn@75		
BG11-170	64.10	65.00	C13386	0.90	<.03			
BG11-170	65.00	66.40	C13387	1.40	<.03			
BG11-170	**66.40**	**67.00**	**C13388**	**0.60**	**0.617**	**0.05m 85% cse py vn@45 brings in hily bl'd -posy fel intr locy or just hily alt'd bx frag's (wy hem'd) w 10-12% cse d py ending at Main Brk**		
BG11-170	**67.00**	**68.00**	**C13390**	**1.00**	**0.686**	**hily bl'd -posy fel intr locy or just hily alt'd bx frag's (wy hem'd) w 10-12% cse d py ending at Main Brk**		
BG11-170	68.00	69.30	C13391	1.30	1.886	hily bl'd -posy fel intr locy or just hily alt'd bx frag's (wy hem'd) w 10-12% cse d py ending at Main Brk	1.920	1.851
BG11-170	69.30	69.80	C13392	0.50	0.274	MAIN BRK in BC-freshens quickly after		
BG11-170	69.80	70.70	C13393	0.90	<.03			
BG11-170	70.70	72.20	C13394	1.50	0.069			
BG11-170	72.20	73.75	C13395	1.55	<.03			
BG11-170	73.75	75.30	C13396	1.55	<.03			
BG11-170	75.30	76.10	C13397	0.80	0.069			
BG11-170	76.10	77.00	C13398	0.90	0.069	2* 1/8" 50% cse py vn's@45		
BG11-170	77.00	78.10	C13399	1.10	0.617			
BG11-170	78.10	78.60	C13401	0.50	<.03	1/2" gouge flt -not much alt'n in wallrock		
BG11-170	78.60	80.00	C13402	1.40	<.03			
BG11-170	80.00	81.30	C13403	1.30	<.03			
BG11-170	81.30	82.40	C13404	1.10	<.03	wy shr'd		
BG11-170	82.40	83.90	C13405	1.50	<.03			
BG11-170	83.90	85.50	C13406	1.60	<.03	1/4" q-carb vn w 10% cse d py@25		
BG11-170	85.50	86.85	C13407	1.35	<.03			
BG11-170	86.85	88.15	C13408	1.30	<.03	1/2" q-carb vn on fract imm prec by BC @70		
BG11-170	88.15	89.00	C13409	0.85	<.03			

Hole_ID	From	To	Sample_#	Length	Au ppm	Description	Au ppm_ck	Au ppm-ck2
BG11-170	89.00	89.80	C13410	0.80	<.03			
BG11-170	89.80	90.50	C13411	0.70	0.069	0.05m 50% cse py vn@45		
BG11-170	90.50	91.50	C13413	1.00	<.03			
BG11-170	91.50	92.70	C13414	1.20	<.03	3% cse d py locy conc		
BG11-170	92.70	93.90	C13415	1.20	<.03	1/8" 30% cse py vn@35		
BG11-170	93.90	95.00	C13416	1.10	<.03			
BG11-170	**95.00**	**95.75**	**C13417**	**0.75**	**0.891**	**0.05m 50% cse py vn@75; 10% chl-sil frag's**		
BG11-170	95.75	96.75	C13418	1.00	<.03	0.4m wy hem'd w 5% cse d py@45		
BG11-170	96.75	98.00	C13419	1.25	<.03			
BG11-170	100.30	101.00	C13420	0.70	<.03	4% cse d py		
BG11-170	101.00	102.60	C13421	1.60	<.03	4% cse d py; 0.1m q-ank-med gy qv @30 w 2% cse d py		
BG11-170	102.60	103.90	C13422	1.30	<.03	5% cse d py		
BG11-170	103.90	105.20	C13423	1.30	<.03	chl fract's@25		
BG11-170	114.10	115.00	C13424	0.90	<.03	3% cse d py		
BG11-170	115.00	116.60	C13426	1.60	<.03	wy hem'd bx frag's w 2% cse d py		
BG11-170	116.60	117.90	C13427	1.30	<.03	wy hem'd bx frag's w 2% cse d py		
BG11-170	117.90	119.00	C13428	1.10	0.069	wy hem'd bx frag's w 2% cse d py		
BG11-170	119.00	119.95	C13429	0.95	<.03	wy hem'd bx frag's w 2% cse d py		
BG11-170	119.95	120.60	C13430	0.65	<.03	4% cse d py		
BG11-170	125.55	126.60	C13431	1.05	<.03	3% cse d py		
BG11-170	126.60	127.90	C13432	1.30	<.03	3% cse d py		
BG11-170	127.90	129.20	C13433	1.30	<.03	wy hem'd bx frag's w 4% cse d py		
BG11-170	129.20	130.70	C13434	1.50	<.03	infill sample 5-10% carb strngers at 5-25 deg TCA		
BG11-170	130.70	132.20	C13435	1.50	<.03	131 to 131.2m 1% diss py		
BG11-170	132.20	133.70	C13436	1.50	<.03	<5% carb vn'ing; <1% py in one discont carb vn		
BG11-170	133.70	135.26	C13437	1.56	<.03	infill sample 5-10% carb strngers		
BG11-170	135.26	136.40	C13438	1.14	0.274	135.38m two pinch-swell py carb vn's up to 0.5 cm wide at 45 deg TCA		
BG11-170	136.40	137.90	C13439	1.50	<.03	infill sample		
BG11-170	137.90	139.40	C13440	1.50	<.03	137.9m and at 138.7m 15 deg T CA chl-gouge slips		
BG11-170	139.40	140.00	C13441	0.60	<.03	infill sample		
BG11-170	140.00	141.30	C13442	1.30	<.03	5% carb vn'ing; chl on slips; perv chl alt'n; tr py		
BG11-170	141.30	142.20	C13443	0.90	<.03	141.7m 4 m wide flt gouge and chl platy slips at 142m at 15 deg TCA		
BG11-170	142.20	143.20	C13444	1.00	<.03	142.2 to 145.7m fault zone with multiple chl slips and fault gouge at 25 and 0 deg TCA; Diorite Bx-BP contact at 142.8m; negl py		
BG11-170	143.20	144.70	C13445	1.50	<.03	as described above		
BG11-170	144.70	146.00	C13446	1.30	<.03	as described above		
BG11-170	146.00	147.50	C13447	1.50	<.03	Infill sampling; BP - negl py; fol'n slips at 15 and 45 deg TCA, perv chl alt'n		
BG11-170	147.50	149.00	C13448	1.50	<.03	Infill sampling; BP - negl py; fol'n slips at 15 and 45 deg TCA, perv chl alt'n		
BG11-170	149.00	150.50	C13449	1.50	<.03	Infill sampling; BP - negl py; fol'n slips at 15 and 45 deg TCA, perv chl alt'n		
BG11-170	150.50	152.00	C13450	1.50	<.03	Infill sampling; BP - negl py; fol'n slips at 15 and 45 deg TCA, perv chl alt'n		
BG11-170	152.00	153.40	C12501	1.40	<.03	Infill sampling; BP - negl py; fol'n slips at 15 and 45 deg TCA, perv chl alt'n EOH at 153.4		
BG11-171	26.50	28.00	C13243	1.50	<.03	blocky, min py, v's		
BG11-171	28.00	29.00	C13244	1.00	<.03	min v's min py		
BG11-171	29.00	30.00	C13246	1.00	0.137	min carb v's 80 deg TCA, min py infilling		
BG11-171	30.00	31.00	C13247	1.00	<.03	low angle carb v's, chl, inc carb in matrix, 1% py		
BG11-171	31.00	32.00	C13248	1.00	<.03	aphanitic, min carb v's, 30-35 deg TCA, min py		
BG11-171	32.00	33.00	C13249	1.00	<.03	min qtz-carb v's 45-50 deg TCA		
BG11-171	33.00	34.00	C13250	1.00	<.03	qtz-carb v 35-50 deg TCA, min py		
BG11-171	34.00	35.00	C13251	1.00	<.03	min leucox, hem, min py infill, cpy in qtz-carb flood at 34.1m, 1%		
BG11-171	35.00	36.00	C13252	1.00	<.03	epidote v's, 1-2mm, wispy, hem, min py		
BG11-171	36.00	37.00	C13253	1.00	<.03	prev		
BG11-171	37.00	38.00	C13254	1.00	<.03	inc hem in frac, min infilling py in epi v's and carb		

Hole_ID	From	To	Sample_#	Length	Au ppm	Description	Au ppm_ck	Au ppm-ck2
BG11-171	38.00	39.00	C13255	1.00	<.03	inc epi v's, chl, hem		
BG11-171	39.00	40.00	C13256	1.00	0.480	min py infills, hem		
BG11-171	40.00	41.00	C13257	1.00	0.411	leucox, py 1-2%		
BG11-171	41.00	42.00	C13258	1.00	0.069	bleached, 41.3-42m, min py		
BG11-171	42.00	43.00	C13259	1.00	0.411	**gouge, 42.0-42.08m, 15 deg TCA, inc py 3-5%**		
BG11-171	43.00	44.00	C13261	1.00	<.03	inc clasts of feldspar, Dior Bx?, inc chl, epidote		
BG11-171	44.00	45.00	C13262	1.00	<.03	py seam, 44.77-44.78m, 5-15% py, bleached 44.75-45m		
BG11-171	45.00	46.00	C13263	1.00	<.03	1-3% py infilling		
BG11-171	46.00	47.00	C13264	1.00	0.343	1-3% py infilling		
BG11-171	47.00	47.75	C13265	0.75	<.03	1% py infilling		
BG11-171	47.75	48.45	C13266	0.70	1.989	**carb flood, 47.78-47.95m, 20-30% py, 20 deg TCA**	1.99	1.99
BG11-171	48.45	49.20	C13267	0.75	0.069	1% py infilling		
BG11-171	49.20	50.00	C13268	0.80	<.03	carb v's 30 deg TCA, min py		
BG11-171	50.00	51.00	C13269	1.00	<.03	1% dissem, min v's		
BG11-171	51.00	52.00	C13271	1.00	<.03	inc hem in frac, 20-30 deg TCA, epidote clots		
BG11-171	52.00	53.00	C13272	1.00	<.03	gouge, 52.57-52.8m, 20 deg TCA, chl, hem		
BG11-171	53.00	54.00	C13273	1.00	<.03	min py, inc epidote clots		
BG11-171	54.00	55.00	C13274	1.00	<.03	min py, epidote clots		
BG11-171	55.00	56.00	C13275	1.00	<.03	min py, epidote clots, min py		
BG11-171	56.00	57.00	C13276	1.00	0.137	slight inc in py, 1-2% in carb v's, epi clots, hem		
BG11-171	57.00	58.00	C13277	1.00	<.03	min py, epidote clots		
BG11-171	58.00	59.00	C13278	1.00	<.03	min py, epidote clots		
BG11-171	59.00	60.00	C13279	1.00	<.03	min py, epidote clots		
BG11-171	60.00	61.00	C13280	1.00	0.343	slight inc in py, 1-2% in carb v's, epi clots, hem		
BG11-171	61.00	62.00	C13281	1.00	<.03	1-3% py, blocky, hem		
BG11-171	62.00	63.00	C13283	1.00	<.03	py, 1-2% in carb v's, epi clots, hem		
BG11-171	63.00	64.00	C13284	1.00	<.03	epidote clots, 1% py		
BG11-171	64.00	65.00	C13285	1.00	<.03	epidote clots, 1% py		
BG11-171	65.00	66.00	C13286	1.00	<.03	epidote clots, 1% py		
BG11-171	66.00	67.00	C13287	1.00	0.137	2-3% py, low angle carb v's		
BG11-171	67.00	68.00	C13288	1.00	<.03	epidote clots, 1% py		
BG11-171	68.00	69.00	C13289	1.00	<.03	prev		
BG11-171	69.00	70.00	C13290	1.00	0.274	splash of py, dec epidote clots		
BG11-171	70.00	71.00	C13291	1.00	<.03	min py, epidote clots		
BG11-171	71.00	72.00	C13292	1.00	<.03	min py, epidote clots		
BG11-171	72.00	73.50	C13293	1.50	<.03	chl, min carb v's, min py		
BG11-171	73.50	75.00	C13294	1.50	<.03	leucox, min py, min v's		
BG11-171	75.00	76.50	C13296	1.50	<.03	epidote v's , 40-60 deg TCA, min py		
BG11-171	76.50	78.00	C13297	1.50	<.03	prev, hem		
BG11-171	78.00	79.50	C13298	1.50	<.03	prev, inc hem		
BG11-171	79.50	81.00	C13299	1.50	<.03	low angle carb v's 0-10 deg TCA, min py		
BG11-171	81.00	82.50	C13300	1.50	<.03	low angle carb v's 0-10 deg TCA, min py		
BG11-171	82.50	84.00	C13501	1.50	<.03	min py		
BG11-171	84.00	85.50	C13502	1.50	<.03	inc wispy qtz-carb v's, all angles, blocky		
BG11-171	85.50	87.00	C13503	1.50	0.069	prev, min py		
BG11-171	87.00	87.70	C13504	0.70	<.03	prev		
BG11-171	87.70	88.40	C13505	0.70	0.343	**fract, 3-5% py, brecciated area**		
BG11-171	88.40	89.20	C13506	0.80	0.206	min wispy carb v's, min py		
BG11-171	89.20	89.80	C13507	0.60	0.343	1% py, min v's		
BG11-171	**89.80**	**90.40**	**C13508**	**0.60**	**0.960**	**bleached, fract, 3-5% py in carb infilling**		
BG11-171	90.40	91.40	C13509	1.00	<.03	wispy carb v's, all angles		
BG11-171	91.40	92.40	C13510	1.00	0.891	bleached, .2m section, 1-5% py		

Hole_ID	From	To	Sample_#	Length	Au ppm	Description	Au ppm_ck	Au ppm-ck2
BG11-171	92.40	93.40	C13511	1.00	0.754	wispy carb v's, all angles, min py		
BG11-171	93.40	94.00	C13512	0.60	0.343	wispy carb v's, all angles, min py		
BG11-171	94.00	95.00	C13513	1.00	0.891	1-2% py, min v's		
BG11-171	95.00	96.00	C13514	1.00	<.03	Dior-Bx, 95.1-96.3, 1-2% py		
BG11-171	96.00	97.00	C13515	1.00	<.03	carb v's, all angles, 1-2% py		
BG11-171	97.00	98.00	C13516	1.00	0.069	gouge along axis, 97.3-97.3m, 5 deg TCA, min py		
BG11-171	98.00	99.00	C13517	1.00	<.03	low angle carb v's, min py		
BG11-171	99.00	100.00	C13518	1.00	<.03	pristine, min py		
BG11-171	100.00	101.00	C13519	1.00	<.03	pristine, min py		
BG11-171	101.00	102.00	C13521	1.00	0.343	very blocky, min py		
BG11-171	102.00	103.00	C13522	1.00	0.343	prev, EOH 103m		
BG11-172	20.10	21.60	C13523	1.50	<.03	pris Bimodal FP, min py, blocky		
BG11-172	21.60	23.00	C13524	1.40	<.03	prev		
BG11-172	23.00	24.50	C13525	1.50	<.03	prev		
BG11-172	24.50	26.00	C13526	1.50	<.03	contact bi mod fp- dior 25.2m		
BG11-172	26.00	27.00	C13527	1.00	<.03	epidote v's, min py infilling		
BG11-172	27.00	28.40	C13528	1.40	<.03	low angle carb v's 1% infilling py; **STOPE 28.4-31M**		
BG11-172	31.00	32.50	C13529	1.50	<.03	epidote v's, min py infilling		
BG11-172	32.50	33.50	C13530	1.00	<.03	min leucox, min carb v's, py		
BG11-172	33.50	34.50	C13531	1.00	<.03	slightly bleached, hem, leucox, carb flood 33.9-34.1m, min py		
BG11-172	34.50	36.00	C13532	1.50	<.03	leucox, hem, blocky, min py		
BG11-172	36.00	37.50	C13533	1.50	<.03	leucox, hem, blocky, min py		
BG11-172	37.50	39.00	C13534	1.50	<.03	inc epidote v's, py infill, 1-2%, low angle carb v's, hem		
BG11-172	39.00	40.50	C13535	1.50	<.03	epidote v's, py infill, 1-2%, low angle carb v's, hem		
BG11-172	**40.50**	**42.00**	**C13536**	**1.50**	**0.686**	**epidote v's, min py infill low angle carb v's, hem**		
BG11-172	42.00	43.00	C13537	1.00	0.069	dec epi v's, wispy carb v's min py		
BG11-172	43.00	43.70	C13538	0.70	0.480	prev		
BG11-172	**43.70**	**44.20**	**C13539**	**0.50**	**0.617**	**carb v, 43.77-43.9m 40 deg TCA, 30-50% py**		
BG11-172	44.20	45.00	C13541	0.80	<.03	epi v's, wispy carb v's min py		
BG11-172	45.00	46.00	C13542	1.00	<.03	min v's, min py		
BG11-172	46.00	47.00	C13543	1.00	<.03	hem zone, 46.48-46.57m 1-5% py		
BG11-172	47.00	48.00	C13544	1.00	<.03	slightly bleached, hem, min py		
BG11-172	48.00	49.00	C13546	1.00	0.137	mottled, green-black, slightly bleached, min py, carb v's		
BG11-172	49.00	50.00	C13547	1.00	<.03	prev		
BG11-172	50.00	51.00	C13548	1.00	<.03	inc epidote, clots appearing, min py		
BG11-172	51.00	52.00	C13549	1.00	<.03	epidote clots, min py		
BG11-172	52.00	53.00	C13550	1.00	0.343	gouge 52.34-52.5m 0-10 deg TCA, very altered section, 1-2% py, blocky		
BG11-172	53.00	53.60	C13551	0.60	<.03	gouge, 53.3-53.45m, bleached, low angle carb v's, hem, epidote, 1-3% py		
BG11-172	53.60	54.30	C13552	0.70	<.03	bleached, low angle carb v's, hem, epidote, 1-3% py		
BG11-172	54.30	55.10	C13553	0.80	<.03	inc epidote clots, inc py infilling, 1-5%, min carb		
BG11-172	55.10	56.00	C13554	0.90	<.03	py infilling, 1-5%, min carb		
BG11-172	56.00	57.00	C13555	1.00	<.03	epidote clots, inc py infilling, 1-2%, min carb, hem		
BG11-172	57.00	57.70	C13556	0.70	<.03	prev		
BG11-172	57.70	58.40	C13557	0.70	<.03	**carb v, 57.8-57.9m, 20 deg TCA, 5-10% py**		
BG11-172	58.40	59.00	C13558	0.60	<.03	epidote clots, py infilling, 1-3%, min carb, hem		
BG11-172	59.00	59.70	C13559	0.70	<.03	2-5% py infills, low angle carb v's, inc epidote in matrix		
BG11-172	59.70	60.50	C13561	0.80	<.03	1-5% py in carb v's 60.0m, 30-35 deg TCA, epidote		
BG11-172	60.50	61.50	C13562	1.00	<.03	1-2% py, min carb v's, 20-30 deg TCA		
BG11-172	61.50	62.50	C13563	1.00	<.03	dec epidote, 1-2% py		
BG11-172	62.50	63.50	C13564	1.00	<.03	epidote clots, inc py infilling, 1%, min carb, hem		
BG11-172	63.50	65.00	C13565	1.50	<.03	epidote, min py		
BG11-172	65.00	66.00	C13566	1.00	<.03	blocky, 1% py		

Hole_ID	From	To	Sample_#	Length	Au ppm	Description	Au ppm_ck	Au ppm-ck2
BG11-172	66.00	67.00	C13567	1.00	<.03	blocky, 1% py, hem		
BG11-172	67.00	68.00	C13568	1.00	<.03	blocky, 1% py, hem		
BG11-172	68.00	69.00	C13569	1.00	<.03	1-3% py, blocky, low angle carb v's		
BG11-172	69.00	70.00	C13571	1.00	0.686	fract, very altered, 1-2% py		
BG11-172	70.00	71.00	C13572	1.00	<.03	epidote clots, inc py infilling, 2-3%, min carb, hem		
BG11-172	71.00	72.00	C13573	1.00	<.03	dec epidote, at 71.1m, min py		
BG11-172	72.00	72.50	C13574	0.50	<.03	inc py in carb v's, 1-5%, 20-30 deg TCA		
BG11-172	72.50	73.50	C13575	1.00	<.03	epidote clots, py infilling, 1-2%, min carb		
BG11-172	73.50	74.50	C13576	1.00	<.03	epidote, min py		
BG11-172	74.50	75.50	C13577	1.00	<.03	epidote, min py		
BG11-172	75.50	76.50	C13578	1.00	<.03	mafic dyke 75.85-76.06m, irregular contact, min py		
BG11-172	76.50	77.50	C13579	1.00	<.03	epidote, min py		
BG11-172	77.50	78.50	C13580	1.00	<.03	prev		
BG11-172	78.50	79.20	C13581	0.70	<.03	epidote, min py		
BG11-172	79.20	80.00	C13582	0.80	<.03	1cm qtz-carb v, 79.21-79.3m 10-20 deg TCA, 1-2% py		
BG11-172	80.00	80.60	C13583	0.60	<.03	2 seam py, 80.27-80.29m; 80.3-80.32m		
BG11-172	80.60	81.20	C13584	0.60	<.03	bleached, gouge, 81-81.2m, blocky, 1-5% py		
BG11-172	81.20	82.00	C13585	0.80	<.03	**gouge 81.5-81.6, 0-10 deg TCA; blocky, broken, 10-15% py in bits 2-3cm**		
BG11-172	82.00	83.00	C13586	1.00	<.03	epidote, min py		
BG11-172	83.00	84.00	C13587	1.00	<.03	blocky, low angle carb v's, chl, min epidote, infilling py 1%		
BG11-172	84.00	85.00	C13588	1.00	<.03	low angle carb v's, chl, min epidote, min py		
BG11-172	85.00	86.00	C13589	1.00	<.03	inc epidote, low angle carb, 1% py infilling		
BG11-172	86.00	87.00	C13590	1.00	0.206	prev		
BG11-172	87.00	88.00	C13591	1.00	<.03	competant, prev		
BG11-172	88.00	89.00	C13592	1.00	<.03	1-2%py, prev		
BG11-172	89.00	90.00	C13593	1.00	<.03	prev, min hem		
BG11-172	90.00	91.00	C13594	1.00	<.03	leucox start 91.5m, 1-2%		
BG11-172	91.00	92.00	C13596	1.00	<.03	inc leucox, 1-2% py		
BG11-172	92.00	93.00	C13597	1.00	<.03	prev, qtz-carb v, 92.2-92.3m, 20 deg TCA, bull		
BG11-172	93.00	94.00	C13598	1.00	<.03	1% dissem fn py		
BG11-172	94.00	95.00	C13600	1.00	<.03	min epidote v's, min carb, min py, hem		
BG11-172	95.00	96.00	C13601	1.00	<.03	blocky, min hem, py		
BG11-172	96.00	97.00	C13602	1.00	<.03	epidote-chl v, .5cm; 96.54-96.6m 30 deg TCA, 5-10% py		
BG11-172	97.00	98.00	C13603	1.00	<.03	hem, feldspar, blocky		
BG11-172	98.00	99.00	C13604	1.00	<.03	prev, hem		
BG11-172	99.00	100.00	C13605	1.00	<.03	hem, blocky		
BG11-172	100.00	101.00	C13606	1.00	<.03	hem, blocky, min py		
BG11-172	101.00	102.00	C13607	1.00	<.03	hem, blocky, min py		
BG11-172	102.00	102.50	C13608	0.50	<.03	blocky, dec epidote		
BG11-172	102.50	103.20	C13609	0.70	0.411	bleached, 1-3% py in min seams		
BG11-172	103.20	104.00	C13610	0.80	0.274	min carb v's, 40 deg TCA, 1% py in epidote clots		
BG11-172	104.00	105.00	C13611	1.00	<.03	1-2% py, infills and clots, bleached		
BG11-172	105.00	106.00	C13612	1.00	<.03	prev		
BG11-172	106.00	107.00	C13613	1.00	0.137	min py in carb v's		
BG11-172	107.00	108.00	C13614	1.00	<.03	prev		
BG11-172	108.00	109.00	C13615	1.00	0.206	prev		
BG11-172	109.00	110.00	C13616	1.00	<.03	inc carb v's, high angle, min py		
BG11-172	110.00	111.00	C13617	1.00	0.754	bleached, 110.1-111m, altered, 1-3% py, cse		
BG11-172	111.00	111.70	C13618	0.70	1.234	bleached, micro frac, 1-3% py	1.23	1.23
BG11-172	111.70	112.30	C13619	0.60	0.343	altered, 1-3% py, cse, carb v's 20 deg TCA		
BG11-172	**112.30**	**113.00**	**C13621**	**0.70**	**0.960**	**altered, 1% py**		
BG11-172	**113.00**	**114.00**	**C13622**	**1.00**	**0.549**	**contact mafic dyke 113.7m 75 deg TCA, blocky, min carb v's all angles**		

Hole_ID	From	To	Sample_#	Length	Au ppm	Description	Au ppm_ck	Au ppm-ck2
BG11-172	114.00	114.80	C13623	0.80	<.03	dyke, aphanitic, min carb v's, 20-30 deg TCA		
BG11-172	114.80	115.50	C13624	0.70	0.274	contact dyke-diorite, 115.2m 70 deg TCA, bleached, 1-5% py blotchy splashes 3-5mm		
BG11-172	115.50	116.00	C13625	0.50	0.137	**bleached, 3-5% py cse and fn dissem**		
BG11-172	116.00	117.00	C13626	1.00	0.069	bleached, blocky, 2-5% py		
BG11-172	117.00	118.00	C13627	1.00	<0.03	blocky, 1-5% py		
BG11-172	**118.00**	**119.00**	**C13628**	**1.00**	**9.874**	**carb v, broken, bleached zone,118.6-118.7m 10-20% py**	**8.16**	**11.59**
BG11-172	119.00	119.60	C13630	0.60	0.480	**broken bleached area, 10-20% py within .15m of sample**		
BG11-172	119.60	120.50	C13631	0.90	<.03	blocky, 1-2% py		
BG11-172	120.50	121.50	C13632	1.00	<.03	1-2% dissem, and splashes of cse py		
BG11-172	121.50	122.50	C13633	1.00	<.03	prev		
BG11-172	122.50	123.50	C13634	1.00	<.03	prev, min py, low angle carb v's		
BG11-172	123.50	125.00	C13635	1.50	<.03	contact to mafic dyke at 123.08m; magnetic to 125m, EOH		
BG11-173	19.85	21.40	C13711	1.55	<.03	bi fp, pris		
BG11-173	21.40	23.00	C13712	1.60	<.03	prev, carb v's, 20-30 deg TCA		
BG11-173	23.00	24.00	C13713	1.00	<.03	qtz-carb-ank flood, 23-23.4m, bull		
BG11-173	24.00	25.00	C13714	1.00	<.03	bi fp, pris		
BG11-173	25.00	26.50	C13715	1.50	<.03	contact bi fp-dior, leucox, 26m		
BG11-173	26.50	27.50	C13716	1.00	<.03	leucox, min py in epidote v's		
BG11-173	27.50	29.00	C13717	1.50	<.03	leucox, min py in epidote v's		
BG11-173	29.00	29.90	C13718	0.90	<.03	gouge, 29.7-29.8m 15-20 deg TCA, stope at end, EOH		
BG11-174	4.90	6.40	C13834	1.50	<.03	weathered diorite, hem, blocky		
BG11-174	6.40	7.90	C13836	1.50	<.03	hem, min py		
BG11-174	7.90	9.40	C13837	1.50	<.03	wispy, qtz-dol, min py		
BG11-174	9.40	10.90	C13838	1.50	<.03	prev		
BG11-174	10.90	12.40	C13839	1.50	<.03	low angle carb v's, min py		
BG11-174	12.40	13.00	C13840	0.60	<.03	low angle carb v's, min py		
BG11-174	13.00	14.00	C13841	1.00	3.257	brecia at 13m contact, 20 deg TCA, gouge 13.5-14m, 0 deg TCA, hem	3.84	2.67
BG11-174	14.00	15.00	C13842	1.00	3.154	cont breccia-dior 14.4m, pink carb, fract	3.02	3.29
BG11-174	15.00	16.00	C13843	1.00	1.097	min cpy in frac,<<<1%	1.23	0.96
BG11-174	**16.00**	**17.00**	**C13844**	**1.00**	**6.720**	**low angle carb v's, min py**	**5.97**	**7.47**
BG11-174	17.00	17.50	C13846	0.50	2.571	blocky, min py, v's	2.67	2.47
BG11-174	17.50	18.00	C13847	0.50	<.03	1-3% py in carb v's, 1-4mm; 20-25 deg TCA		
BG11-174	18.00	19.00	C13848	1.00	0.343	blocky, frac, spec hem, min py		
BG11-174	19.00	20.00	C13849	1.00	0.137	blocky, frac, spec hem, min py		
BG11-174	20.00	21.00	C13850	1.00	<.03	blocky, frac, spec hem, min py		
BG11-174	21.00	22.00	C13851	1.00	<.03	blocky, min carb v's, frac, spec hem, min py		
BG11-174	22.00	23.00	C13852	1.00	0.069	prev		
BG11-174	23.00	24.50	C13853	1.50	<.03	aphanitic-basalt like, min v's, chl		
BG11-174	24.50	26.00	C13854	1.50	<.03	prev		
BG11-174	26.00	27.50	C13855	1.50	<.03	prev		
BG11-174	27.50	29.00	C13856	1.50	1.543	blocky, min pink carb v's, frac, spec hem, min py	1.37	1.71
BG11-174	29.00	30.00	C13858	1.00	1.989	aphanitic-basalt like, min v's, chl	1.92	2.06
BG11-174	30.00	31.00	C13859	1.00	0.343	prev		
BG11-174	31.00	32.00	C13860	1.00	1.063	min cpy in frac, spec hem	1.10	1.03
BG11-174	32.00	33.50	C13861	1.50	<.03	min carb v's, min py		
BG11-174	33.50	35.00	C13862	1.50	<.03	prev		
BG11-174	35.00	36.00	C13863	1.00	1.371	cal v, 35.4-36m, 0-5 deg TCA, min py, bleached	1.51	1.23
BG11-174	36.00	37.50	C13864	1.50	0.206	blocky, min carb v's, min py		
BG11-174	37.50	38.50	C13865	1.00	<.03	contact to FP, 38.05m 25 deg TCA		
BG11-174	38.50	39.50	C13866	1.00	<.03	contact to dior, 38.65m, broken		
BG11-174	39.50	40.00	C13867	0.50	0.137	min py		

Hole_ID	From	To	Sample_#	Length	Au ppm	Description	Au ppm_ck	Au ppm-ck2
BG11-174	**40.00**	**41.00**	**C13868**	**1.00**	**447.329**	**bleached, fn py in qtz-carb v's@ 35-40 deg TCA,1-3% py, 1% cpy, 40-40.2m, visible gold in a 1.2cm wide qtz vn at 40 deg TCA**	**427.27**	**467.39**
BG11-174	41.00	42.00	C13869	1.00	0.480	bleached, micro frac, min py in qtz-dol v's@30 deg TCA		
BG11-174	**42.00**	**43.00**	**C13871**	**1.00**	**0.617**	**micro frac, hem, slip 42.93m, 40 deg TCA**		
BG11-174	43.00	44.00	C13872	1.00	<.03	very altered, micro frac, low angle qtz-dol wormy v's		
BG11-174	44.00	45.00	C13873	1.00	<.03	blocky, spec hem		
BG11-174	45.00	46.00	C13874	1.00	<.03	very altered, micro frac, 2, 1cm carb v's at 45.6m and 45.73m, 80 deg TCA		
BG11-174	46.00	46.50	C13875	0.50	<.03	contact dior-fp, 46.4m, 50 deg TCA		
BG11-174	46.50	47.50	C13876	1.00	<.03	very blocky, min spec hem		
BG11-174	54.00	55.00	C13877	1.00	<.03	contact fp-dior, approx 54.5m, very blocky, spec hem		
BG11-174	55.00	56.00	C13879	1.00	<.03	very blocky, min carb v's, min py		
BG11-174	56.00	57.00	C13880	1.00	<.03	contact dior-fp, 56.8m, blocky		
BG11-174	57.00	58.00	C13881	1.00	<.03	blocky, FP		
BG11-174	58.00	59.00	C13883	1.00	<.03	contact, FP- dior, 58.1		
BG11-174	59.00	60.50	C13884	1.50	<.03	spec hem, min carb v's		
BG11-174	60.50	62.00	C13885	1.50	<.03	cont, dior-fp, 61.6m, 50 deg TCA		
BG11-174	62.00	63.50	C13886	1.50	<.03	cont, FP-dior, 62.6m		
BG11-174	63.50	65.00	C13887	1.50	<.03			
BG11-174	65.00	66.50	C13888	1.50	<.03	min wormy, qtz-dol v's, min py		
BG11-174	66.50	68.00	C13889	1.50	<.03	inc wormy, qtz-dol v's, min py		
BG11-174	68.00	69.00	C13890	1.00	0.069	inc alteration, low angle qtz-dol v's, frac, min py, spec hem		
BG11-174	69.00	70.00	C13891	1.00	0.137	low angle qtz-dol v's, frac, min py, spec hem		
BG11-174	70.00	71.00	C13892	1.00	<.03	min wormy, qtz-dol v's, min py		
BG11-174	**71.00**	**72.00**	**C13893**	**1.00**	**0.549**	**min wormy, qtz-dol v's, min py**		
BG11-174	72.00	73.00	C13894	1.00	<.03	prev		
BG11-174	73.00	74.00	C13896	1.00	<.03	spec hem, dec v's		
BG11-174	74.00	75.00	C13897	1.00	<.03	prev		
BG11-174	75.00	76.00	C13898	1.00	<.03	min euhedral py cubes		
BG11-174	76.00	77.00	C13899	1.00	<.03	1% fn py in fract, 1-2mm		
BG11-174	77.00	78.00	C13900	1.00	0.137	1-2% fn py in fract, 1-2mm		
BG11-174	78.00	79.00	C13901	1.00	<.03	inc wormy, qtz-dol v's, min py		
BG11-174	79.00	80.00	C13902	1.00	<.03	prev,spec hem; EOH 80m		
BG11-175	4.40	5.30	C12549	0.90	<.03	outlier sample; negl py		
BG11-175	5.30	6.30	C12550	1.00	<.03	1% fg py in weak brittle hairline frac's at 30-35 deg TCA and 55 deg TCA		
BG11-175	6.30	7.30	C12551	1.00	<.03	1% fg py in 15 deg TCA brittle hairline frac's; 20% early qtz-dol vn'ing		
BG11-175	7.30	8.30	C12552	1.00	<.03	1% fg py in 30 deg TCA brittle hairline frac's; 20% early qtz-dol vn'ing		
BG11-175	8.30	9.30	C12554	1.00	<.03	8.5 to 11.85m shear ductile to brittle at 15 to 30 deg TCA with slips at 10 deg TCA, strong sil-dol alt'n; <1% py in frac's		
BG11-175	9.30	10.30	C12555	1.00	<.03	as described above		
BG11-175	10.30	11.30	C12557	1.00	0.137	as described above		
BG11-175	11.30	12.20	C12558	0.90	<.03	as described above; at 11.85m QFP-Diorite Bx contact; one chl+carb vn 2mm wide with py at 30 deg TCA		
BG11-175	12.20	13.00	C12559	0.80	<.03	one imm wide frac with chl + py		
BG11-175	13.00	14.10	C12560	1.10	<.03	10-20% qtz-dol-carb vn'ing; negl py		
BG11-175	14.10	15.60	C12561	1.50	<.03	infill sample; slip at 15.45m with qtz-dol-carb healing atb 50 deg TCA		
BG11-175	15.60	16.80	C12562	1.20	<.03	infill sample		
BG11-175	16.80	17.50	C12563	0.70	<.03	17.23m 0.7cm wide purple qtz vn at 40 deg TCA with 5-8% spec hem		
BG11-175	17.50	18.90	C12564	1.40	<.03	outlier sample		
BG11-175	18.90	20.10	C12565	1.20	0.137	two<1mm wide py frac's at 5 and 20 deg TCA with chl+carb		
BG11-175	20.10	21.00	C12566	0.90	<.03	one 2mm wide py frac with chl+carb at 35 deg TCA		
BG11-175	21.00	21.90	C21551	0.90	<.03			
BG11-175	21.90	23.00	C21552	1.10	<.03			

Hole_ID	From	To	Sample_#	Length	Au ppm	Description	Au ppm_ck	Au ppm-ck2
BG11-175	23.00	24.30	C21553	1.30	<.03			
BG11-175	24.30	25.60	C21554	1.30	<.03	0.1m bl'd+10% spec		
BG11-175	25.60	26.20	C12567	0.60	<.03	slip-fault at 25.8 to 25,9m with hem band 0.5cm wide at 20 deg TCA		
BG11-175	26.20	27.10	C12568	0.90	0.137	carb - chl alt'n in 15 deg hairline frac's; negl py		
BG11-175	27.10	28.40	C21555	1.30	<.03			
BG11-175	28.40	28.85	C12569	0.45	0.274	28.5- 28.7m chl gouge in flt at 20 deg TCA		
BG11-175	28.85	29.70	C21556	0.85	0.069			
BG11-175	29.70	30.70	C21557	1.00	<.03			
BG11-175	30.70	31.80	C21558	1.10	0.206			
BG11-175	**31.80**	**32.60**	**C21559**	**0.80**	**0.686**			
BG11-175	**32.60**	**33.20**	**C12570**	**0.60**	**0.960**	**32.7 to 33m a calcite-carb vn at 30 deg TCA with ser alt'n**		
BG11-175	**33.20**	**33.75**	C21560	0.55	<.03			
BG11-175	33.75	**34.50**	C21561	0.75	<.03	1/2"pa gy QV imm prec by 1/4"30%cse py vn@50; 1/4"pa gy qv@35 offset by 1/4" chl@120		
BG11-175	34.50	**35.00**	C21562	0.50	0.137	1/4" 20%py @20		
BG11-175	35.00	35.70	C12571	0.70	0.137	35.2m 0.3cm wide 75 deg TCA carb-chl vn along weak slip		
BG11-175	35.70	36.70	C21563	1.00	<.03			
BG11-175	36.70	37.60	C21564	0.90	<.03			
BG11-175	37.60	38.90	C21565	1.30	<.03			
BG11-175	38.90	40.60	C21566	1.70	0.137			
BG11-175	40.60	41.10	C12572	0.50	<.03	1% fg py in weak brittle frac's <1mm wide; 15-20% pink-white carb vn'lets		
BG11-175	41.10	41.60	C12573	0.50	<.03	41.25m fault with 2cm wide carb+chl vn at 45 deg TCA; one 1mm wide at 20 deg TCA with py at 41.4m		
BG11-175	41.60	42.80	C12574	1.20	<.03	41.9 to 42.8m early strong pink-white calcite-carb vn'ing in 1 to 3mm wide stress frac's		
BG11-175	42.80	44.00	C21567	1.20	<.03			
BG11-175	44.00	45.20	C21568	1.20	<.03			
BG11-175	45.20	46.40	C21569	1.20	<.03			
BG11-175	46.40	47.50	C12575	1.10	<.03	FP-diorite bx contact at 46.8m		
BG11-175	47.50	48.70	C21570	1.20	<.03			
BG11-175	48.70	50.00	C21571	1.30	<.03			
BG11-175	50.00	50.80	C21572	0.80	<.03			
BG11-175	50.80	51.80	C21573	1.00	<.03			
BG11-175	51.80	52.50	C12577	0.70	<.03	FP dyke in Diorite Bx; negl py		
BG11-175	52.50	53.15	C21574	0.65	<.03	0.15m @53.0-53.15 w 5% cse d py		
BG11-175	53.15	54.10	C21575	0.95	<.03			
BG11-175	54.10	55.20	C21576	1.10	<.03			
BG11-175	55.20	56.00	C12578	0.80	0.206	fault at 55.55m with 1cm pink-white calcite-carb vn at 30 deg TCA; 10 cm ser alt'n halo with brittle chl frac's with 1% py		
BG11-175	56.00	57.00	C21577	1.00	0.137	1/16" flt w ser'n @40		
BG11-175	57.00	57.80	C21578	0.80	<.03			
BG11-175	57.80	59.00	C21579	1.20	<.03			
BG11-175	59.00	59.50	C12580	0.50	<.03	one to two slips with py + calcite in 5 to 25 deg TCA; overall <1% py		
BG11-175	59.50	60.50	C12581	1.00	<.03	multi slip faults healed with pink-white carb vn'ing; tr py		
BG11-175	60.50	61.60	C21580	1.10	<.03			
BG11-175	61.60	62.70	C21581	1.10	<.03			
BG11-175	62.70	63.60	C12582	0.90	<.03	multi slip faults with white carb+chl vn'ing at 0 to 15 deg TCA; tr py at		
BG11-175	65.00	65.80	C12583	0.80	<.03	outlier sample; negl py		
BG11-175	65.80	66.30	C12584	0.50	0.480	65.8m slip-fault at 20 deg TCA with 0.5cm wide pink calcite with 5-8% diss py between 65.8 to 66.15m in irregular white carb+chl vn'ing		
BG11-175	66.30	67.00	C12585	0.70	<.03	negl py and <1% spec hem along slips		
BG11-175	67.00	68.00	C12586	1.00	<.03	multi slip faults with white carb+chl vn'ing at 5 and 10 deg TCA; tr py		
BG11-175	68.00	69.20	C12587	1.20	<.03	68.55 to 69.2m calcite vn'ing adjacent to slips at 20 and 0-10 deg TCA; tr py and <1% spec hem		
BG11-175	69.20	69.80	C12588	0.60	0.206	infill sample		
BG11-175	69.80	70.70	C12589	0.90	<.03	multi-slip-faults at 15 and 5 deg TCA with carb +chl; tr py		

Hole_ID	From	To	Sample_#	Length	Au ppm	Description	Au ppm_ck	Au ppm-ck2
BG11-175	70.70	71.60	C12590	0.90	<.03	slip fault at 0-5 deg TCA with white carb+chl+fg py <1%		
BG11-175	76.90	78.00	C12591	1.10	<.03	network irregular frac'ing with calcite+spec hem 1%		
BG11-175	78.00	79.00	C12592	1.00	<.03	78.35m slip-fault at 35 deg TCA with two 0.25cm wide qtz-dol vns with spec hem+tr py		
BG11-175	79.00	80.00	C12593	1.00	<.03	one hairline frac with py at 90 deg TCA		
BG11-175	**80.00**	**81.10**	**C12594**	**1.10**	**0.891**	**15-20% qtz-dol porcelain coloured vn'let and late qtz -dol at 80.1 and 65-75 deg TCA in slip-fault**		
BG11-175	81.10	82.00	C12595	0.90	0.480	15-20% qtz-dol vn'ing up to 4mm wide at 55 to 75 deg TCA		
BG11-175	82.00	83.00	C12596	1.00	0.343	irregular discontinuous frac'ing with qtz + 3-5% py+1-3% spec hem		
BG11-175	83.00	84.50	C12597	1.50	<.03	10-15% qtz-dol vn'ing up to 4mm wide at 55 to 75 deg TCA		
BG11-175	84.50	85.50	C12598	1.00	<.03	Diorite Bx - FP contact at 84.65m at 15 deg TCA; 10-15% qtz-dol vn'lets at 40-55 deg TCA; 3-5% spec hem+ tr py		
BG11-175	85.50	86.50	C12599	1.00	<.03	FP-Diorite BX contact at 86.35m at 15 deg TCA; 10-15% qtz-dol vn'lets at 40-55 deg TCA; 3-5% spec hem+ tr py		
BG11-175	86.50	88.00	C12600	1.50	<.03	tr py		
BG11-175	88.00	89.50	C12601	1.50	<.03	88.3 to 88.5m at 0 and 65 deg TCA slips with adjacent qtz-dol vn'ing		
BG11-175	89.50	91.00	C12603	1.50	<.03	one 1mm wide qtz vn with py at 70 deg TCA		
BG11-175	91.00	92.00	C12604	1.00	<.03	10-15% qtz-dol vn'ing at 25 and 80-90 deg TCA; tr py		
BG11-176	4.20	5.45	C21582		<.03			
BG11-176	5.45	6.80	C12761	1.35	<.03	wy sil'd w 2% chl-py fract's@45		
BG11-176	6.80	8.00	C21583		<.03			
BG11-176	8.00	9.70	C21584		<.03			
BG11-176	9.70	11.40	C21585		<.03			
BG11-176	11.40	12.35	C12762	0.95	0.069	1/8"q-ank vn w 5% cse d py@30		
BG11-176	12.35	13.45	C21586		<.03			
BG11-176	13.45	14.60	C21587		<.03			
BG11-176	14.60	15.50	C12763	0.90	<.03	20% q-ank@30; locy ser'd w 1-2% cse d py		
BG11-176	15.50	16.80	C21596		<.03			
BG11-176	16.80	18.15	C12764	1.35	0.069	10% 1/4" wt qv@5		
BG11-176	**18.15**	**19.00**	**C12765**	**0.85**	**0.686**	**0.15m wt qv @50 w 1/2" same@5 brought in by 1/4" 10% cse d py in chl**		
BG11-176	19.00	19.90	C12767	0.90	0.411	10% 1/4" wt qv@5		
BG11-176	19.90	21.50	C21588	1.60	<.03			
BG11-176	21.50	23.00	C21589	1.50	<.03			
BG11-176	23.00	24.50	C21590	1.50	<.03			
BG11-176	24.50	26.15	C21591	1.65	<.03			
BG11-176	26.15	27.30	C12768	1.15	<.03	1/4" 15% cse py vn in chl@20		
BG11-176	27.30	27.80	C21592	0.50	<.03	1/8" 10% cse py vn @10		
BG11-176	27.80	28.20	C21593	0.40	<.03			
BG11-176	28.20	29.00	C12769	0.80	<.03	1/4"q-ank-chl vn w 5% cse d py@5		
BG11-176	29.00	30.20	C21594	1.20	<.03	1/8" 20% cse py vn @20		
BG11-176	30.20	31.40	C21595	1.20	<.03			
BG11-176	31.40	32.80	C21597	1.40	<.03			
BG11-176	32.80	34.20	C21598	1.40	<.03	1/4" q-ank w 10% cse d py in BC @25		
BG11-176	34.20	35.00	C21599	0.80	<.03			
BG11-176	35.00	36.50	C21600	1.50	<.03			
BG11-176	36.50	37.10	C21960	0.60	0.274			
BG11-176	37.10	38.00	C12770	0.90	<.03	1/4" q-ank vn w blebs of 50% cse py@40		
BG11-176	38.00	39.10	C21961	1.10	0.343			
BG11-176	39.10	40.25	C21951	1.15	<.03			
BG11-176	40.25	41.60	C12771	1.35	<.03	1/8"q-ank vn w 5% cse d py@20; wy sil'd		
BG11-176	41.60	43.20	C21952	1.60	<.03			
BG11-176	43.20	45.00	C21953	1.80	<.03			
BG11-176	45.00	46.10	C12772	1.10	0.274	wy sil'd w 2% chl-py fract's@35		
BG11-176	46.10	46.80	C12773	0.70	0.206	slip imm foll by 0.1m chl fract's+3% cse d py		

Hole_ID	From	To	Sample_#	Length	Au ppm	Description	Au ppm_ck	Au ppm-ck2
BG11-176	46.80	48.30	C12774	1.50	0.206	1/4" chl fract@30 w pk carb+5% cse d py		
BG11-176	48.30	49.70	C12775	1.40	0.069	ct		
BG11-176	49.70	50.60	C12776	0.90	<.03	1% cse d py		
BG11-176	50.60	51.80	C21954	1.20	<.03			
BG11-176	51.80	53.00	C21955	1.20	<.03			
BG11-176	53.00	54.50	C21956	1.50	<.03			
BG11-176	54.50	56.00	C21957	1.50	0.137			
BG11-176	56.00	56.50	C21958	0.50	<.03			
BG11-176	56.50	57.70	C12777	1.20	<.03	wy bl'd; 2% cse d py locy conc		
BG11-176	57.70	59.00	C12778	1.30	<.03	hem'd locy; 0.2m w 30% q-carb+spec @25		
BG11-176	59.00	60.50	C12779	1.50	<.03	bl'd+spec@20		
BG11-176	60.50	61.50	C21959	1.00	0.274			
BG11-176	**61.50**	**62.50**	**C21962**	**1.00**	**0.549**			
BG11-176	62.50	63.40	C12780	0.90	<.03	15% q-ank bx		
BG11-176	63.40	64.60	C12781	1.20	<.03	hily bl'd		
BG11-176	64.60	65.70	C12782	1.10	<.03	5% spec; dk pur		
BG11-176	65.70	66.90	C21963	1.20	0.343			
BG11-176	66.90	68.00	C21964	1.10	<.03			
BG11-176	68.00	69.00	C12783	1.00	<.03	v hily bl'd@25 w ser+spec		
BG11-176	69.00	70.40	C21965	1.40	<.03			
BG11-176	70.40	71.80	C21966	1.40	<.03			
BG11-176	71.80	72.80	C12784	1.00	<.03	0.2m hily bl'd w 20% q-ank		
BG11-176	72.80	74.00	C12786	1.20	<.03			
BG11-176	74.00	74.90	C12787	0.90	<.03	1"q-ank@75		
BG11-176	74.90	75.70	C12788	0.80	<.03			
BG11-176	75.70	77.10	C12789	1.40	<.03			
BG11-176	77.10	78.20	C12790	1.10	<.03	0.1m 70% q-ank vuggy in ser'd hily bl'd@75		
BG11-176	78.20	79.10	C21967	0.90	<.03			
BG11-176	79.10	80.00	C21968	0.90	<.03			
BG11-176	80.00	81.50	C21969	1.50	<.03			
BG11-176	81.50	83.00	C21970	1.50	<.03			
BG11-176	83.00	83.90	C21971	0.90	<.03			
BG11-176	83.90	84.70	C21972	0.80	<.03			
BG11-176	84.70	86.00	C12792	1.30	<.03			
BG11-176	86.00	87.40	C12793	1.40	<.03			
BG11-176	87.40	88.10	C12794	0.70	<.03	2* 1/4" q-ank vn's w 5% cse d py@25 in wy bl'd		
BG11-176	88.10	89.20	C12795	1.10	0.069	0.2m mody bl'd+ser'd w 10% cse d py@5-20		
BG11-176	89.20	89.90	C12796	0.70	0.137	0.1m wy sil'd w 10% cse d py @10 imm prec by 1/4"q-ank fract @70		
BG11-176	89.90	90.60	C12798	0.70	<.03			
BG11-176	90.60	91.30	C12799	0.70	<.03	1/2" sil vn w 4% cse d py@20		
BG11-176	91.30	92.60	C12800	1.30	<.03			
BG11-176	92.60	93.50	C12801	0.90	<.03			
BG11-176	93.50	94.95	C12802	1.45	<.03	1/2" q-carb vn vuggy w 5% cse d py@20		
BG11-176	94.95	96.00	C12803	1.05	<.03			
BG11-176	96.00	96.90	C12804	0.90	<.03			
BG11-176	96.90	98.00	C12805	1.10	0.411	3/4" 20% cse py vn in chl@20		
BG11-176	98.00	99.10	C12806	1.10	<.03	1/8" 10% cse py vn@20 assd w sil vn		
BG11-176	99.10	100.00	C12807	0.90	<.03	por w 15% q-ank@70 incr'd hem'd downhole		
BG11-176	100.00	100.90	C12808	0.90	0.480	0.2m 8% cse d py in mody bl'd@35		
BG11-176	100.90	102.20	C12809	1.30	<.03	5% cse d py		
BG11-176	102.20	103.00	C12811	0.80	0.206			
BG11-176	106.15	107.60	C12812	1.45	<.03	5% q-ank@80; 1" med gy q frag w no py		

Hole_ID	From	To	Sample_#	Length	Au ppm	Description	Au ppm_ck	Au ppm-ck2
BG11-176	109.40	110.85	C12813	1.45	<.03	10% q-ank@80; 2*1/8" 40% cse py vn's@20+30		
BG11-176	114.80	116.00	C12814	1.20	<.03	5% med gy q str's@10-30 assd w ser-bullish		
BG11-176	116.00	117.20	C12815	1.20	<.03	5% bull med gy q str's@30-no py		
BG11-176	117.20	118.15	C12816	0.95	<.03	2% cse d py		
BG11-176	118.15	119.00	C12817	0.85	<.03			
BG11-176	119.00	119.90	C12818	0.90	0.137	1" 30% cse py vnassd w sil'n@30; ser'd		
BG11-176	119.90	121.10	C12820	1.20	<.03			
BG11-176	121.10	122.00	C12821	0.90	<.03	1% cse d py		
BG11-177	8.00	8.70	C12822	0.70	<.03	slip at 8.1m at 30 deg TCA with carb+chl; early other tight slips sinuous; negl py		
BG11-177	8.70	9.60	C12823	0.90	<.03	slips at 9.2m and at 9.44m at 15 and 30 deg TCA; negl py		
BG11-177	9.60	10.70	C12824	1.10	<.03	10.25m 2mm wide carb-chl vn at 30 deg TCA; negl py		
BG11-177	12.30	13.30	C12825	1.00	<.03	12.55m fault - slip with gouge at 55 deg TCA		
BG11-177	19.40	20.00	C12827	0.60	0.343	19.75m 3mm wide chl vn with 1% fg py at 45 deg TCA		
BG11-177	24.20	25.20	C12828	1.00	0.069	24.33 and 24.44 two slips at 20 and 55 deg TCA with carb abd a2cm wide carb-chl vn at 25.15m at 30 deg TCA; negl py		
BG11-177	28.00	28.60	C12830	0.60	<.03	28.1m 0.5cm wide carb vn at 15 deg TCA		
BG11-177	29.50	30.40	C12831	0.90	<.03	15% late white carb vn'ing and at 30.16m flt at 45 deg TCA with chl; negl py		
BG11-177	30.40	31.50	C12832	1.10	<.03	multiple micro frac's - slips with carb		
BG11-177	31.50	33.00	C12833	1.50	0.069	multiple flt-slips at 31.8, 32.15, 32.4, 32.85m with chl and carb at variable angles TCA		
BG11-177	*33.00*	*34.00*	*C12834*	*1.00*	<.03	33.05 to 33.9m two to three carb vn's with 1-5% euhedral py on vn slips, badly broken core ; RQD=50%		
BG11-177	34.00	35.10	C12835	1.10	<.03	outlier sample; negl py		
BG11-177	35.10	36.10	C12836	1.00	<.03	one 0.25 cm wide pink calcite-carb vn'ing with spec hem		
BG11-177	37.30	37.80	C12837	0.50	<.03	syenite-diorite breccia contact with chl slips having 3-7% py at 37.6m in diorite breccia		
BG11-177	37.80	38.80	C12838	1.00	<.03	strong frac'd zone with ser+chl; tr py; badly broken core from 38.38 to 38.75m		
BG11-177	38.80	39.70	C12839	0.90	<.03	negl py		
BG11-177	41.60	42.40	C12840	0.80	<.03	contact diorite bx-QFP at 41.65m, strong carb vn'ing with 3-5% hem at 41.65 to 41.75m; a 42.23m contact QFP diorite bx		
BG11-177	42.40	43.40	C12841	1.00	<.03	1-3% fg spec hem on slips		
BG11-177	44.90	46.00	C12842	1.10	<.03	diorite Bx - QFP contact at 44.9m		
BG11-177	50.90	51.70	C12843	0.80	<.03	2.5cm wide carb vn at 30 deg TCA along slip; negl py		
BG11-177	56.00	57.00	C12844	1.00	0.069	outlier sample; negl py		
BG11-177	57.00	57.70	C12846	0.70	<.03	57.4 to 57.65m 2-7% diss py along slips in badly broken ground possible narrow FP dyke in section		
BG11-177	57.70	58.60	C12847	0.90	<.03	<1% py in slips, badly broken ground		
BG11-177	58.60	59.60	C12848	1.00	0.069	58.65 to 58.75m 5cm wide porcelain white carb vn with 30-75% py at 45 to 55 deg TCA, thin micro frac's at 45-50 deg TCA		
BG11-177	59.60	60.20	C12850	0.60	<.03	5-10% diss py overall with py in <0.25cm wide carb vn's with up to 70% py; badly broken ground, chl in frac's + perv sil alt'n; Diorite-FP contact at 61.1m		
BG11-177	60.20	61.20	C12851	1.00	<.03	negl py		
BG11-177	68.90	70.00	C12852	1.10	<.03	FP with qtz-dol vn at 68.94m; negl py		
BG11-177	70.00	71.00	C12853	1.00	<.03	FP-Diorite contact badly broken ground; no visible mineralization		
BG11-177	71.00	71.90	C12854	0.90	<.03	negl py		
BG11-177	*71.90*	*72.50*	*C12855*	*0.60*	<.03	71.9m to 72.2m FP dyke with mod to strong frac'ing and 5-15% fg py in healed frac's; 72.2 to 72.46m 5-10% py in mod to strong vn-frac's in diorite at 65 to 85 deg TCA		
BG11-177	*72.50*	*73.50*	*C12856*	*1.00*	0.137	badly broken core; at 73m approx 5cm wide section of 10-2-% py in vn's up to 0.5cm wide		
BG11-177	73.50	74.70	C12857	1.20	<.03	outlier sample; <1% py		
BG11-177	74.70	75.30	C12858	0.60	0.206	75.1m fault-slip with carb; negl py		
BG11-177	**76.70**	**77.50**	**C12859**	**0.80**	**0.686**	**76.8 to 77.4m brittle fractured section with 3-7% diss py + sil+chl**		
BG11-177	79.50	80.00	C12860	0.50	<.03	tr py, outlier sample		
BG11-177	*80.00*	*81.10*	*C12861*	*1.10*	0.137	mod to strong brittle fracturing up to contact with1-7% py, 80.3 to 80.4m 0.25cm wide py vn's with 75% py at ~45 deg TCA; 80.8 to 81.15m 0 deg TCA 0.25cm wide calcite vn with spec hem		
BG11-177	*81.10*	*82.10*	*C12862*	*1.00*	0.274	strong brittle network fracturing generally at 40 to 50 deg TCA with 10-15% py; py vn's up to 0.75 cm wide		

Hole_ID	From	To	Sample_#	Length	Au ppm	Description	Au ppm_ck	Au ppm-ck2
BG11-177	82.10	82.60	C12863	0.50	0.411	weak frac'ing with dol+1-2% py		
BG11-177	*82.60*	*83.20*	*C12864*	*0.60*	*1.680*	82.6to 82.7m -12% py in mod frac'ing at 65 to 80 deg TCA; at 83m 1cm wide 90% py vn at >50 deg TCA	1.78	1.58
BG11-177	83.20	84.40	C12866	1.20	<.03	<1% py in frac's		
BG11-177	84.40	85.90	C12868	1.50	<.03	infill sample		
BG11-177	85.90	87.40	C12869	1.50	<.03	infill sample		
BG11-177	*87.40*	*88.00*	*C12870*	*0.60*	0.274	87.6 to 88m strong ductile fault-slips with grey sil vn'ing up to 1.5 cm wide at 25 to 45 deg TCA with 5-15% py		
BG11-177	88.00	89.00	C12871	1.00	<.03	infill sample		
BG11-177	89.00	90.50	C12872	1.50	<.03	3-7% spec hem in frac's with sil-dol		
BG11-177	90.50	92.00	C12873	1.50	<.03	as above		
BG11-177	92.00	93.20	C12874	1.20	<.03	QFP unit 1% py in weak discontinuous frac's		
BG11-177	93.20	94.30	C12875	1.10	<.03	93.45m QFP-Diorite Bx contact; 93.45 to 94.2m 15-25% qtz-dol vn'ing, <1% py; fault slips at 94.2 and 94.35m		
BG11-177	*94.30*	*95.00*	*C12876*	*0.70*	<.03	94.5m 30 deg TCA slip with adjacent qtz-dol and fg py and weak frac'ing ith 1-3% py		
BG11-177	*95.00*	*95.80*	*C12877*	*0.80*	<.03	3-10% py in mod network frac'ing with qtz		
BG11-177	95.80	96.50	C12878	0.70	0.274	1-2% py along slips with qtz-dol		
BG11-177	96.50	97.20	C12879	0.70	0.069	mutli slips with ser+dol+qtz and occasional py; overall 2-5%		
BG11-177	97.20	98.00	C12880	0.80	<.03	outlier sample		
BG11-177	99.90	100.70	C12881	0.80	0.069	<1mm wide crenulated vn with hem and minor py		
BG11-177	101.60	102.40	C12882	0.80	<.03	local frac'ing with 15-30% qtz-dol vn'ing; <1% fg py		
BG11-177	104.00	105.20	C12883	1.20	<.03	2cm qtz dol vn around slip at 104.4m at 55 deg TCA		
BG11-177	105.20	106.00	C12885	0.80	<.03	tr py, infill sample; strong ser-chl alt'n		
BG11-177	106.00	107.00	C12886	1.00	<.03	106.2m cataclasite flt at 45-50 deg TCA; 106.4 to 106.5m Felsic Dyke		
BG11-177	107.00	108.00	C12887	1.00	<.03	tr py		
BG11-177	108.00	109.00	C12888	1.00	<.03	15-25% qtz-dol vn'ing; tr py		
BG11-177	109.00	110.40	C12889	1.40	<.03	tr py		
BG11-177	*110.40*	*111.40*	*C12890*	*1.00*	0.137	3-5% anhedral py in fine discontinuous frac's; strong sil+ser alt'n; strong shear slips		
BG11-177	*111.40*	*112.00*	*C12891*	*0.60*	<.03	3-5% anhedral py in fine discontinuous frac's; strong sil+ser alt'n; strong shear slips		
BG11-177	*112.00*	*113.00*	*C12892*	*1.00*	<.03	3-10% anhedral py in fine slips + strong sil+ser alt'n		
BG11-177	*113.00*	*113.90*	*C12893*	*0.90*	0.137	5-10% py in network frac'ing in QFP		
BG11-177	113.90	114.70	C12895	0.80	0.686	3-7% py in shear slips and frac's; strong sil+ser alt'n; one grey qtz vn up to 0.25cm wide with 10% py at 50 deg TCA		
BG11-177	114.70	116.00	C12896	1.30	<.03	tr py; outlier to alt'n and shear zone		
BG11-177	121.70	122.00	C12897	0.30	<.03	1-3% py on weak slips		
BG11-178	4.60	5.00	C13903	0.40	<.03	0.1m por w 1" bull wt qv@30		
BG11-178	5.00	6.50	C13904	1.50	<.03	0.3m hily bl'd@45		
BG11-178	6.50	7.90	C13905	1.40	<.03			
BG11-178	7.90	9.05	C13906	1.15	<.03	1/2" med gy qv@30 is bull asd w q-ank; 1/8" carb w 6% cse d py@25		
BG11-178	9.05	10.20	C13907	1.15	<.03			
BG11-178	10.20	11.00	C13908	0.80	<.03			
BG11-178	11.00	12.05	C13909	1.05	<.03			
BG11-178	12.05	13.00	C13910	0.95	<.03			
BG11-178	**13.00**	**14.15**	**C13911**	**1.15**	**8.092**	**1" q-ank vn vuggy +ox'd imm prec by 1/4"chl w 20% cse py vn@25 imm foll by 1/2" same**	**8.434**	**7.749**
BG11-178	**14.15**	**15.30**	**C13913**	**1.15**	**0.823**	**1/8" ox'd w 2% cse d py@40**		
BG11-178	15.30	16.90	C13914	1.60	<.03	3% cse d py locy conc; 2% q-ank		
BG11-178	16.90	18.00	C13915	1.10	<.03			
BG11-178	18.00	19.00	C13916	1.00	<.03			
BG11-178	19.00	20.00	C13917	1.00	<.03	20% bx frag's -all por		
BG11-178	20.00	21.60	C13918	1.60	<.03	posy por; hily sil+bl'd@50		
BG11-178	21.60	22.50	C13919	0.90	<.03			
BG11-178	22.50	23.50	C13921	1.00	0.206	posy por; hily sil+bl'd@50 locy; 3% cse d py		
BG11-178	23.50	24.80	C13922	1.30	<.03			

Hole_ID	From	To	Sample_#	Length	Au ppm	Description	Au ppm_ck	Au ppm-ck2
BG11-178	24.80	25.40	C13923	0.60	<.03			
BG11-178	33.70	35.00	C13924	1.30	<.03	BC; locy wy hem'd@30		
BG11-178	35.00	36.70	C13925	1.70	<.03			
BG11-178	36.70	37.30	C13926	0.60	<.03			
BG11-178	37.30	38.00	C13927	0.70	<.03	1/4" 60% cse py vn@55 imm prec by 0.2m hily ser'd+shr'd w 20% q-ank		
BG11-178	38.00	39.10	C13929	1.10	<.03			
BG11-178	39.10	40.60	C13930	1.50	<.03			
BG11-178	40.60	41.20	C13931	0.60	<.03			
BG11-178	41.20	41.80	C13932	0.60	0.411	1/2" dk gy sil-chl w 30% cse+f d py@28 in ser'n in 0.3m BC of QFP		
BG11-178	43.30	44.10	C13933	0.80	<.03	0.5m wy sil'd, mody hem'd, shr'd w ser'n+2% cse d py		
BG11-178	44.10	45.10	C13934	1.00	<.03			
BG11-178	45.10	46.90	C13935	1.80	<.03			
BG11-178	46.90	48.00	C13936	1.10	<.03	locy wy hem'd+ locy w 10% spec@20		
BG11-178	48.00	48.60	C13937	0.60	<.03	0.3m w 20% spec@30+3% cse d py in BC		
BG11-178	48.60	49.70	C13938	1.10	<.03	BC w posy QFP+w 30% spec@20		
BG11-178	49.70	51.00	C13939	1.30	<.03	5% spec assd w epi; more comp		
BG11-178	51.00	52.30	C13940	1.30	<.03			
BG11-178	52.30	53.50	C13941	1.20	<.03			
BG11-178	53.50	54.50	C13942	1.00	<.03			
BG11-178	57.70	58.55	C13943	0.85	<.03	3/4" epi@70 w 4% cse d py		
BG11-178	60.10	60.90	C13944	0.80	0.137	1" epi@70 w 2% cse d py		
BG11-178	62.60	63.40	C13946	0.80	<.03	0.1m q-ank vn vuggy @70 w 5% spec+2% cse d py		
BG11-178	63.40	64.15	C13947	0.75	<.03			
BG11-178	64.15	65.00	C13948	0.85	<.03			
BG11-178	65.00	66.50	C13949	1.50	<.03			
BG11-178	66.50	68.00	C13950	1.50	<.03			
BG11-178	68.00	69.30	C13951	1.30	0.069	locy wy bl'd w 3% cse d py		
BG11-178	69.30	70.15	C13952	0.85	0.411	wy bl'd w 5% cse d py locy conc; ct imm prec by 1/4" wk ser-chl shr w 5% cse d py		
BG11-178	75.80	77.00	C13953	1.20	<.03	wy bl'd locy		
BG11-178	80.40	81.25	C13954	0.85	<.03			
BG11-178	**81.25**	**82.10**	**C13955**	**0.85**	**0.891**	**ct imm foll by wy bl'd w 7-8% cse d py throughout**		
BG11-178	**82.10**	**82.70**	**C13956**	**0.60**	**0.823**	**1/2" 60% cse py vn@30 in 0.05m dio in por**		
BG11-178	82.70	83.80	C13957	1.10	0.411			
BG11-178	**83.80**	**84.80**	**C13958**	**1.00**	**0.823**			
BG11-178	84.80	85.50	C13959	0.70	<.03	1/2" 70% cse py vn @45 in dio w por bx frag's		
BG11-178	85.50	86.40	C13960	0.90	0.411	0.4m BC w 12% cse d +bleb py gen@35; later 0.2m w 6% cse d py		
BG11-178	86.40	87.25	C13961	0.85	0.206	0.1m hily bl'd w 3% cse d py		
BG11-178	87.25	88.00	C13962	0.75	<.03			
BG11-178	88.00	88.80	C13963	0.80	<.03			
BG11-178	88.80	89.75	C13964	0.95	0.274	hily bl'd w 40% q-ank@45 +w 25% 80% cse py vn's to 1/4"@140 all ending on flt-posy gn chill zone for another 0.2m w poss ct@75		
BG11-178	89.75	90.70	C13966	0.95	<.03	10% q-ank; mody bl'd		
BG11-178	90.70	91.60	C13967	0.90	<.03			
BG11-178	91.60	92.30	C13968	0.70	0.137	0.3m 25% cse d+vn py to 1/2"@30 in ser-chl		
BG11-178	92.30	93.70	C13969	1.40	<.03	2* 1/8" 20% cse py vn's @25		
BG11-178	93.70	95.10	C13971	1.40	<.03			
BG11-178	95.10	96.40	C13972	1.30	<.03			
BG11-178	96.40	97.05	C13973	0.65	<.03	3/4" 85% cse py vn@45 in 0.15m hily hem'd		
BG11-178	97.05	98.50	C13975	1.45	<.03			
BG11-178	98.50	99.90	C13976	1.40	<.03			
BG11-178	**99.90**	**100.90**	**C13977**	**1.00**	**0.960**	**20% 1/8"-1.5" 60% cse py vn's@60 in mody hem'd centred on flt**		
BG11-178	100.90	102.15	C13979	1.25	<.03			

Hole_ID	From	To	Sample_#	Length	Au ppm	Description	Au ppm_ck	Au ppm-ck2
BG11-178	**102.15**	**103.50**	**C13980**	**1.35**	**0.754**	**2* 0.3m ser'd w 20% cse d +vn py@30-60**		
BG11-178	103.50	104.45	C13981	0.95	0.069	first 0.5m same as above to ct		
BG11-178	104.45	105.40	C13982	0.95	<.03	0.1m mody hem'd w 30% cse bleb py@45+120		
BG11-178	105.40	106.90	C13983	1.50	<.03			
BG11-178	106.90	107.70	C13984	0.80	<.03	0.05m sil'd wy w 60% dk gn-gy sil-chl-ser@50 w 5% cse d py		
BG11-178	107.70	108.70	C13985	1.00	<.03	1/4" dk gy chl-spec vn w 10% cse d py@60		
BG11-178	108.70	110.00	C13986	1.30	<.03			
BG11-178	110.00	111.50	C13987	1.50	<.03			
BG11-178	111.50	113.00	C13988	1.50	<.03			
BG11-178	113.00	114.30	C13989	1.30	<.03			
BG11-178	114.30	115.60	C13990	1.30	0.069	1/8" q-ank vn w 5% cse d py@45		
BG11-178	115.60	116.30	C13991	0.70	<.03	0.05m q-ank vn w ser-spec+12% cse d py+2% cp @75		
BG11-178	116.30	117.50	C13992	1.20	0.137			
BG11-178	117.50	119.00	C13993	1.50	<.03	0.3m hily sil'd wy hem'd w 2* 1/8"50% cse py vn's@70 centred on flt		
BG11-178	119.00	120.00	C13994	1.00	<.03			
BG11-178	120.00	121.00	C13996	1.00	3.703	0.4m ser-chl w 20% sil'd w 20% cse d py@70+w 1/2" 40% cse py vn imm foll by 0.3m 20% q-ank in ser'd imm foll by 1/4" flt gouge	2.880	4.526
BG11-178	121.00	122.00	C13997	1.00	<.03	0.6m wy sil'd+hem'd w 10% q-ank		
BG11-178	122.00	122.80	C13998	0.80	<.03	3/4" 70% cse py vn@30 in ser'n		
BG11-178	122.80	123.80	C13999	1.00	0.206	ser-chl in wy sil'd w 0.1m 70% cse py vn@30		
BG11-178	123.80	124.60	C14001	0.80	<.03	1" 80% cse py vn@45 in ser'n		
BG11-178	124.60	125.50	C14002	0.90	0.069	15% cse d +bleb py in ser'n		
BG11-178	125.50	126.70	C14003	1.20	0.206	0.1m sil'd w 30% cse d py@45; 0.1m dk gy chl w 10% cse d py is mody sil'd@45		
BG11-178	126.70	127.55	C14004	0.85	0.206	2 sil'd hem'd QFP frag's? w 12% cse d py w 0.1m 70% cse py vn between-all@35		
BG11-178	127.55	128.95	C14005	1.40	0.069			
BG11-178	134.55	135.65	C14006	1.10	0.137			
BG11-178	135.65	136.55	C14007	0.90	1.475	0.05m med gy sil'n w 10% cse d py @45; 2" 90% cse py vn imm prec by poss flt in BC @50	1.509	1.440
BG11-178	136.55	137.70	C14009	1.15	<.03			
BG11-178	140.70	141.60	C14010	0.90	<.03			
BG11-178	151.50	152.65	C14011	1.15	<.03			
BG11-178	152.65	153.40	C14012	0.75	2.915	1" 90% cse py vn assd w epi @30	3.429	2.400
BG11-178	153.40	155.00	C14013	1.60	<.03			
BG11-179	6.75	8.25	C14014	1.50	<.03	2* 1/8" chl-sil vn's w 5-10% cse d py@30+10% clots same		
BG11-179	8.25	9.00	C22664	0.75	0.206	infill sample - QFP wispy QTZ		
BG11-179	9.00	10.00	C22665	1.00	<.03	infill sample - greenish tan V's		
BG11-179	10.00	11.00	C22666	1.00	<.03	infill sample - Min Frac, Min py		
BG11-179	11.00	12.00	C22667	1.00	<.03	infill sample - Min Frac. Min py		
BG11-179	12.00	13.00	C22668	1.00	<.03	infill sample - Min Frac. Min py		
BG11-179	13.00	14.00	C22669	1.00	<.03	infill sample - Min Frac. Min py		
BG11-179	14.00	15.00	C22670	1.00	<.03	infill sample - Min Frac. Min py		
BG11-179	15.00	16.00	C22671	1.00	<.03	infill sample - Min Frac. Min py		
BG11-179	16.00	17.00	C22672	1.00	<.03	infill sample - Min Frac. Min py		
BG11-179	17.00	18.00	C22673	1.00	<.03	infill sample - Min Frac. Min py		
BG11-179	18.00	19.00	C22674	1.00	<.03	infill sample - Min Frac. Min py		
BG11-179	19.00	20.00	C22675	1.00	<.03	infill sample - Min Frac. Min py		
BG11-179	20.00	20.80	C22676	0.80	0.069	infill sample - Min Frac. Min py		
BG11-179	20.80	21.50	C22677	0.70	<.03	infill sample - Min Frac. Min py		
BG11-179	21.50	22.35	C14015	0.85	0.206			
BG11-179	22.35	22.85	C14016	0.50	<.03	5% cse d py @ chl ct		
BG11-179	22.85	23.75	C14017	0.90	<.03			
BG11-179	26.25	27.20	C14018	0.95	<.03	2* 1/8" chl-sil vn's w 5-10% cse d py@30		
BG11-179	27.20	28.10	C14019	0.90	0.137	0.05m chl-ser @ ct w hem'n w 6-7% cse+f d py@45		

Hole_ID	From	To	Sample_#	Length	Au ppm	Description	Au ppm_ck	Au ppm-ck2
BG11-179	32.60	33.50	C14021	0.90	0.069	BC w 20% chl'c w 2-3% f d py		
BG11-179	37.40	38.30	C14022	0.90	<.03	sil'd; 10%q-ank@70; 5% chl clots w 2% cse d py		
BG11-179	40.40	40.90	C14023	0.50	<.03	1/8" 20% cse py vn@10		
BG11-179	43.00	43.90	C14024	0.90	<.03	15% spec @ct sim		
BG11-179	43.90	45.50	C14025	1.60	<.03			
BG11-179	45.50	47.00	C14026	1.50	<.03			
BG11-179	47.00	48.50	C14027	1.50	<.03			
BG11-179	48.50	50.00	C14028	1.50	<.03	0.1m w 2% cse d py assd w ser-q-ank-chl@45		
BG11-179	50.00	51.00	C14029	1.00	<.03			
BG11-179	51.00	52.10	C14030	1.10	<.03	10% pk carb@20		
BG11-179	52.10	53.50	C14031	1.40	<.03	10% pk carb@20		
BG11-179	58.80	60.50	C14032	1.70	<.03			
BG11-179	60.50	62.00	C14033	1.50	<.03	5% pk carb@15		
BG11-179	62.00	63.50	C14034	1.50	<.03	5% pk carb@15		
BG11-179	63.50	65.00	C14035	1.50	<.03			
BG11-179	65.00	66.10	C14036	1.10	<.03			
BG11-179	66.10	67.20	C14037	1.10	<.03			
BG11-179	67.20	68.00	C14038	0.80	<.03	1/4" vuggy q-ank vn w 10% spec+5% cse d py@10		
BG11-179	68.00	69.50	C14039	1.50	<.03			
BG11-179	69.50	70.90	C14040	1.40	<.03	wy hem'd bx frag's		
BG11-179	70.90	71.50	C14041	0.60	<.03			
BG11-179	71.50	72.10	C14042	0.60	<.03			
BG11-179	72.10	72.60	C14043	0.50	0.274	0.15m 15% cse d py imm prec by 1/4" med gy chl-sil vn+w 18" pa gy qv@22		
BG11-179	72.60	73.20	C14045	0.60	0.411	1/2"-1.5" chl-sil vn w 2% cse d py in 0.3m ser-chl wy sil'd w 5% cse+f d py		
BG11-179	73.20	74.00	C14047	0.80	0.069			
BG11-179	74.00	75.30	C14048	1.30	0.206	5% spec assd w pk carb@25		
BG11-179	78.70	79.50	C14049	0.80	<.03	5% spec assd w pk carb@20		
BG11-179	81.80	82.90	C14050	1.10	<.03	wy bl'd		
BG11-179	82.90	83.60	C14051	0.70	0.343	1/2" 30% cse py vn@20 in 0.2m mody bl'd assd w chl-ser		
BG11-179	83.60	84.60	C14052	1.00	0.069	0.2m wy hem'd w 5% cse d py@30		
BG11-179	84.60	86.00	C14053	1.40	<.03			
BG11-179	88.50	89.90	C14054	1.40	<.03	0.1m wy hem'd w 3% cse d py@30		
BG11-179	89.90	90.60	C14055	0.70	0.137	2* 1/8" 30% cse py vn's@30 assd w ser'n		
BG11-179	90.60	92.00	C14056	1.40	<.03	1/8" 60% cse py vn@55		
BG11-179	92.00	93.30	C14057	1.30	<.03			
BG11-179	93.30	94.75	C14058	1.45	0.343	ser'd shr'd wy w 10% q-ank+1"& 0.05m 70% cse py vn's@30 in sil'n/ser'n		
BG11-179	**94.75**	**96.20**	**C14060**	**1.45**	**0.754**	**20% q-ank in hily bl'd, ser'd wy sil'd w 1/2" 70% cse py vn@55+0.2m chl'c w 5% cse d py@40**		
BG11-179	96.20	97.00	C14061	0.80	0.069	3/4" cse py vn@35 in hily bl'd/ser'd		
BG11-179	97.00	98.00	C14062	1.00	<.03			
BG11-179	98.00	99.05	C14063	1.05	<.03	1" pa-med gy qv@30 w 5% cse d py		
BG11-179	99.05	100.30	C14064	1.25	0.549	40% sil'd+ser'd+bl'd w 5-10% cse d py		
BG11-179	100.30	101.45	C14065	1.15	<.03			
BG11-179	121.05	121.65	C14066	0.60	0.343	1/8" med gy bull qv@30 imm prec by 0.2m ser'd w 8% cse d py		
BG11-179	121.65	123.10	C14067	1.45	0.411			
BG11-179	125.30	126.20	C14068	0.90	<.03			
BG11-179	126.20	126.90	C14069	0.70	0.274	1/8"-3/4" pa-med gy qv imm prec by 0.15m w 5* 1/8"70% cse py vn's-all@30		
BG11-179	126.90	127.85	C14071	0.95	0.069	1/8" med gy bullish qv@10		
BG11-179	**127.85**	**129.35**	**C14072**	**1.50**	**0.617**			
BG11-179	129.35	129.90	C14073	0.55	0.411	15% q-ank@70		
BG11-179	129.90	130.80	C14074	0.90	2.777	1" clot of 30% cse py	3.154	2.400
BG11-179	**130.80**	**131.40**	**C14075**	**0.60**	**0.754**	**2* 1/4" 80% cse py vn's@70 in hily bl'd imm foll by wy hem'd**		
BG11-179	131.40	132.30	C14077	0.90	0.274			

Hole_ID	From	To	Sample_#	Length	Au ppm	Description	Au ppm_ck	Au ppm-ck2
BG11-179	132.30	133.60	C14078	1.30	<.03	1/2" spec-chl vn w 15% cse d py@10-15		
BG11-179	133.60	134.50	C14079	0.90	<.03			
BG11-179	134.50	135.10	C14080	0.60	1.818	hily hem'd+wy sil'd w 4* 1/8" 80% cse py vn's+1/4" shim of med-pa gy qv w 50% cse d py+1% cp-all@40; well min'd	1.989	1.646
BG11-179	**135.10**	**135.75**	**C14081**	**0.65**	**0.549**	**3% cse d py in hily hem'd wy sil'd**		
BG11-179	135.75	136.60	C14082	0.85	0.206	mody sil'd mody hem'd w 10% chl fract's w 10% cse d py@30		
BG11-179	136.60	137.30	C14083	0.70	<.03	1/8"-3/4" pa gy qv w 20% cse d py@30		
BG11-179	137.30	138.80	C14084	1.50	<.03			
BG11-179	141.15	141.90	C14085	0.75	0.206	0.1m 30% q-ank wy sil'd w 1% cse d py@35		
BG11-179	141.90	143.00	C14086	1.10	0.411	0.2m ser'd hily w 2% cse d py@35; 0.3m w 15% q-ank wy hem'd		
BG11-179	143.00	144.50	C14087	1.50	0.274	1/8" 70% cse py vn@40		
BG11-179	144.50	145.30	C14088	0.80	0.823	1/8"-1/4" 70% cse py vn's@30		
BG11-179	145.30	146.45	C14089	1.15	<.03	0.1m chlc w 20% cse d py@70		
BG11-179	146.45	147.80	C14090	1.35	<.03			
BG11-179	147.80	149.15	C14091	1.35	<.03	0.05m spec-ank vn @30 w 5% cse d py		
BG11-179	149.15	150.00	C22652	0.85	<.03	infill sample - Min Frac. Sporadic sprc		
BG11-179	150.00	151.00	C22653	1.00	<.03	infill sample - nem		
BG11-179	151.00	152.00	C22654	1.00	<.03	infill sample - nem		
BG11-179	152.00	153.00	C22655	1.00	<.03	infill sample - nem		
BG11-179	153.00	154.50	C22656	1.50	<.03	infill sample - nem		
BG11-179	154.50	156.00	C22657	1.50	<.03	infill sample - nem		
BG11-179	156.00	157.50	C22658	1.50	<.03	infill sample - blocky min py		
BG11-179	157.50	159.00	C22659	1.50	<.03	infill sample - blocky min py		
BG11-179	159.00	160.50	C22660	1.50	<.03	infill sample - blocky min py		
BG11-179	160.50	161.50	C22661	1.00	<.03	infill sample - blocky min py		
BG11-179	161.50	162.50	C22662	1.00	<.03	infill sample - blocky min py		
BG11-179	162.50	163.60	C22663	1.10	<.03	infill sample - blocky min py		
BG11-179	163.60	164.80	C14092	1.20	1.440	2* fractures @30 w 10% cse d py	1.783	1.097
BG11-179	164.80	165.75	C14093	0.95	0.960	hily sil'd w 20% q-ank@25 to 1/2" w 1"+1/8" 20% cse d py vn's x-cutting@140	1.029	0.891
BG11-179	**165.75**	**166.40**	**C14094**	**0.65**	**0.617**	**3/4" 70% cse py vn@45 imm prec by 0.2m hily bl'd+sil'd imm foll by 0.15m w 2* 3/4" 70% cse py vn's@30**		
BG11-179	**166.40**	**167.40**	**C14096**	**1.00**	**0.617**	**1" med gy qv in BC w 12% cse d py@70**		
BG11-179	167.40	168.30	C14097	0.90	0.480	3-4% cse d py locy conc on fract's@35		
BG11-179	**168.30**	**168.80**	**C14099**	**0.50**	**0.891**	**3-4% cse d py locy conc on fract's@35**		
BG11-179	168.80	169.50	C14100	0.70	<.03			
BG11-179	173.00	173.90	C14101	0.90	<.03	type sample		
BG11-179	183.30	183.90	C14102	0.60	<.03			
BG11-179	183.90	184.50	C14103	0.60	<.03	1" 70% cse py vn@70 imm foll by por dyke		
BG11-179	184.50	185.20	C14104	0.70	<.03			
BG11-179	185.20	185.90	C14105	0.70	<.03			
BG11-179	185.90	186.60	C14106	0.70	<.03	1/4" 40% cse py vn@30; posy 0.2m hily bl'd QFP but maybe just hily alt'd w 10% q-ank@40 overprinting heavy med gy sil'n@140 w 30% cse d py		
BG11-179	186.60	187.40	C14107	0.80	1.783		3.566	
BG11-179	**187.40**	**188.20**	**C14108**	**0.80**	**0.823**			
BG11-179	189.60	191.00	C14127	1.40	<.03	5% q-ank		
BG11-180	9.30	9.90	C12898	0.60	0.069	9.3 to 9.9m slip with calcite+spec hem+chl at 0 deg TCA		
BG11-180	**9.90**	**10.60**	**C12899**	**0.70**	**36.823**	**10.1-10.2m two parallel slips at 50 deg TCA with mo+py+0.5cm wide carb-dol vn**	**38.13**	**35.52**
BG11-180	10.60	11.60	C12900	1.00	0.891	<1% py in chl slip-frac		
BG11-180	13.50	14.00	C12901	0.50	0.137	13.85m QFP-FP contact with calcite + py		
BG11-180	15.30	16.70	C12902	1.40	<.03	15.8m FP-QFP contact; strong ser+sil-dol alt'n; tr py		
BG11-180	20.10	21.30	C12903	1.20	0.137	weak hairline frac'ing with 1-2% diss py		
BG11-180	***21.30***	***22.10***	***C12905***	***0.80***	***0.549***	**3-8% diss py in strong late frac'ing at 35-45 deg TCA with mo, qtz-dol vn'ing up to 0.1cm wide**		

Hole_ID	From	To	Sample_#	Length	Au ppm	Description	Au ppm_ck	Au ppm-ck2
BG11-180	22.10	23.30	C12906	1.20	0.274	weak hairline frac'ing with 1-2% diss py		
BG11-180	23.30	24.70	C12907	1.40	0.069	weak hairline frac'ing with 1-2% diss py		
BG11-180	27.80	28.80	C12908	1.00	<.03	tr py		
BG11-180	28.80	29.60	C12909	0.80	<.03	28.9m 2cm wide white-grey qtz vn at 40 deg TCA with 20% py		
BG11-180	*29.60*	*30.50*	*C12910*	*0.90*	*0.069*	29.8 to 30m <1mm wide frac's with 5-7% py at 50 and 30 deg TCA		
BG11-180	*30.50*	*31.20*	*C12911*	*0.70*	*0.823*	at 31.1m 0.5cm wide 95% py vn at 65 deg TCA		
BG11-180	31.20	32.00	C12913	0.80	<.03	tr py		
BG11-180	32.00	33.00	C12914	1.00	<.03	tr py		
BG11-180	34.80	35.80	C12915	1.00	<.03	1% py and 1-5% spec hem in weak frac'ing		
BG11-180	37.00	38.00	C12916	1.00	<.03	localized shear zones at 37.15-37.24 and at 37.75 to 37.77m with chl in frac's, qtz-dol vning and ser alt'n, 85 to 90 deg TCA; 1-5% spec hem in slips outside of shear areas		
BG11-180	38.00	39.00	C12917	1.00	<.03	10-20% carb-calcite vn'ing at 65 to 90 deg TCA with tr diss py		
BG11-180	41.40	41.90	C12918	0.50	<.03	41.68 to 41.75m slip with calcite+chl at 5 deg TCA		
BG11-180	41.90	42.70	C12919	0.80	<.03	5%qtz-dol vn'ing with epi+bleached halo's; 1-3% spec hem		
BG11-180	51.80	52.70	C12920	0.90	<.03	5%carb+chl vn'ing; one carb vn 0.25 cm wide with 3% py		
BG11-180	*52.70*	*53.20*	*C12921*	*0.50*	*0.069*	*Diorite-QFP contact at 52.8m; 15-30% py in multiple veining in QFP Dyke; vn'ing up to 2.5cm wide with 90% py in qtz; blocky ground*		
BG11-180	**53.20**	**53.80**	**C12923**	**0.60**	**0.891**	**QFP-Diorite contact at 53.2m, bad blocky ground, tr to negl py; diorite is magnetic**		
BG11-180	53.80	54.00	C12924	0.20	<.03	bad blocky ground; tr to negl py in diorite; magnetic		
BG11-180	64.30	64.90	C12925	0.60	<.03	FP outlier sample		
BG11-180	64.90	65.90	C12926	1.00	1.886	FP-Diorite contact; in diorite 1-2% diss py in chl frac's	2.13	1.65
BG11-180	65.90	66.60	C12927	0.70	0.480	1% diss py in diorite, FP dyke from 66.17-66.52m		
BG11-180	66.60	67.60	C12928	1.00	1.680	2-1mm wide py carb vns at 70 deg TCA; <1% py in other frac's	1.30	2.06
BG11-180	67.60	68.60	C12929	1.00	0.069	at 68m - one 0.5cm wide py carb vn at 50 deg TCA; <1% diss py in other frac's; at 68.6m narrow chl slip with cpy		
BG11-180	68.60	69.60	C12930	1.00	<.03	tr py in frac's; 1-2% spec hem in carb-calcite vn's		
BG11-180	69.60	70.60	C12932	1.00	<.03	<1% py		
BG11-180	77.00	78.00	C12933	1.00	0.411	two <1mm slips with chl + 1% py - FP host		
BG11-180	78.00	78.70	C12934	0.70	0.411	78.2m FP-Diorite contact; immediately at contact 0.75?cm wide py vn at 65-70 deg TCA - broken core		
BG11-180	78.70	80.00	C12935	1.30	<.03	tr py; mod to strong fracturing with chl		
BG11-180	80.00	80.80	C12936	0.80	<.03	80.05m two slips at 55 deg TCA with adjacent pink carb; Diorite-QFP contact at 80.22m QFP ser alt'n with 1-2% spec hem and py in chl frac's		
BG11-180	***80.80***	***81.70***	***C12937***	***0.90***	***0.960***	**80.8 to 81.1m fine network frac'ing with ser+3-7% fg py; 0.1cm py vn with calcite at 81.65m**		
BG11-180	81.70	82.70	C12938	1.00	0.411	3-5% diss py in matrix		
BG11-180	*82.70*	*83.70*	*C12939*	*1.00*	*0.274*	chl'd QFP or diorite with chl+mg diss py vn's at 15 and 45 deg TCA; overall 5-8% py		
BG11-180	83.70	84.40	C12940	0.70	1.166	1-4% diss py in matrix and in a few hairline frac's	1.37	0.96
BG11-180	84.40	84.90	C12941	0.50	0.411	weak frac'ing with chl and 1% py		
BG11-180	*84.90*	*85.60*	*C12942*	*0.70*	*0.480*	strong shear with mod to strong ser+chl+qtz-dol at 65 to 85 deg TCA with 5-7% py in occasional slips/veins		
BG11-180	*85.60*	*86.30*	*C12943*	*0.70*	*0.206*	strong shear with mod to strong ser+chl+qtz-dol at 65 to 85 deg TCA with 3-5% py in occasional slips/veins		
BG11-180	***86.30***	***87.10***	***C12945***	***0.80***	***0.754***	**strong shear with mod to strong ser+chl+qtz-dol at 65 to 85 deg TCA with 5-7% py in occasional slips/veins; 86.6 to 86.7m 65% fg anhedral py in qtz and qtz-dol vn'ing 8cm wide at 70-80 deg TCA**		
BG11-180	***87.10***	***88.00***	***C12946***	***0.90***	***0.823***	**strong shear with mod to strong ser+chl+qtz-dol at 65 to 85 deg TCA with 1-3% py in occasional slips/veins**		
BG11-180	***88.00***	***88.80***	***C12947***	***0.80***	***6.892***	***88.3 to 88.62m 25cm wide qtz-dol-chl with 15% py at 40 to 55 deg TCA; end of shear at 88.7m***	**6.86**	**6.93**
BG11-180	88.80	89.80	C12949	1.00	0.480	1-5% diss py; carb alt'n		
BG11-180	89.80	90.80	C12950	1.00	1.886	at 90 m 1mm wide carb vn at 60 deg TCA with fg py; 1-3% diss py; carb alt'n	2.26	1.51
BG11-180	90.80	92.00	C12951	1.20	<0.03	1-3% diss py; carb alt'n		
BG11-180	96.40	97.00	C12952	0.60	<.03	one hairline frac with py at 30 deg TCA		
BG11-180	97.80	99.00	C12953	1.20	<.03	98.1m slip at 30 deg TCA with carb vn and chl; tr py in matrix		

Hole_ID	From	To	Sample_#	Length	Au ppm	Description	Au ppm_ck	Au ppm-ck2
BG11-180	99.00	100.50	C12954	1.50	<.03	1-2% py in rare carb vn'ing discontinuous and irregular		
BG11-180	*100.50*	*101.00*	*C12955*	*0.50*	*0.206*	4 - carb vn's up to 1 cm wide with 5-20% py at 55 and 60 deg TCA		
BG11-180	101.00	102.00	C12956	1.00	<.03	1% py in weak hairline frac's and disseminated		
BG11-180	102.70	103.50	C12957	0.80	<.03	at 102.75m 2 -1.5cm wide carb vns at 15 deg TCA and 25 deg TCA with specks of py; rare discontinuous vn's with py		
BG11-180	106.30	107.40	C12958	1.10	<.03	5% white carb vning; tr py		
BG11-180	107.40	108.30	C12959	0.90	<.03	1% py in qtz clots; 107.7m qtz-calcite vn at 30 deg TCA 2cm wide; 1-2% diss py in matrix		
BG11-180	**108.30**	**109.00**	**C12960**	**0.70**	1.029	108.48 to 108.63m 25% py in 4 qtz vn's at 50 deg TCA in a localized shear zone, dk and white qtz+chl	1.23	0.82
BG11-180	109.00	110.00	C12961	1.00	<.03	1-2% diss py in matrix		
BG11-180	110.00	111.00	C12962	1.00	<.03	<1% diss py in matrix		
BG11-180	113.90	114.90	C12963	1.00	<.03	1-2% diss py in matrix; 5-15% white carb vn'ing		
BG11-180	114.90	115.70	C12964	0.80	<.03	2 sinewy chl+qtz-dol vn'ing with 3-5% py; 115.6m slip with carb-qtz at 55 deg TCA		
BG11-180	115.70	116.70	C12965	1.00	<.03	1 - <0.2 cm wide carb vn with py lens		
BG11-180	124.30	124.90	C12966	0.60	<.03	three grey carb vn's up to 1.5cm wide; negl py		
BG11-180	129.70	131.00	C12967	1.30	<.03	1% py in matirx; EOH		
BG11-182	7.80	8.80	C14109	1.00	<.03	sil fract's w 5% cse d py@40		
BG11-182	8.80	9.75	C14110	0.95	<.03	1/8" 20% cse py vn@45		
BG11-182	9.75	11.15	C14111	1.40	<.03			
BG11-182	11.15	12.25	C14112	1.10	<.03			
BG11-182	12.25	13.20	C14113	0.95	<.03			
BG11-182	13.20	14.00	C14114	0.80	<.03	1/4"-1/2" chl-ank vn w 12% cse d py@20		
BG11-182	17.45	18.50	C14115	1.05	<.03	2* 1/8" chl-sil fract's@30 w 3% cse d py		
BG11-182	21.40	22.20	C14116	0.80	0.411			
BG11-182	**22.20**	**23.00**	**C14117**	**0.80**	**0.686**	**flt imm foll by 1/2" 70% cse py vn imm foll by 1/2" pa gy sil-ank vn-all@30**		
BG11-182	23.00	23.90	C14119	0.90	<.03			
BG11-182	26.80	28.00	C14121	1.20	0.069	0.15m hily sil'd w 3% f d py@60		
BG11-182	28.00	29.00	C14122	1.00	<.03			
BG11-182	**29.00**	**29.70**	**C14123**	**0.70**	**0.960**	**0.15m hily sil'd med gy w 3% cse d py@45**		
BG11-182	29.70	30.65	C14124	0.95	0.069	3* 1/8" 3% cse py vn's on fract's@35		
BG11-182	34.00	35.00	C14125	1.00	<.03	1/4" 10% cse py vn in chl@30; hily bl'd		
BG11-182	35.00	36.00	**C14126**	1.00	<.03	hily bl'd		
BG11-182	40.80	41.70	**C14128**	0.90	<.03	chl'c@45; rare py		
BG11-182	48.20	48.70	C14129	0.50	<.03	1/8" 30% cse py vn@15 in BC; hily bl'd		
BG11-182	51.60	52.50	C14130	0.90	<.03	2* 1/8" 15% cse py vn@30 in BC; hily bl'd		
BG11-182	56.70	57.40	C14131	0.70	<.03	1/8" 40% cse py vn@60		
BG11-182	63.80	64.65	C14132	0.85	<.03	5% chl-sil fract's w 3-5% cse d py@40		
BG11-182	64.65	65.30	C14133	0.65	0.137	0.2m dk-med gy sil'n w 10% f+cse d py		
BG11-182	65.30	66.30	C14134	1.00	<.03	5% chl-sil fract's w 3-5% cse d py@40		
BG11-182	66.30	67.00	C14135	0.70	<.03	5% chl-sil fract's w 3-5% cse d py@40		
BG11-182	67.00	68.00	C14136	1.00	<.03	5% chl-sil fract's w 3-5% cse d py@40		
BG11-182	68.00	69.50	C14137	1.50	<.03	5% chl-sil fract's w 3-5% cse d py@40		
BG11-182	69.50	71.00	C14138	1.50	<.03	1/4" 30% cse py vn@25		
BG11-182	71.00	72.00	C14139	1.00	<.03	5% chl-sil fract's w 3-5% cse d py@40		
BG11-182	72.00	72.90	C14140	0.90	<.03	5% chl-sil fract's w 3-5% cse d py@40		
BG11-182	72.90	73.80	C14141	0.90	1.886	hily bl'd+sil'd w 1" 90% cse py vn@75; 3-5% cse d py elsewhere	1.65	2.13
BG11-182	73.80	74.70	C14143	0.90	<.03	5% chl-sil fract's w 3-5% cse d py@40		
BG11-182	**74.70**	**75.35**	**C14144**	**0.65**	**0.686**	**0.3m mody hem'd w 12% cse d py+2* 3/4" 70% cse py vn's@65 imm prec by tight flt**		
BG11-182	**75.35**	**75.90**	**C14146**	**0.55**	**0.960**			
BG11-182	75.90	76.90	C20969	1.00	<.03	infill sample		
BG11-182	76.90	77.90	C20970	1.00	<.03	infill sample		
BG11-182	77.90	78.90	C20971	1.00	<.03	infill sample		
BG11-182	78.90	79.80	C20972	0.90	<.03	infill sample		

Hole_ID	From	To	Sample_#	Length	Au ppm	Description	Au ppm_ck	Au ppm-ck2
BG11-182	79.80	81.00	C14147	1.20	<.03	hily bl'd centred on 1/8" 30% cse py vn@20		
BG11-182	81.00	82.10	C20973	1.10	<.03	infill sample		
BG11-182	82.10	83.00	C20974	0.90	<.03	infill sample		
BG11-182	83.00	83.70	C20975	0.70	0.274	infill sample		
BG11-182	83.70	84.50	C20976	0.80	0.823	infill sample		
BG11-182	84.50	86.00	C14148	1.50	0.274			
BG11-182	86.00	87.50	C14149	1.50	1.200	5% chl-sil fract's w 3-5% cse d py@40	1.303	1.097
BG11-182	87.50	89.00	C14150	1.50	1.269	5% chl-sil fract's w 3-5% cse d py@40	1.234	1.303
BG11-182	**89.00**	**90.10**	**C14151**	**1.10**	**0.754**	**0.2m w 2* 1"dk gy sil-chl w 3% cse d py@25**		
BG11-182	90.10	91.00	C20977	0.90	0.069	infill sample		
BG11-182	91.00	92.00	C20978	1.00	0.137	infill sample		
BG11-182	92.00	93.00	C20979	1.00	0.206	infill sample		
BG11-182	93.00	94.00	C20980	1.00	0.069	infill sample		
BG11-182	94.00	94.80	C20981	0.80	0.480	infill sample		
BG11-182	94.80	95.90	C14152	1.10	0.274	5% chl-sil fract's w 3-5% cse d py@40		
BG11-182	**95.90**	**96.70**	**C14153**	**0.80**	**0.617**	**hily sil'd w 0.1m med gy sil'n@35 w 5% cse d py**		
BG11-182	96.70	97.55	C14154	0.85	1.063	hily sil'd w 0.15m med gy sil'n@55 w 5% cse d py	1.097	1.029
BG11-182	97.55	98.40	C14156	0.85	1.371	hily sil'd; ct imm foll by ser'd chill zone w 1/2" chty med gy sil vn0.1m in@70	1.577	1.166
BG11-182	98.40	99.40	C14157	1.00	<.03	ser'd		
BG11-182	99.40	100.40	C20982	1.00	3.600	infill sample	3.429	3.771
BG11-182	100.40	101.30	C20983	0.90	<.03	infill sample		
BG11-182	101.30	102.10	C20984	0.80	<.03	infill sample		
BG11-182	Blank		C20985		<.03	infill blank		
BG11-182	102.10	103.00	C20986	0.90	0.617	infill sample		
BG11-182	103.00	104.00	C20987	1.00	<.03	infill sample		
BG11-182	104.00	105.00	C20988	1.00	<.03	infill sample		
BG11-182	120.10	121.25	C14158	1.15	<.03			
BG11-182	121.25	121.95	C14159	0.70	<.03	1" med gy sil'd vn @45 w 5% cse d py imm foll by ct imm foll by 0.2m 5% cse d py		
BG11-182	121.95	123.05	C14160	1.10	<.03			
BG11-182	126.30	127.40	C14161	1.10	0.411	slip imm foll by 3/4" q-ank vn w 5% spec+2% cse d py		
BG11-182	127.40	128.00	C14162	0.60	0.411	5% chl-sil fract's w 3-5% cse d py@40		
BG11-182	128.00	129.05	C14163	1.05	0.343	5% chl-sil fract's w 3-5% cse d py@40		
BG11-182	129.05	129.80	C14164	0.75	0.274	1/8" 50% cse py vn@45		
BG11-182	129.80	131.00	C14165	1.20	1.817	5% chl-sil fract's w 3-5% cse d py@40	1.989	1.646
BG11-182	131.00	132.70	C14166	1.70	0.343	0.1m wy sil'd w 2% cse d py@45; 1" chl bl'd hily w 10% cse d py@45		
BG11-182	**132.70**	**133.15**	**C14167**	**0.45**	**0.686**	**1" chl bl'd hily w 10% cse d py@45**		
BG11-182	133.15	134.00	C14168	0.85	0.206	1/2" chl fract's w 5% cse d py@45		
BG11-182	136.00	136.80	C14169	0.80	0.274	hily bl'd; 5% q-ank; 1/8" 30% cse py vn@45		
BG11-182	141.20	142.10	C14171	0.90	0.480	1/8" 50% cse py vn@45; 2% cse d py elsewhere		
BG11-182	**143.30**	**143.90**	**C14172**	**0.60**	**0.549**	**1/8" 20% cse py vn@30; 1/2" pk carb in chl@30**		
BG11-182	143.90	145.00	C14173	1.10	0.206			
BG11-182	145.00	145.50	C14174	0.50	<.03	0.1m hily bl'd centred on 1/8" 10% cse py vn assd w ser-chl@30		
BG11-182	145.50	146.90	C14175	1.40	<.03	3* 1/8" 10% cse py vn assd w ser-chl@30; ct		
BG11-182	146.90	147.95	C14176	1.05	0.137	5% spec@45		
BG11-182	153.00	153.60	C14177	0.60	<.03	1/8" 30% cse py vn@70-primary?		
BG11-182	157.60	158.70	C14178	1.10	0.206			
BG11-182	**158.70**	**159.75**	**C14179**	**1.05**	**0.823**	**1/8" ank-chl vn w 5% cse d py@30**		
BG11-182	159.75	160.45	C14180	0.70	<.03	0.25m mody hem'd w 3% cse clots py assd w ser-chl@45; 0.15m hily bl'd@35		
BG11-182	160.45	162.15	C14181	1.70	<.03			
BG11-182	162.15	163.00	C14182	0.85	0.206	0.1m hily bl'd assd w ser-chl-ank@50 imm prec by 1/2" 30% cse py vn imm prec by 1/2" pa gy qv w 5% cse d py		
BG11-182	163.00	164.50	C14184	1.50	<.03	1/2" pa gy sil-ank vn@35 w 2% cse d py		

Hole_ID	From	To	Sample_#	Length	Au ppm	Description	Au ppm_ck	Au ppm-ck2
BG11-182	164.50	165.35	C14185	0.85	<.03	1/2" carb-ank-sil vn w 30% cse d py@30		
BG11-182	165.35	166.60	C14186	1.25	<.03	5% cse d py		
BG11-182	166.60	167.55	C14187	0.95	0.069	0.4m mody bl'd w 6-8% cse d py+5* 1/8" 40% cse py vn's@45		
BG11-182	167.55	168.60	C14188	1.05	0.069	3% cse d py		
BG11-182	168.60	169.75	C14189	1.15	0.069	5% q-ank vuggy vn's@30-45 along chl fract's in hily bl'd w 6-8% cse d py		
BG11-182	169.75	171.10	C14190	1.35	<.03			
BG11-182	171.10	172.30	C14191	1.20	0.480	0.05m hily vuggy+bl'd w 3% cse d py@30		
BG11-182	**172.30**	**173.00**	**C14192**	**0.70**	**0.549**	**1/2" 40% cse py vn@45**		
BG11-182	173.00	174.45	C14194	1.45	0.069			
BG11-182	176.30	178.10	C14196	1.80	0.480	0.1m mody sil'd dk gy w 10% cse d py@55; 3% cse d py; 1/4" dk gy sil'd@45 w 5% cse d py		
BG11-182	178.80	179.30	C14197	0.50	0.411	7% cse d py assd w chl+sil'n in BC		
BG11-182	185.10	186.05	C14198	0.95	<.03			
BG11-182	186.05	186.55	C14199	0.50	0.343	0.2m hily sil'd dk gy @80 w 8% cse d py ending on 1/4" 30% cse py vn		
BG11-182	186.55	187.50	C14200	0.95	0.069	0.05m mody bl'd@80		
BG11-182	191.90	192.70	C14201	0.80	<.03			
BG11-182	192.70	193.35	C14202	0.65	0.343	1" dk gy hily sil'd @75 w chl+20% cse d py		
BG11-182	193.35	194.00	C14204	0.65	0.274	ct		
BG11-182	195.50	196.20	C14205	0.70	0.411	1/8" 30% cse py vn@45		
BG11-182	196.20	196.90	C14206	0.70	0.069			
BG11-182	196.90	197.75	C14207	0.85	3.394	1" ank-carb-chl vn w 15% cse d py@45	2.95	3.84
BG11-182	198.40	199.10	C14208	0.70	0.069	ct; 5% ser'n@40		
BG11-182	204.60	205.50	C14209	0.90	<.03	0.05m bull q-ank vn@45; 1" ser'd@45		
BG11-182	209.30	210.50	C14210	1.20	<.03	ct		
BG11-182	210.50	211.45	C14211	0.95	<.03	20% q-ank in BC; ser'd; 3% cse d py		
BG11-182	211.45	212.80	C14212	1.35	<.03	3% cse d py		
BG11-182	212.80	213.80	C14213	1.00	<.03	3% cse d py		
BG11-182	213.80	215.00	C14214	1.20	0.274	8% cse d+bleb py; 1" 40% cse py vn@35		
BG11-182	215.00	215.75	C14215	0.75	0.480	10% cse d+bleb py; 1" 60% cse py vn@40 in med gy sil'n vn		
BG11-182	215.75	217.10	C14217	1.35	<.03	3% cse d py		
BG11-182	222.70	224.00	C14218	1.30	<.03	anorthositic; 5-8% cse d +bleb py		
BG11-182	224.00	225.40	C14219	1.40	<.03	anorthositic; 5-8% cse d +bleb py		
BG11-182	225.40	226.60	C14221	1.20	<.03	anorthositic; 5-8% cse d +bleb py; 0.1m hily bl'd w 12% cse d py@78 assd w ank-chl		
BG11-182	226.60	227.40	C14222	0.80	<.03			
BG11-182	227.40	227.90	C14223	0.50	<.03	1" dk gy chlc sil'd vn@75 w 10% cse d py		
BG11-182	227.90	228.80	C14224	0.90	<.03			
BG11-182	228.80	229.50	C14225	0.70	<.03	1/4" dk gy chl-sil vn@40 w 10% cse d py		
BG11-182	229.50	230.00	C14226	0.50	<.03			

Hole_ID	From	To	Width	Fault_Type	Fault_Modifier	Fault_Intensity	Core Angle	Comments
BZ11-38	32.10	32.50	0.4	flt	chl-ser	wk	10	
BZ11-39	55.57	55.63	0.06	flt	talc-chl	str	35	1/2" gouge
BZ11-39	65.60	65.65	0.05	flt	talc-chl	mod	30	GC-likely flt
BZ11-40	54.26	54.33	0.07	flt	chl	str	37	3/4" gouge
BZ11-40	150.65	150.70	0.05	flt	chl-ox'd	wk	45	
BZ11-40	181.70	181.75	0.05	shr	chl-ox'd	wk	45	
BZ11-41	13.08	17.50	4.42	Fracture	dk mineral - black streak, py	mod		variable angles 0, 35, 40, 55 to 65 deg TCA
BZ11-41	18.40	18.41	0.01	Slip	Flt-slip	weak	45	
BZ11-41	22.20	22.30	0.1	Shear	grey qtz+qtz+qtzdol	mod	35	
BZ11-41	27.50	27.70	0.2	Shear	grey qtz+ qtz-dol+py	weak	40	
BZ11-41	28.00	28.19	0.19	Shear	3cm wide early grey qtz+py and 7cm wide qtz-dol+black metallic mineral	mod	50	
BZ11-41	31.70	34.40	2.7	Shear	ductile-brittle, 25-35% grey qtz+ crosscutting to shear late white qtz-dol+ py+ possible mo	strong		variable angles 45 to 65 deg TCA
BZ11-41	36.90	36.93	0.03	Shear	sil+ py	mod	50	
BZ11-41	37.30	37.40	0.1	Shear	grey sil + py	mod	45	
BZ11-41	44.15	44.20	0.05	Slip	qtz	weak	25	
BZ11-41	50.40	50.41	0.01	Slip	qtz+carb	weak	45	
BZ11-41	58.70	58.80	0.1	Flt	qtz+qtz-carb	mod	60	
BZ11-42	5.80	5.84	0.04	SLIP	ox'd-chl-ank	mod	45	
BZ11-42	6.30	6.34	0.04	SLIP	ox'd-chl-ank	mod	30	
BZ11-42	48.17	48.23	0.06	flt	chl	str	35	1/8" gouge
BZ11-42	52.55	52.60	0.05	slip	chl	str	54	
BZ11-43	22.60	28.80	6.2	LC				3.5m LC-if this is not boulder material
BZ11-43	34.70	34.90	0.2	LC				
BZ11-43	64.40	64.43	0.03	flt	chl-talc	str	44	1/8" gouge
BZ11-43	79.35	79.38	0.03	flt	chl	mod	36	
BZ11-43	221.25	221.30	0.05	flt	chl-carb	mod	29	slicks
BZ11-43	228.40	228.45	0.05	flt	chl-carb-talc	mod	22	
BZ11-44	35.80	36.40	0.6	shr	chl	mod	52	
BZ11-44	84.95	85.00	0.05	slip	chl	mod	30	
BZ11-44	116.70	117.00	0.3	flt	chl-talc	str	40	3/4" gouge
BZ11-44	115.80	115.83	0.03	flt	chl-talc	str	35	1/2" gouge

Hole_ID	From	To	Width	Fault_Type	Fault_Modifier	Fault_Intensity	Core Angle	Comments
BZ11-44	137.00	137.04	0.04	flt	chl-talc	str	37	
BZ11-44	183.00	183.03	0.03	flt	chl	mod	55	
BZ11-44	219.80	219.83	0.03	slip	chl-carb	mod	30	
BZ11-45	49.80	49.83	0.03	flt	chl	str	47	
BZ11-45	59.45	59.48	0.03	flt	chl	str	50	1/8" gouge
BZ11-45	106.25	106.28	0.03	flt	chl	mod	63	
BZ11-45	181.60	181.64	0.04	slip	chl-carb	mod	71	
BZ11-45	207.60	207.64	0.04	slip	chl-carb	wk	35	
BZ11-45	321.60	321.64	0.04	flt	chl	str	35	1/8" gouge
BZ11-45	322.60	322.70	0.1	flt	chl	str	35	all gouge
BZ11-46	34.80	34.84	0.04	flt	chl-ox'd	mod	50	
BZ11-46	31.90	31.95	0.05	slip	chl	str	20	

Hole_ID	From	To	Width	Fault_Type	Fault_Modifier	Fault_Intensity	Core Angle	Comments
ML11-01	4.60	6.20	1.60	Blocky Ground	rubble in places			
ML11-01	8.25	8.30	0.05	Flt	carb+chl	weak	85	
ML11-01	10.15	10.20	0.05	Flt	epi+qtz+bx	mod	55	
ML11-01	13.50	13.60	0.10	Flt	qtz+calcite+chl	weak	90	
ML11-01	27.00	30.00	3.00	Blocky Ground				
ML11-01	33.80	33.81	0.01	Flt	qtz	weak	90	
ML11-01	35.30	35.31	0.01	Flt	qtz+chl at Congl-FP contact	weak	85	
ML11-01	48.40	59.00	10.60	Blocky Ground				
ML11-01	59.45	59.56	0.11	Flt	gouge+qtz+calcite+chl +py	strong	60	
ML11-01	64.20	64.23	0.03	Slip	calcite	weak	35	
ML11-01	63.43	63.46	0.03	Flt	breccia+epi+carb	weak	30	
ML11-01	74.50	74.52	0.02	Fracture	healed with qtz+carb+chl	weak	80	
ML11-01	86.40	86.70	0.30	Fracture	carb+calcite+chl	weak	40	
ML11-01	103.45	103.46	0.01	Flt	carb+chl	weak	90	
ML11-01	108.00	108.30	0.30	Blocky Ground				
ML11-01	148.30	151.00	2.70	Flt	chl+bx+calcite+qtz vn'ing	strong	0	flt-slip
ML11-01	156.00	159.80	3.80	Flt	chl+bx+calcite+qtz vn'ing	strong	0	possible same Flt as in 148.3 to 151m
ML11-01	168.90	168.91	0.01	Flt	carb+calcite+chl	weak	50	
ML11-01	170.60	171.40	0.80	Flt	red oxy'd hem+calcite+chl+qtz+ minor cpy	strong	5	3-5% py surrounding flt in matrix
ML11-01	179.85	179.90	0.05	Flt	carb+calcite+chl	mod	25	
ML11-01	187.50	187.51	0.01	Flt	carb+calcite+chl	weak	70	
ML11-01	187.70	187.73	0.03	Flt	healed with carb +chl+calcite	mod	30	
ML11-01	189.70	189.71	0.01	Flt	carb+calcite+chl	weak	0	
ML11-01	192.00	192.50	0.50	Shear	chl slips+calcite vn's+fg py	mod	20	
ML11-01	195.25	204.00	8.75	Shear	ductile	strong	20	Shear Zone 10-30 deg TCA; Py Zone 201.5 to 204m
ML11-01	230.50	230.51	0.01	Slip	qtz+calcite+chl vn	mod	30	
ML11-01	232.90	233.30	0.40	Fracture	red-brown oxy'd alt'n hem? + qtz vn +carb frac's+ py	mod		1 cm wide grey -white qtz vn at 35 deg TCA
ML11-01	234.70	235.30	0.60	Flt	chl gouge+carb frac'ing	strong	25	

Hole_ID	From	To	Width	Fault_Type	Fault_Modifier	Fault_Intensity	Core Angle	Comments
ML11-01	236.00	250.00	14.00	Blocky Ground	broken along slips			
ML11-01	258.40	258.60	0.20	Slip	qtz+py	mod	20	
ML11-01	259.70	260.20	0.50	Slip	qtz+py	mod	15	
ML11-01	267.90	267.91	0.01	Flt	chl+carb	weak	90	
ML11-01	269.45	269.49	0.04	Slips	epi+carb	weak	20	
ML11-01	279.00	285.00	6.00	Blocky Ground				
ML11-01	282.3	282.33	0.03	Flt	calcite+ carb+chl	weak	85	
ML11-01	303.30	303.31	0.01	Flt	carb+calcite+chl	mod	45	
ML11-01	315.90	317.70	1.80	Flt	calcite+chl	mod	0	
ML11-01	320.30	320.60	0.30	Flt	calcite+chl	mod	10	
ML11-01	323.60	323.63	0.03	Flt	carb+chl	mod	40	
ML11-01	325.00	335.80	10.80	Blocky Ground				
ML11-01	337.20	337.70	0.50	Flt	ser+sil+dol+chl	strong	15	
ML11-01	342.30	342.32	0.02	Flt	carb+calcite+chl+ser	strong	40	
ML11-01	359.00	359.10	0.10	Flt	gouge+chl+calcite	weak	35	
ML11-01	360.40	360.50	0.10	Flt	calcite	mod	20	
ML11-01	370.50	370.51	0.01	Slip	calcite+chl	weak	50	
ML11-01	380.70	381.10	0.40	Fracture	qtz+calcite+dol+chl	weak	55	
ML11-01	382.40	382.50	0.10	Flt	carb+calcite+chl	mod	10	
ML11-01	383.50	383.56	0.06	Flt		weak		possible Flt or qtz+chl+calcite vn
ML11-01	387.00	387.20	0.20	Flt	carb+calcite+chl	mod	25	
ML11-01	392.30	392.33	0.03	Flt	carb+qtz+gouge	mod	65	
ML11-01	405.30	405.31	0.01	Slips	calcite+carb+chl	weak	30	
ML11-01	407.16	407.40	0.24	Flt	qtz+dol+chl	strong	30	
ML11-01	430.90	430.93	0.03	Flt	carb+calcite+chl	mod	40	
ML11-01	444.40	451.40	7.00	Fracture	ser+carb and qtz vn'ing	mod	35	
ML11-01	446.00	446.01	0.01	Slip	carb+chl	mod	25	
ML11-01	479.00	479.30	0.30	Shear	localized with carb+chl+8-10% py	strong	25	
ML11-01	486.80	486.81	0.01	Slip	chl+mo, adjacent calcite+chl vn	mod	5	
ML11-01	487.40	490.00	2.60	Flt	mo+chl+calcite+qtz vn'ing	strong	0	
ML11-01	499.10	500.00	0.90	Fracture	brittle frac's with qtz + perv carb alt'n	mod	65	
ML11-02	5.50	6.50	1.00	Blocky Ground				
ML11-02	29.50	29.52	0.02	Flt	calcite+carb+epi	weak	45	
ML11-02	37.10	37.11	0.01	flt	epi+carb	weak	75	
ML11-02	40.50	40.52	0.02	slip	carb+chl	weak	85	

Hole_ID	From	To	Width	Fault_Type	Fault_Modifier	Fault_Intensity	Core Angle	Comments
ML11-02	63.90	64.50	0.60	Flt	bx+qtz+dol	strong	45	flt'ing at 45 and 20 deg TCA; flting may have displaced Cngl unit into FP
ML11-02	86.97	87.00	0.03	Flt	healed with qtz + carb+chl	mod	90	
ML11-02	119.50	120.00	0.50	Flt	carb+chl+epi	weak	5	
ML11-02	135.90	136.00	0.10	Flt	blue chl+qtz+calcite	mod	25	
ML11-02	140.80	140.95	0.15	Flt	breccia+chl+calcite +qtz vn		20	
ML11-02	150.42	150.44	0.02	Slip	chl+carb	weak	60	
ML11-02	172.60	172.80	0.20	Shear	carb+calcite+chl	strong	75	
ML11-02	180.50	194.20	13.70	Blocky Ground				
ML11-02	195.00	195.01	0.01	Flt	carb+chl	weak	20	
ML11-02	215.00	233.00	18.00	Blocky Ground				
ML11-02	234.50	235.50	1.00	Flt	calcite +qtz+py	mod	0	
ML11-02	287.90	288.50	0.60	Shear	perv carb+ ser, brittle frac'ing+ 3-5% py	mod	70	
ML11-02	307.20	307.23	0.03	Slip	carb+calcite	weak	15	
ML11-02	347.00	347.03	0.03	Slip	calcite+chl	weak		core broken
ML11-02	349.00	349.05	0.05	Flt	calcite+chl	mod		flt at 80 and 65 deg TCA
ML11-02	351.55	352.30	0.75	Flt	multiple suparallel flts with chl+ adjacent carb+dol vn'ing	strong		flt-slips at 40 to 60 deg TCA
ML11-02	357.20	357.60	0.40	Slip		weak	10	
ML11-02	358.00	358.01	0.01	Flt	chl+ calcite+carb vn	weak	55	
ML11-02	359.70	361.00	1.30	Slip	chl	mod	0	
ML11-02	383.90	384.70	0.80	Flt		mod		383.9 to 384.76m flt-slip zone at 20, 25, 55 and 70 deg TC, 3-5% mg py in chl frac's from 384.76 to 385.1m;
ML11-02	416.56	416.57	0.01	Flt	carb+chl	weak	80	
ML11-02	432.00	464.00	32.00	Shear	see decription in Litho			
ML11-02	520.30	520.31	0.01	Slip	0.5cm carb vn+ser	weak	45	
ML11-02	522.15	522.16	0.01	Flt	chl+carb	weak	90	
ML11-03	9.50	9.52	0.02	Flt	carb+chl+rubble	weak	45	
ML11-03	27.47	27.81	0.34	Shear	qtz+dol+chl	weak	60	
ML11-03	40.40	40.70	0.30	Flt	angular bx cemented with white carb + gouge	strong	50	
ML11-03	43.20	43.40	0.20	Fracture	calcite vn+ chl	mod	0	

Hole_ID	From	To	Width	Fault_Type	Fault_Modifier	Fault_Intensity	Core Angle	Comments
ML11-03	45.60	46.30	0.70	Shear	shear-fracture with qtz+dol+chl+ser	mod		0 and 50 deg TCA
ML11-03	63.30	63.60	0.30	Slip	calcite+carb+chl	weak	5	
ML11-03	69.90	73.60	3.70	Slip	white carb+qtz+chl+py	mod	0	
ML11-03	136.00	136.10	0.10	Shear	weak	weak	75	
ML11-03	**147.00**	**147.01**	**0.01**	**Blocky Ground**				**Bad Blocky Ground from 147 to 268.6m**
ML11-03	149.20	149.21	0.01	Slip	chl + carb	weak	60	
ML11-03	262.40	283.10	20.70	Shear	fracture zone+ ser+oxy'd spec hem alt'n	strong	20	
ML11-03	288.00	288.01	0.01	Blocky Ground				**Bad Blocky Ground from 288 to 315m**
ML11-04	12.25	12.30	0.05	Fracture	qtz+dol	weak	80	
ML11-04	17.60	20.20	2.60	Fracture	sil+dol+chl+spec hem	mod	80	
ML11-04	24.00	36.00	12.00	Shear	red oxy'd hem+sil+dol+chl+ser	strong	55	strong shearing from 24 to 24.5, 27 to 27.2, 29.4 to 29.8 and 35.3 to 36m; shearing at 45 to 60 deg TCA
ML11-04	54.40	54.52	0.12	Flt	qtz+calcite+chl+py	mod	45	
ML11-04	55.52	55.53	0.01	Flt	calcite+chl	mod	70	
ML11-04	62.40	62.70	0.30	Shear	calcite+chl in stress frac's	mod	30	
ML11-04	65.80	68.70	2.90	Fracture	Shear-fracture zone - red oxy'd hem+chl+bx	strong	90	sheared+bx sections from 66.8 to 67, 67.9 to 68, 68.47 to 68.5m at 90 deg TCA
ML11-04	72.80	73.00	0.20	Slip	frac-slips+chl	weak	85	
ML11-04	82.90	82.91	0.01	Slip	carb+calcite vn	weak	80	
ML11-04	93.20	93.21	0.01	Shear	slips+chl	weak	70	
ML11-04	93.65	93.66	0.01	Slip	carb+calcite+chl vn	weak	60	
ML11-04	97.60	97.61	0.01	Slip	chl slickensides	weak	55	
ML11-04	127.30	127.40	0.10	Flt	strong - angular bx with white carb cement	strong		core broken at Flt - flt similar to Flt encountered in ML11-03 at 40.4 to 40.7
ML11-04	136.60	136.70	0.10	Flt	calcite+carb+chl	mod	55	
ML11-04	137.60	137.63	0.03	Slip	3cm wide calcite vn+chl margins	weak	60	
ML11-04	140.70	140.71	0.01	Flt	calcite+chl	weak	50	
ML11-04	143.97	144.03	0.06	Flt	4cm wide qtz+dol vn+chl+ser on margins	mod	65	possible parallel zone to Bidgood #1 Flt-Vein

Hole_ID	From	To	Width	Fault_Type	Fault_Modifier	Fault_Intensity	Core Angle	Comments
ML11-04	146.10	146.60	0.50	Flt	Bidgood #1 Zone - Flt Bx with carb+ 3-5% diss py + 14cm wide qtz+dol vn+ ser+chl	strong	50	Bidgood #1 Zone at Contact Syenite-FP
ML11-04	150.30	150.31	0.01	Slip	chl	weak	65	
ML11-04	154.60	154.90	0.30	Slip	multiple slips	weak		at 65 to 85 deg TCA
ML11-04	161.70	161.80	0.10	Flt	chl+qtz+dol	mod	60	
ML11-04	175.00	175.20	0.20	Flt	slips+flt bx+chl in frac's + pink calcite vn'ing	strong	90	
ML11-04	176.95	177.03	0.08	Flt	qtz+calcite+chl	mod	60	
ML11-04	181.65	181.75	0.10	Flt	chl+calcite+qtz	mod	65	
ML11-04	188.90	189.10	0.20	Flt	possible Flt, rubble for 3cm; 1 and 2 cm wide qtz vn's at 60 deg TCA	mod	60	
ML11-04	197.85	198.00	0.15	Flt	chl+ser+ pink calcite vn	strong	65	
ML11-05	13.45	13.48	0.03	slip	chl	strong	79	
ML11-05	18.80	18.83	0.03	slip	chl	mod	68	
ML11-05	22.30	22.33	0.03	flt	chl	strong	56	
ML11-05	22.85	22.88	0.03	flt	chl	strong	62	
ML11-05	26.10	26.13	0.03	brk	chl	mod	62	
ML11-05	28.55	28.80	0.25	Flt	chl	strong	57	
ML11-05	32.70	32.73	0.03	flt	chl	strong	55	1/4" gouge
ML11-05	48.80	49.00	0.20	Flt	chl	mod	22	
ML11-05	60.60	60.63	0.03	Flt	chl	mod	62	
ML11-05	35.50	35.53	0.03	slip	chl	strong	50	
ML11-05	80.95	81.00	0.05	Flt	chl	strong	44	poss gouge
ML11-05	85.10	85.15	0.05	Flt	chl	strong	22	
ML11-05	94.80	94.83	0.03	Flt	chl	strong	55	1/8" gouge*2
ML11-05	111.95	111.98	0.03	Flt	chl	mod	72	
ML11-06	4.47	4.50	0.03	Flt	sil+dol	strong	60	
ML11-06	10.20	10.80	0.60	Flt	pink carb+spec hem	weak	5	
ML11-06	14.33	14.53	0.20	Shear	pink carb+chl+ser	mod	55	
ML11-06	17.00	17.04	0.04	Flt	pink carb+dol+chl	mod	90	
ML11-06	21.77	21.79	0.02	Flt	sil+dol	weak	55	

Hole_ID	From	To	Width	Fault_Type	Fault_Modifier	Fault_Intensity	Core Angle	Comments
ML11-06	21.79	56.00	34.21	Fracture	qtz+dol+spec hem in non penetrative and penetrative frac's	strong		Predom frac'ing at 45 to 55 deg TCA; Flt at 27.6m at 65 deg TCA, and 27.85 at 45 deg TCA; Strong Flt at 33m at 50 deg TCA with chl + bx; 46.1m Flt-slips at 25 deg TCA; 47.5m Flt bx at 40 deg TCA
ML11-06	62.30	62.50	0.20	Flt	gouge+bx+chl	strong	25	
ML11-06	**73.30**	**73.36**	**0.06**	**Flt**	**qtz+calcite+20% py+cpy**	**strong**	**25**	**blocky broken core- 5-15% diss py from 73.2 to 73.8m**
ML11-06	77.00	77.15	0.15	Flt	carb+bx	mod	15	
ML11-06	82.60	82.61	0.01	Flt	carb+chl	weak	55	
ML11-06	88.20	88.25	0.05	Flt	carb+chl	strong	70	
ML11-06	91.10	91.13	0.03	Flt	carb+chl	weak	35	
ML11-06	95.20	95.30	0.10	Flt	carb+qtz+chl	mod		30 and 45 deg TCA
ML11-06	100.75	100.76	0.01	Flt	carb+chl	weak		60 and 35 deg TCA
ML11-06	102.54	102.55	0.01	Flt	carb+chl	weak	30	
ML11-06	102.85	102.86	0.01	Flt	carb+chl	weak	45	
ML11-06	109.40	109.50	0.10	Flt	qtz+carb+chl+graphite +fg py	strong	35	
ML11-06	127.20	127.25	0.05	Flt	chl+carb	weak	35	
ML11-06	135.40	135.70	0.30	Flt	13cm wide calcite+qtz+3-5% mg py+chl+bx+multipole slips	strong	50	
ML11-06	172.10	179.30	7.20	Shear	Bidgood #1 Zone - weak, ductile to brittle	weak		see description in Lithology; 171.5m Flt at 40 deg TCA with calcite+bx; 172.9 flt bx in calcite at 55 deg TCA; 173.8 to 173.9 m 0 deg TCA Flt-Slip; 175.7 flt bx in calcite at 35 deg TCA; 176.4m 15 deg TCA Flt with qtz+ank; 177.9m flt-slip at 35 deg TCA with qtz+ank+chl; 178.9m flts at 70 and 20 deg TCA with high angle flt later than low angle flt; 179.3m flt bx at 20 deg TCA in calcite +qtz
ML11-06	182.10	185.40	3.30	Shear	Bidgood #1 Zone - probably Main Zone	strong		see description in Lithology; at 184.1 flt bx at 25 and 40 deg TCA; at 185.4 strong flt at 20 to 30 deg TCA with qtz+ank+chl+py
ML11-06	190.30	190.32	0.02	flt	carb+qtz+chl	mod	40	
ML11-06	198.50	200.20	1.70	Slip	qtz+carb+chl	weak		slips at 20 to 40 deg TCA confined with <3mm wide vn's

Hole_ID	From	To	Width	Fault_Type	Fault_Modifier	Fault_Intensity	Core Angle	Comments
ML11-06	210.30	214.80	4.50	Slip	qtz+dol+carb+chl	mod		multiple qtz+dol+carb+chl vn's up to 1 cm wide at 40 to 50 deg TCA with a late 0 deg TCA slip offsetting vn's approx 2cm; probable weak flt at 211.6m at 40 deg TCA healed with carb+qtz+dol+chl
ML11-06	220.90	222.10	1.20	Fracture	dol+carb+chl	mod		predominantly at 40 to 55 deg TCA at 221.75 probable Flt -bx weak at 20 deg TCA with chl + carb
ML11-06	224.00	228.70	4.70	Fracture	dol+chl+qtz	mod		fractures at variable angles predom 35 to 45 deg TCA
ML11-06	236.50	237.00	0.50	Slip	Flt-slip -gouge+chl	weak	10	tight slip, offsets grey qtz vn by 10 cm
ML11-07	6.00	6.02	0.02	Slip	chl	mod		10 deg and 50 deg TCA
ML11-07	11.55	11.60	0.05	Flt	Flt Bx with adjacent qtz+dol vn	mod	55	
ML11-07	14.00	15.20	1.20	Shear	Flt at 14.3m with bx +chl; shear ductile-brittle + py+chl+ser	strong	55	
ML11-07	35.80	37.50	1.70	Shear	ornage brown perv oxy'd hem with py	mod	30	
ML11-07	63.00	63.50	0.50	Flt	gouge-mud	mod	5	
ML11-07	80.45	80.50	0.05	Flt	ch+bx	weak	20	
ML11-07	82.80	82.82	0.02	Flt	carb+chl	weak	65	
ML11-07	83.85	83.86	0.01	Slip	chl	weak	50	
ML11-07	87.50	87.51	0.01	Slip	flt-slip+chl+carb	weak	75	
ML11-07	88.35	88.36	0.01	Slip	flt-slip+chl+carb	weak	75	
ML11-07	89.25	89.26	0.01	Slip	gouge	weak		broken core
ML11-07	97.90	97.92	0.02	Flt	bx+qtz+dol	mod	35	
ML11-07	99.40	99.43	0.03	Slip	chl+carb vn	weak	65	
ML11-07	99.70	99.75	0.05	Slip	carb vn	mod	65	
ML11-07	100.50	100.51	0.01	Slip	chl+carb	weak	45	
ML11-07	101.50	101.51	0.01	Slip	chl+carb	weak	45	
ML11-07	103.80	103.82	0.02	Slip	flt+calcite+carb+chl	mod	55	
ML11-07	107.20	107.50	0.30	Shear	carb+calcite+qtz+chl	strong	40	tr py
ML11-07	122.80	123.00	0.20	Flt	rubble-gouge? Possible fault			
ML11-07	128.65	129.00	0.35	Shear	Shear-Flt+chl+carb	strong	35	
ML11-07	136.60	137.70	1.10	Shear	chl+carb+calcite slips	mod	85	136.6m flt slip at 45 deg TCA; 137.2 to 137.7 flt with chl+carb+gouge at 0 to 5 deg TCA

Hole_ID	From	To	Width	Fault_Type	Fault_Modifier	Fault_Intensity	Core Angle	Comments
ML11-07	139.50	140.01	0.51	Shear	20% pink qtz at 0-30 deg TCA; 30-40% dol+chl+qtz vn'ing at 45 to 55 deg TCA	strong		Bidgood #1? Zone
ML11-07	142.20	142.32	0.12	Slips	parallel slips with chl+adjacent carb+dol+qtz vn's	mod	55	
ML11-07	145.70	146.90	1.20	Shear	Shear-Flt Bx - ser+carb+chl	strong	30	Bidgood #1 Zone?, 2- flt bx at 146.05 and 146.2m at 30 and 25 deg TCA with carb+dol+bx
ML11-07	150.60	150.72	0.12	Flt	bx+carb+calcite	strong	5	
ML11-07	151.30	151.40	0.10	Slips	ser+chl+carb+dol vn	weak	45	
ML11-07	153.60	153.80	0.20	Flt	bx + parallel slips with chl+ 2cm wide grey qtz vn	mod	40	grey qtz vn at 55 deg TCA
ML11-07	161.90	161.10	-0.80	Flt	bx - more crack & fill appearance	weak	30	
ML11-07	169.90	169.93	0.03	Breccia	bx+ qtz healing at FP-Syn contact	mod	85	flt-slip at 170.18m at 75 deg TCA with chl+carb
ML11-07	185.50	185.70	0.20	Foliation	ser+chl	mod	50	
ML11-07	188.06	188.06	0.00	Slip	chl+dol	weak	90	
ML11-08	531.50	537.50	6.00	Shear	brittle+ chl+ser	weak	40	
ML11-08	538.60	538.80	0.20	Flt	chl+bx	strong	15	
ML11-08	548.20	548.35	0.15	Flt	carb+chl	mod	20	
ML11-08	554.00	554.70	0.70	Breccia	tectonic breccia	strong	20	
ML11-08	568.80	569.20	0.40	Breccia	tectonic breccia healed with brown carb	strong		low angle, core is badly broken; breccia discordant with bedding
ML11-08	579.30	579.32	0.02	Flt	calcite+grey qtz+ chl	mod	55	
ML11-08	*583.50*	*584.80*	*1.30*	*Fracture*	*50% carb+ calcite+ sil + chl + cpy + moly?*	*strong*		*fracturing starts at 50 deg TCA and finishes at 15 deg TCA*
ML11-08	598.50	598.52	0.02	Flt	pink calcite+carb+chl	mod	55	Congl-FP contact
ML11-08	622.70	625.50	2.80	Shear	flt bounded shear	weak		Flt bounded shear-frac'd zone with network brittle frac's with dk chl? and brown-pink carb minor spec hem, occasional cpy at variable angles with later low angle grey qtz+calcite vn'ing at 10 to 20 deg TCA with occasional spec of cpy; Flt angles at 45 to 55 deg TCA
ML11-09	7.47	7.48	0.01	Flt	dol+carb+bx	weak	70	

Hole_ID	From	To	Width	Fault_Type	Fault_Modifier	Fault_Intensity	Core Angle	Comments
ML11-09	12.70	12.71	0.01	Flt	dol+carb	weak	45	
ML11-09	13.70	13.71	0.01	Flt	dol+carb	weak	70	
ML11-09	32.80	32.85	0.05	Flt	gouge+carb vn			
ML11-09	34.30	34.43	0.13	Flt	qtz+calcite+cpy	mod	85	
ML11-09	49.05	49.05	0.00	Flt	gouge - broken core	weak		
ML11-09	74.60	74.62	0.02	Flt	dol+chl+qtz	weak	90	
ML11-09	90.40	90.41	0.01	Slip	adjacent qtz+dol+carb vn	weak	10	
ML11-09	94.90	95.05	0.15	Flt	chl+carb	weak	20	
ML11-09	95.70	95.71	0.01	Flt	chl with adjacent 18cm wide qtz+minor dol	weak	15	
ML11-09	100.50	100.70	0.20	Slip	chl	weak	15	10 to 20 deg TCA
ML11-09	123.87	123.89	0.02	Flt	carb+chl	weak	25	
ML11-09	140.80	146.40	5.60	Shear	predominantly fabric fol'n + perv ser + chl + fuchsite + brittle frac's	strong	40	30 to 50 deg TCA
ML11-09	153.60	155.10	1.50	Shear	ductile	strong		40 to 90 deg TCA
ML11-09	156.80	157.60	0.80	Shear	fabric fol'n	strong		30 to 55 deg TCA
ML11-09	159.80	159.85	0.05	Flt	scissor flt+ qtz	weak	10	
ML11-09	161.95	161.96	0.01	Flt	adjacent qtz+dol vn	weak	35	
ML11-09	163.45	163.46	0.01	Flt	carb+chl	weak	40	
ML11-09	167.20	170.20	3.00	Breccia	sil hydrothermal bx	strong		
ML11-09	172.50	172.51	0.01	Slip		weak	90	
ML11-09	174.10	174.12	0.02	Flt	qtz+dol	mod	90	
ML11-09	177.60	177.62	0.02	Flt	grey qtz	mod	65	
ML11-09	183.30	183.36	0.06	Breccia	hyrdothermal bx	weak	90	
ML11-09	187.30	187.90	0.60	Breccia	primary bx	weak		
ML11-09	193.40	194.00	0.60	Breccia	primary bx	weak	20	
ML11-09	194.80	195.90	1.10	Breccia	flt breccia + dol+qtz	weak	90	
ML11-09	202.67	202.69	0.02	Flt	dk qtz + cpy+py + chl	weak	85	
ML11-09	207.68	207.84	0.16	Breccia	primary bx	weak	90	
ML11-09	237.10	238.00	0.90	Shear	ser+dk grey qtz+chl+fuchsite	strong	80	
ML11-09	248.95	248.96	0.01	Flt	carb+calcite	weak	90	
ML11-09	249.40	249.45	0.05	Flt	dol+chl+qtz	weak	85	
ML11-09	257.44	257.45	0.01	Flt	qtz+dol	mod	55	
ML11-09	259.00	265.00	6.00	Breccia	healed with grey-white dol+qtz	strong		

Hole_ID	From	To	Width	Fault_Type	Fault_Modifier	Fault_Intensity	Core Angle	Comments
ML11-09	305.40	308.20	2.80	Shear	weak fabric fol'n with bx + later 25 deg TCA frac's	weak		varible angles 25 to 60 deg TCA
ML11-09	315.20	315.30	0.10	Slip	chl+ser+ adjacent qtz vn'ing	weak	65	
ML11-09	371.10	371.11	0.01	Slip	chl narrow shear	weak	70	
ML11-09	375.51	375.54	0.03	Flt	chl+adjacent qtz vn	weak	70	
ML11-09	418.20	418.40	0.20	Shear	weak slips with pink-white carb	mod	20	possible flt at contact with QFP and FP at 418.25m at 20 deg TCA with chl
ML11-09	443.40	443.41	0.01	Flt	chl	weak	25	
ML11-09	448.30	449.60	1.30	Slip	ser	weak	0	
ML11-09	452.80	452.90	0.10	Flt	pink calcite+chl	mod	15	
ML11-09	475.60	478.00	2.40	Shear	frac-shear zone perv ser+chl+ pink calcite+qtz-dol vn'ing	mod	45	shear at 40 to 60 deg TCA; Flt at 477.8m at 45 deg TCA with chl+calcite vn
ML11-09	497.90	497.94	0.04	Flt	sil+calcite vn+ chl	mod	45	
ML11-09	499.85	500.00	0.15	Flt	qtz+dol+chl+cpy	strong	45	
ML11-09	500.80	500.83	0.03	Slip	chl slips with calcite vn	mod	85	
ML11-09	504.50	504.51	0.01	Grind				core blocks say 2m grind but blocks preceding this are in line and no grind evident
ML11-09	517.80	519.20	1.40	Shear	strong fol'n fabric+ser+chl alt'n	mod		shear at 45 to 85 deg TCA
ML11-09	563.70	564.40	0.70	Flt	Flt-slip chl + 3 cm wide qtz+dol+carb	mod	10	
ML11-09	566.20	566.25	0.05	Slip	chl+py+dol+qtz+carb	weak	20	
ML11-09	570.30	571.50	1.20	Slip	multiple slips with variable chl+qtz+dol	mod	80	
ML11-09	576.10	576.13	0.03	Flt	chl	mod	65	
ML11-09	604.10	604.30	0.20	Flt	adjacent qtz+dol vn	strong		at 30 to 50 deg TCA
ML11-09	610.70	614.10	3.40	Flt	Flt-slip along core axis+ calcite+qtz-dol+py+cpy+chl	strong	0	
ML11-09	616.90	617.90	1.00	Flt	chl+clcite+qtz-dol+py+cpy	strong	0	
ML11-09	652.00	652.10	0.10	Flt	broken core - gouge + chl- low angle TCA	strong		probably 0 deg TCA but broken core
ML11-10	5.10	5.11	0.01	Slip	dol	weak	25	
ML11-10	6.40	6.41	0.01	Slip	dol		20	

Hole_ID	From	To	Width	Fault_Type	Fault_Modifier	Fault_Intensity	Core Angle	Comments
ML11-10	9.00	9.30	0.30	Slip	two narrow vn's chl+dol	weak	40	40 and 25 deg TCA
ML11-10	18.40	18.80	0.40	Flt	gouge	strong	10	
ML11-10	21.40	21.41	0.01	Flt	with dol+qtz	weak	40	
ML11-10	26.60	27.20	0.60	Flt	chl+ ser+ gouge	weak	0	
ML11-10	28.15	28.15	0.00	Flt	dol+chl	weak	50	
ML11-10	31.60	31.61	0.01	Flt	gouge	weak	25	
ML11-10	43.00	46.50	3.50	Shear	ductile	strong		45 to 70 deg TCA with later slips at 0-5 deg TCA
ML11-10	46.50	47.00	0.50	Flt	broken core- lost core 20 cm	strong		
ML11-10	47.00	49.30	2.30	Fracture	brittle	strong		
ML11-10	49.30	49.60	0.30	Flt	chl+ser+gouge	strong	10	
ML11-10	51.90	52.10	0.20	Flt	gouge+dol vn'ing+chl	strong	55	
ML11-10	52.70	53.35	0.65	Flt	gouge+chl+dol	strong	65	
ML11-10	90.50	90.52	0.02	Flt	qtz+dol+chl	weak	40	
ML11-10	91.20	91.21	0.01	Slip		weak		
ML11-10	95.38	95.40	0.02	Flt	qtz+dol	weak	55	
ML11-10	100.35	100.60	0.25	Shear	qtz+dol+ser+chl	mod	15	
ML11-10	123.67	123.68	0.01	Slip	dol+chl	weak	50	
ML11-10	127.65	127.67	0.02	Flt	qtz+slips	mod	90	
ML11-10	129.80	130.10	0.30	Shear	brittle	weak	45	flt with adjacent qtz vn + bx-chl at 130.1 at 55 deg TCA
ML11-10	137.15	137.16	0.01	Flt	dol	weak	85	
ML11-10	139.65	139.80	0.15	Slip	5cm wide qtz+dol+chl	weak	30	
ML11-10	151.90	152.35	0.45	Shear	chl+ser	weak	35	
ML11-10	152.94	152.95	0.01	Slip	dol+qtz+chl	weak	70	
ML11-10	155.50	156.30	0.80	Shear	moderate fabric fol'n	mod	60	
ML11-10	157.80	158.06	0.26	Shear	weak brittle shear + slips + 4cm wide dol+qtz vn	weak	65	
ML11-10	160.80	163.80	3.00	Shear	mod to strong fabric fol'n20 to 65 deg TCA	mod		fabric fol'n 20 to 60 deg TCA
ML11-11	4.77	4.80	0.03	Flt	slip at 35 deg TCA with adjacent bx	mod	35	
ML11-11	20.40	20.80	0.40	Slip	chl +qtz+dol+py	weak		one slip at 35 deg TCA and at 0 deg TCA with py
ML11-11	40.00	40.02	0.02	Flt	qtz+dol+chl	mod	90	
ML11-11	41.85	43.50	1.65	Shear	Flt-Shear+ser+15-20% qtz+dol v n'ing	strong		Flt gouge at 41.85m at 85 deg TCA; 43.5m flt-bx at 65 deg TCA

Hole_ID	From	To	Width	Fault_Type	Fault_Modifier	Fault_Intensity	Core Angle	Comments
ML11-11	46.50	46.51	0.01	Slip	chl+carb	mod	20	
ML11-11	52.00	52.03	0.03	Flt	bx+chl	strong	50	
ML11-11	56.40	61.90	5.50	Shear	Flt-shear + ser+10-35% qtz dol vn'ing	mod		slip-flts at 56.4 to 56.7m at 45 and 10 deg TCA; 60.5m 5 deg TCA flt bx
ML11-11	66.00	72.00	6.00	Flt	flt bx broken core rubble+ chl+gouge+15% pink calcite+20% qtz+dol	strong		drill could not proceed through gouge/broken core; stopped hole and steepened dip in ML11-11A
ML11-11A	2.80	3.10	0.30	Slip	chl+qtz-dol	weak	5	
ML11-11A	5.50	5.70	0.20	Shear	qtz+dol+ank-chl+sel+5-7%fg py	strong	40	
ML11-11A	7.20	7.50	0.30	Shear	chl slips	weak	30	
ML11-11A	15.00	15.60	0.60	Flt	multi flts at 15.1m and 15.5m qtz+dol+hydrothermal bx	strong		Flt at varied angles at 61 deg TCA at 15.1m and at 15.5m 55 deg TCA
ML11-11A	19.80	20.00	0.20	Flt	ank+qtz+chl	weak	45	two flt-slips at 19.85 and 20m
ML11-11A	22.00	22.30	0.30	Flt	adjacent qtz+dol vn's	weak		flt slips at 22 and 22.3m at 70 and 50 deg TCA
ML11-11A	24.27	24.30	0.03	Flt	flt-slip adjacent hdrothermal bx	weak	85	
ML11-11A	25.20	25.21	0.01	Slip	chl+qtz-dol0	weak	35	
ML11-11A	25.50	25.60	0.10	Slip	purple qtz+qtz-dol	weak	40	
ML11-11A	26.00	26.10	0.10	Slip	chl+qtz-dol	weak	15	
ML11-11A	29.64	29.66	0.02	Flt	chl+qtz	bx	40	
ML11-11A	32.45	32.47	0.02	Flt	qtz-dol+chl	mod	55	
ML11-11A	40.65	47.90	7.25	Shear	perv chl+ser and variable bx qtz+dol vn'ing	strong		shear is localized in sections at15 and 55 deg TCA with non-sheared sections in between shears
ML11-11A	50.80	51.10	0.30	Shear	ser+chl	strong	45	
ML11-11A	68.30	70.00	1.70	Flt	gouge+chl+rubble	strong		gouge at at 68.3m at 65 deg TCA; RQD=35% with rubble from 69 to 70m
ML11-11A	73.00	74.00	1.00	Flt	chl slips	mod		badly broken core; RQD=45%
ML11-11A	75.36	75.38	0.02	Flt	gouge	strong	35	
ML11-11A	75.38	79.10	3.72	Shear	ser+chl+oxy'd hem	mod		
ML11-11A	97.50	97.51	0.01	Breccia	hydrothermal	weak	40	
ML11-11A	99.50	104.90	5.40	Fracture	qtz+dol vn'ing with perv sil-dol- chl-ser alt'n	mod		crenulation fabric
ML11-11A	119.56	119.59	0.03	Flt	qtz+chl	weak	45	

Hole_ID	From	To	Width	Fault_Type	Fault_Modifier	Fault_Intensity	Core Angle	Comments
ML11-11A	164.80	164.90	0.10	Flt	gouge with carb+calcite vn	mod	20	
ML11-12	2.60	2.61	0.01	Slip	chl+qtz	weak	45	
ML11-12	6.10	6.12	0.02	Flt	slips +qtz-dol vn'ing	weak	85	
ML11-12	**15.00**	**17.80**	**2.80**	**Shear**	**ductile+ser+chl+qtz-dol**	**strong**	**55**	**17.2 to 17.45m flt with 8-15% py**
ML11-12	34.80	35.50	0.70	slip	slip-flt - qtz-dol+chl	weak	0	
ML11-12	45.00	49.64	4.64	Shear	weak fabric+ frac's chl+ser	weak	45	flt gouge rubble starting at 47.7 to contact with syenite; Lost core from 48.5 to 49.6m 1.1m lost
ML11-12	59.00	59.30	0.30	Slip	adjacent 1.5 cm qtz+calcite +chl vn	weak	15	
ML11-12	61.80	61.81	0.01	Slip	qtz+carb+chl	weak	70	
ML11-12	63.90	63.91	0.01	Slip	slip flt carb+chl	weak	75	
ML11-12	85.25	85.40	0.15	Flt	qtz+calcite+chl	mod	55	9 cm wide qtz+calcite vn with cpy; prior to flt 20 deg TCA vn's with strong cpy; 3-5% diss py in matrix and in hairline frac's
ML11-12	112.50	115.10	2.60	Flt	flt-slip chl+carb vn'ing	weak	0	0 to 10 deg TCA
ML11-12	132.40	132.41	0.01	Slip	chl	weak	85	
ML11-12	150.05	150.60	0.55	Slip	carb	weak	65	
ML11-12	174.60	174.61	0.01	Slip	carb	weak	75	
ML11-12	176.80	177.20	0.40	Fracture	carb+chl vn'ing	mod		
ML11-12	195.50	195.51	0.01	Slip	chl	weak	35	
ML11-13	84.80	84.82	0.02	Slip	chl-hem	weak	30	
ML11-13	95.80	95.83	0.03	Shear	ser-chl-hem w fg py min	moderate	50	
ML11-13	97.00	97.60	0.60	Shear	hem-chl-ser w py vns	moderate	30	
ML11-13	134.77	134.79	0.02	Slip	chl w adj qtz vning	weak	60	
ML11-13	136.40	136.42	0.02	Slip	chl-ser	moderate	50	represents contact btw lime green/dk red porphyry; tr chalco
ML11-13	137.53	137.55	0.02	Slip	chl	moderate	45	has adj sil'd brecciated qtz vn representing flt slip
ML11-13	138.43	138.45	0.02	Slip	chl w adj py min	moderate	55	
ML11-13	158.20	158.30	0.10	Shear	ser-chl-dol	moderate	35	
ML11-13	170.60	170.62	0.02	Slip	ser-chl	weak	30	
ML11-13	172.28	172.35	0.07	Shear	ser-chl-hem	weak	45	
ML11-13	177.70	177.72	0.02	Shear	ank-chl	weak	50	
ML11-13	203.08	203.10	0.02	Slip	chl-dol-ank-qtz	moderate	65	
ML11-13	237.18	237.21	0.03	Slip	chl w adj qtz-ank vning	moderate	45	
ML11-13	260.88	260.92	0.04	Slip	ank-chl	weak	85	

Hole_ID	From	To	Width	Fault_Type	Fault_Modifier	Fault_Intensity	Core Angle	Comments
ML11-13	284.30	284.50	0.20	Slip	chl w an adj 2 cm dol-ank-qtz vn	moderate	60	
ML11-13	295.38	295.40	0.02	Slip	chl-ank-qtz	weak	60	
ML11-13	325.85	325.86	0.01	Slip	moly	weak	70	
ML11-13	317.92	317.94	0.02	Slip	chl-chalco	weak	45	
ML11-13	345.55	345.57	0.02	Slip	chl	weak	40	
ML11-13	351.50	351.60	0.10	Slip	qtz-ank w 2-3% diss hem + chalco	weak	55	
ML11-13	423.50	423.52	0.02	Slip	chl-ser	weak	60	
ML11-13	425.93	425.95	0.02	Slip	chl-ser	weak	65	
ML11-13	439.77	439.81	0.04	Slip	chl-dol-ank	moderate	35	
ML11-13	461.97	462.08	0.11	Shear	chl-ser w ank-dol-qtz vns + fg py	moderate	50	
ML11-13	466.40	466.43	0.03	Shear	chl w dol-ank-qtz vning	moderate	60	
ML11-13	467.92	467.94	0.02	Slip	chl-ank-qtz	moderate	40	
ML11-13	472.10	472.11	0.01	Slip	chl-ank w py min'd	strong	80	
ML11-13	495.05	495.08	0.03	Shear	chl-ser w ank-dol-qtz vning + tr fg py	strong	50	
ML11-13	504.75	504.77	0.02	Slip	chl	moderate	85	
ML11-13	522.38	522.40	0.02	Slip	chl-ank	weak	60	
ML11-13	561.61	561.63	0.02	Slip	chl w adj 5 cm ank-dol-chl breccia	moderate	70	
ML11-13	570.73	570.75	0.02	Slip	chl	weak	40	
ML11-13	570.87	570.89	0.02	Slip	chl w adj pk ank-dol vn	moderate	60	
ML11-13	625.35	625.37	0.02	Slip	chl	weak	55	
ML11-13	669.32	669.34	0.02	Slip	chl w adj carb-chl vn	moderate	65	contact btw diorite/sediment and QFP; min'd adj to contact w fg py
ML11-13	676.56	676.58	0.02	Slip	chl slip	moderate	60	contact btw diorite/sed intrusive and QFP
ML11-13	687.90	687.93	0.03	Shear	chl-ser w an adj 2 cm carb vn	strong	60	
ML11-13	688.59	688.60	0.01	Slip	chl-carb w adj 1 cm carb vn	strong	70	
ML11-13	690.06	690.07	0.01	Slip	chl-ser	weak	55	
ML11-13	690.70	690.72	0.02	Slip	chl slip w adj 2 cm carb-chl vn	moderate	50	
ML11-13	702.43	702.44	0.01	Slip	moly-chl w adj 0.5 cm carb vn	moderate	65	
ML11-13	722.30	722.31	0.01	Slip	chl-carb	weak	40	
	739.43	739.45	0.02	Shear	chl w fg py	moderate	70	

Hole_ID	From	To	Width	Fault_Type	Fault_Modifier	Fault_Intensity	Core Angle	Comments
ML11-13	741.40	741.44	0.04	Shear	chl w adj 1 cm qtz vn	moderate	60	
ML11-13	743.99	744.01	0.02	Slip	chl	weak	30	
ML11-13	825.70	826.60	0.90	Shear	chl-carb-ser	strong	50	
ML11-13	832.40	832.95	0.55	Shear	chl-carb w an adj 20 cm chl'd carb vn	strong	35	
ML11-13	840.23	840.33	0.10	Shear	chl-carb-ser	moderate	60	
ML11-13	885.50	888.20	2.70	Ground Core				
ML11-13	897.20	897.22	0.02	Slip	chl	weak	35	
ML11-13	925.82	925.83	0.01	Slip	moly-chl w adj 1 cm qtz-carb vn	moderate	35	
ML11-13	939.73	939.74	0.01	Slip	chl	weak	40	
ML11-13	949.50	951.60	2.10	Shear	ser-chl-carb shear zone w 2-3% fg diss py	strong	45	
ML11-13	965.80	967.20	1.40	Shear	ser-chl w qtz/carb vning	strong	45	includes 1*25 cm zone w >60% grey qtz vning w 5% sulphide
ML11-13	973.70	978.90	5.20	Shear	ser-chl w fuschite clasts + carb vning	strong	45	ass chl slips w shear zone

Hole_ID	From	To	Width	Fault_Type	Fault_Modifier	Fault_Intensity	Core Angle	Comments
BG11-34A	28.50	28.53	0.03	slip	chl	str	50	
BG11-34A	37.55	37.58	0.03	flt	chl	str	60	
BG11-34A	46.45	46.48	0.03	flt	chl	str	71	
BG11-34A	47.80	47.83	0.03	flt	chl	str	42	1/8" gouge
BG11-34A	57.70	57.73	0.03	flt	chl	str	53	
BG11-34A	120.70	120.73	0.03	slip	chl	str	25	
BG11-34A	125.40	125.43	0.03	flt	chl	str	45	
BG11-34A	124.90	124.93	0.03	slip	chl	str	30	
BG11-34A	135.90	135.93	0.03	flt	chl	str	70	1/8" gouge
BG11-34A	151.50	151.53	0.03	flt	chl	str	40	
BG11-34A	152.20	152.23	0.03	flt	chl	str	60	
BG11-34A	154.45	154.48	0.03	flt	chl	str	70	
BG11-34A	178.15	178.18	0.03	flt	chl	str	45	
BG11-34A	175.00	175.03	0.03	flt	chl	str	45	
BG11-35	42.00	43.30	1.3	slip	chl	str	5	
BG11-35	48.30	48.80	0.5	slip	chl	str	10	
BG11-35	57.80	57.83	0.03	slip	chl	str	45	
BG11-35	76.30	76.33	0.03	flt	chl	str	30	slicks
BG10-54	19.30	19.34	0.04	slp	chl	str	38	
BG10-55	58.50	58.60	0.1	slp	chl-carb	mod	25	
BG10-57	18.00	18.04	0.04	slp	chl	mod	37	
BG10-57	37.25	37.28	0.03	flt	chl	str	47	
BG10-75	21.00	21.03	0.03	slp	chl-carb	mod	33	
BG11-74	18.55	18.58	0.03	flt	chl	str	70	
BG11-74	42.40	42.43	0.03	slip	chl	str	30	
BG11-74	49.00	49.03	0.03	slip	chl	str	45	
BG11-74	70.00	70.03	0.03	flt	chl	str	70	
BG11-74	54.05	54.08	0.03	flt	chl	str	41	
BG11-74	81.67	81.70	0.03	flt	chl	str	70	
BG11-74	88.10	88.30	0.2	shr	chl	str	70	
BG11-74	89.35	89.38	0.03	slip	chl	str	60	
BG11-74	91.40	91.43	0.03	flt	chl	str	65	
BG11-74	95.60	95.63	0.03	flt	chl	mod	45	
BG11-74	115.10	115.13	0.03	slip	chl	str	30	
BG11-74	121.70	121.73	0.03	slip	chl	str	35	
BG11-74	125.85	125.88	0.03	flt	chl	str	45	
BG11-74	124.00	124.03	0.03	flt	chl	str	40	
BG11-74	129.60	129.63	0.03	flt	chl	str	80	
BG11-74	139.40	139.43	0.03	flt	chl	str	45	
BG11-74	145.90	145.93	0.03	slip	chl	mod	30	
BG11-74	147.10	147.13	0.03	slip	chl	str	30	
BG11-74	168.90	168.93	0.03	flt	chl	str	45	
BG11-74	233.30	233.33	0.03	slip	chl	str	80	
BG11-74	238.25	238.28	0.03	flt	chl	str	40	
BG11-74	238.85	238.88	0.03	flt	chl	str	70	

Hole_ID	From	To	Width	Fault_Type	Fault_Modifier	Fault_Intensity	Core Angle	Comments
BG11-74	214.00	214.03	0.03	flt	chl	wk	58	
BG11-74	247.25	247.28	0.03	flt	chl	str	45	1/8" gouge
BG11-74	250.90	251.10	0.2	slip	chl	str	10	
BG11-74	253.50	253.70	0.2	slip	chl	str	10	
BG11-74	260.20	260.23	0.03	flt	chl	str	45	
BG11-74	260.60	260.63	0.03	flt	chl	str	30	1/8" gouge
BG11-74	261.65	262.00	0.35	flt	chl	str	43	MAIN BRK
BG11-74	264.10	264.13	0.03	flt	chl	str	45	
BG11-74	265.60	265.70	0.1	shr	chl-ser	str	62	
BG11-74	266.90	267.30	0.4	shr	chl-ser	str	45	
BG11-74	278.90	278.93	0.03	flt	chl	str	35	
BG11-74	292.80	292.83	0.03	flt	chl	str	40	1/8" gouge
BG11-74	311.30	311.33	0.03	flt	chl	str	25	
BG11-74	322.70	322.75	0.05	flt	chl	str	45	
BG11-81	34.65	34.68	0.03	flt	chl	str	65	
BG11-81	42.00	42.03	0.03	flt	chl	str	45	
BG11-81	72.50	72.53	0.03	flt	chl-ank	str	45	
BG11-81	75.30	75.33	0.03	flt	chl	str	85	
BG11-81	78.65	78.68	0.03	flt	chl	str	75	
BG11-82	18.10	18.13	0.03	slip	chl	str	40	
BG11-82	21.00	21.03	0.03	flt	chl	str	45	
BG11-82	70.00	70.03	0.03	flt	chl	str	50	
BG11-82	87.80	87.83	0.03	flt	chl	str	35	
BG11-82	90.00	90.03	0.03	flt	chl	str	30	
BG11-82	92.55	92.58	0.03	flt	chl	str	45	
BG11-82	100.70	100.85	0.15	flt	chl	str	20	
BG11-82	86.20	86.40	0.2	shr	chl-ser-q-ank	str	65	x-flt?
BG11-83	15.15	15.18	0.03	slip	chl	str	60	
BG11-83	38.30	38.33	0.03	flt	chl	str	25	
BG11-83	14.40	14.43	0.03	flt	chl	str	35	
BG11-83	19.20	19.23	0.03	flt	chl	str	60	
BG11-83	49.50	49.53	0.03	flt	chl	str	55	
BG11-83	88.80	88.83	0.03	slip	chl	str	45	
BG11-83	96.10	96.13	0.03	flt	chl	str	25	
BG11-83	101.70	101.73	0.03	flt	chl	str	50	
BG11-83	144.15	144.18	0.03	flt	chl	str	35	
BG11-83	151.15	151.18	0.03	flt	chl	str	45	
BG11-83	176.70	176.73	0.03	flt	chl	str	45	
BG11-84	15.20	15.23	0.03	slip	chl	str	40	
BG11-84	18.20	18.23	0.03	flt	chl	str	60	
BG11-84	32.70	33.30	0.6	slip	chl	str	8	
BG11-84	31.30	31.33	0.03	flt	chl	str	25	
BG11-84	29.80	29.83	0.03	flt	chl	str	45	
BG11-84	57.40	57.43	0.03	flt	chl	str	45	
BG11-84	114.15	114.18	0.03	flt	chl	str	50	

Hole_ID	From	To	Width	Fault_Type	Fault_Modifier	Fault_Intensity	Core Angle	Comments
BG11-84	134.15	134.18	0.03	flt	chl	str	20	
BG11-84	162.85	162.88	0.03	flt	chl	str	45	
BG11-84	165.50	165.53	0.03	flt	chl	str	45	
BG11-84	171.10	171.13	0.03	flt	chl	str	45	
BG11-84	180.70	180.73	0.03	flt	chl	str	40	
BG11-84	210.80	210.83	0.03	slip	chl	str	25	
BG11-84	238.65	238.68	0.03	slip	chl	str	45	
BG11-84	257.85	257.88	0.03	flt	chl	str	50	
BG11-84	274.50	274.53	0.03	flt	chl	str	45	
BG11-84	280.30	280.33	0.03	flt	chl	str	60	
BG11-85	13.50	13.60	0.10	Fault	chl	strong	10	
BG11-85	28.65	28.70	0.05	Fault	chl	moderate	40	
BG11-85	29.10	29.60	0.50	Fault	chl'd fault w mud gouge representing lithological contact btw wacke/QFP	strong	40	1-2% fg py min in flt
BG11-85	38.86	38.90	0.04	Fault	chl breccia w QFP clasts	moderate	65	
BG11-85	46.13	46.15	0.02	Slip	chl w fg py	moderate	35	
BG11-85	54.33	54.36	0.03	Fault Slip	chl	moderate	60	
BG11-85	**55.10**	**56.00**	**0.90**	**Fault**	**chl w flt gouge + adj carb vning + up to 90% cse py ass along py filled fracs/py vns**	**strong**	**0 to 5**	**controlling structure for strong min'd zones; ass zones w 30% cse py along fracs + 5-7 cm py vns w 60-90% cse py**
BG11-85	56.19	56.22	0.03	Fault Slip	chl-moly? w 3-5% py	moderate	50	
BG11-85	**59.60**	**59.63**	**0.03**	**Slip Fault**	**chl**	**moderate**	**35**	**to the left of a 10 cm py vn w >90% cse py**
BG11-85	**56.70**	**56.73**	**0.03**	**Slip Fault**	**chl w adj qtz-carb w slight brecciated texture**	**strong**	**35**	**to the right of a 10 cm py vn w >90% cse py**
BG11-85	62.83	62.84	0.01	Slip	chl-moly? w 3-5% py	weak	35	
BG11-85	69.35	69.44	0.09	Fracture Fault	chl	strong	20	fault adj to 1*3 cm qtz-carb vn @20 w 15% cse py
BG11-85	71.30	71.50	0.20	Slip	chl-carb	weak	25	
BG11-85	89.03	89.05	0.02	Slip	chl-carb	weak	20	
BG11-85	95.50	95.60	0.10	Slip	chl-carb	moderate	10	
BG11-85	100.40	100.43	0.03	Slip	chl-carb w 3% py min	moderate	40	
BG11-85	116.76	116.78	0.02	Fault slip	chl gouge w adj qtz-dol vning	moderate	45	
BG11-85	127.61	127.63	0.02	Shear	chl-ser	moderate	55	
BG11-85	129.65	129.68	0.03	Slip	chl w 2% py min	weak	55	
BG11-85	134.88	134.91	0.03	Shear	chl-ser	moderate	45	adj to a 60 cm alt zone w ser-chl-fusc alt
BG11-85	166.66	166.68	0.02	Fault	chl mud gouge	weak	50	

Hole_ID	From	To	Width	Fault_Type	Fault_Modifier	Fault_Intensity	Core Angle	Comments
BG11-85	204.40	205.30	0.90	Flt	multiple flt slips with chl+ qtz	moderate	50	
BG11-85	205.86	205.90	0.04	Slip	chl+qtz	moderate	55	at QFP-Diorite Bx contact
BG11-85	214.50	217.75	3.25	Fracture	brittle with assoc qtz-dol vn'ing+py	moderate		variable angles; fault gouge + chl at 217.2 at 90 deg TCA
BG11-85	233.50	233.52	0.02	Flt	tight with bx	weak	55	
BG11-85	269.50	270.70	1.20	Shear	chl-ser	strong	45	2-3% py conc along fracs
BG11-85	289.50	289.51	0.01	Slip	chl w an adj 1 cm qtz-dol vn	moderate	50	
BG11-85	293.73	293.74	0.01	Slip	chl slip w adj ser shear	moderate	55	
BG11-85	299.82	299.97	0.15	Slip	chl-dol	moderate	10	
BG11-85	335.18	335.20	0.02	Slip	chl	weak	50	
BG11-85	336.67	336.69	0.02	Slip	chl-dol	moderate	65	
BG11-85	337.18	337.25	0.07	Fault	blk qtz-chl w flt breccia + gouge	moderate	60	
BG11-85	383.58	383.62	0.04	Shear	qtz-dol-chl w an adj 2 cm qtz-dol vn	moderate	70	
BG11-85	403.10	403.20	0.10	Fault	qtz-dol-chl flt bx	strong	55	
BG11-85	405.24	405.28	0.04	Fault Slip	chl flt slip w adj 3 cm qtz-dol vn	moderate	55	
BG11-85	414.36	414.45	0.09	Fault	brecciated dol vn	strong	45	possible flt breccia??
BG11-85	417.35	417.37	0.02	Slip	chl	weak	45	contact btw diorite breccia/syenite
BG11-85	418.58	418.62	0.04	Fault	chl flt w gouge + adj qtz-dol vn	strong	70	
BG11-85	449.70	449.73	0.03	Fault	chl-dol flt w gouge + breccia w <2 cm angular qtz-dol clasts	strong	70	
BG11-85	452.82	452.84	0.02	Slip	chl-dol	weak	70	
BG11-85	455.62	455.64	0.02	Slip	chl-dol	weak	75	
BG11-85	495.42	495.49	0.07	Shear	chl-ser shear w adj 2 cm qtz-dol vn	moderate	70	
BG11-85	509.83	509.85	0.02	Slip	chl-dol	moderate	55	
BG11-85	583.51	583.53	0.02	Slip	chl-dol	weak	50	
BG11-85	608.98	609.00	0.02	Slip	chl	weak	50	
BG11-85	651.25	651.40	0.15	Slip	chl slip w adj qtz-dol vn	moderate	15	
BG11-85	687.21	687.34	0.13	Slip Fault	chl-sil flt w chl gouge + adj 3-5% mg diss py	moderate	35	
BG11-87	16.26	32.75	16.49	Shear	ductile	strong	35	predom 30 to 35 but ranges from 30 to 55 deg TCA
BG11-87	32.45	33.00	0.55	Fault	multi faults with gouge; 70% recovery	strong		broken core
BG11-87	52.51	52.53	0.02	Fault	cataclasite	strong	45	

Hole_ID	From	To	Width	Fault_Type	Fault_Modifier	Fault_Intensity	Core Angle	Comments
BG11-87	52.70	52.74	0.04	Fault	weakly mylonitic	moderate	20	
BG11-87	54.90	55.00	0.10	Slip	qtz+black qtz	weak	20	
BG11-87	59.70	63.20	3.50	Shear	brittle - network frac'ing + grey qtz+ fg py	moderate		15 to 75 deg TCA
BG11-87	65.90	65.91	0.01	Fault	grey qtz+5-10% fg py	strong	45	
BG11-87	66.46	66.56	0.10	Fault	gouge	strong	10	
BG11-87	67.30	67.70	0.40	Fracture	grey qtz in network vn'ing-1-2% py	moderate		
BG11-87	71.00	71.20	0.20	Slip			5	
BG11-87	71.80	71.82	0.02	Fault	breccia	moderate	35	
BG11-87	75.30	75.31	0.01	Fault	chl+qtz gouge	moderate	45	
BG11-87	77.10	78.50	1.40	Slip	chl	moderate	0	fault at 77.12m with bx at 35 deg TCA
BG11-87	79.50	79.51	0.01	Fault	chl	weak	45	
BG11-87	81.10	81.11	0.01	Slip	chl	weak	35	
BG11-87	84.55	84.65	0.10	Fault	chl+grey qtz+py	weak	20	
BG11-87	84.90	84.92	0.02	Fault	gouge			
BG11-87	86.45	86.50	0.05	Fault	grey carb gouge+py	moderate	40	broken core
BG11-87	105.50	105.90	0.40	Slips	qtz+py	moderate		5 and 35 deg TCA
BG11-87	124.15	124.50	0.35	Slip	qtz	weak	10	
BG11-87	129.80	129.95	0.15	Slip	py+qtz	moderate		20 and 40 deg TCA
BG11-87	136.90	137.85	0.95	Fault	grey qtz+qtz-dol+carb+15% py-hem alt'n halo	strong	5	
BG11-87	**163.60**	**164.10**	**0.50**	**Fault**	**major gouge + bx with pale white qtz-dol+ grey carb gouge**	**strong**		**broken core**
BG11-87	172.00	172.70	0.70	Slip	slip fault chl+grey qtz-carb	moderate	0	
BG11-87	172.90	173.10	0.20	Fault	gouge	moderate	0	0 to 5 deg TCA
BG11-87	175.00	175.60	0.60	Fault	2- separate 3-4 cm gouge bx faults at 30-65 deg TCA	moderate		
BG11-87	186.30	186.60	0.30	Shear	brittle irregular fractures with qtz+5-7% py	moderate	45	
BG11-87	219.29	219.32	0.03	Fault	gouge+ py+0.75cm grey qtz vn	strong	50	
BG11-87	298.20	298.30	0.10	Slip	chl+qtz+py	weak	40	two parallel slips
BG11-87	309.75	309.76	0.01	Fault	qtz+chl+ser	weak	50	

Hole_ID	From	To	Width	Fault_Type	Fault_Modifier	Fault_Intensity	Core Angle	Comments
BG11-87	**312.60**	**314.20**	**1.60**	**Shear**	**brittle with flt-slips& gouge, 5-25% grey & white qtz+chl+50% py from 314 to 314.2m**	**strong**		**35 to 50 deg TCA; prior to zone 309 to 314.2m strong brittle frac'ing at 50 deg TCA**
BG11-87	330.67	330.68	0.01	Fault	gouge	weak	45	
BG11-87	331.15	331.17	0.02	Slip	qtz-dol-chl	weak	35	
BG11-87	332.00	332.40	0.40	slip	qtz-dol-chl	weak	10	
BG11-87	342.00	342.20	0.20	Slip	qtz-dol-chl	weak	15	
BG11-87	345.20	346.50	1.30	Fracture	brittle frac's 10-15% py between 346.2 to 346.5	moderate		py vn's at 30 to 50 deg TCA
BG11-87	353.00	360.00	7.00	Blocky Ground				75% recovery
BG11-87	366.75	366.96	0.21	Fault	chl+qtz+carb	strong	20	
BG11-87	369.75	369.80	0.05	Fault	chl+qtz+carb	moderate	25	
BG11-87	377.70	377.85	0.15	Slip	bx+qtz-dol	weak	15	
BG11-87	379.54	379.55	0.01	Slip	adjacent grey-white qtz	weak	75	
BG11-87	386.05	386.20	0.15	Fault	chl+qtz-dol+carb	weak	20	
BG11-87	444.80	445.00	0.20	Fault	adj qtz-dol +chl+py	moderate	15	
BG11-87	445.95	445.96	0.01	Fault	broken core-some chl gouge			
BG11-87	518.20	519.05	0.85	Slip	adjacent qtz-dol vn'ing; possible fault 518.8 to 519.05	weak	20	
BG11-87	555.30	555.40	0.10	Slip	slip-shear	weak	45	target area for 10 V or 12 V? Weak zone
BG11-87	584.40	584.42	0.02	Fault	adjacent qtz+ser+chl	weak	45	
BG11-87	596.30	596.40	0.10	Slip	chl+qtz-dol	weak	50	
BG11-87	659.30	659.35	0.05	slip	adjacent qtz+ser+chl	weak	45	
BG11-87	662.63	662.64	0.01	slip	chl+qtz-dol	weak	60	
BG11-88	18.30	18.34	0.04	Shear	localized 3.5cm wide with 1.5cm qtz-dol vn	weak	30	75 to 80% recovery
BG11-88	20.80	20.85	0.05	Slip	chl+ser	30		
BG11-88	21.00	21.90	0.90	Shear	0.5 to 1.5 cm wide localized shear-slips	weak		25 to 45 deg TCA
BG11-88	24.35	24.90	0.55	Shear	Localized shear-slips+ser+chl+qtz-dol+py	weak		40 and 0 deg TCA
BG11-88	33.25	33.60	0.35	Fault	two areas of gouge with adjacent late bull qtz after fault gouge at 33.6m	weak	35	
BG11-88	34.90	34.91	0.01	Fault	gouge	weak	40	
BG11-88	47.00	76.00	29.00	Foliation	fabric foliation- pebble attenuation	strong		25 to 40 deg TCA; foliation fabric continues past 76m

Hole_ID	From	To	Width	Fault_Type	Fault_Modifier	Fault_Intensity	Core Angle	Comments
BG11-88	77.10	77.12	0.02	Slip	2cm qtz-dol vn'ing+chl	weak	85	
BG11-88	87.30	87.80	0.50	Slips	qtz-dol	weak	45	
BG11-88	91.60	91.97	0.37	Slips	qtz-dol	weak	30	
BG11-88	94.50	94.90	0.40	Slips	qtz-dol	weak	25	
BG11-88	111.00	124.00	13.00	Shear	ductile - ser+chl + crimson red matrix	strong	35	30 to 40 deg TCA; 110.7m low angle flt +bx at 5 deg TCA
BG11-88	124.00	124.50	0.50	Blocky Ground				
BG11-88	128.00	131.00	3.00	Blocky Ground				
BG11-88	143.10	144.00	0.90	Blocky Ground				
BG11-88	163.85	163.90	0.05	Fault	carb gouge	moderate	30	
BG11-88	167.37	167.50	0.13	Fault	two parallel faults carb gouge	strong	45	
BG11-88	181.70	190.20	8.50	Slips	widely spaced slips with qtz+calcite+dol	moderate		slips at 55 to 65 deg TCA with fabric fol'n
BG11-88	230.28	230.30	0.02	Slip	adjacent 2cm wide chl+ser	weak	85	
BG11-88	232.95	233.10	0.15	Slip	adjacent qtz-dol	weak	20	
BG11-88	238.00	238.05	0.05	Slip	chl	weak	85	
BG11-88	255.60	255.61	0.01	Slip	slip fault	weak	40	
BG11-88	281.00	281.50	0.50	Slip	slip fault with carb+calcite	weak	10	
BG11-88	290.50	290.70	0.20	Shear	ductile at 290.5-290.55 and at 290.7	moderate	45	
BG11-88	345.50	345.55	0.05	Slip	Slip fault with 4cm wide adjacent light grey qtz	moderate	20	
BG11-88	393.50	393.52	0.02	Slip	parallel slips with qtz	weak	45	
BG11-88	400.60	400.70	0.10	Slip	chl	weak	15	
BG11-88	401.00	401.01	0.01	Slip	chl+qtz	weak	85	
BG11-88	451.10	451.90	0.80	Shear	65% qtz-ank+thin black qtz	strong		15 to 65 deg TCA
BG11-88	505.90	505.95	0.05	Fault	gouge+K-Spar alt'n+py	strong	45	40 to 45 deg TCA
BG11-88	513.54	513.55	0.01	Fault	gouge+bx	strong	45	
BG11-88	518.60	518.61	0.01	Fault	bx	weak	80	
BG11-88	519.00	519.01	0.01	Fault	gouge	weak		broken core- proable fault due to minor gouge
BG11-88	525.85	525.86	0.01	Fault	cataclasite	moderate	55	
BG11-88	548.58	548.60	0.02	Slip	qtz-dol+ grey qtz	weak	45	
BG11-88	550.50	550.51	0.01	Slip		weak	45	
BG11-88	552.10	552.11	0.01	Slip	qtz	weak	45	
BG11-88	**577.60**	**577.70**	**0.10**	**Fault**	**gouge+1cm carb vn+ser+chl+1-2% diss py**	**strong**	**30**	**Bidgood North Break?**

Hole_ID	From	To	Width	Fault_Type	Fault_Modifier	Fault_Intensity	Core Angle	Comments
BG11-88	690.20	690.21	0.01	Slip	chl	weak	85	
BG11-88	693.74	693.86	0.12	slip	two separate slips with adjacent qtz-carb vn'ing+chl	weak	85	
BG11-88	726.80	726.81	0.01	Slip	chl+carb vn	moderate	35	
BG11-88	730.00	730.10	0.10	Shear	at FP-Diorite Bx contact 1.5cm wide calite-carb vn	moderate	25	
BG11-88	736.50	736.58	0.08	Slip	carb+chl+0.5cm wide fg py band	moderate	65	
BG11-88	740.60	743.30	2.70	Fractured	brittle frac'ing with chl+ser in micro frac'ing	strong		frac's at 25 and 45 deg TCA
BG11-88	751.75	752.70	0.95	Slip	braided 1 to 2.5cm wide carb + chl vn	moderate	5	
BG11-88	756.00	757.00	1.00	Fractured	brittle frac'ing with chl+ser in micro frac'ing	weak		
BG11-89	4.50	4.60	0.10	shr	chl-ser	str	45	
BG11-89	27.45	27.48	0.03	flt	chl	str	24	
BG11-89	37.50	37.53	0.03	flt	chl	str	40	
BG11-89	46.65	46.68	0.03	slip	chl	mod	30	
BG11-89	75.20	75.30	0.10	flt	chl	str	25	
BG11-89	75.90	76.30	0.40	flt	chl	str	20	
BG11-89	107.50	107.53	0.03	flt	chl	str	45	
BG11-89	112.60	112.63	0.03	flt	chl	str	85	
BG11-89	118.75	118.78	0.03	flt	chl	str	30	
BG11-89	129.70	129.80	0.10	flt	chl	str	17	
BG11-89	136.60	136.70	0.10	brk	chl	str	45	MAIN BRK-gouge
BG11-89	140.20	140.23	0.03	slip	chl	str	70	
BG11-89	151.50	151.53	0.03	flt	chl	str	40	no alt'n
BG11-89	158.80	158.83	0.03	slip	chl	str	50	
BG11-89	157.20	157.30	0.10	slip	chl	str	20	
BG11-89	165.10	165.13	0.03	slip	chl	str	30	
BG11-89	171.30	171.33	0.03	flt	chl	str	55	
BG11-89	183.70	183.73	0.03	flt	chl	str	75	1/8" gouge
BG11-89	184.80	184.83	0.03	flt	chl	str	70	
BG11-89	214.25	214.28	0.03	shr	chl	str	35	
BG11-89	214.50	214.53	0.03	flt	chl	str	70	
BG11-91	6.50	29.50	23.00	Shear	ductile + local crenulations	strong		35 to 90 deg TCA; possible parallel structure to Bidgood North Break
BG11-91	33.30	33.31	0.01	Slip	fault-slip with qtz-dol	weak	25	
BG11-91	56.00	68.40	12.40	Fracture	brittle frac's-slips with qtz+py	strong		55-90 deg TCA; at 64.8m fault gouge with crumbly qtz+carb

Hole_ID	From	To	Width	Fault_Type	Fault_Modifier	Fault_Intensity	Core Angle	Comments
BG11-91	68.40	69.60	1.20	Fault	dk qtz+ rounded breccia+ gouge-cataclasite at 69.6m	strong	15	
BG11-91	78.50	78.70	0.20	Fault	white-black qtz with slips 3cm wide and 4cm wide sil band	strong	70	
BG11-91	81.10	81.60	0.50	Fault	mylonite+chl+qtz+ser; adjacent pale grey qtz; py in frac's	strong	10	82 to 82.2m slis with py at 20 deg TCA asscoiated with fault
BG11-91	109.64	109.65	0.01	Fault	qtz-ank-mylonite-thin gouge-chl	weak	40	
BG11-91	111.60	111.61	0.01	Fault	adjacent 1cm sil band	weak	40	
BG11-91	116.10	116.15	0.05	Fault	black qtz + cataclasite	moderate	45	
BG11-91	131.82	131.83	0.01	Fault	at QFP-FQP contact	weak	60	
BG11-91	149.95	149.97	0.02	Slip	possible flt-slip	weak	30	
BG11-91	159.00	159.04	0.04	Fault	chl+10% py+2% qtz-dol vn'ing	moderate	50	
BG11-91	162.95	162.97	0.02	Fault	qtz-dol-minor gouge	weak	35	
BG11-91	164.80	165.00	0.20	Fault	qtz-dol-chl	moderate	20	
BG11-91	176.00	176.10	0.10	Slip	slip-fault	weak	30	
BG11-91	177.30	177.31	0.01	Fault	qtz-dol	weak	40	
BG11-91	180.50	180.51	0.01	Fault	qtz+chl	weak	85	
BG11-91	212.60	218.00	5.40	Fault	widely spaced multiple fault-slips	moderate		0.2 to 1.5 fault to fault bx+minor gouge at 30 to 60 deg TCA at 213.3, 213.6 (45 deg TCA); 214.75-214.8m (30 deg TCA bx gouge), 215.2 (45deg TCA), 216.16m, 216.9m (35 deg TCA), 212.6m bx gouge at 45 deg TCA; 212.7m fault with chl
BG11-91	289.00	289.05	0.05	Fault	fault-slip with qtz+1-3% py + graphite	moderate	30	
BG11-91	310.50	310.51	0.01	Fault	slip 1cm wide+ cataclasite	weak	20	
BG11-91	317.50	317.60	0.10	Fault		weak	20	
BG11-91	330.80	330.81	0.01	Fault	chl gouge	moderate	15	
BG11-91	333.60	333.62	0.02	Fault	gouge with splay flt	strong	25	splay at 30 deg TCA
BG11-91	338.70	338.71	0.01	Fault	chl slips	weak	65	
BG11-91	340.46	340.47	0.01	Fault	chl slips	weak	80	
BG11-91	344.00	344.01	0.01	Slip	chl+qtz-dol vn'ing	weak	50	
BG11-91	347.25	347.28	0.03	Fault	thin gouge	weak	25	
BG11-91	353.80	353.81	0.01	Slip	chl+ qtz-dol vn	weak	40	
BG11-91	356.85	356.86	0.01	Fault	chl+gouge	weak	55	
BG11-91	363.70	363.72	0.02	Slip	sil+ser+qtz-dol	weak	45	
BG11-91	366.60	366.61	0.01	Slip	chl+qtz-dolvn	weak	65	

Hole_ID	From	To	Width	Fault_Type	Fault_Modifier	Fault_Intensity	Core Angle	Comments
BG11-91	371.30	371.70	0.40	Slips	eight sub-parallel slips with qtz-dol + minor bx	moderate	35	
BG11-91	374.10	374.40	0.30	Fault	strong gouge - calcite	strong	65	
BG11-91	375.50	375.51	0.01	Slip	qtz-dol	weak	90	
BG11-91	381.50	381.53	0.03	Slip	qtz+qtz-dol+chl	moderate	65	
BG11-91	388.40	391.40	3.00	Fracture	brittle fracturing - possible weak shear zone with grey-white qtz	weak		vn'ing at 25 to 45 deg TCA; strong fault at 390m at 30 deg TCA with graphite+dk grey qtz+ thin gouge
BG11-91	455.10	455.11	0.01	Slip	chl+qtz	weak	55	
BG11-91	519.70	519.72	0.02	Slip	thin chl gouge with adjacent qtz+ser	weak	55	
BG11-91	525.67	525.68	0.01	Slip	thin gouge adjacent chl+qtz	weak	30	
BG11-91	560.55	560.56	0.01	Fault	ser+qtz-dol vn'ing	weak	70	
BG11-91	560.65	560.66	0.01	Fault	ser+qtz-dol vn'ing	weak	55	
BG11-91	561.50	561.51	0.01	Fault	ser+chl	weak	50	at contact between FQP-QFP
BG11-91	576.40	576.60	0.20	Fault	healed qtz-bx 2mm wide	moderate	30	
BG11-91	578.60	579.00	0.40	Fault	bx healed with qtz-dol+ gouge + badly broken core	strong	25	may be N-S late fault as seen on u/g plans dips east that appears to truncate 12 - 14 Vein development
BG11-91	588.90	588.96	0.06	Slip	1cm wide qtz-dol+chl at Syn-Diorite Bx contact	moderate	30	
BG11-91	591.00	591.10	0.10	Slip	qtz+chl	weak	50	
BG11-91	591.50	591.51	0.01	Slip	0.25cm wide qtz-dol	weak	40	
BG11-91	593.60	593.62	0.02	Slip	chl slips	weak	45	
BG11-91	600.00	601.30	1.30	Fracture	brittle shear zone	moderate	30	
BG11-91	605.15	605.95	0.80	Fracture	brittle shear zone	moderate	45	
BG11-91	622.15	625.20	3.05	Shear	ductile to brittle - chl+ser+leuc flecs	strong		30 to 50 deg TCA, Flt at 624.4 to 625.2m at 0 to 15 deg TCA, probably two flts, assoc qtz-dol vn'ing
BG11-91	648.10	648.60	0.50	Breccia	Diorite-QFP contact breccia	strong		possible primary texture?
BG11-91	671.00	671.50	0.50	Fracture	qtz+chl healing	moderate		
BG11-91	692.95	692.97	0.02	Slips	carb	weak	35	
BG11-91	695.50	695.60	0.10	Shear	carb+calcite	weak	35	
BG11-91	697.60	697.90	0.30	Slip	grey qtz-dol	moderate	30	
BG10-95	12.00	12.30	0.3	flt	chl-epi	mod	5	
BG10-95	19.20	19.24	0.04	flt	chl	str	44	vuggy-1/2" gouge
BG10-95	25.00	25.03	0.03	slp	chl	mod	55	
BG10-95	46.60	46.65	0.05	flt	chl-hem	str	42	1/2" gouge

Hole_ID	From	To	Width	Fault_Type	Fault_Modifier	Fault_Intensity	Core Angle	Comments
BG10-97	45.68	45.73	0.05	slp	chl	mod	33	
BG10-98	42.70	42.75	0.05	flt	chl	mod	22	1/8" gouge
BG10-98	46.50	46.55	0.05	flt	chl	mod	22	1/8" gouge
BG10-99	8.70	8.71	0.01	Flt	qtz+dol	weak	80	another similar wk flt at 90.1m at 70 deg TCA
BG10-99	15.20	22.60	7.40	Shear	North Bidgood Break?	strong	25	ductile to brittle; flts at 16.3 to 16.6m and 21.4 to 21.6m at 15 & 20 deg TCA respectively
BG10-99	24.60	24.61	0.01	Flt	thin gouge	moderate	20	at contact Diorite Bx - FP
BG10-99	26.28	26.70	0.42	Flt	cataclasite, chl+qtz+dol	strong	10	
BG10-99	27.10	27.20	0.10	Flt	two parallel thin flt's	moderate	20	
BG10-99	32.60	32.61	0.01	Flt	qtz+chl+ser	weak	20	
BG10-99	35.60	35.70	0.10	Flt	chl+ser+qtz	weak	30	
BG10-99	39.42	46.10	6.68	Shear	ductile to brittle	strong	50	
BG10-99	47.50	54.20	6.70	Blocky Ground				RQD= ~40%
BG10-99	54.60	67.40	12.80	Shear	ductile to brittle	strong		variable angles
BG10-99	63.50	79.00	15.50	Blocky Ground				RQD=40 to 65%
BG10-100	13.20	13.90	0.70	Flt	qtz+calcite+chl	moderate		probably low angle TCA; RQD=60%
BG10-100	14.10	14.11	0.01	Flt	Breccia	moderate	55	
BG10-100	14.40	14.86	0.46	Slip	chl+carb	weak	5	
BG10-100	17.20	17.35	0.15	Flt	chl+ser+carb	strong	20	at contact Diorite with Syenite
BG10-100	21.30	21.31	0.01	Flt	chl+carb+qtz	weak	40	
BG10-100	27.93	28.75	0.82	Fracture	chl+qtz+carb+py	weak	0	
BG10-100	38.90	39.65	0.75	Flt	chl+epi	weak	0	
BG10-100	41.50	41.90	0.40	Fracture	chl+spec hem	weak	5	
BG10-100	45.30	45.70	0.40	Flt	rubble+py+spec hem	strong		possible Flt
BG10-100	66.00	66.70	0.70	Blocky Ground				
BG10-100	69.70	69.71	0.01	Slip	chl+calcite	weak	55	
BG10-100	73.45	74.27	0.82	Fracture	chl+carb+calcite+py	moderate	30	
BG10-102	11.30	11.40	0.1	flt	chl	str	25	
BG10-102	16.00	17.10	1.1	flt	chl-carb-lim	str	5	1/8" gouge
BG10-102	14.15	14.18	0.03	slp	chl	mod	33	
BG10-102	38.75	39.00	0.25	flt	chl-carb	str	18	1/2" gouge
BG10-102	51.00	51.04	0.04	slip	chl-carb	str	47	
BG10-102	51.65	51.68	0.03	slip	chl-carb	str	43	
BG10-102	78.75	78.85	0.1	flt	chl-carb	str	53	
BG10-102	113.06	113.08	0.02	myl	chl	str	52	
BG10-103	27.80	28.20	0.4	shr	ox'd-chl-ank	mod	28	
BG10-103	29.50	29.90	0.4	shr	ox'd-chl-ank	mod	28	
BG10-103	109.95	109.98	0.03	flt	chl	str	51	1/2" gouge
BG10-103	118.40	118.43	0.03	flt	chl-carb	str	36	
BG10-103	103.40	103.43	0.03	flt	chl-ser	str	35	
BG10-103	125.60	125.63	0.03	flt	chl	str	13	
BG10-103	159.86	159.90	0.04	flt	chl-ank	str	36	

Hole_ID	From	To	Width	Fault_Type	Fault_Modifier	Fault_Intensity	Core Angle	Comments
BG10-104	11.25	11.30	0.05	flt	chl	mod	32	
BG10-104	15.40	15.43	0.03	slip	chl-carb	str	23	
BG10-104	7.70	7.73	0.03	flt	chl	mod	32	
BG10-104	70.90	70.94	0.04	flt	chl	mod	44	
BG10-104	72.45	72.55	0.1	shr	chl-q-ank	wk	32	
BG10-104	84.40	84.43	0.03	flt	chl	mod	70	
BG10-104	88.00	88.03	0.03	flt	chl-epi-magn	mod	30	
BG10-104	105.60	105.65	0.05	slip	chl-carb	str	78	
BG10-104	112.00	112.04	0.04	slip	chl-carb	str	75	
BG10-104	133.05	133.08	0.03	flt	chl	mod	57	
BG10-104	150.80	150.83	0.03	flt	chl	mod	52	
BG10-105	6.70	7.10	0.40	Flt	chl+qtz+dol	strong	10	
BG10-105	13.70	14.30	0.60	Slips	chl	weak	20	
BG10-105	16.30	16.70	0.40	Slips	multiple	weak	20	
BG10-105	19.00	22.20	3.20	Slips	multiple slip-flts with qtz+dol+py+ dk qtz	moderate	25	most intense from 20.4 to 22.2m vn'ing slips at 20 and 30 deg TCA
BG10-105	28.00	28.04	0.04	Flt	mylonitic	weak	70	
BG10-105	36.00	36.10	0.10	Shear	localized	weak	45	slips at 25 to 65 deg TCA
BG10-105	37.60	37.69	0.09	Flt	qtz+dol+chl	weak	40	
BG10-105	44.70	45.50	0.80	Shear	localized+ductile	moderate	50	45.5m Flt at 50 deg TCA
BG11-106	14.15	14.19	0.04	flt	chl	str	40	
BG11-106	18.14	18.18	0.04	flt	chl	str	30	
BG11-106	21.80	21.90	0.1	Flt	chl-moly	str	20	qtz-breccia
BG11-106	22.90	22.93	0.03	Slip	chl	mod	30	
BG11-106	26.45	26.48	0.03	Slip	chl	str	30	
BG11-106	32.95	33.05	0.1	flt	Moly	str	60	
BG11-106	46.40	46.43	0.03	flt	chl	str	45	
BG11-106	47.74	47.84	0.1	flt	moly-chl	str	20	
BG11-106	51.20	51.30	0.1	Slip	chl	mod	15	
BG11-106	54.80	54.90	0.1	Fault	chl-ser	str	30	
BG11-106	59.75	59.78	0.03	Shear	chl	str	45	
BG11-107	27.70	27.73	0.03	flt	chl	str	45	
BG11-108	29.30	29.32	0.02	flt	chl	mod	55	2" void written on block-GC-could be flt here
BG11-108	31.10	31.14	0.04	flt	chl	mod	50	
BG11-108	36.75	36.78	0.03	flt	chl	mod	50	
BG11-109	67.40	67.43	0.03	slip	chl	str	70	
BG11-109	99.20	99.23	0.03	slip	carb-chl	mod	45	
BG11-109	101.70	101.74	0.04	flt	chl	str	66	1/4" gouge
BG11-109	101.90	101.93	0.03	flt	chl	str	66	
BG11-109	104.00	104.03	0.03	flt	chl	str	75	
BG11-109	105.20	105.23	0.03	flt	carb-chl	str	75	
BG11-109	116.00	116.04	0.04	slip	chl	str	45	
BG11-110	27.00	27.03	0.03	slip	chl-carb	mod	58	
BG11-110	56.30	56.33	0.03	flt	chl	str	45	1/8" gouge
BG11-110	103.30	103.33	0.03	flt	chl	str	58	1/4" gouge

Hole_ID	From	To	Width	Fault_Type	Fault_Modifier	Fault_Intensity	Core Angle	Comments
BG11-110	130.20	130.23	0.03	flt	chl	str	38	1/8" gouge
BG11-110	229.40	229.43	0.03	flt	chl	str	50	
BG11-110	229.00	229.40	0.4	flt	chl ann bx	str	50	M-H BRK?
BG11-111	50.00	50.04	0.04	slip	carb-chl	mod	45	
BG11-111	54.15	54.18	0.03	slip	carb-chl	mod	73	
BG11-111	57.20	57.24	0.04	slip	carb-chl	mod	80	
BG11-111	99.25	99.27	0.02	slip	chl	mod	80	
BG11-112	23.90	23.93	0.03	slip	chl	mod	55	
BG11-112	31.50	31.53	0.03	slip	chl	mod	75	
BG11-112A	22.70	22.73	0.03	slip	chl	mod	50	posy gouge
BG11-112A	24.70	24.74	0.04	slip	chl	str	30	
BG11-112A	26.70	26.74	0.04	flt	chl	str	53	1/8" gouge
BG11-113	30.10	30.15	0.05	slip	chl	str	30	
BG11-113	37.70	37.73	0.03	slip	chl	str	55	
BG11-113	49.65	49.68	0.03	flt	chl	str	50	1/8" gouge
BG11-113	67.70	67.74	0.04	flt	chl	str	62	1/8" gouge
BG11-113A	36.10	36.13	0.03	slip	chl	mod	80	
BG11-113A	58.00	58.03	0.03	slip	chl	str	32	
BG11-113A	60.00	60.03	0.03	slip	chl	str	45	
BG11-113A	53.50	53.53	0.03	flt	chl	str	35	
BG11-114	19.00	19.60	0.6	slips	chl-epi	mod	30	
BG11-114	40.30	40.60	0.3	slips	chl	str	30	
BG11-114A	35.70	35.73	0.03	flt	chl	str	61	
BG11-115	34.50	34.53	0.03	flt	chl	mod	80	
BG11-115	31.90	31.95	0.05	Shear	chl	mod	46	
BG11-115	37.55	37.58	0.03	flt	chl	str	70	
BG11-115	39.15	39.18	0.03	slip	chl	str	55	
BG11-115	81.85	81.88	0.03	flt	chl-moly	mod	56	
BG11-115	105.60	105.63	0.03	flt	chl	str	45	
BG11-115	106.60	106.63	0.03	flt	chl	str	50	
BG11-115	155.85	155.88	0.03	flt	chl	mod	45	
BG11-115	161.40	161.45	0.05	flt	chl	str	52	in BC
BG11-115	162.03	162.06	0.03	flt	chl	str	70	
BG11-115	194.90	194.93	0.03	flt	chl-carb	mod	43	
BG11-116	23.00	23.04	0.04	slip	chl	str	30	
BG11-116	38.65	38.68	0.03	flt	chl	str	60	1/8" gouge
BG11-116	102.95	103.00	0.05	slip	chl	str	30	
BG11-116	160.55	160.58	0.03	flt	chl	str	73	
BG11-116	195.10	195.13	0.03	slip	chl	mod	45	
BG11-116	183.70	183.73	0.03	flt	chl	str	66	
BG11-117	20.30	20.35	0.05	flt	chl	mod	40	
BG11-117	26.90	27.00	0.1	slip	chl-carb	mod	15	
BG11-117	28.45	28.48	0.03	flt	chl	str	47	
BG11-117	43.60	43.63	0.03	flt	chl	str	68	
BG11-117	49.70	49.75	0.05	flt	chl-carb	mod	53	

Hole_ID	From	To	Width	Fault_Type	Fault_Modifier	Fault_Intensity	Core Angle	Comments
BG11-117	85.55	85.58	0.03	slip	chl	mod	45	
BG11-117	86.50	86.55	0.05	flt	chl	mod	45	
BG11-117	87.50	87.58	0.08	flt	chl-carb	str	45	
BG11-118	18.60	19.40	0.8	Shear	chl-ank	str	45	
BG11-118	25.40	26.75	1.35	GC	chl			no sign structure
BG11-118	43.90	44.20	0.3	Shear	chl-ank	str	75	
BG11-118	39.10	39.13	0.03	slip	chl-carb	str	80	
BG11-118	59.70	59.73	0.03	slip	chl	mod	30	
BG11-118	67.00	67.03	0.03	flt	chl	str	42	1/8" gouge
BG11-118	73.70	73.90	0.2	flt	chl	str	10	1/4" gouge
BG11-118	79.80	79.85	0.05	flt	chl	str	45	
BG11-118	52.10	52.13	0.03	slip	chl	str	50	
BG11-118	83.00	83.07	0.07	flt	chl-carb	mod	25	
BG11-118	87.25	87.28	0.03	flt	chl-carb	str	35	
BG11-118	91.20	91.30	0.1	flt	chl	str	45	1" gouge
BG11-118	91.60	91.63	0.03	flt	chl	str	45	1/8" gouge
BG11-118	89.10	89.13	0.03	slip	chl-carb	str	63	
BG11-118	90.50	90.53	0.03	slip	chl-carb	str	47	
BG11-118	125.00	125.03	0.03	slip	chl	str	35	
BG11-118	132.40	132.43	0.03	slip	chl	str	40	
BG11-118	146.70	146.73	0.03	flt	chl	str	70	
BG11-118	147.05	147.08	0.03	flt	chl	str	70	
BG11-119	23.00	23.04	0.04	flt	chl	str	70	1/8" gouge
BG11-119	37.60	37.64	0.04	flt	chl	mod	60	
BG11-119	72.20	72.23	0.03	slip	chl-carb	mod	60	
BG11-119	87.50	87.53	0.03	flt	chl	str	45	
BG11-119	94.80	94.83	0.03	flt	chl	str	25	
BG11-119	96.40	96.43	0.03	flt	chl	str	45	
BG11-119	98.20	98.23	0.03	flt	chl	str	45	
BG11-119	143.40	143.43	0.03	flt	chl	mod	45	
BG11-119	160.55	160.58	0.03	slips	chl	str	30	
BG11-119	171.10	171.13	0.03	slip	chl	str	40	
BG11-119	187.00	187.03	0.03	slip	chl	str	70	
BG11-119	203.20	203.23	0.03	flt	chl	mod	30	
BG11-119	207.10	207.13	0.03	slip	carb-chl	str	40	
BG11-119	210.00	210.03	0.03	slip	carb-chl	str	5	
BG11-119	242.40	242.43	0.03	flt	chl	str	45	
BG11-120	21.50	21.60	0.1	flt	chl	str	75	BC
BG11-120	30.20	30.23	0.03	flt	chl	str	70	
BG11-120	30.90	31.30	0.4	flt	chl-carb	mod	80	4 of them
BG11-120	33.50	33.53	0.03	Shear	ser	str	75	
BG11-120	48.00	48.03	0.03	slip	chl-carb	str	50	
BG11-120	52.95	52.98	0.03	flt	chl-carb	str	75	
BG11-120	58.30	58.40	0.1	Slip	chl	str	14	
BG11-120	60.30	60.33	0.03	Slip	chl	wk	44	

Hole_ID	From	To	Width	Fault_Type	Fault_Modifier	Fault_Intensity	Core Angle	Comments
BG11-120	66.10	66.30	0.2	Shear	chl-ser-ank	str	45	
BG11-120	67.55	67.58	0.03	flt	chl-talc	str	67	
BG11-120	78.70	78.73	0.03	Slip	chl	mod	18	
BG11-120	88.40	88.70	0.3	Slip	hem	str	10	
BG11-120	106.40	106.43	0.03	Slip	hem	str	40	
BG11-120	116.45	116.55	0.1	Shear	chl-ank	mod	55	
BG11-120	123.30	123.40	0.1	Slip	chl	str	70	
BG11-120	134.59	134.63	0.04	Shear	Chl-ser-ank	str	70	
BG11-120	160.60	160.63	0.03	Slip	Chl-ank	str	50	
BG11-120	161.80	162.15	0.35	Flt	Qtz-dol	Str	45	Brecciated
BG11-120	162.5	162.7	0.2	Shear	chl-ser	wk	50	
BG11-120	164.62	164.69	0.07	Shear	Chl-ser-ank	mod	75	
BG11-121	15.75	15.85	0.1	Flt	Qtz	str	25	Sil breccia
BG11-121	16.20	16.30	0.10	Slip	Qtz-ser-ank	Str	20	
BG11-121	17.85	17.90	0.05	Slip	Qtz-ank	mod	25	
BG11-121	34.54	34.60	0.06	Slip	Qtz-ank	mod	55	
BG11-121	37.35	37.45	0.1	Shear	Chl-Ank	str	45	
BG11-121	45.00	45.03	0.03	Shear	Chl-sil-ser-ank	str	45	
BG11-121	45.10	45.20	0.1	Shear	Chl-Ser	str	35	
BG11-121	69.15	69.18	0.03	Slip	Chl-Qtz	str	30	Vuggy
BG11-121	78.45	78.50	0.05	Flt	Chl-Qtz	wk	40	
BG11-121	82.10	82.15	0.05	Flt	Chl	mod	35	
BG11-121	90.80	90.90	0.1	Shear	Chl-epd	mod	40	
BG11-121	91.30	91.33	0.03	flt	Qtz-chl	str	40	
BG11-121	97.05	97.10	0.05	Slip	Chl-ank	Str	30	
BG11-121	98.33	98.36	0.03	flt	Chl-ser	str	30	
BG11-121	105.30	106.50	1.2	Shear	Chl-ser-ank	Str	45	
BG11-121	106.20	106.30	0.1	Fault	Chl-ser-sil-ank	str	35	Poss Bidgood Break ?
BG11-121	107.30	107.60	0.3	Shear	chl-ser-ank	str	30	
BG11-121	108.40	108.50	0.1	Shear	Chl-ser-ank	str	35	
BG11-121	115.00	115.15	0.15	Shear	Chl-ser-ank	mod	30	
BG11-121	118.20	118.30	0.1	Slip	chl	str	45	
BG11-121	132.80	132.83	0.03	Shear	Chl-ank-qtz	str	40	
BG11-121	133.70	133.73	0.03	Shear	Chl-ank-qtz	str	45	
BG11-121	138.45	138.48	0.03	Shear	Chl-epd	Mod	40	
BG11-121	142.65	142.68	0.03	Slip	Chl	Wk	40	
BG11-121	146.80	147.00	0.2	Fault	Chl-qtz	str	40	gouge + breccia
BG11-121	159.60	159.63	0.03	flt	Chl-ank	str	60	
BG11-121	166.20	166.23	0.03	Shear	Chl-epd	str	45	
BG11-121	191.00	191.10	0.1	flt	Chl-carb	str	45	
BG11-121	193.10	193.13	0.03	Slip	chl	str	30	
BG11-121	194.60	194.67	0.07	Shear	Chl-mag	mod	30	
BG11-121	197.80	197.85	0.05	Slip	Chl-epd	mod	30	
BG11-121	201.80	201.83	0.03	Shear	Chl-epd	str	90	
BG11-121	203.98	204.01	0.03	Shear	Chl-epd	str	25	

Hole_ID	From	To	Width	Fault_Type	Fault_Modifier	Fault_Intensity	Core Angle	Comments
BG11-121	209.55	209.65	0.1	Shear	Chl-epd	str	40	
BG11-121	213.90	213.93	0.03	flt	Chl-carb-epd	str	45	
BG11-121	214.10	214.13	0.03	Slip	chl	str	50	
BG11-122	12.20	12.23	0.03	flt	chl	str	70	
BG11-122	20.80	20.83	0.03	flt	chl	str	70	
BG11-122	39.80	39.83	0.03	flt	chl	str	75	
BG11-122	43.00	43.03	0.03	flt	chl	str	70	
BG11-122	95.20	95.23	0.03	flt	chl	str	65	
BG11-122	97.60	97.63	0.03	flt	chl	str	40	
BG11-122	117.50	117.53	0.03	flt	chl	mod	80	
BG11-122	124.40	124.43	0.03	slip	chl	str	80	
BG11-122	127.55	127.58	0.03	slip	chl	str	80	
BG11-122	128.80	128.83	0.03	slip	chl	str	75	
BG11-122	135.90	136.20	0.3	flt	chl	str	56	cr'd; extremely bl'd
BG11-122	123.55	123.58	0.03	flt	chl	mod	80	
BG11-122	149.95	149.98	0.03	flt	chl	str	70	
BG11-122	149.50	149.53	0.03	flt	chl	str	60	
BG11-122	167.50	167.53	0.03	slip	chl	str	25	
BG11-122	168.60	168.63	0.03	slip	chl	str	80	
BG11-124	6.80	6.82	0.02	Slip	carb+chl	weak	45	
BG11-124	9.45	9.46	0.01	Slip	chl	weak	35	at contact Syn-FP
BG11-124	11.30	11.50	0.20	Fracture	py+carb	weak	45	
BG11-124	13.30	13.80	0.50	Slip	slip flt qtz+dol	weak	0	
BG11-124	**22.15**	**22.47**	**0.32**	**Shear**	**chl+qtz+dol+py+cpy**	**strong**	**45**	**shear at 30 to 50 deg TCA**
BG11-124	23.40	23.60	0.20	Fracture	purple qtz+white qtz-dol+chl	strong	55	
BG11-124	28.10	28.20	0.10	Slip	flt with qtz-dol + py+chl	weak	25	
BG11-124	37.77	37.80	0.03	Shear	ser+chl	weak	35	at FP-Syn contact
BG11-124	48.00	51.40	3.40	Fracture	localized frac's with carb+chl+qtz+dol with occasional py	moderate		20 to 45 deg TCA
BG11-124	76.70	76.71	0.01	Slip	dk qtz	weak	45	
BG11-124	91.70	91.72	0.02	Slip	Slip-flt + chl+sil-dol	weak	20	
BG11-124	94.80	95.50	0.70	Fracture	three 0.5 to 2cm slip frac's with qtz+chl+py	moderate	20	
BG11-124	98.70	98.80	0.10	Flt	flt-slip-frac+chl+ser+qtz-dol+py	strong	35	possibly along bedding planes
BG11-124	105.30	105.35	0.05	Flt	flt-slip with chl	weak	20	
BG11-124	109.05	109.06	0.01	Slip	qtz-dol +ser+chl	weak	80	
BG11-124	113.00	113.01	0.01	Flt	qtz-dol+ser	weak	60	
BG11-124	115.80	115.82	0.02	Slip	qtz-dol+ser+chl	weak	60	

Hole_ID	From	To	Width	Fault_Type	Fault_Modifier	Fault_Intensity	Core Angle	Comments
BG11-124	117.50	117.60	0.10	Fracture	qtz-dol+chl	weak	75	
BG11-124	118.00	118.50	0.50	Slip	chl	weak	0	
BG11-124	122.40	122.60	0.20	Flt	qtz-dol+ser+chl	moderate	10	
BG11-124	131.15	149.10	17.95	Slip	intermittent slips & slip flts with chl + minor ser + usually adj qtz vn's	weak		slips at 131.15, 131.5, 133, 133.06, 136.4, 136.5, 140.34, 140.66, 144.1, 148.9, 149.1 at predominantly 70 to 90 deg TCA
BG11-124	**174.40**	**177.10**	**2.70**	**Fracture**	**flt-slips-fracture zone; 6 to 7 cm wide 95% py vn's + carb+qtz+dol; flt-bx at 177m**	**strong**		**vn's and flt-slips at 40 deg TCA; other slips-frac's at 50 to 60 deg TCA**
BG11-124	180.00	180.20	0.20	Slip	qtz+carb	weak	10	
BG11-124	182.30	183.05	0.75	Fracture	network frac'ing with carb+qtz+chl	weak		
BG11-124	184.60	184.80	0.20	Slip	carb+chl	weak	10	
BG11-124	185.50	187.40	1.90	Fracture	chl+carb	strong	45	
BG11-124	199.90	200.70	0.80	Fracture	hairline with chl in FP	moderate	20	
BG11-124	202.70	202.71	0.01	Flt	carb+chl	weak	70	
BG11-124	221.40	223.50	2.10	Flt	slip-flt+carb+qtz+chl	strong	0	
BG11-124	247.00	256.50	9.50	Blocky Ground				RQD=75%
BG11-124	272.70	272.71	0.01	slip	chl+carb vn	weak	25	
BG11-124	273.76	273.77	0.01	Flt	2 cm wide carb + chl vn	moderate	50	
BG11-124	276.75	276.76	0.01	Flt	qtz+carb vn	weak	90	
BG11-124	274.50	275.50	1.00	Blocky Ground				
BG11-124	278.50	279.50	1.00	Fracture	chl+carb+qtz in hairline frac's	strong	90	
BG11-124	286.50	288.50	2.00	Blocky Ground				RQD=50%
BG11-124	292.20	292.25	0.05	Slip	slip-flt chl+ carb vn	weak	15	
BG11-124	292.90	292.91	0.01	Slip	chl+py	weak	30	
BG11-124	298.30	298.31	0.01	Slip	slip-flt+chl+carb vn	weak	35	
BG11-124	321.00	334.50	13.50	Blocky Ground				RQD=50%; 325.85 to 326m frac'd zone; 326.5m flt-slip at 85 deg TCA with carb+chl; 330.35 m 5cm wide qtz+carb+chl flt-slip at 90 deg TCA
BG11-124	336.20	336.23	0.03	Flt	carb+chl	weak	75	
BG11-124	347.20	347.40	0.20	Slip	with chl+adjacent carb vn'ing	weak	25	
BG11-124	362.20	362.50	0.30	Shear	leuc flecs+carb+chl+py bands	strong	35	
BG11-124	363.00	363.03	0.03	Slip	Slip Flt with adjacent 2cm carb+qtz vn	moderate	5	

Hole_ID	From	To	Width	Fault_Type	Fault_Modifier	Fault_Intensity	Core Angle	Comments
BG11-124	387.50	387.55	0.05	Slip	slip with qtz+5cm wide red porphyry	moderate	40	
BG11-124	393.73	393.77	0.04	Slip	qtz-carb vn 3cm wide	weak	85	
BG11-124	396.60	396.90	0.30	Flt	3cm wide carb+qtz vn +chl+gf+py	strong	10	
BG11-124	402.10	402.30	0.20	Flt	2.5cm wide qtz-carb vn	strong	20	
BG11-124	404.00	404.20	0.20	Flt	1.5cm qtz-dol-carb+chl+gf+py	strong	15	
BG11-124	405.10	405.25	0.15	Slip	ser+carb+qtz bx	moderate	35	
BG11-124	407.60	419.50	11.90	Fracture	brittle frac's with qtz-dol+ minor carb with perv tan-brown alt'n in matrix	moderate		
BG11-124	411.70	411.75	0.05	Flt	ser+chl	strong	30	
BG11-124	425.97	426.00	0.03	Flt	qtz+chl vn	moderate	75	
BG11-124	428.90	429.40	0.50	Flt	qtz-dol+chl	strong	0	
BG11-124	434.50	434.70	0.20	Flt	carb+chl	strong	10	
BG11-124	463.50	464.00	0.50	Shear	20% py in qtz+chl-shear-slips	moderate	15	shear slips at 5 to 20 deg TCA
BG11-124	493.00	498.80	5.80	Flt	Main Bidgood Break	strong		variable angles 0 to 50 deg TCA; strong shearing starts at 493.3m, Main Bidgood Break Flt gouge at 496m at 20 deg TCA and 5cm wide flt gouge at 498.6 to 498.7m; sharp contact at 498.8 at 50 deg TCA
BG11-124	513.60	517.60	4.00	Shear	Shear-Flt - ductile - brittle	strong	15	10-20 deg TCA; flt gouge at 516.1 at 15 deg TCA
BG11-124	528.60	529.20	0.60	Slip	chl + carb+qtz	weak	0	
BG11-124	534.00	534.10	0.10	Flt	carb+bx	moderate	25	
BG11-124	537.50	538.20	0.70	Slip	chl+qtz	weak	0	
BG11-124	555.00	556.40	1.40	Shear	weak foliation fabric	weak	25	
BG11-125	7.30	8.00	0.70	Slip	chl+qtz	weak	0	
BG11-125	8.50	8.60	0.10	Fracture	py+ qtz-dol	weak		
BG11-125	5.30	5.80	0.50	Shear	frac's with chl+py	moderate	25	
BG11-125	20.00	20.35	0.35	Shear	chl+qtz-dol vn'ing	moderate	55	
BG11-125	43.65	43.75	0.10	Flt	porcelain white carb+grey qtz + py+chl	moderate	60	
BG11-125	47.50	48.00	0.50	Shear	ser+mild redoxy'd hem+qtz-dol vning	moderate	60	
BG11-125	67.70	70.70	3.00	Shear	multiple slips with ser + fg py and 30-40% late white qtz-dol vn'ing	moderate	35	

Hole_ID	From	To	Width	Fault_Type	Fault_Modifier	Fault_Intensity	Core Angle	Comments
BG11-125	72.00	79.66	7.66	Fracture	qtz-dol vn'lets	weak		
BG11-125	81.20	81.21	0.01	Flt	qtz-dol+ser+chl	weak	25	
BG11-125	119.90	120.62	0.72	Fracture	py in vn-frac's and qtz	moderate	35	flt slips at 119.9 and 120.3m at 45 deg TCA and 35 deg TCA
BG11-125	126.60	127.70	1.10	Fracture	chl+py+qtz	weak		
BG11-125	235.87	235.95	0.08	Shear	local - chl+carb+py	weak	65	
BG11-125	238.50	239.30	0.80	Slip	adjacent qtz vn with epi halo	weak	5	
BG11-125	243.55	243.83	0.28	Shear	local or slips, carb vn with py +epi halo	weak	15	
BG11-125	259.30	260.80	1.50	Fracture	10% leuc flecs + 260.2 to 260.6m brown sil section	moderate	60	Flt at 259.3m at 85 deg TCA with sil; Strong Flt 260.7 to 260.8m bx+chl+carb at 60 deg TCA
BG11-125	293.50	297.20	3.70	Slip	slips with carb+epi+py+leuc flec halos	moderate	0	
BG11-125	301.90	303.50	1.60	Slip	slips with carb+epi+py+leuc flec halos	moderate	5	
BG11-125	325.60	326.30	0.70	Shear	brittle frac'ing with 15-30% qtz+carb vn'ing + chl	strong	45	shear zone starts at 325.6 at 25 deg TCA with a 0.25 cm wide py band; frac's + vn's at 45 to 50 deg TCA
BG11-125	332.10	332.20	0.10	Slip	carb+chl	weak	70	
BG11-125	348.25	348.40	0.15	Slip	multi slips with chl+ser	moderate	65	
BG11-125	341.60	353.50	11.90	Blocky Ground				
BG11-125	364.34	364.35	0.01	Flt	qtz-dol vn'lets	weak	70	
BG11-125	367.30	367.31	0.01	Flt	flt-slip at diorite-FP contact	strong	90	
BG11-125	368.10	368.60	0.50	Slip	adjacent qtz-dol vn	strong	0	
BG11-125	368.95	368.96	0.01	Slip	chl	moderate	45	
BG11-125	370.36	370.37	0.01	Flt	slip - 2cm wide qtz-dol vn	weak	70	
BG11-125	374.60	374.70	0.10	Shear	chl	moderate	10	
BG11-125	375.50	375.90	0.40	Shear	qtz-dol-chl	strong	30	20 to 45 deg TCA
BG11-125	379.60	379.63	0.03	Slip	adjacent carb vn	weak	85	
BG11-125	396.30	398.40	2.10	Slip	adjacent 1 to 3cm wide carb + chl vn	weak	0	
BG11-125	408.70	411.20	2.50	Flt	carb+qtz+chl with ser alt'n in diorite bx some frac's adjacent to flt with p	strong	0	
BG11-125	408.70	411.20	2.50	Flt	flt-slip qtz+carb+ser-chl margins+ adjacent minor py	strong	5	5 to 10 deg TCA

Hole_ID	From	To	Width	Fault_Type	Fault_Modifier	Fault_Intensity	Core Angle	Comments
BG11-125	430.10	433.40	3.30	Shear	ser+chl+qtz-carb	weak		25 to 70 deg TCA
BG11-125	447.20	447.65	0.45	Flt	gouge + chl + strong carb	strong	35	30 to 45 deg TCA
BG11-125	454.50	455.00	0.50	Shear	brittle - chl+ser	weak	35	35 to 45 deg TCA
BG11-125	455.60	455.70	0.10	Flt	chl + adjacent qtz vn	strong	60	
BG11-125	457.55	457.56	0.01	Flt	chl gouge	moderate	25	
BG11-125	466.20	466.25	0.05	Flt	chl-ser	weak	15	
BG11-125	488.85	488.87	0.02	Breccia	Flt breccia with chl matrix	moderate	75	
BG11-125	491.20	491.22	0.02	Slip	flt-slip + qtz	weak	25	
BG11-125	527.20	531.30	4.10	Slip	mutli sub-parallel flt-slips at 0 to 5 to 25 deg TCA assoc qtz-dol vn'ing	moderate		
BG11-125	550.20	556.40	6.20	Fracture	qtz-dol vn'ing + chl + ser	strong		5 and 40 deg TCA; strong flt's at 554.25 to 554.4m Flt Bx at 55 deg TCA and Flt+gouge at 556.38 to 556.45m at 25 deg TCA
BG11-126	10.50	12.30	1.80	Fracture	frac-slips with chl + qtz-dol+py	weak		45 to 0 deg TCA
BG11-126	19.45	19.47	0.02	Slip	qtz+chl+qtz vn	weak	45	
BG11-126	24.40	24.43	0.03	Fault	qtz+carb+chl+py	strong	20	minor gouge
BG11-126	62.90	63.30	0.40	Fault	carb+chl	strong	5	
BG11-126	63.30	64.90	1.60	Fracture	carb in frac's+ chl	moderate		frac's at 30 to 90 deg TCA
BG11-126	71.70	71.80	0.10	Slip	chl+carb+py	weak	20	2cm wide carb vn
BG11-126	85.40	87.70	2.30	Shear	brittle+moderate ser+chl+some moly vn's	moderate	20	shear is 15 to 25 deg TCA
BG11-126	89.80	89.85	0.05	Shear	localized 2cm wide, chl qtz-dol	weak	25	
BG11-126	107.60	110.00	2.40	Fracture	brittle - qtz-dol-carb	moderate		0 to 30 deg TCA
BG11-126	123.60	124.50	0.90	Shear	brittle-chl+qtz-dol	weak	15	
BG11-126	138.26	138.34	0.08	Breccia	carb matrix + breccia	strong	35	
BG11-126	168.30	168.32	0.02	Flt	carb+chl	weak	80	
BG11-126	177.30	179.00	1.70	Shear	carb+chl+py	moderate	55	
BG11-126	183.50	183.51	0.01	Shear	local with chl+carb+py	weak	15	
BG11-126	196.70	196.72	0.02	Slip	chl with adjacent carb vn	moderate	55	
BG11-126	241.45	241.64	0.19	Shear	local + carb+spec hem	weak	25	
BG11-126	269.00	281.00	12.00	Blocky Ground				
BG11-126	285.13	285.14	0.01	Flt	minor gouge	weak	75	
BG11-126	363.05	363.28	0.23	Breccia	flt-slip bx +carb fill	moderate	80	

Hole_ID	From	To	Width	Fault_Type	Fault_Modifier	Fault_Intensity	Core Angle	Comments
BG11-126	371.71	371.75	0.04	Flt	flt-slip + qtz+dol+carb	weak	90	
BG11-126	376.20	376.30	0.10	Flt	qtz-dol-carb-chl	moderate	15	
BG11-126	377.20	377.23	0.03	Shear	qtz+ser+chl	weak	25	
BG11-126	388.95	389.10	0.15	Flt	chl-gouge	moderate	15	
BG11-126	390.50	390.51	0.01	Flt	carb+qtz-dol	weak	65	
BG11-126	390.75	392.00	1.25	Slip	carb+chl	weak	0	
BG11-126	401.20	401.40	0.20	Shear	localized, slips	weak	30	25 to 35 deg TCA
BG11-126	412.30	412.70	0.40	Slip	carb+chl	weak	5	
BG11-126	429.00	429.80	0.80	Shear	carb+chl	weak	30	
BG11-126	431.70	431.80	0.10	Slip	flt-slip chl	weak	25	
BG11-126	438.00	443.20	5.20	Shear	brittle frac'ing with chl+ser	moderate	25	
BG11-126	460.35	460.55	0.20	Shear	at Diorite-FP contact chl alt'n	moderate	35	
BG11-126	466.50	466.80	0.30	Shear	shear-flt - chl+qtz-dol+py	moderate	20	
BG11-126	488.60	489.00	0.40	Flt	Flt-shear with strong confined qtz-dol=chl vn 3cm wide + 25%py	strong	15	
BG11-126	494.70	494.71	0.01	Flt	chl+qtz+py	moderate	35	
BG11-126	496.50	497.40	0.90	Fracture	wispy, discontinuous frac's with ser+py	weak		frac's 30 to 45 deg TCA
BG11-126	503.10	503.13	0.03	Flt	ser+chl+qtz-carb	moderate	30	
BG11-126	519.95	520.20	0.25	Flt	shear - beginning of alt'n py zone	strong	10	
BG11-126	**520.20**	**530.90**	**10.70**	**Shear**	**South Zone? - qtz-dol + ser+chl- brittle to ductile**	**strong**	**10**	**527 to 526m strong flt at 10 deg TCA with cataclasite+ser+chl; 528 to 528.5m 0 deg TCA slip; 530.4 to 530.8m slip flt at 5 deg TCA with chl+ser**
BG11-126	544.50	544.52	0.02	Flt	qtz-dol+chl	weak	25	
BG11-126	544.90	544.92	0.02	Flt	chl+ser	weak	25	
BG11-126	556.60	560.00	3.40	Flt	four sub-parallel flts at 15 and 45 deg TCA with chl+ser+minor qtz-dol	strong		15 and 45 deg TCA
BG11-126	**567.40**	**571.00**	**3.60**	**Flt**	**Main Bidgood Break with Flt gouge from 570.75 to 570.9m**	**strong**	**15**	**strong ser+ qtz-dol alt'n in strongly frac'd zone with 2-8% py along frac slips and 1-5% spec hem**
BG11-126	586.10	587.40	1.30	Shear	brittle- minor ductile with sil + ser alt'n + py	moderate	25	

Hole_ID	From	To	Width	Fault_Type	Fault_Modifier	Fault_Intensity	Core Angle	Comments
BG11-127	10.65	10.66	0.01	Flt	at Syenite-FP contact	moderate	40	
BG11-127	21.80	22.00	0.20	Shear	Flt shear +qtz-dol+py+ser	strong		35 and 60 deg TCA
BG11-127	23.00	23.40	0.40	Breccia	black qtz matrix + FP breccia at FP-Argillite contact	strong	55	
BG11-127	35.00	35.10	0.10	Flt	qtz-dol+chl+bx	moderate	40	at Argillite-Syn contact
BG11-127	45.90	47.60	1.70	Fracture	shear-fracture with ser+chl+py	weak	50	
BG11-127	57.60	59.00	1.40	Shear	chl+carb+red oxy'd hem+ minor py in slips	moderate	30	25 to 45 deg TCA
BG11-127	75.25	75.52	0.27	Flt	flt-frac zone with 7cm qtz-dol+chl in frac's + bx band+ 4cm 35% py	strong	45	bx flt band at 45 deg TCA with frac's at 50 to 60 deg TCA
BG11-127	82.70	82.80	0.10	Slip	chl	moderate	5	
BG11-127	96.30	96.40	0.10	Flt	qtz-dol	moderate	25	
BG11-127	97.20	97.25	0.05	Slip	chl+qtz-dol	weak	15	
BG11-127	100.80	100.92	0.12	Slip	flt-slip qtz-dol+chl	weak	10	
BG11-127	106.80	106.81	0.01	Slip	irregular with qtz at 80 deg TCA	weak	80	
BG11-127	107.10	107.11	0.01	Slip	qtz+chl	weak	70	
BG11-127	126.10	126.40	0.30	Shear	ser+qtz-dol vn'ing	moderate	5	
BG11-127	141.50	141.51	0.01	Slip	flt-slip - qtz-dol	weak	65	
BG11-127	142.30	144.90	2.60	Fracture	brittle- qtz-dol-chl	weak	70	predominantly 65 to 80 deg TCA; some weak fabric fol'n
BG11-127	157.00	157.55	0.55	Slip	adjacent pink carb vn	weak	5	
BG11-127	166.50	166.55	0.05	Flt	chl-carb	weak		10 and 35 deg TCA
BG11-127	167.00	167.10	0.10	Flt	chl-ser	weak	15	
BG11-127	177.30	177.31	0.01	Slip	carb+chl	weak	70	
BG11-127	179.20	179.25	0.05	Slip	chl	weak	5	
BG11-127	179.50	196.10	16.60	Fracture	brittle fracturing with occasional flt-slips with gf+mo; New Zone?	strong		Flts-slips at 186.1m at 35-45 deg TCA with gf+qtz; 187.3 to 187.5m 7cm wide with qtz+gf at 25 to 30 deg TCA; 191.6 to 191.7m flt bx + black qtz at 40 deg TCA; 196.1m flt at 10 deg TCA
BG11-127	233.25	233.26	0.01	Flt	bx in dk qtz	weak	55	
BG11-127	255.10	256.50	1.40	Fracture	brittle frac's with chl+ser+qtz-carb-dol	moderate		frac's at 45 to 80 deg TCA
BG11-127	256.50	269.80	13.30	Blocky Ground		strong		poor recovery
BG11-127	274.80	274.90	0.10	Flt	6cm wide qtz+dol+black qtz+ser	strong	25	

Hole_ID	From	To	Width	Fault_Type	Fault_Modifier	Fault_Intensity	Core Angle	Comments
BG11-127	275.50	276.03	0.53	Slip	ser+chl+qtz + py	moderate	0	
BG11-127	279.50	279.51	0.01	Slip	slip-flt grey carb	weak	50	
BG11-127	282.25	282.30	0.05	Slip	chl+carb	weak	25	
BG11-127	283.00	283.10	0.10	Slip	chl+qtz+dol	weak	65	
BG11-127	286.80	287.20	0.40	Slip	two slip-flt's with 2 cm wide qtz-dol vn's	weak		slip flt at 286.8 and at 287.2m at 80 and 65-70 deg TCA
BG11-127	288.80	289.00	0.20	Shear	chl+py band+qtz-dol vn'ing	moderate	30	
BG11-127	302.76	302.80	0.04	Shear	chl-mag w cse diss py + hem bands	weak	65	
BG11-127	305.00	305.03	0.03	Shear	qtz-dol-chl	weak	70	
BG11-127	306.20	306.25	0.05	Slip	5 cm qtz-dol vn w chl stringers + flt breccia	strong	25	
BG11-127	309.70	309.80	0.10	Shear	chl-ser w ass qtz-dol-moly vn	strong	30	
BG11-127	325.92	326.00	0.08	Shear	chl-ser-moly	strong	35	
BG11-127	327.60	327.63	0.03	Slip	chl-ser	strong	25	slip within weak to moderate pervasive pink sil-dol alt zone from 325.4-327.7
BG11-127	331.90	331.98	0.08	Shear	chl-ser	moderate	45	in 5 cm pink sil-dol alt zone w ass brecciated qtz-ank vns + BC ind poss flt?
BG11-127	338.42	338.46	0.04	Slip	chl-qtz-dol	moderate	65	
BG11-127	339.00	351.40	12.40	Blocky Ground				
BG11-127	352.73	352.78	0.05	Shear	ser-chl-dol	moderate	50	
BG11-127	354.30	354.35	0.05	Slip	dol-moly-chl	strong	55	Slip within 10 cm weak to moderately pervasive pink sil-dol alt zone
BG11-127	364.65	364.80	0.15	Shear	**Start of Main South Zone with chl-ser shear w hem staining +py**	strong	35	**South zone between 364.6-377.7; generally zone has 15-20% leux + 2-10% diss md to cse py + zones w >80% py**
BG11-127	384.75	384.79	0.04	Slip	chl	weak	25	
BG11-127	391.90	391.95	0.05	Slip	chl-dol	moderate	30	ass w 10 cm of broken core poss slip flt
BG11-127	394.70	394.75	0.05	Slip	chl-dol	moderate	0	ass w 30 cm of broken core poss slip flt
BG11-127	400.67	400.70	0.03	Slip	chl-dol	moderate	30	
BG11-127	408.52	408.56	0.04	Shear	chl-epd-dol-py	moderate	65	
BG11-127	420.13	420.17	0.04	Slip	dol-mag-chl	strong	50	
BG11-127	425.47	425.53	0.06	flt	6 cm wide qtz-dol-chl + mn ser	moderate	45	
BG11-127	440.62	440.68	0.06	Shear	chl-epd-dol-qtz w mn hem staining	strong	70	
BG11-127	473.00	478.40	5.40	flt	**Main Bidgood Break with Flt gouge from 473-473.1 m**	strong	30	**strong ser-chl + qtz-dol alt'n in strongly frac'd zone + dol clasts inclusions**

Hole_ID	From	To	Width	Fault_Type	Fault_Modifier	Fault_Intensity	Core Angle	Comments
BG11-127	483.40	493.00	9.60	Shear	Shear zone related to Bidgood Main Break w qtz-dol-chl alt + py	strong	40	
BG11-127	498.60	498.64	0.04	Shear	chl-dol	weak	40	
BG11-127	503.44	503.48	0.04	Slip	qtz-dol w py	moderate	25	
BG11-128	10.80	10.82	0.02	Slip	dol-chl	moderate	25	
BG11-128	24.30	24.33	0.03	Flt	dol-chl-ser	moderate	35	flt-shear w 40% py
BG11-128	52.43	52.46	0.03	Flt	qtz-dol	strong	30	
BG11-128	64.10	64.15	0.05	Shear	qtz-ank-chl w py	strong	30	
BG11-128	82.20	82.40	0.20	Fault	chl-ank	strong	30	3 cm 95% cse py zone ass w brecciated chl-ank flt
BG11-128	83.14	83.20	0.06	Slip	chl w py	strong	15	
BG11-128	111.55	111.60	0.05	Slip	chl-ser-ank	moderate	15	
BG11-128	117.20	117.40	0.20	Fault	chl-carb	strong	10	
BG11-128	119.50	119.54	0.04	Shear	chl-dol-ank	weak	45	
BG11-128	124.26	124.30	0.04	Slip	qtz-carb-chl-ser w py	moderate	35	
BG11-128	141.35	141.37	0.02	Slip	chl-dol	weak	70	
BG11-128	143.58	143.60	0.02	Shear	chl-carb	moderate	80	
BG11-128	146.90	146.91	0.01	Shear	chl-carb	moderate	85	
BG11-128	152.50	152.90	0.40	Fault	black qtz matrix + BFP Breccia	strong	15	
BG11-128	158.31	158.33	0.02	Shear	qtz-dol-chl	weak	60	
BG11-128	177.08	177.10	0.02	Slip	hem-chl-carb-qtz	moderate	35	
BG11-128	182.42	182.44	0.02	Slip	chl-qtz-dol	moderate	55	
BG11-128	226.00	226.20	0.20	Shear	sil-chl-py	strong	20	Start of a highly sil'd New Zone w 10-15% sulphide
BG11-128	230.20	230.35	0.15	Shear	ser-ank-chl	strong	60	Localized shear marks major start of change in lithology
BG11-128	231.20	231.35	0.15	Slip	chl	strong	15	slip flt w ass ank-qtz-chl py min'd vn
BG11-128	237.65	237.75	0.10	Slip	ank-chl	moderate	15	
BG11-128	244.13	244.16	0.03	Slip	qtz-chl	moderate	65	
BG11-128	248.60	252.00	3.40	Broken Ground				
BG11-128	282.50	283.10	0.60	Shear	chl-carb-ser-qtz	strong	65	Large shear zone is gradational contact between FP and diorite
BG11-128	303.60	303.66	0.06	Shear	qtz-carb-chl-moly w py	moderate	50	
BG11-128	308.47	308.52	0.05	Slip	qtz-carb-chl-moly	moderate	50	
BG11-128	313.46	313.50	0.04	Slip	qtz-moly vn w py	moderate	35	
BG11-128	326.10	330.20	4.10	Shear	sheared carb vns -chl-ser	moderate	55	
BG11-128	333.70	333.85	0.15	Shear	qtz-carb-chl w py	strong	75	
BG11-128	336.00	336.70	0.70	Shear	carb-chl-epd	moderate	70	
BG11-128	356.25	356.30	0.05	Shear	chl-carb	weak	70	
BG11-128	362.51	362.53	0.02	Slip	moly	moderate	65	
BG11-128	382.00	387.60	5.60	Broken Ground				

Hole_ID	From	To	Width	Fault_Type	Fault_Modifier	Fault_Intensity	Core Angle	Comments
BG11-128	462.50	462.60	0.10	Slip	chl-carb	strong	15	flt slip
BG11-128	522.60	527.50	4.90	flt	**Main Bidgood Break with Flt gouge from 525.9 to 526 m**	strong	25	**heavily sheared and chl alt'd w carb veining and py mineralization**
BG11-128	535.20	544.60	9.40	Shear	Shear zone related to Bidgood Main Break w qtz-dol-chl alt + py	strong	30	
BG11-128	600.45	600.50	0.05	Slip	chl-carb	weak	55	
BG11-128	601.15	601.25	0.10	Slip	qtz-carb-chl w py	moderate	15	
BG11-128	609.13	609.18	0.05	Shear	chl-ser-carb shear followed by a 20 cm sil'd zone	strong	45	
BG11-128	621.25	621.45	0.20	Shear	carb-chl	moderate	35	
BG11-128	647.15	647.30	0.15	Shear	carb+chl+brittle frac'ing	weak	40	30 to 45 deg TCA
BG11-128	648.30	648.32	0.02	Slip	chl - slip-flt	weak	25	
BG11-128	653.20	653.50	0.30	Shear	chl+carb	weak	45	
BG11-128	654.30	654.34	0.04	slip	chl+ser	weak	60	
BG11-128	654.60	655.30	0.70	Shear	chl+ser+leuc flecs	weak	70	
BG11-128	660.40	660.44	0.04	Flt	carb+chl+vn bx	strong	50	
BG11-128	665.20	665.60	0.40	Shear	chl+ser+qtz-dol	weak	65	
BG11-128	678.70	679.00	0.30	Shear	chl+15% carb vn'ing	weak	35	
BG11-128	689.90	689.92	0.02	Shear	local shear with carb vn'ing	weak	55	
BG11-128	698.60	698.74	0.14	Shear	ser+chl at Diorite-FP contact	moderate	80	
BG11-129	11.80	15.20	3.4	slip	chl	str	15	
BG11-129	38.00	38.35	0.35	slip	chl	str	12	
BG11-129	29.75	29.78	0.03	slip	chl	mod	30	
BG11-130	13.50	13.53	0.03	slip	chl	str	30	
BG11-130	30.90	30.93	0.03	slip	chl	str	45	
BG11-130	46.30	46.38	0.08	slip	chl	str	25	
BG11-130	47.40	47.50	0.1	flt	chl	str	18	1/4" gouge
BG11-130	60.50	60.58	0.08	slip	chl	str	25	
BG11-130	75.60	75.63	0.03	flt	chl	str	40	1/8" gouge
BG11-130	77.90	77.93	0.03	flt	chl	str	30	
BG11-130	79.40	79.80	0.4	brk	chl	str	30	2" gouge MAIN BRK
BG11-130	89.40	89.43	0.03	flt	chl	str	35	
BG11-130	77.50	77.53	0.03	flt	chl	str	36	
BG11-130	76.80	76.83	0.03	flt	chl	str	45	
BG11-130	86.90	86.93	0.03	flt	chl	str	68	
BG11-130	110.80	110.83	0.03	slip	chl	str	15	
BG11-130	119.50	120.20	0.7	slip	chl	str	10	
BG11-130	126.40	126.90	0.5	flt	chl	str	7	

Hole_ID	From	To	Width	Fault_Type	Fault_Modifier	Fault_Intensity	Core Angle	Comments
BG11-130	144.85	144.88	0.03	slip	chl	str	45	
BG11-131	34.75	34.85	0.1	flt	chl	str	20	1/4" gouge
BG11-131	59.20	59.23	0.03	slip	chl	str	40	
BG11-131	72.70	72.73	0.03	slip	chl	mod	30	
BG11-131	88.85	88.88	0.03	flt	chl	str	27	1/8" gouge
BG11-131	89.20	89.23	0.03	flt	chl	str	27	
BG11-131	90.00	90.03	0.03	flt	chl	str	15	
BG11-131	93.10	94.50	1.4	flt	chl	str	22	gouge- here and there
BG11-131	79.00	79.03	0.03	flt	chl	str	30	
BG11-132	8.30	8.40	0.1	shr	chl-ser	wk	25	
BG11-132	66.10	66.13	0.03	flt	chl	str	60	
BG11-132	110.60	110.63	0.03	flt	chl	str	45	
BG11-132	111.70	111.73	0.03	flt	chl	str	70	
BG11-132	119.25	119.28	0.03	flt	chl	str	40	
BG11-132	118.85	118.88	0.03	flt	chl	str	45	
BG11-132	120.00	120.03	0.03	flt	chl	str	45	
BG11-132	122.20	122.23	0.03	flt	chl	str	45	
BG11-132	123.60	123.80	0.2	flt	chl	str	50	MAIN BRK-all gouge
BG11-132	116.90	117.00	0.1	flt	chl	str	25	
BG11-132	126.70	126.73	0.03	flt	chl	str	30	
BG11-132	133.00	133.03	0.03	flt	chl	str	37	
BG11-133	11.40	11.43	0.03	flt	chl	str	45	
BG11-133	29.95	29.98	0.03	slip	chl	str	70	
BG11-133	37.10	37.13	0.03	slip	chl	str	80	
BG11-133	61.25	61.35	0.1	flt	chl	str	14	1/4" gouge
BG11-133	97.00	97.03	0.03	slip	chl	str	45	
BG11-133	98.00	98.03	0.03	slip	chl	str	70	
BG11-133	105.90	105.93	0.03	flt	chl	str	60	
BG11-133	138.00	138.03	0.03	flt	chl	str	33	MAIN BRK-1" gouge
BG11-133	116.85	116.88	0.03	flt	chl	str	80	
BG11-133	122.55	122.58	0.03	flt	chl	str	35	
BG11-133	122.70	122.73	0.03	flt	chl	str	17	
BG11-133	147.00	147.03	0.03	slip	chl	str	30	
BG11-133	152.70	152.73	0.03	slip	chl	str	35	
BG11-133	165.25	165.28	0.03	flt	chl	str	65	
BG11-134	28.05	28.08	0.03	flt	chl	str	30	1/8" gouge
BG11-134	29.35	29.38	0.03	flt	chl	str	70	
BG11-134	34.50	34.53	0.03	flt	chl	str	25	
BG11-134	39.00	39.60	0.6	BRK	chl	str	45	MAIN BRK-no gouge
BG11-134	36.10	36.13	0.03	flt	chl	str	51	
BG11-134	87.00	87.03	0.03	slip	chl	str	40	
BG11-134	67.50	67.53	0.03	flt	chl	str	80	
BG11-134	58.70	59.20	0.5	flt	chl	str	14	
BG11-134	94.70	94.73	0.03	flt	chl	str	47	1/8" gouge hem'd
BG11-134	128.30	128.33	0.03	slip	chl	str	35	

Hole_ID	From	To	Width	Fault_Type	Fault_Modifier	Fault_Intensity	Core Angle	Comments
BG11-134	133.00	133.03	0.03	slip	chl	str	20	
BG11-134	146.00	146.20	0.2	slip	chl	str	15	
BG11-135	23.20	24.00	0.8	flt	chl	str		"seam"-LC
BG11-135	40.55	40.58	0.03	slip	chl	str	65	
BG11-135	47.00	47.03	0.03	flt	chl	str	45	
BG11-135	53.80	53.90	0.1	flt	chl	str	55	MAIN BRK-1" gouge
BG11-135	55.10	55.13	0.03	flt	chl	str	55	
BG11-135	58.80	59.60	0.8	flt	chl	str	5	
BG11-135	59.80	60.10	0.3	flt	chl	str	20	
BG11-135	75.00	76.50	1.5	flt	chl	str	7	
BG11-135	84.10	84.13	0.03	flt	chl	str	45	
BG11-135	121.95	121.98	0.03	flt	chl	str	40	
BG11-135	133.75	133.78	0.03	flt	chl	str	35	
BG11-135	140.05	140.08	0.03	flt	chl	str	30	
BG11-135	143.50	143.53	0.03	slip	chl	str	10	
BG11-135	187.50	187.53	0.03	slip	chl	str	20	
BG11-135	191.40	191.43	0.03	slip	chl	str	25	
BG11-136	53.00	53.03	0.03	flt	chl	str	55	
BG11-136	55.15	55.18	0.03	flt	chl	str	50	MAIN BRK-no gouge
BG11-136	57.10	57.13	0.03	flt	chl	str	50	MAIN BRK-no gouge
BG11-136	47.70	47.73	0.03	flt	chl	str	70	
BG11-136	60.20	60.23	0.03	slip	chl	str	70	
BG11-136	65.10	65.13	0.03	flt	chl	str	35	
BG11-136	75.95	75.98	0.03	slip	chl	str	30	
BG11-136	101.80	102.20	0.4	slip	chl	str	5	
BG11-136	118.05	118.08	0.03	flt	chl	str	30	
BG11-136	162.30	162.33	0.03	flt	chl	str	45	
BG11-136	179.90	179.93	0.03	flt	chl	str	35	
BG11-136	196.30	196.33	0.03	flt	chl	str	35	
BG11-137	23.20	23.30	0.1	slip	chl	str	5	
BG11-137	26.90	26.93	0.03	flt	chl	str	45	
BG11-137	27.80	27.83	0.03	flt	chl	str	30	
BG11-137	46.20	46.23	0.03	flt	chl	str	46	1/8" gouge
BG11-137	45.00	45.03	0.03	slip	chl	str	30	
BG11-137	51.00	51.03	0.03	slip	chl	str	40	
BG11-137	53.60	53.63	0.03	flt	chl	str	55	1/8" gouge
BG11-137	64.50	54.60	-9.9	flt	chl	str	50	
BG11-137	68.70	70.00	1.3	flt	chl	str	40	1/2"+ 0.1m gouge
BG11-137	81.45	81.48	0.03	flt	chl	str	40	
BG11-137	91.70	91.73	0.03	flt	chl	str	45	
BG11-137	92.85	93.00	0.15	flt	chl	str	25	
BG11-138	21.20	21.45	0.25	Flt	gouge+ bx + chl at FP-Tuff contact	strong	30	
BG11-138	31.70	31.75	0.05	Flt	cataclasite+ ser+chl+qtz-dol	moderate	45	

Hole_ID	From	To	Width	Fault_Type	Fault_Modifier	Fault_Intensity	Core Angle	Comments
BG11-138	74.80	76.00	1.20	Fracture	brittle frac's+grey to porcelain qtz	moderate		20 to 40 deg TCA
BG11-138	94.00	94.90	0.90	Fracture	bone white qtz-dol fill in vn-frac's	moderate	20	
BG11-138	124.70	125.20	0.50	Slip	mutliple slips with chl+qtz-dol	moderate	50	
BG11-138	**181.00**	**187.50**	**6.50**	**Fracture**	**brittle frac'ing w chl+qtz-dol+carb+ser**	**moderate**		**20-25 and 60-65 deg TCA; New Zone**
BG11-138	*189.00*	*190.80*	*1.80*	*Fracture*	*brittle frac's*	*moderate*		*20-30 and 50 -55 deg TCA- probably part of New Zone*
BG11-138	*192.50*	*195.00*	*2.50*	*Fracture*	*brittle frac's*	*weak*		*20-30 and 50 -55 deg TCA- probably part of New Zone*
BG11-138	210.00	210.25	0.25	Flt	min'd breccia w <2 cm angular clasts supported in a chl matrix	moderate	20	breccia is followed by a 35 cm min'd ser-sil shear zone
BG11-138	212.95	213.00	0.05	Slip	chl-carb-qtz w py	moderate	20	
BG11-138	255.00	264.00	9.00	Broken Ground				
BG11-138	281.80	283.70	1.90	Shear	chl-ser-carb-qtz	moderate	45	Represents gradual contact between FP and diorite
	290.00	292.00	2.00	Broken Ground				RDQ=35-40
BG11-138	294.40	297.20	2.80	Broken Ground				RDQ=20
BG11-138	299.00	300.00	1.00	Broken Ground				RDQ=30
BG11-138	306.00	309.00	3.00	Broken Ground				RDQ=10-20
BG11-138	328.00	330.00	2.00	Broken Ground				RDQ=<10
BG11-138	321.30	321.34	0.04	Shear	ser-chl-hem	weak	40	
BG11-138	334.70	334.80	0.10	Slip	qtz-chl-carb	moderate	90	flt slip
BG11-138	339.34	339.39	0.05	Slip	carb w ass k-spar and chl alt	moderate	15	
BG11-138	364.00	364.30	0.30	Shear	qtz-carb-chl-ser w py	strong	65	
BG11-138	419.70	419.72	0.02	Flt	3 cm carb-chl vn adj to flt	weak	75	
BG11-138	421.65	423.00	1.35	Slip	carb-chl	strong	0	flt slips
BG11-138	442.15	442.18	0.03	Shear	epd-ank	moderate	70	
BG11-139	24.86	24.89	0.03	Slip	chl-ser-qtz-carb	moderate	45	
BG11-139	27.44	27.48	0.04	Shear	qtz-chl-epd	strong	50	
BG11-139	64.51	64.54	0.03	Slip	chl	weak	50	
BG11-139	136.40	136.90	0.50	Slip	qtz-carb-chl	strong	0	
BG11-139	142.30	142.70	0.40	Slip	carb-chl-ser	moderate	0	
BG11-139	178.87	178.91	0.04	Slip	qtz-carb-chl vn adj to slip	strong	45	
BG11-139	198.01	198.02	0.01	Shear	ser-chl	moderate	40	
BG11-139	199.91	199.94	0.03	Slip	chl-ser-qtz	weak	55	
BG11-139	232.53	232.55	0.02	Shear	qtz-dol-ank-ser	moderate	75	

Hole_ID	From	To	Width	Fault_Type	Fault_Modifier	Fault_Intensity	Core Angle	Comments
BG11-139	240.50	245.30	4.80	Broken Ground				RQD=30-40
BG11-139	244.56	244.58	0.02	Slip	ank-dol-chl-ser	moderate	80	
BG11-139	268.00	276.00	8.00	Broken Ground				RQD=40-60
BG11-139	284.70	288.00	3.30	Broken Ground				RQD=40-50
BG11-139	291.30	293.00	1.70	Broken Ground				RQD=20-30
BG11-139	294.65	294.67	0.02	Shear	qtz-chl w py	moderate	60	
BG11-139	301.60	317.50	15.90	Broken Ground				RQD=10-60
BG11-139	**318.70**	**319.90**	**1.20**	**Fracture**	**Brittle fracturing with chl-qtz-dol-carb**	**moderate**		**25-35 TCA; Possible New Zone?**
BG11-139	338.16	338.19	0.03	Shear	qtz-carb	weak	65	
BG11-139	342.00	350.00	8.00	Broken Ground				RQD=20-40
BG11-139	372.80	372.86	0.06	Shear	hem-chl-carb-qtz	moderate	45	
BG11-139	405.45	406.25	0.80	Shear	Zone w both carb/sil alt + qtz-carb-chl-hem-ser veining w py min'd	strong	45	lavender alteration w qtz-dol vns, flt slips, ser alt + tr sulphide
BG11-139	410.00	411.00	1.00	Ground Core				
BG11-139	**413.00**	**419.60**	**6.60**	**Fracture**	**brittle fracturing w qtz+carb+chl w 2-15% py overall**	**strong**		**25-35 TCA; South Zone Structure #1 or #2 V**
BG11-139	429.10	429.15	0.05	Shear	qtz-carb-chl	moderate	50	
BG11-139	449.28	449.30	0.02	Fault	flt w adj min'd carb-chl vn	moderate	45	
BG11-139	450.20	450.30	0.10	Fault	flt slips w carb-qtz-chl	moderate	25	
BG11-139	471.80	471.83	0.03	Slip	chl-carb	weak	80	
BG11-139	485.26	485.28	0.02	Slip	hem-chl	weak	55	
BG11-139	**511.70**	**513.80**	**2.10**	**Fracture**	**Brittle fracturing w qtz-carb vning + 25-30% py**	**strong**		**10-20 TCA; possible 20 VN part of a larger min'd zone btw 506.9-514.1m w 2-20% sulphide min'd in py vns @5-25TCA**
BG11-139	534.65	534.75	0.10	Shear	qtz-carb-hem-chl	strong	80	
BG11-139	545.58	545.60	0.02	Fault	qtz-carb vn adj to chl'd flt	weak	20	
BG11-139	**548.70**	**554.00**	**5.30**	**Fault**	**Main Bidgood Break with flt gouge btw 549.95-550.1m**	**strong**	**20**	**heavily sheared and chl alt'd w carb veining and wk py mineralization; within Main Break apart from main flt gouge other small flt at 551.45m @30 TCA**
BG11-139	556.74	556.76	0.02	Fault	min'd chl-carb vn adj to flt	moderate	30	
BG11-140	5.65	5.68	0.03	flt	chl	str	60	
BG11-140	13.60	13.63	0.03	flt	chl	str	45	
BG11-140	15.80	15.83	0.03	flt	chl	str	35	1/8" gouge

Hole_ID	From	To	Width	Fault_Type	Fault_Modifier	Fault_Intensity	Core Angle	Comments
BG11-140	27.60	27.80	0.20	flt	chl	str	20	
BG11-140	48.20	48.23	0.03	flt	chl	str	30	
BG11-140	60.45	60.48	0.03	flt	chl	str	45	
BG11-140	73.00	73.03	0.03	flt	chl	str	45	
BG11-140	126.90	126.93	0.03	flt	chl	str	55	
BG11-140	148.70	148.73	0.03	flt	chl	str	45	
BG11-140	150.25	150.50	0.25	BRK	chl	str	45	MAIN BREAK-all gouge
BG11-140	153.70	153.73	0.03	flt	chl-ser	str	45	
BG11-140	179.60	179.63	0.03	flt	chl	str	60	
BG11-140	176.90	176.93	0.03	flt	chl	str	60	
BG11-140	181.80	181.83	0.03	flt	chl	str	50	
BG11-140	187.10	187.13	0.03	slip	chl	str	65	
BG11-140	190.40	190.43	0.03	flt	chl	str	50	
BG11-141	8.60	8.63	0.03	flt	chl	str	50	
BG11-141	46.80	46.83	0.03	flt	chl	str	40	
BG11-141	82.70	82.73	0.03	flt	chl	str	50	
BG11-141	92.30	92.33	0.03	flt	chl	str	45	
BG11-141	119.20	119.23	0.03	flt	chl	str	35	
BG11-141	122.10	122.13	0.03	flt	chl	str	70	
BG11-141	122.60	122.63	0.03	flt	chl	str	30	
BG11-141	110.80	110.83	0.03	flt	chl	str	80	1/8" gouge
BG11-141	138.10	138.13	0.03	flt	chl	str	50	
BG11-141	144.85	144.88	0.03	flt	chl	str	50	
BG11-141	146.40	146.70	0.30	flt	chl	str	45	2*1/4" gouge
BG11-141	155.55	155.58	0.03	flt	chl	str	45	
BG11-141	158.10	158.13	0.03	flt	chl	str	35	
BG11-141	168.80	168.83	0.03	flt	chl	str	45	
BG11-141	161.10	161.13	0.03	flt	chl-talc	str	52	
BG11-141	196.70	196.73	0.03	flt	chl	weak	70	
BG11-142	11.25	11.28	0.03	flt	chl	str	25	
BG11-142	55.30	55.33	0.03	flt	chl	str	20	
BG11-142	88.80	88.83	0.03	flt	chl	str	20	
BG11-142	90.10	90.13	0.03	flt	chl	weak	10	
BG11-142	90.13	90.16	0.03	flt	chl	str	10	
BG11-142	102.30	102.33	0.20	break?	chl	str	35	gouge
BG11-142	110.08	110.11	0.03	flt	chl	str	30	gouge
BG11-142	112.20	112.23	0.03	flt	chl	str	45	
BG11-142	118.47	118.50	0.03	flt	qtz-ser	weak	50	
BG11-142	119.10	119.30	0.20	flt	chl	str	20	gouge
BG11-142	119.80	119.83	0.03	flt	chl	str	5	
BG11-142	120.65	120.85	0.20	flt	chl	str	40	**MAIN BREAK-all gouge?**
BG11-142	122.70	122.73	0.03	flt	chl	str	70	
BG11-142	123.34	123.37	0.03	flt	chl	str	45	
BG11-142	125.40	125.43	0.03	flt	chl	str	50	
BG11-142	126.10	126.13	0.03	flt	chl	str	55	

Hole_ID	From	To	Width	Fault_Type	Fault_Modifier	Fault_Intensity	Core Angle	Comments
BG11-142	127.67	127.70	0.03	flt	chl	str	30	
BG11-143	21.48	21.51	0.03	flt	chl	weak	30	
BG11-143	27.70	29.20	1.50	flt	chl	str	0-10	fault gouge
BG11-143	44.84	44.87	0.03	flt	chl	str	55	
BG11-143	52.50	52.53	0.03	flt	chl	str	35	
BG11-143	55.90	55.93	0.03	flt	chl	str	50	
BG11-143	**57.90**	**57.93**	**0.03**	**flt**	**chl**	**str**	**55**	**fault gouge, Main Break?**
BG11-143	59.25	59.28	0.03	flt	chl	str	55	
BG11-143	60.36	60.39	0.03	flt	chl	str	55	
BG11-143	77.70	77.73	0.03	flt	chl	str	55	
BG11-143	96.04	96.07	0.03	flt	chl	str	70	
BG11-143	144.00	144.03	0.03	flt	chl	str	60	
BG11-143	145.60	145.63	0.03	flt	chl	str	65	
BG11-143	167.40	167.43	0.03	flt	calcite	str	15	
BG11-143	201.25	201.28	0.03	flt	chl	str	85	
BG11-143	216.00	216.03	0.03	flt	chl	weak	80	
BG11-143	221.18	221.21	0.03	flt	chl	weak	75	
BG11-144	28.40	28.43	0.03	flt	qtz-ser	str	0	"Seam", noted by drillers, broken core, qtz
BG11-144	59.84	59.87	0.03	flt	chl	str	35	
BG11-144	78.18	78.21	0.03	flt	chl	str	45	
BG11-144	82.50	82.53	0.03	flt	chl	weak	10	
BG11-144	89.00	89.03	0.03	flt	chl	str	55	
BG11-144	93.25	93.28	0.03	flt	chl	str	40	
BG11-144	98.73	98.76	0.03	flt	chl	str	25	
BG11-144	105.50	105.53	0.03	flt	chl	str	30	fault gouge
BG11-144	106.85	106.90	0.05	flt	clay	str	45	fault gouge
BG11-144	116.04	116.07	0.03	flt	chl	str	25	
BG11-145	130.10	130.13	0.03	flt	chl	str	45	
BG11-145	135.70	135.73	0.03	flt	chl	str	15	fault gouge
BG11-146	31.72	31.75	0.03	flt	chl	str	45	fault gouge
BG11-146	37.00	37.03	0.03	flt	chl	str	45	slip
BG11-146	64.30	64.33	0.03	flt	chl	str	45	fault gouge
BG11-146	69.70	69.73	0.03	flt	chl	str	40	slip
BG11-146	81.69	81.72	0.03	flt	chl	weak	60	slip
BG11-146	86.10	86.13	0.03	flt	chl- qtz-ser	str	40	cataclasite
BG11-146	89.10	89.17	0.07	flt	clay-silt	str	35	**MAIN BREAK?-all gouge**
BG11-146	95.10	95.13	0.03	flt	chl	str	30	fault gouge
BG11-146	140.40	140.43	0.03	flt	chl	str	40	slip
BG11-148	71.70	71.73	0.03	flt	chl	weak	55	slip
BG11-148	76.10	76.13	0.03	flt	chl	str	70	slip
BG11-149	71.90	71.93	0.03	flt	chl	str	25	fault gouge
BG11-152	44.80	44.95	0.15	flt	chl,hem clay	str	20	**MAIN BREAK?**
BG11-152	46.00	46.03	0.03	flt	chl,hem clay	str	20	slip-fault
BG11-152	47.00	47.03	0.03	flt	hem-chl	str	80	slip-fault
BG11-152	48.20	48.23	0.03	flt	chl	str	50	slip

Hole_ID	From	To	Width	Fault_Type	Fault_Modifier	Fault_Intensity	Core Angle	Comments
BG11-152	56.80	56.83	0.03	flt	chl	str	30	slip
BG11-152	59.80	59.83	0.03	flt	chl	str		slip
BG11-152	60.20	60.30	0.10	flt	clay	str	40	gouge
BG11-152	61.25	61.28	0.03	flt	chl	str	40	slip
BG11-152	61.95	61.98	0.03	flt	chl	str	65	slip
BG11-152	156.10	156.13	0.03	flt	chl	str	45	slip
BG11-153A	41.20	41.23	0.03	flt	chl	str	30	slip
BG11-153A	81.20	82.20	1.00	flt	mud-chl	str	30	**MAIN BREAK**
BG11-153A	85.30	85.33	0.03	flt	chl	str	30	slip
BG11-153A	215.00	215.30	0.30	flt	mud	str	0-10	gouge
BG11-154	18.60	18.63	0.03	flt	chl	str	35	slip
BG11-154	19.00	19.03	0.03	flt	chl	str	20	slip
BG11-154	78.00	78.03	0.03	flt	hem-chl	weak	25	gouge
BG11-154	93.60	93.63	0.03	flt	chl	str	40	gouge
BG11-154	102.00	102.03	0.03	flt	chl	str	10	slip
BG11-154	125.60	125.63	0.03	flt	chl	str	25	gouge
BG11-154	126.85	126.88	0.03	flt	chl	str	30	slip
BG11-154	141.55	141.58	0.03	flt	chl	str	30	slip
BG11-154	143.80	143.83	0.03	flt	chl	str	20	gouge
BG11-154	150.97	151.00	0.03	flt	chl	str	25	slip
BG11-154	153.85	154.80	0.95	flt	mud	str	20-30	**MAIN BREAK through to 156m**
BG-11-155	27.30	27.33	0.03	flt	hem-chl	str	40-45	gouge
BG-11-155	55.96	55.99	0.03	flt	hem-chl	str	30	gouge
BG-11-155	57.70	57.73	0.03	flt	hem-chl	str	30	gouge
BG-11-155	72.30	72.33	0.03	flt	chl	str	40	slip
BG-11-155	72.55	72.58	0.03	flt	chl	str	40	slip
BG-11-155	73.00	73.05	0.05	flt	mud	str	40	**Main Break?**
BG-11-155	74.00	74.03	0.03	flt	chl	str	40	gouge
BG-11-155	75.20	75.23	0.03	flt	mud	str	35	gouge
BG-11-156	66.20	66.23	0.03	flt	mud-hem	str	25	gouge
BG-11-156	79.03	79.06	0.03	flt	mud-py	str	30	gouge
BG-11-156	79.73	79.76	0.03	flt	chl-mud	str	20	gouge
BG-11-156	81.14	81.17	0.03	flt	chl-mud	str	20	gouge
BG-11-156	82.30	82.40	0.10	flt	chl-mud	str	20	**gouge, Main Break?**
BG-11-156	106.50	106.53	0.03	flt	chl-mud	str	35	gouge
BG-11-156	113.87	113.90	0.03	flt	chl	str	30	slip
BG-11-156	116.30	116.33	0.03	flt	chl	str	20	gouge
BG-11-156	124.10	124.13	0.03	slip	chl	str	25	slip
BG-11-156	124.90	125.00	0.10	flt	mud-chl	str	20	**Main Break?**
BG-11-156	128.00	128.03	0.03	flt	chl	str	25	gouge
BG-11-156	131.95	131.98	0.03	flt	chl	str	40	gouge
BG-11-156	133.30	133.33	0.03	flt	chl	str	25	gouge
BG-11-156	133.60	133.63	0.03	flt	chl	str	20	gouge
BG11-157	70.17	70.20	0.03	flt	chl-hem	str	25	gouge
BG11-157	79.90	79.93	0.03	flt	chl	str	20	gouge

Hole_ID	From	To	Width	Fault_Type	Fault_Modifier	Fault_Intensity	Core Angle	Comments
BG11-157	87.22	87.25	0.03	flt	chl	str	45	slip
BG11-157	87.73	87.76	0.03	flt	chl	str	50	slip
BG11-157	97.10	97.13	0.03	flt	chl-mud	str	20	gouge
BG11-157	124.95	124.98	0.03	flt	chl	str	30	gouge
BG11-157	133.60	133.63	0.03	flt	chl	str	20	gouge
BG11-157	134.80	134.83	0.03	flt	chl	str	15-20	gouge
BG11-157	135.50	135.80	0.30	flt	chl	str	10	gouge
BG11-157	146.93	146.96	0.03	flt	chl	str	45	gouge
BG11-157	159.17	159.25	0.08	flt	chl	str	20	gouge
BG11-157	164.90	171.20	6.30	flt	mud-clay-chl	str	20-45	**MAIN BREAK; CATACLASTIC INTERMITTANT**
BG11-157	172.87	172.89	0.02	flt	chl-mud	str	30	gouge
BG11-157	172.95	172.98	0.03	flt	chl	str	35	slip
BG11-157	185.82	185.85	0.03	flt	chl-mud	str	30	gouge
BG-11-158	46.00	46.03	0.03	flt	chl	str	45	slip
BG-11-158	116.90	117.30	0.40	flt	chl-mud	str	10	gouge
BG-11-158	131.60	131.63	0.03	flt	chl	str	20	gouge
BG-11-158	153.20	153.23	0.03	flt	chl	str	30	gouge
BG-11-158	161.80	163.30	1.50	flt	chl	str	0-10	gouge
BG-11-158	174.10	174.20	0.10	flt	chl	str	20	gouge
BG-11-158	179.15	179.20	0.05	flt	chl	str	20	gouge
BG-11-158	185.00	185.10	0.10	flt	chl	str	20	gouge
BG-11-158	198.40	198.47	0.07	flt	chl	str	30	gouge
BG-11-158	201.90	202.00	0.10	flt	chl	str	20	gouge
BG-11-158	203.60	203.67	0.07	flt	chl	str	20	gouge
BG-11-158	242.80	243.00	0.20	flt	chl	str	20	gouge
BG-11-158	250.50	250.70	0.20	flt	chl	str	0-10	fault
BG-11-158	252.00	253.00	1.00	flt	chl	str	0	fault
BG-11-158	257.00	257.50	0.50	flt	chl	str	20	fault
BG-11-159	48.60	48.80	0.20	flt	chl-mud-catacl	str	20	**gouge Main Break?**
BG-11-159	55.55	55.58	0.03	flt	chl	str	25	gouge
BG-11-159	59.70	60.50	0.80	flt	chl-mud-catacl	str	20	**series of gouges Main Break?**
BG-11-159	87.00	87.30	0.30	flt	chl-carb-mud	str	20	gouge
BG-11-159	101.80	102.00	0.20	slip	chl	str	15-20	slip
BG-11-159	115.45	115.48	0.03	flt	chl	str	15	gouge
BG-11-159	121.20	121.23	0.03	flt	chl	str	30	gouge
BG-11-159	134.23	134.26	0.03	flt	chl	str	30	slip
BG-11-159	138.28	138.31	0.03	flt	chl	str	20	gouge
BG-11-159	170.00	170.30	0.30	flt	chl	str	0	slip
BG-11-159	171.60	172.00	0.40	flt	carb-chl	str	15	gouge
BG-11-159	215.30	215.40	0.10	flt	chl	str	20	gouge
BG-11-159	217.80	217.85	0.05	flt	chl	str	20	gouge
BG-11-159	221.13	221.18	0.05	flt	chl	str	30	gouge
BG11-160	8.15	8.90	0.75	Slip	chl+ser+feld alt'n	moderate	20	
BG11-160	84.00	84.03	0.03	Fault	ser+cataclasite	moderate	40	

Hole_ID	From	To	Width	Fault_Type	Fault_Modifier	Fault_Intensity	Core Angle	Comments
BG11-160	111.80	111.83	0.03	Slip	qtz+chl	weak	20	
BG11-160	132.24	132.25	0.01	Slip	flt-slip 1cm wide adjacent qtz vn+ser	weak	45	
BG11-160	155.60	155.70	0.10	Fracture	brittle hairline frac's	weak	60	
BG11-160	157.20	157.21	0.01	Slip	adjacent 1.5cm wide qtz vn	weak	30	
BG11-160	164.00	164.10	0.10	Slip	Flt-slip at with ser+qtz-dol vn'ing+chl	moderate	25	
BG11-160	187.70	187.72	0.02	Slip	frac-slips with ser+ adjacent qtz-dol vn'ing	weak	75	
BG11-160	195.50	196.00	0.50	Slip	ser+qtz+dol vn'ing	moderate	0	0 to 15 deg TCA
BG11-160	198.50	198.55	0.05	Fault	cataclasite and qtz+dol vn'ing + ser	strong	30	
BG11-160	213.20	214.00	0.80	Fracture	qtz-dol vn'ing+ minor mo? and tr py	weak	45	45 to 50 deg TCA
BG11-160	217.25	217.50	0.25	Slip	ser+chl	weak	15	
BG11-160	222.80	223.50	0.70	Slip	ser+adjacent qtz+dol vn	weak	0	
BG11-160	224.20	224.30	0.10	Slip	ser - qtz+dol	weak	20	
BG11-160	224.80	224.90	0.10	Slip	ser+adjacent qtz+dol vn	weak	25	
BG11-160	230.60	230.70	0.10	Slip	ser+porcelain white qtz	weak	25	
BG11-160	251.80	252.16	0.36	Slip	thre seprate slips with ser+ associate qtz-dol vn'ing	moderate		three slips at 70, 45 and 20 deg TCA
BG11-160	266.33	266.35	0.02	Slip	ser+feldspar-qtz vn	weak	45	
BG11-160	271.40	271.60	0.20	Slip	Slip and slip-fault with ser+adjacent qtz-feldspar band	weak		75 and 35 deg TCA
BG11-160	292.80	293.70	0.90	Slip	ser - qtz+dol	weak	0	
BG11-160	295.50	297.00	1.50	Foliation	plagio pheno's with weak fabric fol'n	weak	35	
BG11-160	325.51	325.52	0.01	Slip	slip-fault with qtz-dol+chl	weak	30	
BG11-160	338.30	338.65	0.35	Slip	ser+adjacent qtz-dol	weak	10	
BG11-160	373.95	374.10	0.15	Slip	two parallel slips with chl+qtz-dol	moderate	60	
BG11-160	376.33	376.40	0.07	Fault	fault slip - 6 cm qtz-dol	moderate	70	
BG11-160	377.80	377.93	0.13	Slip	qtz-dol	weak	20	

Hole_ID	From	To	Width	Fault_Type	Fault_Modifier	Fault_Intensity	Core Angle	Comments
BG11-160	398.70	399.30	0.60	Slip	multiple slips at 5-10deg TCA with ser+20% qtz-dol vn'ing	weak		
BG11-160	401.10	401.28	0.18	Fault	healed with black qtz+ bx+ser on margins	strong	55	
BG11-160	406.61	406.64	0.03	Slip	2cm wide qtz with chl+ser slips	weak	35	
BG-11-161	36.41	36.44	0.03	flt	chl	str	35	gouge
BG-11-161	61.28	61.30	0.02	flt	chl	str	50	gouge
BG-11-161	65.50	65.53	0.03	flt	chl	str	35	gouge
BG-11-161	66.02	66.06	0.03	flt	chl	str	30	gouge
BG-11-161	190.63	190.66	0.03	flt	chl	str	80	gouge
BG-11-161	247.87	247.90	0.03	flt	chl	str	40	gouge
BG-11-162	64.25	64.28	0.03	flt	chl	str	45	gouge
BG-11-162	65.50	65.60	0.10	flt	chl	str	45	gouge
BG-11-162	66.80	66.90	0.10	flt	chl	str	0	fault
BG-11-162	67.90	68.80	0.90	flt	chl	str	30	MAIN BREAK
BG-11-162	69.20	69.30	0.10	flt	chl	str	30	gouge
BG-11-162	71.00	71.03	0.03	flt	chl	str	50	gouge
BG-11-162	71.80	71.90	0.10	flt	chl	str	55	gouge
BG-11-162	72.20	72.23	0.03	flt	chl	str	60	gouge
BG11-163	4.45	4.60	0.15	Slip	flt-slip with qtz-dol+chl	moderate	40	
BG11-163	48.70	48.97	0.27	Slip	three confined slips + ser+ minor qtz	weak	35	
BG11-163	59.20	59.22	0.02	Slip	slip-flt with carb vn'ing	weak	55	
BG11-163	68.10	68.12	0.02	Slip	slip-flt contact qtz-carb vn'ing	weak	55	
BG11-163	85.80	87.30	1.50	Fault	bx-black qtz + grey qtz healing	strong	20	
BG11-163	100.75	100.90	0.15	Slip	1cm wide black qtz	weak	20	
BG11-163	101.98	102.00	0.02	Slip	ser+qtz	weak	45	
BG11-163	155.40	157.00	1.60	Fracture	10-15% qtz-dol	weak		at 156.95m slips at 45 deg TCA with ser; discontinuous qtz-dol vnlets at 45 to 55 deg TCA
BG11-163	164.70	164.72	0.02	Slip	2cm wide qadjacent qtz vn	weak	25	
BG11-163	168.35	168.42	0.07	Slip	0.5cm wide qtz vn+ 1.5cm wide orange qtz vn+ser margins	weak	30	
BG11-163	246.80	249.00	2.20	Fault	qtz-carb-calcite-chlorite-ser	moderate	5	0 to 10 deg TCA

Hole_ID	From	To	Width	Fault_Type	Fault_Modifier	Fault_Intensity	Core Angle	Comments
BG11-163	255.92	255.98	0.06	Slip	qtz-dol+ser+chlorite	weak		slips at 40 and 50 deg TCA
BG11-163	265.80	265.85	0.05	Slip	1cm qtz	weak	30	
BG11-163	267.58	267.59	0.01	Slip	adjacent qtz vn 2mm wide		50	
BG11-163	271.30	271.50	0.20	Slip	chl+ser+ adjacent qtz vn	weak	5	
BG11-163	319.60	319.66	0.06	Slip	qtz-chl-ser	weak	35	
BG11-163	384.30	384.32	0.02	Slip	qtz-dol vn 0.7cm wide+ser	weak	40	
BG11-163	384.70	384.82	0.12	Fault	2cm wide bx healed with qtz-carb; slips with qtz-dol vn'lets	moderate	30	
BG11-163	385.50	386.00	0.50	Fault	2.5cm wide qtz+dol+ser+chl	moderate		angle 5 to 25 deg TCA
BG11-163	391.60	391.70	0.10	Slip	slip-fault with minor chl gouge+white to dark grey qtz vn'ing	moderate	50	
BG11-163	405.10	405.30	0.20	slip	two slip faults with qtz-dol and minor chl gouge	moderate		35 and 25 deg TCA
BG11-163	405.65	405.75	0.10	Slip	80% qtz-dol	weak	55	
BG11-163	429.18	429.35	0.17	Slip	qtz-ser-chl	weak	35	
BG11-163	432.81	432.89	0.08	Fault	qtz-ser-chl gouge	moderate	40	
BG11-163	451.47	451.57	0.10	Slip	qtz-ser-chl	moderate	25	
BG11-163	454.70	454.90	0.20	Fault	qtz-ser-chl gouge	moderate	20	
BG11-163	459.00	459.05	0.05	Fault	chl-gouge	moderate	40	
BG11-163	460.32	460.42	0.10	Fault	chl-gouge	moderate	25	
BG11-163	462.34	462.38	0.04	Fault	qtz-ser-chl-gouge	moderate	35	
BG11-163	479.25	479.30	0.05	Fault	chl-gouge	moderate		25-35 deg TCA
BG11-163	531.80	531.90	0.10	Fault	chl-gouge	moderate	25	
BG11-163	548.20	548.30	0.10	Fault	qtz-ser-chl-gouge	moderate	25	
BG11-163	548.50	548.55	0.05	Fault	qtz-ser-chl-gouge	moderate	25	
BG11-163	549.20	549.30	0.10	Slip	qtz-ser-chl	moderate	25	
BG11-163	550.08	550.12	0.04	Fault	chl	moderate	40	
BG11-163	559.40	559.50	0.10	Fault	chl	moderate	25	
BG11-163	634.80	636.50	1.70	Fault	strong gouge -chl+ser; probable late cross fault on 2025 L trending SSE	strong		badly broken ground but contact at 636.5 with FP at 25 deg TCA
BG11-163	641.66	641.68	0.02	Fault	minor chl gouge at FP-Diorite Bx contact	moderate	35	
BG11-163	662.20	662.21	0.01	Slip	adjacent qtz-dol vn	weak	45	
BG11-163	664.30	664.32	0.02	Slip	chl+qtz	weak	50	
BG11-163	670.15	670.15	0.01	Fault	mylonite-chl+qtz+dol	moderate	50	

Hole_ID	From	To	Width	Fault_Type	Fault_Modifier	Fault_Intensity	Core Angle	Comments
BG11-163	673.30	673.32	0.02	Fault	mylonite - porcelain white qtz	moderate	35	
BG11-163	680.12	680.13	0.01	Slip	adjacent qtz vn	weak	55	
BG11-163	685.00	685.01	0.01	Slip	adjacent qtz	weak	55	
BG11-163	687.90	687.91	0.01	Slip	adjacent qtz+ser+chl	weak	65	
BG11-163	693.80	693.81	0.01	Slip	qtz+spec hem	weak	40	
BG11-163	706.85	706.95	0.10	Slip	chl gouge	weak		broken core
BG11-163	**713.00**	**713.10**	**0.10**	**Fault**	**porcelain white qtz - mylonitic**	**moderate**	**25**	**start of mineralized zone, proximal to dk qtz at 714m**
BG11-163	716.67	716.68	0.01	Slip	slip fault, adjacent white qtz-dol + py	moderate	20	
BG11-163	719.34	719.35	0.01	Slip	Slip-fault; white qtz-dol	moderate	45	
BG11-163	728.70	728.76	0.06	Slip	qtz-dol vn'ing	moderate	25	
BG11-163	780.10	780.20	0.10	Slip	mutliple slips with ser+chl+qtz-dol vn'ing	strong	30	contact diorite-FP
BG11-163	781.90	781.93	0.03	Slip	ser+chl+qtz-dol	moderate	30	
BG11-163	872.60	878.10	5.50	Shear	ductile-brittle in diorite+chl+leuc flecs+carb vn'ing	moderate		872.6 to 873.7m 50-60 deg TCA, 873.7 to 878.1m 15 deg TCA; at 877m ground core
BG11-163	882.50	882.51	0.01	Core Ground				
BG11-163	902.65	904.80	2.15	Shear	Shear-Flt strong mylonitic type slip-flt qtz-dol-carb-chl	strong		0 to 10 deg TCA
BG11-163	912.00	912.01	0.01	Ground Core				
BG11-163	**938.00**	**938.70**	**0.70**	**Shear**	**ductile-brittle qtz-dol+leuc+chl+ser+py +mag**	**strong**	**50**	**30 deg TCA qtz-dol vn'let as well**
BG11-163	950.60	950.62	0.02	Slip	chl+carb+leuc felc halo	moderate	35	
BG11-163	958.50	958.66	0.16	Shear	ductile chl+qtz-carb	weak	35	
BG11-163	962.00	963.00	1.00	Shear	ductile - chl+leuc+qtz	strong		25 to 35 deg TCA
BG11-163	970.20	971.30	1.10	Slip	Slip-shear- qtz-carb	moderate	10	
BG11-163	973.30	973.50	0.20	Slip	chl+carb	weak	30	
BG11-163	976.40	980.00	3.60	Fractured	qtz-dol+leuc+chl+py+ magnetite	weak		15 to 40 deg TCA and 85-90 deg TCA
BG11-163	988.35	988.36	0.01	Slip	qtz-carb + py+leuc flec halo + adjacent qtz vn	weak	55	
BG11-163	995.10	995.11	0.01	Slip	slip-fault- adjacent magnetite + py	weak	50	
BG11-163	1034.30	1034.60	0.30	Shear	carb-qtz+leuc flecks	weak	25	

Hole_ID	From	To	Width	Fault_Type	Fault_Modifier	Fault_Intensity	Core Angle	Comments
BG11-163	1035.84	1036.00	0.16	Slip	ser+carb	weak	15	
BG11-163	1061.00	1068.50	7.50	Slips	chl+carb	weak		0 to 5 deg TCA; loss of core 1.7m from 1062 to 1065m due to driller error- dropped rods in hole- had to fish rods out
BG11-163	1118.20	1118.21	0.01	Slip	chl+py; 1mm wide	weak	65	
BG11-163	1222.20	1222.22	0.02	Slip	adjacent carb +chl+weak py	weak	75	
BG11-163	1132.94	1132.97	0.03	Slip	slip-fault with ser - hairline	weak	30	
BG11-163	1134.00	1134.70	0.70	Slip	hairline	weak	0	
BG11-163	1137.80	1138.13	0.33	Fault	three separate subparallel fault-slips with qtz-dol	moderate	90	truncates py vn trending 0 deg TCA
BG11-163	1150.00	1150.10	0.10	Slip	0.75cm wide dol vn	weak	25	
BG11-163	1166.60	1167.00	0.40	Slip	chl+carb	weak		10-15 deg TCA
BG11-163	1167.80	1168.20	0.40	Slips	two parallel slips with calcite+py+chl	weak	15	
BG11-163	1173.35	1174.05	0.70	Slip	slip-fault + calcite+chl+py	weak		5-10 deg TCA
BG11-163	1177.30	1177.37	0.07	Fault	chl+calcite	moderate	30	
BG11-163	1205.30	1205.60	0.30	Fault	hydrothermal breccia in white porcelain dol	strong	25	
BG11-163	1215.65	1215.87	0.22	Fault	dol healing with 5-8% py in lens	strong	30	30 and 20 deg TCA
BG11-163	1231.00	1236.00	5.00	Shear	ductile with slips +chl+dol+qtz+py	moderate		5 to 45 deg TCA
BG11-163	1253.90	1254.00	0.10	Slip	chl+dol	weak	10	
BG11-163	1255.20	1255.30	0.10	Fault	gouge	strong	30	
BG11-163	1280.60	1280.63	0.03	Slip	chl	weak	35	
BG11-163	1281.65	1281.70	0.05	Slip	adjacent qtz-dol	weak	35	
BG-11-164	39.10	39.13	0.03	flt	chl	str	30	gouge
BG-11-164	43.50	43.55	0.05	flt	chl	str	25	gouge
BG11-165	29.40	29.50	0.1	Fault	gouge	strong		28.71 to 29.5m <70%RQD
BG11-165	34.70	34.75	0.05	Slip	qtz-dol healed	moderate	45	
BG11-165	42.60	42.75	0.15	Fault	gouge	strong	0	42 to 46m badly broken ground with a crimson red oxidized mud on broken slips, <50% RQD
BG11-165	44.90	45.50	0.6	Fault	qtz-carb	strong	0	
BG11-165	52.60	53.00	0.4	Fault	qtz-carb+py	moderate	0	
BG11-165	60.77	60.78	0.01	Slip	epi-carb	weak	80	
BG11-165	62.95	63.00	0.05	Fault	mylonitic	moderate	35	
BG11-165	63.40	63.52	0.12	Fault	mylonitic white porcelain qtz+py	moderate	35	
BG11-165	70.30	71.70	1.4	Broken Ground	sections with badly broken core			

Hole_ID	From	To	Width	Fault_Type	Fault_Modifier	Fault_Intensity	Core Angle	Comments
BG11-165	72.40	72.41	0.01	Slip	epi-carb	moderate	90	
BG11-165	76.70	78.30	1.6	Broken Ground				RQD=65%
BG-11-166	76.00	76.10	0.1	flt	chl	str	15	slip
BG-11-167	47.80	47.83	0.03	flt	chl	str	25	slip
BG-11-167	49.70	49.73	0.03	flt	chl	str	35	gouge
BG-11-168	57.90	57.93	0.03	flt	chl	str	40	slip
BG-11-168	58.25	58.28	0.03	flt	chl	str	35	gouge
BG-11-168	59.40	59.43	0.03	flt	chl	str	20	gouge
BG-11-168	68.90	68.93	0.03	flt	chl	str	45	gouge
BG-11-168	70.08	70.70	0.62	flt	chl	str	35	**MAIN BREAK**
BG11-169	34.50	34.53	0.03	flt	chl	str	45	
BG11-169	62.40	62.43	0.03	flt	chl	str	40	
BG11-169	83.00	83.03	0.03	flt	chl	str	45	1/8"gouge
BG11-169	106.90	107.85	0.95	flt	chl	str	45	all gouge-MAIN BRK
BG11-169	110.00	110.03	0.03	slip	chl	str	15	
BG11-170	31.10	31.13	0.03	flt	hem	str	30	
BG11-170	69.60	69.70	0.1	flt	chl	str	30	2" gouge MAIN?
BG11-170	78.50	78.53	0.03	flt	chl	str	35	1/2" gouge
BG11-170	141.70	141.72	0.02	Fault	gouge	strong	90	4 cm gouge
BG11-170	142.20	145.70	3.5	Fault	mutliple gouge sections; gouge + chl slips	strong		RQD 35 to 65% bad ground from 142.2 to 142.55m and 143 to 143.5m; fault at 25 and 0 deg TCA
BG-11-171	42.00	42.08	0.08	flt	chl	str	15	gouge
BG-11-171	52.57	52.80	0.23	flt	chl	str	20	gouge
BG-11-171	97.20	97.30	0.1	flt	chl	str	5	gouge
BG-11-172	52.34	52.50	0.16	flt	chl	str	0-10	gouge
BG-11-172	53.30	53.60	0.3	flt	chl	str	20	gouge
BG-11-173	29.70	29.80	0.1	flt	chl	str	15-20	gouge
BG-11-174	13.50	14.00	0.5	flt	hem-chl	str	0	gouge
BG-11-174	42.93	42.96	0.03	flt	chl-hem	str	40	slip
BG11-175	8.50	11.85	3.35	Shear	brittle-ductile sil+dol alt'n	strong	15	15 to 25 deg TCA; with slips at 10 deg TCA with adjacent qtz-dol
BG11-175	25.80	25.90	0.1	Slip	hem+qtz	moderate	20	
BG11-175	28.50	28.70	0.2	Fault	gouge	moderate	20	
BG11-175	41.25	41.27	0.02	Fault	2cm wide carb-calcite vn	moderate	45	
BG11-175	55.55	55.56	0.01	Fault	1cm wide pink-white calcite vn; ser altn halo	moderate	30	
BG11-175	56.50	56.53	0.03	Fault	ser-chl	moderate	40	
BG11-175	59.80	61.30	1.5	Slips	multiple slip-faults with chl+pink-white carb-calcite	moderate		0 to 30 deg TCA
BG11-175	62.70	63.60	0.9	Slip	white carb+chl	moderate	0	

Hole_ID	From	To	Width	Fault_Type	Fault_Modifier	Fault_Intensity	Core Angle	Comments
BG11-175	65.80	65.82	0.02	Slip	slip fault - pink calcite vn	moderate	25	
BG11-175	67.00	67.30	0.3	Slip	Slip-fault pink-calcite vn'ing+chl	moderate	10	
BG11-175	67.60	67.90	0.3	Slip	Slip-fault pink-calcite vn'ing+chl	moderate	10	
BG11-175	68.55	69.20	0.65	Slips	pink calcite+chl	moderate		20 and 5 deg TCA
BG11-175	69.80	71.30	1.5	Slip	Slip-fault pink-calcite vn'ing+chl	moderate		0 and 5 deg TCA
BG11-175	78.35	78.36	0.01	Fault	Fault slip healed by carb+chl	moderate	30	
BG11-175	81.05	81.05	0.002	slip	qtz-dol healed	weak	55	
BG11-175	88.00	88.33	0.33	Slips	qtz-dol healed	weak		0 and 60 deg TCA
BG11-176	46.20	46.23	0.03	slip	chl	str	30	
BG11-177	8.08	8.10	0.02	Slip	chl+carb	weak	35	
BG11-177	9.44	9.50	0.06	Slip	chl+carb	weak	30	
BG11-177	10.21	10.27	0.06	Slip	2mm wide carb+chl vn	weak	30	
BG11-177	12.53	12.56	0.03	Fault	fault slip with chl gouge	weak	55	
BG11-177	19.75	19.77	0.02	Slip	chl+carb	weak	45	
BG11-177	24.33	24.44	0.11	Slip	chl+carb	moderate		20 and 55 deg TCA
BG11-177	26.15	26.20	0.05	Slip	adjacent 2cm wide carb+chl vn	moderate	30	
BG11-177	28.10	28.11	0.01	Slip	adjacent 0.5cm wide carb vn	weak	20	
BG11-177	30.16	30.18	0.02	Flt	chl	weak	45	
BG11-177	37.70	38.80	1.1	Fracture	fracture-fault-slips with chl+ser+carb	strong		45 to 65 and 25 to 35 deg TCA
BG11-177	48.40	48.60	0.2	Slip	carb	weak	20	
BG11-177	51.10	51.12	0.02	Slip	2.5cm wide carb vn	weak	30	
BG11-177	57.00	63.00	6	Blocky Ground				
BG11-177	70.00	80.50	10.5	Blocky Ground				75.1m fault-slip at 65 deg TCA with carb+chl and 77.4m 3cm wide carb vn adjacent to fault-slip-Syenite contact at 90 deg T^CA
BG11-177	**80.50**	**83.20**	**2.7**	**Fracture**	**brittle fractures with py+ sil-dol+carb**	**strong**		**variable angles TCA; 80.5 to 114.5m strong ductile to brittle shear structure with multiple slips (strongest at 106.2 to 114.5m), strong sil-dol-chl-ser alt'n generally at 30-45 deg TCA - North Bidgood Break? - multi-generational vn'ing-frac's-slips; cataclasite at 94.3m and 106.2m at 45 to 55 deg TCA**

Hole_ID	From	To	Width	Fault_Type	Fault_Modifier	Fault_Intensity	Core Angle	Comments
BG11-177	115.00	115.20	0.2	Slip	multiple slips with qtz-dol	moderate	45	
BG11-178	37.40	37.60	0.2	shr	ser	str	70	
BG11-178	41.20	41.23	0.03	flt	chl	str	28	
BG11-178	89.55	89.58	0.03	flt	chl	weak	30	
BG11-178	120.95	120.98	0.03	flt	chl	str	50	1/4"gouge
BG11-178	100.70	100.73	0.03	flt	chl	str	60	
BG11-178	117.70	117.73	0.03	flt	chl	str	70	
BG11-178	136.00	136.03	0.03	flt	chl	str	50	
BG11-179	47.20	47.23	0.03	slip	chl	str	30	
BG11-179	99.75	99.78	0.03	flt	chl	weak	35	
BG11-179	96.20	96.23	0.03	flt	chl	weak	35	
BG11-179	93.60	93.63	0.03	flt	chl	weak	35	
BG11-179	180.00	180.03	0.03	slip	spec-carb	str	10	
BG11-180	7.40	9.90	2.5	Blocky Ground				9.5 to 9.9m 0 deg TCA calcite-chl-spec hem slip
BG11-180	11.40	12.10	0.7	Slip	calcite+chl+spec hem	moderate	0	
BG11-180	37.13	37.24	0.11	Shear	ser+qtz-dol+chl	moderate	85	
BG11-180	37.75	37.78	0.03	Shear	ser+qtz-dol+chl	moderate	90	
BG11-180	41.68	41.75	0.07	slip	calcite+chl	weak	5	
BG11-180	64.92	67.30	2.38	Fracture	strong per chl	moderate		Diorite host, at 64.9m FP-Diorite contact with slip-fault at 80 deg TCA
BG11-180	74.00	78.80	4.8	Blocky Ground				
BG11-180	80.10	80.11	0.01	Slip	carb+chl	moderate	55	
BG11-180	84.10	88.60	4.5	Shear	ductile - sil+chl alt'n-periodic py zones	strong		**40 to 80 deg TCA, - North Bidgood Break?**
BG11-180	98.10	98.11	0.01	Slip	chl+carb	weak	30	
BG11-180	108.47	108.80	0.33	Shear	qtz-dol+py	strong	50	
BG12-181	7.10	7.40	0.3	Slip	chl	weak	0	
BG12-181	13.65	14.00	0.35	Slip	chl-qtz-dol	weak	0	
BG12-181	15.70	15.87	0.17	Slip	slip-fault-qtz-dol-chl	moderate	15	
BG12-181	35.00	38.62	3.62	Shear	weak to strong contact zone QFP-Diorite	moderate		
BG12-181	64.47	65.38	0.91	Fracture	brittle fracture chl alt'n, bleached+ py vn's	strong		Flt-bx at 64.47m at 45 deg TCA; possible splay of North Bidgood Break
BG12-181	89.65	89.80	0.15	Shear	ductile- ser+chl+4cm wide qtz-dol vn	strong	65	
BG12-181	95.70	95.90	0.2	Slip	dol-chl	moderate	15	
BG12-181	97.50	97.70	0.2	Slip	dol-chl	weak	10	
BG12-181	118.10	120.00	1.9	Shear	Fabric fol'n-ductile-flt slips- qtz-dol-chl	strong	35	Diorite Breccia- Diorite contact; fol'n 35 to 65 deg TCA

Hole_ID	From	To	Width	Fault_Type	Fault_Modifier	Fault_Intensity	Core Angle	Comments
BG11-182	22.50	22.53	0.03	flt	chl	str	30	
BG11-182	74.80	74.83	0.03	flt	chl	str	65	
BG11-182	126.40	126.43	0.03	slip	chl	str	20	
BG11-182	211.40	211.43	0.03	flt	chl	str	25	

Hole_ID	From	To	Lith 1	Lith 2	Lithology Name	Colour1	Colour2	Grain Size 1	Grain Size 2	Text	Text	Description
BZ11-38	0.00	3.00	100		Casing							
BZ11-38	3.00	64.00	QFP		Quartz Feldspar Porphyry	pa gy-wt		medium				1-3% cse d py; non mag; 30% anhedral 1/8"glassy-gnish qtz phenos; non cbd; homogeneous except for chl fract's@10-45; rare q-ank vn's to 1/2" gen @40; shrp nat ct@; sil'd pervasively; ox'd locy; shrp nat trailing ct@43
BZ11-38	64.00	64.90	8d		Argillite	olive gn	med gy	aphanitic				non mag; pa gy-olive gn bedded aph; non cb'd; 20% med-dk gy chl/sil'd@30-45 w 10-40% cse d py; v highly fol'd@45; locy conc 2% q-ank vn's@45-70 are to 1/4"; bedding@45; shrp nat trailing ct@76
BZ11-38	64.90	66.20	QFP		Quartz Feldspar Porphyry	light lime green	pa gy	medium				different from other porphyry- smaller phenos less prominent in gn vs wt, etc.; pa gn; 1-3% cse d py; non mag; 30% anhedral 1/8"glassy-gnish qtz phenos+30% feld phenos; non cbd; sil'd locy to med gy; blue-grey chl-sil vn's locy; shrp nat trailing ct@61
BZ11-38	66.20	72.75	8d		Argillite	olive gn	med gy	aphanitic				non mag; pa gy-olive gn bedded aph; non cb'd; 20% med-dk gy chl/sil'd@30-45 w 10-40% cse d py; v highly fol'd@45; locy conc 2% q-ank vn's@45-70 are to 1/4"; bedding@45; shrp nat trailing ct@34
BZ11-38	72.75	114.50	QFP		Quartz Feldspar Porphyry	light lime green	pa gy	medium				different from other porphyry- smaller phenos less prominent in gn vs wt, etc.; pa gn; 1-3% cse d py; non mag; 30% anhedral 1/8"glassy-gnish qtz phenos+30% feld phenos; non cbd; sil'd locy to med gy; blue-grey chl-sil vn's locy; Perreault Vein@75.35-75.7, (Robert?)@ 87.4-87.55, 88.0-88.1; 3% q-ank- contorted; emerald gn xenos to 2" attenuated;por becomes finer-grained, less obvious phenos @105.0-114.5 where 10% cse d py+15% q-ank fol'd@45; shrp nat trailing ct@18
BZ11-38	114.50	122.00	8d		Argillite	olive gn	med gy	aphanitic	fine			non mag; pa gy-olive gn bedded aph to fg arenite; non cb'd; homogeneous; bedding @26
BZ11-39	0.00	4.80	100		Casing							
BZ11-39	4.80	55.40	QFP		Quartz Feldspar Porphyry	pa gy-wt		medium				1-3% cse d py; non mag; 30% anhedral 1/8"glassy-gnish qtz phenos; non cbd; homogeneous except for chl fract's@30-60; rare q-ank vn's to 1/2" gen @45; shrp nat ct@; sil'd pervasively; ox'd locy; shrp nat trailing ct@38
BZ11-39	55.40	67.00	8d		Argillite	olive gn	med gy	aphanitic				non mag; pa gy-olive gn bedded aph; non cb'd; 20% med-dk gy chl/sil'd@30-35 w 10-40% cse d py; v highly fol'd@42; locy conc 2% q-ank vn's@31 are to 1/4"; bedding@31; shrp nat trailing ct@38
BZ11-39	67.00	105.20	QFP		Quartz Feldspar Porphyry	light lime green	pa gy	medium				different from other porphyry- smaller phenos less prominent in gn vs wt, etc.; pa gn; 1-3% cse d py; non mag; 30% anhedral 1/8"glassy-gnish qtz phenos+30% feld phenos; non cbd; sil'd locy to med gy; blue-grey chl-sil vn's locy; Perreault Vein (Robert?)@82.75, 83.0-83.15, 83.4-83.5583.9, 84.95, 86.65; 1% q-ank @70+45; emerald gn xenos to 2" attenuated; fol'd@45; trailing ct in BC
BZ11-39	105.20	113.00	13e		Syenite	light lime green	pa gy	fine	aph			syenite; competent-RQD=90; pa gn turning pa gy downhole fg-aph feld-qtz could be wacke but no jasper-too homogeneous; non mag; non cbd; could also be trac; 4% cse d py locy conc-primary?;
BZ11-40	0.00	4.90	100		Casing							
BZ11-40	4.90	39.90	QFP		Quartz Feldspar Porphyry	pa gy-wt		medium				1-3% cse d py; non mag; 30% anhedral 1/8"glassy-gnish qtz phenos; non cbd; homogeneous except for chl fract's@30-60; rare q-ank vn's to 1/2" gen @45; shrp nat ct@40; sil'd pervasively; ox'd locy;
BZ11-40	39.90	56.35	8d		Argillite	olive gn	med gy	aphanitic				non mag; pa gy-olive gn bedded aph; non cb'd; 20% med-dk gy chl/sil'd@45-60 w 10-40% cse d py; v highly fol'd@42; locy conc 5% q-ank vn's@42 are to 1/4"; bedding@42; shrp trailing ct@30
BZ11-40	56.35	143.80	QFP		Quartz Feldspar Porphyry	light lime green	pa gy	medium				different from other porphyry- smaller phenos less prominent in gn vs wt, etc.; pa gn; 1-3% cse d py; non mag; 30% anhedral 1/8"glassy-gnish qtz phenos+30% feld phenos; non cbd; sil'd locy to med gy;hil'y bl'd@137.0-138.0 centred on 1/2" pk carb-ank vn@30 hem'd wy-mody red-br @119.0-121.0, 127.2-135.0, 138.5-141.5; Perreault Vein@?; 5% q-ank @80+15; emerald gn xenos to 2" attenuated; fol'd@45; str shrp nat ct@38
BZ11-40	143.80	153.40	QFP		Quartz Feldspar Porphyry	light lime green	pa gy	medium				different from other porphyry again- smaller phenos less prominent in gn + hily shr'd@38+70; str shrp nat ct@38 initially; pa gn; 1-3% cse d py; non mag; 30% anhedral 1/8"glassy-gnish qtz phenos+30% feld phenos; non cbd; sil'd locy to med gy; 5% q-ank @80+15; emerald gn xenos to 2" attenuated; fol'd@45; trailing ct indistinct
BZ11-40	153.40	215.00	13e		Syenite	dk gy	pur-gy	fine				syenite; competent-RQD=90; 1% q-ank vn's gen@45; non mag; non cbd; becomes gn after 162.0 grad changing to pa gn-buff w 10% blk-gn chl-after-horn? (locy prismatic stubby-posy augites-Lamp?)- could also be trac (esp. after bx); bx w 15% rounded feld+qtz frag's in chl@202.1-204.8gen@5-20; hily fol'd@35; 2% mafic blk xeno's to 1" to 162.0; 4% cse d py; becomes reddish@213.5-215.0
BZ11-41	0.00	3.60	100		Casing							

Hole_ID	From	To	Lith 1	Lith 2	Lithology Name	Colour1	Colour2	Grain Size 1	Grain Size 2	Text	Text	Description
BZ11-41	3.60	62.00	QFP		Quartz Feldspar Porphyry	buff light gn	grey green	aphanitic	med			non-magnetic; competent, good recovery; translucent grey qtz x-stals + white feld pheno's, where sheared pheno's have preferential fabric with shear; light buff grey colour matrix probably due to prev sil alt'n, occasional fuchsite - chrome flecs + ser in minute frac's; 13.08 to 17.5m moderately strong penetrative to non penetrative stress frac's at 0, 35, 45 and 55 to 65 deg TCA with dk black mineral + py, minor qtz+dol vn'ing; *Local Shear + Py + Qtz_Dol Zones at the following intervals 22.2 to 22.3m, 27.5 to 27.7m, 28 to 28.2m,* ***Main Shear+Py Zone 31.7 to 34.4m,*** *34.8 to 34.9m, 35.7 to 35.8, 36.9, 37.3 to 37.4m, 37.8 to 37.9 and 38.7 to 39.3m; fabric fol'n moderate to strong starting at 20.5 to 39.5m; after 39.5m frac'ing weakens considerably with only the occasional narrow non-pnetrative and penetrative frac with one flt with adjacent qtz at 58.7 to 58.8m at 60 deg TCA;* at 61m to EOH QFP perv sil alt'n weakens and matrix transitioning to a medium grey colour
BZ11-42	0.00	3.70	100		Casing							
BZ11-42	3.70	72.00	QFP		Quartz Feldspar Porphyry	buff light gn	grey green	aphanitic	med			1-3% cse d py to 55.5; non mag; 30% anhedral 1/8"glassy-gnish qtz phenos (translucent) + 20% white feld pheno's; non cbd; homogeneous except for chl fract's w cse py@5, 35, 60; rare fuch 1/4" atten xeno's; sil'd pervasively; ox'd locy; hily competent-RQD=90-100; becomes much fresher after 55.5-not much py; min'd@39.5-39.7, 41.7-41.9 (Perreault), 44.7-45.1, 47.4-48.2 (Perreault, flt)
BZ11-43	0	28.8	100		Casing							box has rubble from 22.6-28.8 with blocks@23, 26, 29; posy boulders-not gabbro-posy syenite or ct w GC@28.8
BZ11-43	28.80	112.95	10a		Gabbro	gy-gn		med				dk gy-gn; homogeneous; RQD=50 to 53.0, then =70; spec hem common on fract's w/without slicks + in q-ank rare vn's@50+15; 30% epi, except where dk gn chlc @38.0-42.0;non cbd; v hily mag to 68.0-then non mag to 90.-then mody-stry mag; vuggy chl-spec fract's@5-20@40.0+42.7-44.0+89.3-90.0; shrp nat trailing ct@64 imm prec by 2" min'd zone; mala locy-along chl-epi-ox'd fract's
BZ11-43	112.95	115.90	8b		Wacke	gn	gy-gn	fine	aph			non mag; hily cbd; competent-RQD=60; shrp nat trailing ct@63; 30% bl'd to pa gn@60; 3% f+3% cse d py
BZ11-43	115.90	121.00	13e		Syenite	pa red	pa gy	fine	medium			syenite; homogeneous; non mag; non cbd; rare blk xeno's to 1"; competent-RQD=~60; rare q-ank vn's to 1/8" gen @70; locy cse py vn's-2% cse d py ; indistinct trailing ct
BZ11-43	121.00	129.10	QFP		Quartz Feldspar Porphyry	buff	pa gy	medium				different from other porphyry- smaller phenos less prominent in gn vs wt, etc.; non mag; 30% anhedral 1/8"glassy-gnish qtz phenos+30% feld phenos; rare 1/4" xeno's blk; non cbd; 1% q-ank @50; shrp nat trailing ct @43
BZ11-43	129.10	130.90	13e		Syenite	red-br	pur-br	fine	medium			syenite; homogeneous; non mag; wy cbd; rare blk xeno's to 1"; fresh; competent-RQD=~80; rare q-ank vn's to 1/8" gen @30; shrp nat trailing ct@16
BZ11-43	130.90	230.95	QFP		Quartz Feldspar Porphyry	buff	pa gn-y	medium				different from other porphyry- smaller phenos less prominent in gn vs wt, etc.; non mag; 30% anhedral 1/8"glassy-gnish qtz phenos+30% feld phenos;competent-RQD=70; rare 1/4" xeno's blk; non cbd; 1% q-ank @50; locy hily bl'd-wy sil'd pa gn (@130.9-161.0, 182.0-188.5, 205.0-211.4, 220.0-) fol'd@44 w dk gy q str's to 1/2" w 10% spec+ 3-5% cse d py locy; min'd @145.6-147.0, 200.5-200.6; trailing ct@45
BZ11-43	230.95	254.00			Basic Syenite	br	gy-br	med				10% 1/8" blk augite phenos; bl'd locy/hem'd wy; mody-wy mag; 5-6% cse d py-primary?
BZ11-44	0	16.1	100		Casing							box has rubble from 22.6-28.8 with blocks@23, 26, 29; posy boulders-not gabbro-posy syenite or ct w GC@28.8
BZ11-44	16.10	17.90	QFP		Quartz Feldspar Porphyry	buff	pa gy	medium				different from other porphyry- smaller phenos less prominent in gn vs wt, etc.; non mag; 10% anhedral 1/8"glassy qtz phenos+50% feld phenos; non cbd; BC
BZ11-44	17.90	19.30	LC									posy flt zone
BZ11-44	19.30	29.00	10a		Gabbro	gy-gn		med				dk gy-gn; homogeneous; RQD=50; spec hem common on fract's w/without slicks + in q-ank rare vn's@50+15; non cbd;mody mag; shrp nat trailing ct@72 imm foll by 0.1m bl'd intensely; locy magn assd w heavy epi; 3-5% epi
BZ11-44	29.00	35.80	13e		Syenite	pa red	pa gy	fine	medium			syenite; homogeneous; non mag; non cbd; rare blk xeno's to 1"; competent-RQD=~60; locy cse py vn's-2% cse d py ; shrp nat trailing ct@52 is bl'd for 0.1m
BZ11-44	35.80	93.75	10a		Gabbro	gy-gn		med				dk gy-gn; homogeneous; RQD=50, then=80 after 62.0; spec hem common on fract's w/without slicks + in q-ank rare vn's@50+15; non cbd;mody mag; shrp nat trailing ct@40; locy magn assd w heavy epi; 3-5% epi
BZ11-44	93.75	181.30	QFP		Quartz Feldspar Porphyry	buff	pa gy	medium				non mag; 30% anhedral 1/8"glassy-gnish qtz phenos+30% feld phenos; reddish-k-spar up to 113.0- hily bl'd thereafter until 172.7-180.0 where red-pk again; rare up to 1" xeno's blk; locy 3-4% cse d py; non cbd; 1% q-ank @60-70; shrp nat trailing ct @43
BZ11-44	181.30	218.70			Basic Syenite	gy	br	med				10% 1/8" mafic (augite?) phenos; 2% spec locy conc on carb fract's-pk; one 2" blk xeno-rounded; trailing ct in BC; non mag until 202.0 then mody mag; homogeneous; competent-RQD=50; 3% ank 1/8" vn's gen@70; blocks wrong with block reading 173 twice-second is 176 and all blocks thereafter must add 3m (done in log, not on blocks)

Hole_ID	From	To	Lith 1	Lith 2	Lithology Name	Colour1	Colour2	Grain Size 1	Grain Size 2	Text	Text	Description
BZ11-44	218.70	219.60	8d		Argillite	dk gn	olive gn	aphanitic				non mag; pa gy-olive gn bedded; aph; non cb'd; ser'd; trailing ct in BC; rip-ups; bedding@47
BZ11-44	219.60	219.80			Basic Syenite	gy	br	med				10% 1/8" mafic (augite?) phenos; 2% spec locy conc on carb fract's-pk; trailing ct in BC; mody mag; homogeneous; competent-RQD=50; blocks wrong with block reading 173 twice-second is 176 and all blocks thereafter must add 3m (done in log, not on blocks)
BZ11-44	219.80	224.00	8d		Argillite	dk gn	olive gn	aphanitic				non mag; pa gy-olive gn bedded; aph; non cb'd; ser'd; trailing ct in BC; rip-ups; bedding@47; not c
BZ11-44	224.00	224.30			Basic Syenite	gy-gn	br	med				10% 1/8" mafic (augite?) phenos; 2% spec locy conc on carb fract's-pk; trailing ct in BC; mody mag; homogeneous; competent-RQD=50; blocks wrong with block reading 173 twice-second is 176 and all blocks thereafter must add 3m (done in log, not on blocks)
BZ11-44	224.30	227.00	8b		Wacke	gy	br	fine	aph			mody mag; hily cbd; competent-RQD=60; ct's in BC;
BZ11-44	227.00	243.05	8d		Argillite	dk gn	olive gn	aphanitic				non mag; pa gy-olive gn bedded; aph; non cb'd; ser'd; shrp nat trailing ct @45; rip-ups; bedding@4
BZ11-44	243.05	245.00	QFP		Quartz Feldspar Porphyry	br	br-red	medium				non mag; 30% anhedral 1/8"glassy-gnish qtz phenos+30% feld phenos; non cbd; 1% q-ank @60-70; competent-RQD=90; fresh
BZ11-45	0	22.1	100		Casing							box has rubble from 22.6-28.8 with blocks@23, 26, 29; posy boulders-not gabbro-posy syenite or ct w GC@28.8
BZ11-45	22.10	24.50	10a		Gabbro	dk gn	gy-gn	med				dk gy-gn; homogeneous; not competent RQD=10; hily mag; trailing ct in BC
BZ11-45	24.50	38.00	13e		Syenite	buff	pa gy-gn	fine	medium			syenite; homogeneous; non mag; non cbd; rare blk xeno's to 1"; not competent-RQD=~20;
BZ11-45	38.00	38.30			LC							no sign of flt/alt'n
BZ11-45	38.30	39.05	13e		Syenite	buff	pa gy-gn	fine	medium			syenite; homogeneous; non mag; non cbd; rare blk xeno's to 1"; not competent-RQD=~20; trailing ct in BC
BZ11-45	39.05	78.30	10a		Gabbro	dk gn	gy-gn	med				dk gy-gn; homogeneous; not competent RQD=10 to 40; hily mag; 25%-60% pk-pa gy feld in blk chl (after horn?); v hily-wy mag; 3-5% epi locy conc as clots; posy 0.5m LC @56.0 where block "washed" but nothing missing
BZ11-45	78.30	78.80			LC							no sign of flt/alt'n
BZ11-45	78.80	120.25	10a		Gabbro	dk gn	gy-gn	med				dk gy-gn; homogeneous; competent RQD=60; hily mag; 25%-60% pk-pa gy feld in blk chl (after horn?); v hily-wy mag; 3-5% epi locy conc as clots;shrp nat trailing ct @38
BZ11-45	120.25	129.30	8b		Wacke	gn	gy-gn	fine	aph			mody mag; hily cbd; competent-RQD=60; shrp nat trailing ct@50; 30% bl'd to pa gn@60- argilite locy?; bedding@58
BZ11-45	129.30	190.00	13e		Syenite	pa red	pa gy	fine	medium			syenite; homogeneous; non mag; non cbd; rare blk xeno's to 1"; competent-RQD=~60 until 150.0, then=20; rare q-ank vn's to 1/8" gen @45; locy cse py vn's-2% cse d py ; trailing ct in BC; 3% spec
BZ11-45	190.00	190.40	8b		Wacke	gn	gy-gn	fine	aph			mody mag; hily cbd; competent-RQD=60; shrp nat trailing ct@30; 30% bl'd to pa gn@60- argilite locy?;
BZ11-45	190.40	192.10	13e		Syenite	pa red	pa gy	fine	medium			syenite; homogeneous; non mag; non cbd; rare blk xeno's to 1"; not competent-RQD=20; rare q-ank vn's to 1/8" gen @45; locy cse py vn's-2% cse d py ; shrp nat trailing ct@62; 3% spec
BZ11-45	192.10	192.40	8b		Wacke	gn	gy-gn	fine	aph			mody mag; hily cbd; competent-RQD=60; shrp nat trailing ct@45; 30% bl'd to pa gn@60- argilite locy?;
BZ11-45	192.40	199.30	13e		Syenite	pa red	pa gy	fine	medium			syenite; homogeneous; non mag; non cbd; rare blk xeno's to 1"; not competent-RQD=20; rare q-ank vn's to 1/8" gen @45; locy cse py vn's-2% cse d py ; shrp nat trailing ct @45; 3% spec
BZ11-45	199.30	233.40	8b		Wacke	gn	gy-gn	fine	aph			could be tuff-no jaspers; mody mag; hily cbd; competent-RQD=80; red-br hem'd/primary? w 3-8% f d py@222.5-227.5; shrp nat trailing ct@49; 30% bl'd to pa gn@60- argilite locy?(@229.2-229.5, etc.);
BZ11-45	233.40	234.95			Intermediate Dyke	buff	pa gn-y	fine				10% dk gn chlc pheno's?+ 30% qtz phenos? in pa olive-y gn; non mag; competent; 5% q-ank gen@60; non cbd; shrp nat trailing ct@57; min'd wy @ trailing ct w 0.2m dk gy sil vn w 3% cp
BZ11-45	234.95	344.00	QFP		Quartz Feldspar Porphyry	buff-gn	pk-red	medium				non mag; 30% anhedral 1/8"glassy-gnish qtz phenos+30% feld phenos; rare 1/4" xeno's blk; non cbd; 2% q-ank gen @50; shrp nat trailing ct @; locy hily alt'd/fract'd/hem'd mody/bl'd-centred on min'n@258.35-259.3, 279.2-279.7, 291.6-292.1, 293.4-293.7; competent-RQD=90
BZ11-46	0.00	5.05	100		Casing							
BZ11-46	5.05	7.80	QFP		Quartz Feldspar Porphyry	pa gy-wt		medium				1-3% cse d py; non mag; 30% anhedral 1/8"glassy-gnish qtz phenos; non cbd; homogeneous except for chl fract's@20; 3% q-ank vn's to 1/2" gen @40; shrp nat ct@42 is indistinct; 1/8"-1/4" xeno's are em green fuch.; sil'd pervasively; ox'd locy;
BZ11-46	7.80	9.10	8d		Argillite	olive gn	med gy	aphanitic				non mag; pa gy-olive gn bedded; aph; non cb'd; 20% med-dk gy chl/sil'd@20-30 w 10-40% cse d py; v highly fol'd@20-30; ser'd; locy conc 20% q-ank vn's@10-30 are to 1/4"; shrp trailing ct@55

Hole_ID	From	To	Lith 1	Lith 2	Lithology Name	Colour1	Colour2	Grain Size 1	Grain Size 2	Text	Text	Description
BZ11-46	9.10	10.65	QFP		Quartz Feldspar Porphyry	pa gy-wt		medium				1-3% cse d py; non mag; 30% anhedral 1/8"glassy-gnish qtz phenos; non cbd; homogeneous except for chl fract's@15; 20% q-ank vn's to 1/2" gen @15; shrp nat ct@20; 1/8"-1/4" xeno's are em green fuch.; sil'd pervasively; ox'd locy;
BZ11-46	10.65	11.75	8d		Argillite	olive gn	med gy	aphanitic				non mag; pa gy-olive gn bedded; aph; non cb'd; 30% med-dk gy chl/sil'd@15-30 w 10-40% cse d py; v highly fol'd@20-30; ser'd; locy conc 20% q-ank vn's@10-30 are to 1/4"; shrp trailing ct@30
BZ11-46	11.75	12.20	QFP		Quartz Feldspar Porphyry	pa gy-wt		medium				1-3% cse d py; non mag; 30% anhedral 1/8"glassy-gnish qtz phenos; non cbd; homogeneous except for chl fract's@30; rare q-ank vn's to 1/2" gen @30; shrp nat ct@50; 1/8"-1/4" xeno's are em green fuch.; sil'd pervasively; ox'd locy;
BZ11-46	12.20	14.30	8d		Argillite	olive gn	med gy	aphanitic				non mag; pa gy-olive gn bedded; aph; non cb'd; 20% med-dk gy chl/sil'd@20-30 w 10-40% cse d py; v highly fol'd@20-30; ser'd; locy conc 20% q-ank vn's@10-30 are to 1/4"; shrp trailing ct@50
BZ11-46	14.30	35.30	QFP		Quartz Feldspar Porphyry	pa gy-wt		medium				generally fresher; 1-3% cse d py; non mag; 30% anhedral 1/8"glassy-gnish qtz phenos; non cbd; homogeneous except for chl fract's@; rare q-ank vn's to 1/2" gen @20; shrp nat ct@55; 1/8"-1/4" xeno's are em green fuch.; sil'd pervasively; ox'd locy;
BZ11-46	35.30	40.90	8d		Argillite	olive gn	med gy	aphanitic				non mag; pa gy-olive gn bedded; aph; non cb'd; first 2.0m- 20% med-dk gy chl/sil'd@20-30 w 10-40% cse d py; v highly fol'd@20-30; ser'd; locy conc 20% q-ank vn's@10-30 are to 1/4"; shrp trailing ct@20
BZ11-46	40.90	55.50	QFP		Quartz Feldspar Porphyry	pa gy-wt		medium				posy arenite but likely xeno; 1-3% cse d py; non mag; 30% anhedral 1/8"glassy-gnish qtz phenos; non cbd; homogeneous except for chl fract's@22; 15% q-ank vn's to 1/2" gen @15; shrp nat ct@13; sil'd pervasively;
BZ11-46	55.50	139.00	8d		Argillite	olive gn	med gy	aphanitic				non mag; pa gy-olive gn bedded; aph; non cb'd; 10% med-dk gy chl/sil'd@20-30 w 10% cse d py; v highly fol'd@20-30; ser'd; locy conc 20% q-ank vn's@10-30 are to 1/4"; fresher @74.5-88.7 where bull 15% q-ank @40-60; locy rip-up clasts

Hole_ID	From	To	Lith 1	Lith 2	Lithology Name	Colour1	Colour2	Grain Size 1	Grain Size 2	Text 1	Text 2	Description
ML11-01	0	3.5	100		Casing							
ML11-01	3.50	26.20	8a		Conglomerate	med grey green		aph	coarse			moderately magnetic with magnetic clasts; variable sized round to subround clasts, pebbles, cobbles poorly sorted in a relatively hard fine to aph matrix; weakly frac'd with calcite+carb+qtz+epi vn'ing approx 5-10%; some weak to mod localized flt'ing - slips healed with epi+qtz+calcite; 19.8 to 20.6 large cobble-boulder; 22.2 to 24.3m 2-5% mg diss py in discontinuous frac's with dk qtz?, and diss in matrix, matrix is a slightly lighter colour, possible weak silica, no reason why this section is mineralized;
ML11-01	26.20	29.30	FP		Feldspar Porphyry	med grey brown		aph	fine			magnetic; looks like a syenite but contains a fair content of plagio feldspars and has a porphyritic appearance; upper and lower contacts irregularweakly frac's with <1mm hairline frac's <5%; contacts are dry with
ML11-01	29.30	35.30	8a		Conglomerate							as with 3.5 to 26.2m; moderately magnetic; lower contact with 1cm wide qtz vn at 85 deg TCA
ML11-01	35.30	38.50	FP		Feldspar Porphyry							as with 26.2 to 29.3m; weakly magnetic; wkly frac'd with epi + calcite healing
ML11-01	38.50	49.84	8a		Conglomerate							as with 3.5 to 26.2m; moderately magnetic becomes less magnetic after 42m to 49.84m; at 41.6m a 3cm wide qtz+calcite+chl vn with 1% py; 42.1 to 42.7m moderately frac'd unit with 1-2% diss py; after 47m fine grained sediment and less pebbles and cobbles; lower contact irregular at approx. 70 to 80 deg TCA
ML11-01	49.84	59.00	FP		Feldspar Porphyry	med brown	dk grey brwon	fine	aph			weakly magnetic; blocky ground; white vitreous plagio feld's and dk green black pyroxene (elongate xstals); epi + red-brown dross carb?, on fracture planes; at 54.27m 2 cm wide grey qtz vn at 90 deg TCA trace mg py; <2% late calcite+qtz + epi vn'lets rarely with minor cpy
ML11-01	59.00	70.03			Chemical Sediment	dk grey green	orange brown	aph	fine			irregular upper contact with FP; wk to mod magnetic in sections; very hard matrix; grain size variable with sections having typical chemical sed repetitious aph bedding of chert-like orange brown to dark grey green 1 to 3mm wide and other sections with uniform sized fine grain sands almost monomictic; unit is blocky with weak to mod frac'ing healed with epi+ red-browm dross on frac planes; at 59.45m Flt with gouge & healed with a 5cm wide qtz+calcite +chl vn at 60 deg TCA, 1-2% fg diss py on vn margins
ML11-01	70.03	81.30	FP		Feldspar Porphyry	dk brown mauve		aph	med			non-magnetic, massive unit; pink to white pearly plagio and orthoclase feldspars with slight bimodal xstal size <1mm to 1cm in diameter; xstals showing weak fabric fol'n at predom 65 to 70 deg TCA; <2% late carb vn'ing; definitive lower contact at 70 deg TCA
ML11-01	81.30	106.1			Chemical Sediment	dk grey green	orange brown	aph	fine			as with 59 to 70.03m; wk to mod magnetic with sections of dk black - orange brown bedding at 20 to 40 deg TCA with sections of fine grains without bedding; wkly frac'd with white carb+epi, rarely vn with diss py; 82.5 to 82.7m Feldspar Porphyry Dyke; 92.5 to 92.9m fine grained bx, poorly sorted section, <1% diss py in fine hairline cracks with epi
ML11-01	106.10	107.90	FP		Feldspar Porphyry	dk grey brown		aph	med			wkly to mod magnetic; plagio pheno's; chl alt'n in frac's near upper & lower contacts with 1-3% fg py+ 15% white-pink carb stringers; contacts are definitive; lower contact at 70 deg TCA
ML11-01	107.90	114.00			Chemical Sediment	med grey green		aph				magnetic with fg black magnetite?; thin 1 to 4mm wide beds at 25 to 30 deg TCA & some sections w/o bedding - massive; some late frac'ing near upper contact healed with white carb+chl + occasional <1% fg diss py; lower contact sharp, definitive at 85 deg TCA with minor 0.25cm wide qtz+carb vn'ing within 5 cm from contact
ML11-01	114.00	195.25	QFP		Quartz Feldspar Porphyry	dark mauve	red brown	fine	med			magnetic with magnetite in matrix; angular to sub-rounded red-brown FP clasts in dark mauve FP matrix due to differential cooling + melt; rare qtz+carb vn'ing <2% with spec hem; trace py in infrequent discontinuous non penetrative hairline frac's; 132.85 to 134m weakly frac'd section with 5-7% fg diss py in <1mm wide frac's + weak sil in frac's+ perv sil?, 170.1m to 173.5m oxidized hem - red coloured matrix, non-magnetic section + 3-5% diss py surrounding a Flt at 170.6 to 171.4m at 0-10 deg TCA with calcite +chl+qtz vn'ing with minor cpy; at 185.4m sharp transition to strong perv chl + carb alt'n probably of the same unit as pheno's are chl'd - high temp- alt'n persists up to lower contact, with shearing at 20 to 25deg TCA from 192 to 192.5m; lower contact sharp and definitve strong ductile shearing after contact in sediment

Hole_ID	From	To	Lith 1	Lith 2	Lithology Name	Colour1	Colour2	Grain Size 1	Grain Size 2	Text 1	Text 2	Description
ML11-01	195.25	225.05	8c		Argillite	ned grey green		fine				magnetic some sections with spotty magnetics; very fine granular texture, bedding not observed, one section has elongated dk green to black xstal - ilmenite?, overall impression that unit is a sediment but possibly a mafic dyke; mod perv chl alt'n and mod to strong carb alt'n; *Strong Shear 195.25 to 204m ductile with mod to strong perv chl alt'n + 20-35% carb+qtz vn'ing at 10-35 deg TCA + 1-2% fg py near contact, 201 to 204m non-magnetic, med grey brown carb+sil alt'n with 3-7% fg to mg diss euhedral py in hairline frac's + stress frac's with white-pink carb+ occasional late pink-white qtz+carb vn'ing 1-2cm wide at 15 to 30 deg TCA;* at 222.05m 0.6cm wide qtz+calcite vn at 45 deg TCA with fg py on margins at contact
ML11-01	225.05	336.20	QFP		Quartz Feldspar Porphyry	dk grey green	dk red brown green	aph	fine			possible FP, since quartz not readily visible at beginning of unit; strongly magnetic; orthoclase feld + chl'd pyroxene xstals? + magnetite or ilmenite, blocky core along slips in many sections; throughout unit 2 to 15% pink-white calcite + orange brown carb + qtz stringers + vn's with fine cpy and rarely with mo + occasional light blue chl?; 232.9 to 233.3m localized frac'ing with red brown oxy'd alt'n + 1-2% fg - mg diss py+ 2cm wide grey-white qtz vn at 30 deg TCA; Major Flt at 234.7 to 235.3m at 20 to 25 deg TCA with gouge; 233.9 to 234.5m possible mafic dyke - magnetic, aphanitic; **241.3 to 241.4 and 244 to 244.5m 1 to 3mm wide sheeted vn'ing at 20-25 deg TCA with 0.2 to 0.5% cpy and 95% grey-white qtz from 244.5 to 245.2m and sheeted vn'ing at 245.2 to 245.4m; 258.4 to 258.6 and 259.7 to 260.2m qtz+red oxy'd hem + 3-8% fg to mg diss py bounded by slip-flt's? at 15 to 20 deg TCA;** 272 to 276.3m perv oxy'd hem giving orange-red-brown colour matrix early grey qtz vn'ing predominantly at 0 deg TCA with cpy on slips with orange brown carb+calcite; 282 to m frequent approx 15-20% 1 to 7mm wide calcite+qtz vn'ing at 65 to 85 deg TCA with occasional fine cpy+ spec hem+minor py, with section from **300.3 to 301.5m hairline network frac's with 3-5% diss mg py** ; gradational change to lower unit due to change in magnetics and ser+sil+dol alt'n
ML11-01	336.20	360.50	QFP		Quartz Feldspar Porphyry	pale med brown	light yellow green	aph	med			unit - sharp gradational change from above unit to non-magnetic at 336.2m; 15to 20 deg TCA frac's+slips +flting from 337.1 to 337.7m with mod to strong perv ser+ chl and sil & dol vn'ing, <1% tr fg diss euhedral py in matrix and of note cpy is rare to non-existent in this section as well as magnetite/ilmenite; occasional frac's with sil+dol vn'ing with py; similar to KQS Zone alt'n but without early sheeted grey qtz vn'ing; 357.5 to 360.5m perv ser+chl alt'n gradually weakens, perv carb alt'n increases, from 358.8 to 359.5m light brown beige colour matrix with strong frac'ing with diss py + fine cpy + moly + 1mm dk qtz+ grey white vnlets with fine cpy; flt with 1.5cm wide calcite vn at 360.4 to 360.5 at 20-25 deg TCA
ML11-01	360.50	444.20	QFP		Quartz Feldspar Porphyry	mauve	med red brown	aph	med			non-magnetic, aph matrix with grey-light pale green plagio pheno's + clear qtz x-stals; 5-10% calcite vnlets with sometimes cpy; spec hem occasionally on slips; <2% grey-white qtz vn'ing; some calcite and carb vn'ing with py in localized frac'd or slips areas; after probable Flt at 387.6m healed with qtz+dol+chl unit becomes strong perv ser + chl from 387.7 to 398m with a weak fol'n fabric at 25 to 65 deg TCA; after 398m dk to med mauve - brown colour matrix with 5-20% pink calcite+carb on slips & vn's with diss py or cpy or spec hem; 415 to 444m Blocky Ground with QFP being magnetic up to 444.2m + mod perv carb alt'n; sharp gradational alt'n to mod to strong ser + carb+ chl
ML11-01	**444.20**	**451.70**	**QFP**		**Quartz Feldspar Porphyry**	**dk olive green**	**patchy mauve**	**aph**	**med**	0		**non-magnetic unit, separated from previous QFP by mod to strong strong ser+chl alt'n and being non-magnetic; unknown controlling structure or feature to alt'n although more brittle frac's at 20 to 40 deg TCA with appreciable fg py + fg cpy+ carb+calcite, grey-white vn'ing up to 10cm wide with fine cpy; 5-10% diss mg euhedral py in matrix; gradational lower contact weakening ser alt'n; may be same zone as in East Lebel DDH LB09-?**

Hole_ID	From	To	Lith 1	Lith 2	Lithology Name	Colour1	Colour2	Grain Size 1	Grain Size 2	Text 1	Text 2	Description
ML11-01	451.70	489	QFP		Quartz Feldspar Porphyry	mauve	med red brown	aph	med			becomes magnetic ~454m; separated from previous unit by ser+chl alt'n + py; 451.7 to 454.1m grey qtz vn'ing with fg cpy+ minor mo, specically from 453 to 453.5m with 1-3% cpy in 75% qtz and 460 to 461m with 10-25% grey qtz vn'ing with fg cpy; remainder of unit with frac's - slips with calcite+carb+spec hem; at 465m unit remains magnetic, plagio pheno's less apparent with greater 15% pyroxenes?,; contact difficult to decipher as 0 deg TCA Flt present from 487.4 to 490m - 10-12% fg py from 488 to 490.1m
ML11-01	489.00	564.00	13e		Syenite	dk green	dk grey green	aph	fine			moderately magnetic; probable syenite; chl pyroxenes?, wk to mod frac'ing with carb and 5-15% calcite vn'ing; <0.5m sections of perv carb with 1-5% diss py in matrix; 510.8 to 512.5m localized shear at 50 to 60 deg TCA with ser alt'n, 5-7% fg diss py and 15-20% qtz+calcite vn'ing; from 517.2 to 550 m occasional 0.5cm to 40 cm wide qtz+minor calcite vn'ing with sometimes strong cpy and sometimes mo *notably from 518.5 to 518.9m with 10% cpy+ mo at 60 deg TCA;* from 518.9 to 564m occasional qtz+minor calcite vn'ing up to 5cm wide with occasional cpy howver vn's are infrequent and wide apart
ML11-02	0.00	5.50	100		Casing							
ML11-02	5.50	16.40	8a		Conglomerate	med grey		aph	coarse			magnetic - spotty with fg magnetite? in non-penetrative frac's; weak narrow frac'sing <2mm wide with epi+carb; occasional qtz carb vn'ing at 7.1 to 13.9 to 14.1m; sharp contact with calcite + epi vn at 60-65 deg TCA
ML11-02	16.40	21.10	FP		Feldspar Porphyry	light to med brown		aph	med			magnetic- spotty with fg magnetite? in frac's; epi+carb in weak frac'ing; lower contact broken core
ML11-02	21.10	47.80	8a		Conglomerate	med grey		aph	coarse			magnetic; weak frac'ing with grey-white carb+minor epi; occasional localized shear or Flt with chl +calcite+carb+qtz with occasional diss py
ML11-02	47.80	62.10	FP		Feldspar Porphyry	med red brown		aph	med			magnetic- weak and spotty; bimodal pheno texture; weak to mod brittle frac'ing with chalk white carb + light grey qtz up to 4mm wide; irregular 65 deg TCA contact
ML11-02	62.10	65.70	8a		Conglomerate	pale yellow green	med grey green	aph	coarse			non-magnetic, highly faulted + frac'd unit with mod dol alt'n; slips + flt'ing+ flt bx at 20 to 45 deg TCA; tr py mineralization; lower contact at 20 deg TCA
ML11-02	65.70	104.60	FP		FP	med red brown		aph	med			non-magnetic, bimodal sized pink+white plagio & orthoclase feld's some x-stals up to 1cm in diameter showing weak to mod fabric at 35 to 50 deg TCA; weak frac'ing with <5% calcite+carb vn'ing; weak perv chl from 83 to 87m with 1% diss py in matrix; lower irregular contact
ML11-02	104.60	128.80	8d		Argillite	med green		aph	fine			non-magnetic unit slightly magnetic at 113.7m; aph to fine grained with rare bedding; some sections with large clasts; weak frac'ing healed with carb+qtz+epi; 111.9 to 112.3m breccia horizon 2 cm wide at 10 deg TCA; 114.8 to 115m wispy beige chert- chemical sed laminations 2 to 4mm wide at 20 deg TCA; 118.14 to 118.57m FP intrusion irregular contacts - possible boulder?; 121 to 121.4m brown chert- chemical sed bedding, at 127.3 to contact with FP unit resembles a hard chemical sed - chert-like horizon; contact is broken with 65-70% qtz+calcite vn'ing at contact
ML11-02	128.80	432.00	QFP		Quartz Feldspar Porphyry	dk green	grey brown	aph	med			strongly to weakly magnetic unit; strong perv chl+ carb; mod to strong frac'ing with mutliple flt-slips; minor py mineralization adjacent or within calcite and quartz vn'ing; slips-fractures with commonly brown oxidizing carb+cclite+minor epi+ occasional spec hem+ occasional cpy; *243.8 to 245.5m strong carb with network frac'ing with chl + 3-5% diss py, beige brown coloured matrix; 275.7 to 276.2m grey white 2.5cm wide along core axis with <1% cpy similar to KQS Zone qtz given colour of vn, orientation & cpy content; 287.9 to 288.5m moderate to strong shear at 65 to 75 deg TCA with strong perv carb, minor ser + 3-5% diss py; from 348 to 358.5m section is non-magnetic with frequent brittle frac's at 40 to 60 deg TCA with chl + adjacent carb+dol + chl vn'ing, matrix with fine wispy ser alt'n, 348 to 372m increase in qtz + carb vn'ing with 10-25% grey qtz vn'ing similar to KQS qtz + pink-white carb vnlets; 383.9 to 384.76m flt-slip zone at 20, 25, 55 and 70 deg TC, 3-5% mg py in chl frac's from 384.76 to 385.1m; 404.1 to 404.4m 5-7% fg py in frac's+carb vn's at 55 deg TCAwith red oxy'd matrix*

Hole_ID	From	To	Lith 1	Lith 2	Lithology Name	Colour1	Colour2	Grain Size 1	Grain Size 2	Text 1	Text 2	Description
ML11-02	**432.00**	**447.20**	**QFP**		**Quartz Feldspar Porphyry**	**pale orange brown**	**light grey green**	**aph**	**med**			**unit is separated out from QFP at 128.8 to 432m by an identified strong brittle to ductile shear zone at 45 to 70 deg TCA, non-magnetic, with tr to 3% fg diss py in micro network and along shear plane frac's - occasional splashes of cpy in qtz+chl vn'ing and up to 2% spec hem in frac's, penetrative and non-penetrative frac's with strong qtz+dol+ser alt'n and minor carb lvn'lets+chl in vnlets, orange-brown matrix colour at variable intervals probably due to oxy'd spec hem**
ML11-02	447.20	458.00	QFP		Quartz Feldspar Porphyry	dark green	red brown	aph	med			weakly magnetic; moderately frac'd with hairline network frac's with chl+spec hem; weak narrow sections of red oxy'd hem
ML11-02	458.00	474.40	QFP		Quartz Feldspar Porphyry	light green	med grey brown	aph	med			mostly non magnetic; 458.05 to 463.5m perv sil+dol alt'n with occasional fuchsite flecs, in sections 30-40% qtz+dol vn'ing, some qtz+carb with fg cpy + tr fg py, from 458.05 to 459.1m moderate shear zone; at 461.4 to 461.6 and 461.7 to 461.9m two 1.5cm to 3cm wide dk qtz+whiteqtz vn's at 15 deg TCA with fg cpy
ML11-02	474.40	479.60	QFP		Quartz Feldspar Porphyry	light grey green		aph	fine			non-magnetic; infrequent fuchsite clots <1mm in diameter; fine micro frac'ing with ser, fine <1mm qtz+carb stringers along frac planes at 35 to 40 deg TCA; <5% qtz+dol vn'ing
ML11-02	479.60	523.00	QFP		Quartz Feldspar Porphyry	red-dk green		fine	med			magnetic; spec hem prevalent in slips and on margins of qtz+calcite vn's; <5% qtz+calcite vn'ing
ML11-03	0.00	5.50	100		Casing							rubble to 6.3m, estimated depth of 5.5m
ML11-03	5.50	31.07	8a		Conglomerate	med green grey		aph	coarse			non-magnetic except for infrequent IF pebbles and from 28.1 to 31.07m where unit is mod to strngly magnetic; poorly sorted with rounded pebbles and sub angular smaller pebbles; perv carb; <5% white carb stringers - frac's;narrow weak shear from 27.43 to 27.8m; sharp contact with FP at 50 deg TCA
ML11-03	31.07	40.40	FP		Feldspar Porphyry	mauve	grey green	aph	med			non-magnetic; perv carb alt'n up to 34m; bimodal feldspar pheno's with xstals up to 3mm diameter and pink white colour; 5-10% caclite+carb and carb + dol vn'ing up to 3cm wide minor spec hem in calcite vn'ing; finer pheno's from 38.5 to 40.4m; strong Flt-Bx at contact with Cngl at 50 deg TCA
ML11-03	40.40	177.30	8a		Conglomerate	med green grey		aph	coarse			non-magnetic except in areas with magnetic cobbles or pebbles or sections where matrix is magnetic; poorly sorted with rounded peebles+cobbles sometimes showing fabric near and within fabric; localized shear-frac's with qtz+dol+chl+ser; <5% discontinuous stress frac's with white carb; starting at 112.9m to 123.2m occassional 0 to 5 deg TCA grey white qtz + minor carb+calcite vn's with minor cpy blebs and tr py similar to KQS Zone but not as frequent - approx10% over the interval ranging from 0.5 to 2.5cm wide; 137 to 145m fg argillite, few pebbles; contact with FP broken without chill margins or alt'n
ML11-03	177.30	178.70	FP		Feldspar Porphyry	mauve grey		aph	med			non-magnetic; white plagioclase feld's of similar size and euhedral; lower contact broken
ML11-03	178.70	262.40	8a		Conglomerate	med green grey		aph	coarse			non-magnetic; large cobbles to pebbles; badly broken ground with brown gangue on slips and occasional epi, 1-7% spec hem frequently on slips; occasional 0 to 15 deg TCA grey qtz or qtz+calcite vn with py and tr cpy
ML11-03	*262.40*	*273.35*	*8a*		*Conglomerate*	*light yellow green*	*brown grey*	*aph*	*fine*			*non-magnetic; 262.4 to 283.1m weak to strong shear-fracture zone, mod to strong ser + chl in conglomerate with grey qtz vnlets 1 to 3mm wide with 3-5% spec hem, 5% gret white qtz and caclite vn'ing with fg minor cpy and tr py, Feldspar Porphyry red-brown matrix oxy'd spec hem, 5% contorted grey white qtz vn'ing with fg cpy, minor spec hem, contacts with conglomerate are irregular*
ML11-03	273.35	275.80	FP		Feldspar Porphyry	red-brown		aph	fine			see description for shear fracture zone 262.4 to 273.35m
ML11-03	275.80	315.00	8c		Arenite	med green grey		fine				see description for shear fracture zone 262.4 to 273.35m; alteration gradationally decreases at 283.1m, possible Conglomerate from 275.8 to 282m as few rounded clasts are observed; unit is weakly magnetic after 285m
ML11-04	0.00	4.30	100		Casing							
ML11-04	4.30	37.70	5i		Trachyte	red dk grey	brown red	fine	med			magnetic where unaltered; frequent orange ortho feld's; perv carb alt'n with <5% <0.25 cm wide pink calcite+carb vn'ing with 3-8% spec hem; occasional highly sheared- frac's sections with variable qtz+dol+ser alt'n + vn'ing with spec hem+tr py+tr cpy and pale red oxy'd spec hem, strong shearing from 24 to 24.5, 27 to 27.2, **29.4 to 29.8** and 35.3 to 36m; some qtz vn'ing with spec hem + blebs of cpy

Hole_ID	From	To	Lith 1	Lith 2	Lithology Name	Colour1	Colour2	Grain Size 1	Grain Size 2	Text 1	Text 2	Description
ML11-04	37.70	121.28	13e		Syenite	dk red	dk grey red	aph	fine			magnetic; contact may be an alt'n contact; chl'd augite are visible; mod to strong frac'ing with chl+ calcite+qtz with 3-8% spec hem+minor cpy + tr py; Shear+Fracture Zone with red oxy'd hem from 65.8 to 68.7m with localized shears at 90 deg TCA + occassional pink calcite vn's 2-3mm wide at 20 deg TCA with cpy; irregular lower ontact
ML11-04	121.28	123.55	FP		Feldspar Porphyry	grey green	light grey	aph	med			non-magnetic; pink-white feld's with bimodal size up to 3mm wide in diameter
ML11-04	123.55	131.70	13e		Syenite	dk red	dk grey red	aph	fine			magnetic; augite pheno's
ML11-04	131.70	137.20	FP		Feldspar Porphyry	mauve-red	grey	aph	med			non-magnetic; pink-white feld's with bimodal size up to 3mm wide in diameter; broken core at contact
ML11-04	137.20	146.10	13e		Syenite	dk red	dk grey red	aph	fine			magnetic; augite pheno's; **143.97 to 144.03 Flt with qtz dol vn'ing possible parallel vn with Bidgood #1 Zone; 146.1to 146.6m Bidgood #1 Zone at contact with FP at 45 to 55 deg TCA Flt Bx with carb+ 3-5% diss py + 14cm wide qtz+dol vn+ ser+chl**
ML11-04	146.10	172.60	FP		Feldspar Porphyry	mauve-red	grey	aph	med			non-magnetic; pink-white feld's with bimodal size up to 3mm wide in diameter; broken core at contact; **148.5 to 150m timber + drift at 400 Level;**
ML11-04	172.60	181.75	13e		Syenite	dk red	light green	aph	fine			magnetic; sections with strong flt or localized shear + frac'ing specifically from 175.75-175.2m, 176.9 to 177.1m, 1181.6 to 181.8m; from 179.5 to 181.75m sediment? Unit sections with angular to subangular clasts + poly-granular texture + approx 20 cm section with primary bx - short wisps of ser, fol'n fabric at 65 to 80 deg TCA; lower contact is Flt'd at 60 deg TCA
ML11-04	181.75	193.70	FP		Feldspar Porphyry	light green	mauve	aph	med			non-magnetic; pale white-pink feld pheno's showing fol'n fabric at 45 to 65 deg TCA; <5% to 10% qtz+dol vn'ing; <1% fg diss py in matrix; irregular lower contact
ML11-04	193.70	196.90	13e		Syenite	dk red		aph	fine			magnetic; mod frac'd with hairline carb frac's; sharp lower contact at 50 deg TCA
ML11-04	196.90	197.80	FP		Feldspar Porphyry	med green		aph	med			non-magnetic; white-pink plagio feld's; flt at lower contact with Syenite at 65 deg TCA
ML11-04	197.80	201.00	13e		Syenite	dk red		aph	fine			as with 193.7 to 196.9m; 201 EOH
ML11-05	0.00	4.50	100		Casing							
ML11-05	4.50	22.30	5i		Trachyte	red dk grey	brown red	fine	med			magnetic where unaltered; frequent orange ortho feld's; perv carb alt'n with <5% <0.25 cm wide pink calcite+carb vn'ing with 3-8% spec hem; occasional highly sheared- frac's sections with variable qtz+dol+ser alt'n + vn'ing with spec hem+tr py+tr cpy and pale red oxy'd spec hem, strong shearing from 24 to 24.5, 27 to 27.2, **29.4 to 29.8** and 35.3 to 36m; some qtz vn'ing with spec hem + blebs of cpy
ML11-05	22.30	120.80	13e		Basic Syenite	dk red	dk grey red	aph	fine			magnetic; 10% blk chl'd augite phenos are visible; mod to strong frac'ing with chl+ calcite+qtz with 3-8% spec hem+minor cpy + tr py; numerous structures up to BRK (26.1); rare blk xeno's to 3/4"; 3% spec hem; not competent-RQD=20 until 60-then=40 (=70@96-109); hem'd red-br locy; shrp nat trailing ct@52
ML11-05	120.80	125.30	BP		Bimodal Porphyry	br-red	pur-buff	cse				fresh; competent-RQD=80; 10% 1/4"euhedral feld phenos+30%feld +10%qtz 1/8" phenos; <1% q-ank vn's to 1/8"@30 gen; hily cbd; fresh; locy hem'd mody; homogeneous;shrp nat trailing ct @57
ML11-05	125.30	134.10	13e		Basic Syenite	dk red	dk grey red	aph	fine			magnetic; 10% blk chl'd augite phenos are visible; mod to strong frac'ing with chl+ calcite+qtz with 3-8% spec hem+minor cpy + tr py; rare blk xeno's to 3/4"; competent-RQD=60; hem'd red-br locy; shrp nat trailing ct@52
ML11-05	134.10	138.00	BP		Bimodal Porphyry	br-red	pur-buff	cse				fresh; competent-RQD=80; 10% 1/4"euhedral feld phenos+30%feld +10%qtz 1/8" phenos; <1% q-ank vn's to 1/8"@30 gen; hily cbd; fresh; locy hem'd mody; homogeneous; not competent-RQD=20
ML11-06	0.00	4.00	100		Casing							
ML11-06	4.00	27.50	5i		Trachyte	med grey	red brown	aph	fine			magnetic from 4 to 21.15m; perv carb alt'n from 4 to 18.6m with 1-5% spec hem along frac's after 18.6m unit is alt'd mod dol+sil in a strongly frac'd section; from 26.4 to 55 m perv oxy'd spec hem produces pale red to red brown colour + weak ser in hairline frac's; overall unit has sections with strong flt's or shears; mineralization predominantly spec hem+magnetite where unit is magnetic+<1% py in frac's+ rare cpy; contact may be at Flt at 27.6m

Hole_ID	From	To	Lith 1	Lith 2	Lithology Name	Colour1	Colour2	Grain Size 1	Grain Size 2	Text 1	Text 2	Description
ML11-06	27.50	151.00	13e		Syenite	red brown	med grey	aph	fine			non-magnetic where perv oxy'd hem alt'n, magnetic at 50.4m; red brown oxy'd hem alt'n with minor ser up to 55m; strngly frac'd from 27.5 to 56m with white to grey white qtz+dol vn'ing up to 35%; *1-8% spec hem + section with fg py + occasional cpy blebs assoc with qtz+dol vn'ing from 45 to 49m* ; **at 73.3 to 73.4m Flt with qtz+calcite at 25 deg TCA with 20% py** ; 135.4 to 135.7m strong flt at 50 to 55 deg TCA with multiple slips and 13 cm wide calcite +qtz vn with 3-5% mg py; sharp contact with FP at 60 deg TCA with a 3mm wide qtz vn at contact
ML11-06	151.00	156.44	FP		Feldspar Porphyry	dark brown grey	red grey	aph	med			non-magnetic; feldspar pheno's bimodal sized; weak red colouration of matrix possibly due to perv oxy'd spec hem; pheno's show strong fabric at 60-65 deg TCA; very rare hairline vn'ing with carb; negl py
ML11-06	156.44	160.30	13e		Syenite	red brown		aph	fine			magnetic, as with 27.5 to 151m; contacts witg FP are 'dry'
ML11-06	160.30	167.95	FP		Feldspar Porphyry	dark brown grey	red grey	aph	med			non-magnetic; feldspar pheno's bimodal sized; weak red colouration of matrix possibly due to perv oxy'd spec hem; pheno's show strong fabric at 55-65 deg TCA; very rare hairline vn'ing with carb; negl py
ML11-06	167.95	195.60	13e		Syenite	red brown	med grey	aph	fine			magnetic except where sheared and alt'd; **Bidgood #1 Shear Zones - 172.1 to 179.3m weak fracture-shear -flt zone with sections from 174.1 to 174.6 with 40% qtz+ank+chl vn'ing contorted +flt'd with 1-2% fg diss py predominant shear fabric from 50 to 70 deg TCA with local flt - bx at 15 -20 deg TCA and at 30 to 40 deg TCA; 182.1 to 185.4m probably Main Bidgood #1 Zone, strong ductile shear at 40 to 50 deg TCA with brittle frac'ing with chl+qtz+ank vn'ing sometimes cross cutting shear slips other times contorted by shear, overall 20-25% pale white opaque qtz+ank, 1-5% diss fg py in shear slips + frac's, shear is flt bounded at 185.4 appears low angle at 15 deg TCA with qtz+ank+fg diss py, strong ser+chl qtz+ank alt'n;** 10 cm FP dyke at 171 to 171.1m;
ML11-06	195.60	237.00	FP		Feldspar Porphyry	dark brown grey	red grey	aph	med			non-magnetic; plagio pheno's bimodal up to 5mm in diameter with moderate fol'n fabric 45 to 50 deg TCA; occasonal tightly constrained frac's-vn's at 15 to 65 deg TCA with pale white qtz+dol+minor carb+chl; weak perv oxy'd hem sections from 211.4 to 214.8m, 220.3 to 222.2m, and 224 to 228.7m, 0 deg TCA late slip offsetting vn's from 210.3 to 214.8m, EOH at 237m.
ML11-07	0.00	4.20	100	Casing		dk grey	red - red-grey	aph	fine			
ML11-07	4.20	9.50	5i		Trachyte	dk grey	red-grey	aph	coarse			strongly magnetic; subangular clasts - almost Conglomerate texture- possible detrital country rock entrained in primary flow?; moderate to strong frac'd with qtz+carb+3-5% spec hem and probably magnetite; contact is not clear due to broken core
ML11-07	9.50	110.00	13e		Syenite	red grey		aph	fine			weak to moderately magnetic where unaltered; red colour alt'd sections probably due to perv oxy'd hem, bladed x-stals alt'd to ser; unit strongly frac'd with localized shears sometime with py, early stage shear with occasional py at 55 to 65 deg TCA sometime conjugate with chl+ light grey qtz+dol hairline veining penetrative and non-penetrative and later 10 to 25 deg TCA white-pink qtz-dol vn'ing up to 3 cm wide with occasional cpy, rare later vn's at 55 to 65 deg TCA with cpy+py; 22.6 to 26m frequent qtz+dol vn'ing occurences overall 15% up to 4 cm wide at 10-15 deg TCA and 55 to 65 deg TCA with cpy and py; **35.8 to 37.5m mod shear + py zone 5-8% fg py + grey qtz, shear at 30 deg TCA py in chl frac's some slips- shear at 0 deg TCA with qtz+carb** ; strong shear at 107.2 to 107.5m at 40 deg TCA with carb+calcite+qtz+chl, tr py; contact is definite and dry without chill margins at 45 deg TCA
ML11-07	110.00	115.50	FP		Feldspar Porphyry	red		aph	med			non-magnetic; bimodal feld pheno's with weak fabric fol'n; weak and infrequent qtz vnlets; tr py in matrix; lower contact at 60 deg TCA, dry no chill margins
ML11-07	115.50	122.74	13e		Syenite	red grey		aph	fine			magnetic; mod fol'n fabric; non-penetrative frac's; lacks vn'ing and localized shearing; lower contact broken
ML11-07	122.74	128.65	FP		Feldspar Porphyry	red		aph	med			non-magnetic; bimodal feld pheno's with weak fabric fol'n; weak and infrequent qtz vnlets; tr py in matrix; lower contact broken possibly 50 to 65 deg TCA, strong shear in syenite at contact

Hole_ID	From	To	Lith 1	Lith 2	Lithology Name	Colour1	Colour2	Grain Size 1	Grain Size 2	Text 1	Text 2	Description
ML11-07	128.65	141.10	13e		Syenite	red grey		aph	fine			weak to moderately magnetic where unaltered; red-orange colour alt'd sections probably due to perv oxy'd hem; unit strongly frac'd with localized shears sometime with py, early stage shear with occasional py at 65 to 90 deg TCA + later 0 to 40 deg TCA pink-white carb hairline veining penetrative and non-penetrative; **at FP-Syn contact 128.65 to 129.01m strong shear-flt at 35 to 40 deg TCA chl+carb alt'n, 2 cm wide vn at 35 deg with 2-5% fg anhedral py ; Bidgood #1 Zone may be made up of several localized shear-flts at the following intervals, 136.6 to 137.7m, *139.5 to 140.05m, 145.7 to 146.9m,* 153.6 to 153.95m with zones typically having perv ser+chl or oxy'd hem with grey qtz or carb+dol + qtz vn'ing with tr to 2% fg py at 25 to 55 deg TCA;** lower contact broken
ML11-07	141.10	169.90	FP		Feldspar Porphyry	red grey		aph	med			non-magnetic;bimodal texture of feld pheno's; occassional angular to subangular xeno's, chl'd; **Bidgood #1 Zone may be made up of several localized shear-flts at the following intervals, 145.7 to 146.9m, 153.6 to 153.95m with zones typically having perv ser+chl or oxy'd hem with grey qtz or carb+dol + qtz vn'ing with tr to 2% fg py at 25 to 55 deg TCA;** occasional 5-15 cm sections with strong frac slips + perv khaki green ser alt'n; lower contact sharp with bx + qtz healed
ML11-07	169.90	173.25	13e		Syenite	dk red grey		aph	fine			magnetic; bx healed with qtz at FP-Syn contact at 90 deg TCA, perv ser alt'n to 170.2m; irregular lower contact with FP
ML11-07	173.25	188.06	FP		Feldspar Porphyry	red grey		aph	med			non-magnetic; as with previous FP units, mod feld pheno fabric; weak <0.25 cm qtz+dol vnlets+ occasional spec hem; 185.9 to 186.5m ser+chl alt'n strong fol'n fabric; lower irregular contact
ML11-07	188.06	201.00	13e		Syenite	red grey	dk red grey	aph	fine			magnetic; 201 EOH
ML11-08	472.00	543.00	QFP		Quartz Feldspar Porphyry	buff-gn	gy-br	medium				extension of LB08-43; non mag; 30% anhedral 1/8"glassy-gnish qtz phenos+30% feld phenos; rare 1/4" xeno's blk; non cbd; rare q-ank vn's gen @50; shrp nat trailing ct @; locy (10-30%) hily alt'd- mody/bl'd to olive gn+ locyhem'd/k-alt'd centred on scattered 1/8"-0.2m wt qv's-gen w 1-5% cse d py+ 1-2% cp+@30-60; not competent-RQD=10-except =60@493.0-499.0, (usually more competent where bl'd)- then becomes fresher after 517.0, where RQD=30 +3% pk carb vuggy fract-gen@30-50; spec hem prevelant esp in unaltered areas; around 510m unit becomes weakly magnetic except where sheared + alt'n; 531.5 to 537.7m weak shear brittle + weak fabric fol'n at 35 to 40 deg TCA with ser+chl in slips-frac's tr py; 538.6 to 538.8m Flt at 15 deg TCA
ML11-08	543.00	587.10	8c		Arenite	grey brown		fine	med			magnetic; granular texture; occasional red garnet colour grains and occasional subrounded and angular pebbles; sections with bedding appearance; core is badly broken along slips, slips & fol'n fabric majority <45 deg TCA having orange brown carb with predominantly spec hem + graphite + cpy + py, faut-slips discordant with bedding; 554 to 554.7 tectonic bx healed with carb - negl mineralization; 5-10% carb+minor qtz vn'ing at variable angles having assoc spec hem + occasional cpy; **583.5 to 584.8m higly frac'ed zone at 55 deg TCA and 15 deg TCA perpendicular to bedding with 50% qtz+carb+calcite+chl with 0.5% cpy + moly?+ 1% py;** sharp gradational change to conglomerate
ML11-08	587.10	598.50	8a		Conglomerate	dk grey	orange brown	fine	coarse			magnetic; badly broken core; overall 1% spec hem and tr cpy on multiple slips with brown carb; <5% carb vn'ing
ML11-08	598.50	631.00	QFP		Quartz Feldspar Porphyry	dk grey		aph	med			magnetic; white plagio feld's and light green grey qtz showing weak fabric fol'n with late slips cross cutting fabric perpendicular; slips have brown carb with spec hem and plus rare qtz vn'ing; *622.7 to 625.5 m Flt bounded shear-frac'd zone with network brittle frac's with dk chl? and brown-pink carb minor spec hem, occasional cpy at variable angles with later low angle grey qtz+calcite vn'ing at 10 to 20 deg TCA with occasional spec of cpy;*
ML11-09	0.00	3.50	100		Casing							

Hole_ID	From	To	Lith 1	Lith 2	Lithology Name	Colour1	Colour2	Grain Size 1	Grain Size 2	Text 1	Text 2	Description
ML11-09	3.50	41.10	QFP		Quartz Feldspar Porphyry	light med green	light brown green	aph	fine			non-magnetic; chl green pheno's and ser yellow green pheno's generally homogenous in size showing fabric foliation in sections; perv ser+chl+ minor fuchsite; veining description - early laminar dk grey-grey-white vn'ing 1mm to 1.5 cm wide predom at 0 to 45 deg TCA with mior fg py with minor cpy in later hairline frac's with carb-dol & later qtz-ank or dol vn'ing at 15 to 70 deg TCA with cpy + minor py & late bull white + grey-white vning at irregular angles to core axis; overall 1=5% fg py in frac's mostly assoc with vn'ing, some py in clots, occasional cpy in frac's in veining and within vn'ing, overall <0.2%; 20.5 to 38.8m gradational change to weaker alt'n section less ser+chl, matrix a grey brown colour pheno's still chl; some py in frac's near dyke contact
ML11-09	41.10	49.75	1s		Mafic Dyke	dark green	dk purple	aph				magnetic; possible large IF xeno especially looking at section 56.78 to 59.7m however strong sense that this is a dyke with gouge at 41.1m and narrow vein at lower contact at 45 deg TCA
ML11-09	49.75	56.78	QFP		Quartz Feldspar Porphyry	light med green	light brown green	aph	fine			non-magnetic; moderate ser+chl alt'n relative to unit at 3.5 to 41.1m; few 2mm to 5mm grey qtz vn'ing at 20 and 45 deg TCA; at 56.78m sharp change to unit with sub-rounded to subangular fragments with Conglomerate appearance
ML11-09	56.78	59.50	QFP		Quartz Feldspar Porphyry	light green brown	grey brown	fine	med			non-magnetic; possible conglomerate or QFP with differential cooling melt with movement or xenolith of conglomerate or roof pendant; minor frac'ing with dol+fg py
ML11-09	59.50	114.00	QFP		Quartz Feldspar Porphyry	light med green	light brown green	aph	fine			non-magnetic; prismatic, bladed chl green pheno's and ser yellow green pheno's generally homogenous in size showing fabric foliation in sections; variable perv ser+sil+chl+sil minor fuchsite; veining description - early laminar dk grey-grey-white vn'ing 1mm to 1.5 cm wide predom at 0 to 45 deg TCA with minor fg py with minor cpy in later hairline frac's with carb-dol & later qtz-ank or dol vn'ing at 15 to 70 deg TCA with cpy + minor py + occasional spec hem & cross-cutting late bull white + grey-white vning at irregular angles to core axis; 72m to 111m mod per ser+chl alt'n with 5 to 20% grey sheeted vn'ing + mutli carb+dol+qtz vn'ing with 1 to 5% fg diss py + minor cpy+spec hem; alt'n gradational contact
ML11-09	114.00	125.50	QFP		Quartz Feldspar Porphyry	light grey green		aph	fine			less per ser -sil - chl alt'n than previous unit with more frequent red orange carbonate + spec hem with minor cpy slips; at 117.7m 5cm wide primary bx sub rounded to rounded bx
ML11-09	125.50	269.00	QFP		Quartz Feldspar Porphyry	light med green	light brown green	aph	fine			as with QFP unit from 59.5 to 114m; 140.8 to 146.4m strong fabric fol'n with britlle frac's section with perv ser + sil alt'n + chl+ minor fuchsite at 30 to 50 deg TCA; with occasional 1.5 to 8cm wide dk grey sheeted and qtz vn'ing with frac's having fg diss py up to 3-5%; 145.9 to 153m orange brown colour matrix due to oxy'd spec hem?;259 to 265m strong angular bx healed with grey - pale white dol+qtz <1% diss py at margins of dol+qtz healing in frac's late slip frac's with ser at 40 and 15 deg TCA ; gradational change in weaker ser+chl alt'n
ML11-09	269.00	384.00	QFP		Quartz Feldspar Porphyry	grey red	grey	aph	med			non-magnetic to weakly magnetic with spotty magnetite; different from previous unit weak perv ser+sil alt'n; white + light green feld pheno's; multiple slips with light pink-orange carb + spec hem; occasional sections with perv ser + chl alt'n; calcite +carb vn'ing just as frequent as qtz and qtz+dol vn'ing
ML11-09	384.00	418.20	QFP		Quartz Feldspar Porphyry	light army green	grey	aph	fine			non-magnetic; unit differs from previous QFP mod to strong perv ser+sil+chl alt'n with pheno's chl with sections having grey-white to dk grey 0 to 25 deg TCA sheeted vn'ing and qtz & qtz-dol-minor carb hydrothermal bx+vn'ing; fabric fol'n variable from 0 to 70 deg TCA; some sections with strong hydrothermal bx; sharp gradational change at 20 deg TCA
ML11-09	418.20	471.00	FP		Feldspar Porphyry	dk brown	dk grey green	aph	med			non-magnetic; bimodal sized pheno's white to pink-white; perv chl alt'n weakening away from upper QFP contactweak to mod white-pink calcite+carb vn'ing at 45 to 65 deg TCA up to 4mm wide
ML11-09	471.00	631.20	FP		Feldspar Porphyry	dk brown	med grey green	aph	med			spotty magnetic; differs from above unit - not bimodal + magnetic; some sections with perv ser+sil+chl with chl'd pheno's + grey-white bull qtz and pink-orange calcite-carb vn'ing usually assoc with strong slips or frac-shear zones; occasionally diss py and rarely cpy along slips or margins of vn's
ML11-09	631.20	631.50	15a		Diabase	dk green		aph				magnetic;

Hole_ID	From	To	Lith 1	Lith 2	Lithology Name	Colour1	Colour2	Grain Size 1	Grain Size 2	Text 1	Text 2	Description
ML11-09	631.50	675.00	FP		Feldspar Porphyry	dk brown	med grey green	aph	med			spotty magnetic;grey to white feld phenos + spotty dk green-black magnetite; <5 to 15% pink-orange calcite-carb vn'ing usually assoc with strong slips or frac-shear zones + occassional spec hem+minor cpy on slips; occasionally diss py and rarely cpy along slips or margins of vn's; grey qtz vn'ing but rare, 675m EOH not 678 as written on drill timesheets
ML11-10	0.00	3.00	100		Casing							
ML11-10	3.00	4.20	2g		Crystal Tuff	reddish green		fine				non-magnetic; irregular shaped red K-Spar? xstals? possible porphyry, light green granular matrix; 3-5% py in discontinuous frac's with porcelain white dol
ML11-10	4.20	6.50	2f		Tuff	brown earthy green		fine				non-magnetic; bedding possibly an Argillite but unit inter-sequences with Crystal Tuff; bedding at 25 deg TCA; fg py mineralization in fracutures at various angles; lower contact at 15 deg TCA
ML11-10	6.50	10.00	2g		Crystal Tuff	reddish green		fine				mix of tuff and Crystal Tuff
ML11-10	10.00	11.80	2f		Tuff	brown earthy green		fine				mix of tuff and Crystal Tuff
ML11-10	11.80	18.50	2g		Crystal Tuff	reddish green		fine	med			as with previous Crystal Tuff
ML11-10	18.50	45.70	2f		Tuff	reddish green	light khaki green	fine	med			Tuff with sections of Crystal Tuff and mixed Tuff-Crystal Tuff; some sections with mod to strong frac'ing with chl+ser with very fg py + later pale white qtz+dol; 43 to 45.7m strong shear zone at Tuff-Conglomerate contact ductile with brittle late frac's, strong ser+chl alt'n and 35 to 40% qtz+dol veining + frag's of veins + 1% very fg py; irregular contact with Congl at 75 deg TCA
ML11-10	45.70	50.50	8a		Conglomerate	multi coloured		fine	coarse			Timiskaming age - jasper pebbles; 45.7 to 50.5m highly frac'd hairline frac's at variable orientations penetrative and non-penetrative with dol+ser+chl matrix becomes very hard from 48.3 to 50.5m, very fg py in frac's <1%; major flts at 46.5 to 47m with 20cm of Lost core and 49.3 to 49.6m 5 to 15 deg TCA chl+ser+gouge; definitive contact with Crystal Tuff
ML11-10	50.50	53.40	2g		Crystal Tuff	reddish green		fine	med			mod frac'ing with dk balck qtz, no mineralization; tr mineralization in matrix; major faults at 51.9m to 52.1 and 52.7 to 53.3m with gouge + minor dol vn'ing + chl+ser at generally 45 to 55 deg TCA
ML11-10	53.40	139.80	8a		Conglomerate	multi coloured		fine	coarse			few pebbles & cobbles near upper contact but gradually becomes dominated by cobbles & pebbles, poorly sorted not effected by stress fol'n; occassional bull white+ faint pink qtz+dol with occasional cpy; tr to 2% diss euhedral py in matrix; 54 to 54.5m 0-5 deg TCA dol vn'ing along frac's 1-2mm wide; 133.7 to 134.4m arenite contacts at 20 to 30 deg TCA; 5cm qtz+dol vn at lower contact at 30 deg TCA
ML11-10	139.80	148.00	8c		Arenite	light green		fine				non-magnetic; fine grained uniform in grain size; <5% qtz+ dol vn'lets usually < 3mm wide a few up to 0.75 cm wide; wispy non-penetrative to penetrative hairline frac's with very fg py predominantly at 0 to 20 deg TCA; at 148m rapid gradational change to Conglomerate
ML11-10	148.00	180.00	8a		Conglomerate	multi coloured		fine	coarse			as with 53.4 to 139.8m; narrow sections of fabric fol'n at 155.5 to 156.3, 157.8 to 158.06m, and 160.5 to 163.8m mod to strong shearing with spotty fuchsite alt'n + 1-5% diss py on edges of pebbles + cobbles
ML11-11	0.00	2.70	100		Casing							
ML11-11	2.70	3.06	6b		Wacke	light khaki green		aph				non-magnetic; frac'd bx at 2.7 to 2.9m with chl healing
ML11-11	3.06	24.20	3f		Lapilli Tuff	med khaki green	light khaki green	aph				non-magnetic to spotty magnetic - weak ilmenite? clusters; 3 to 4 m pink matrix colour possibly due to perv oxy'd hem, spec hem in wk to mod frac'ing and two frac's 2mm wide at 3.7 with py at 80 deg TCA; 4 to 4.05m Wacke, at 4.05 30 cm Lost Core rubble; fol'n fabric & hairline frac's at 20 to 35 deg TCA; weak perv chl alt'n some sections with brittle frac'ing healed with off-white qtz+dol; 5.4 to 7m predom 5 to 20 deg TCA discontinuous frac's with fg py overall 3-5% discordant with 35 deg TCA 1mm qtz vnlets, matrix with wk ser alt'n; sharp lower contact

Hole_ID	From	To	Lith 1	Lith 2	Lithology Name	Colour1	Colour2	Grain Size 1	Grain Size 2	Text 1	Text 2	Description
ML11-11	24.20	30.54	13e		Syenite	light brown	grey brown	fine				non-magnetic with a couple of magnetic xeno's; possible syenite perv chl alt'n mod network frac'ingoccasional white feld pheno's?; strong K-spar alt'n at upper contact with mod qtz -dol vn'ing
ML11-11	30.54	33.60	8a		Conglomerate	multi coloured		coarse				spotty magnetic; large rounded cobbles; mod frac'ing with py + py in matrix; possible Tuff or Pyroclatic Breccia
ML11-11	33.60	72.00	3f		Lapilli Tuff	med khaki green	light khaki green	aph				spotty magnetic; sections with strong shearing-flt'ing with ser+5 to 50% qtz+dol vn'ing; fg py in wk frac'ing; rods binding in flt gouge from 66 to 72m stopped hole and steepened dip with same bearing in ML11-11A; EOH
ML11-11A	0.00	1.90	100		Casing							
ML11-11A	1.90	22.30	3f		Lapilli Tuff	med khaki green	light khaki green	aph	med			non-magnetic, mix of sub round to round to angular fragmets various sizes poorly sorted; 5 to 10% pale white qtz+dol vn'ing1 to 4mm wide at various angles; occasional flt shears with ser+chl+ variable fg py ; lower contact sharp with 2 cm wide light grey qtz at 70 deg TCA
ML11-11A	22.30	32.50	8a		Conglomerate	dk green	orange brown	aph	coarse			magnetic & non-magnetic; possible Tuff Breccia or Pyroclastic Breccia; fragments can be angular to rounded with occasional absorbed looking clasts or well-defined sharp edged clasts; unit has multiple flt-slips with sections especially near syenite contact with py in moderate frac's, 50% py vn 1cm wide at 24.7m at 40 deg TCA in qtz+dol vn; sharp lower contact at 75 deg TCA with strong qtz+dol vn;ing at contact in Conglomerate
ML11-11A	32.50	34.80	13e		Syenite							
ML11-11A	34.80	40.65	3f		Lapilli Tuff	dk grey	dk red grey	aph	coarse			magnetic; has sections with round fragments or pebbles like a conglomerate or pyroclastic breccia; dense rock with 1-5% fg py in matrix in sections; wkly frac'd and wk qtz+dol vn'lets <5%; at 40.65m sharp gradational transition to strong light khaki green coloured sheared+ perv ser+ chl lapilli tuff
ML11-11A	40.65	52.65	3f		Lapilli Tuff	med dull khaki green	dull light grey green	aph	fine			wkly to moderately magnetic; strong perv ser+chl alt'n with sections of strong shearing with up to 50% qtz+dol vn'ing and sections with py in irregular and discontinuous frac's up to 7%
ML11-11A	52.65	57.53	13e		Syenite	dk red green		aph	fine			weakly magnetic; chl'd and strong carb alt'd matrix; a few <5% carb vn'lets at pre dom 40 to 50 deg TCA; irregular sharp contact
ML11-11A	57.53	64.40	3f		Lapilli Tuff	med green	red brown	aph	fine			spotty magnetic; strong ser+chl + up to 25% irreegular qtz-dol vn'ing; shear zone from 57.65 to 59.3m with 3-7% fg diss py appears remob'd in sinewy dicontinuous slips-frac's with ser+grey qtz + up to 25% qtz-dol vn'ing;lower contact not clear determined by carb alt'n for lack of a definitive contact
ML11-11A	64.40	65.36	13e		Syenite	dk red green		aph	fine			weakly to non-magnetic; strong carb+chl alt'n; py vn's 1mm to 3mm wide from 71.8 m to 73.2m ; Flt gouging starts at 68.3m with bad ground + rubble from 69.2 to 70m with badly broken ground from 73 to 74.2m with flt gouge at 75.36m contact with Tuff at 35 deg TCA
ML11-11A	65.36	106.90	3f		Lapilli Tuff	med green	red brown	aph	fine			spotty magnetic; strong ser+chl + up to 25% irreegular qtz-dol vn'ing; mild shearing; 77.6 to 78.7m up to 25% very fg grey py with grey qtz remobilized slips at 20 to 40 deg TCA;
ML11-11A	106.90	180.00	13e		Syenite	dk red green		aph	fine			magnetic; might be same unit as above; strong carb +chl alt'n with weak carb+calcite vn'ing with occassional cpy; some frac'd sections with up to 7% diss py in frac's and in matrix
ML11-12	0.00	1.60	100		Casing							
ML11-12	1.60	49.64	8a		Conglomerate	multi coloured		aph	coarse			predominantly non-magnetic; low grade meta-morph with wk to mod ser + red spotty Kspar? Alt'n+ wk chl in frac's; poorly sorted with sections of rounded pebbles + cobbles and interlayed fine grained sed's; wk qtz-dol vn'ing throughout; 3.6 to 3.7m possible light green brown sed or felsic dyke, sharp irregular contacts unit has 3-5% diss py in frac's; sharp lower contact with flt-weak shear in Cngl prior to contact, contact at 60 to 70 deg TCA
ML11-12	49.64	132.41	13e		Syenite	dk red brown	dk green	aph	fine			magnetic; sections with strong perv carb and mod chl alt'n; 5-15% late white to pink to red calcite-carb+qtz+chl vn'ing; 131.6 to contact with Cngl mod to strong qtz-dol alt'n with 15-20% qtz-dol vn'ing at 15 and 75-85 deg TCA; multi slips at contact with tr py; sharp contact at 90 deg TCA

Hole_ID	From	To	Lith 1	Lith 2	Lithology Name	Colour1	Colour2	Grain Size 1	Grain Size 2	Text 1	Text 2	Description
ML11-12	132.41	163.50	8a		Conglomerate	med dull green	multi coloured	fine	coarse			non-magnetic; congl at contact unaltered;rounded clasts, poorly sorted with sections of finer sands with some bedding, occasional jasper pebbles; weak fol'n fabric; some diss py seen in matrix
ML11-12	163.50	179.30	13e		Syenite	dk red brown	dk green	aph	fine			as with 49.64 to 132.41m; sharp contact at 20 deg TCA, negl alt'n in syenite; congl dry
ML11-12	179.30	201.00	8a		Conglomerate	med dull green	multi coloured	fine	coarse			as with 132.41 to 163.5m; 201 EOH
ML11-13	0.00	35.10	100		Casing/overburden							
ML11-13	35.10	97.50	8c		Arenite	tan brown	grey green	med	fine			non magnetic; very blocky ground w most pieces <20 cm, zones w RQD=<20 as all BC in small crumbly blocks <2 cm in length; fn to mg grainy sed w clear sedimentary bedding @15-25 TCA, some hem'd; rusty staining throughout core esp along <0.3 cm fracs; some minor microfaults offsetting bedding however structures difficult to see due to highly broken core; 1-5% spec hem + hem alt found throughout core w tr moly; tr <0.7 cm qtz-carb vns @30; at 47.8 m tr subrounded clasts, most made of qtz some w porphyritic texture; zones in unit have subrounded clasts and appear to be conglomerates such as btw 52.4-54.2m and 59-60.7m w with multi-coloured clasts and a dull green to brown overall colouration; conglomerate units are poorly sorted and have interbedded sections of finer sands/arenites w visible bedding; arenites units have tr rounded clasts throughout; btw 80.8 to 84.2m 1% <1 cm bright green clasts most likely fuschite/roscoelite; sediment becomes more altered close to the contact w lime green colouration, increasing grey qtz vning @0-50, hly hem'd + sheared; sharp lower contact @30
ML11-13	97.50	124.20	13e		Syenite	dk red brown	dk green	aph	fine			non to weakly magnetic; can see <0.2 cm plagioclase crystals, augite not visible; highly broken core w RQD=<10 and pieces <10 cm; highly hem'd w 1-8% spec hem; increasing veining w 1-3% qtz vning w 1-3% md to cse chalco + hem along <2 cm vns and <0.3 cm fracs ; no porphyritic texture visible however syenite has <0.5 cm xenolith inclusions + chl alt; syenite gradually transitions into porphyry as texture changes w visible <0.3 phenocrysts, broken ground becomes competent, colour chages from dk red brown to more pinkish; distinct transition occurs at 127m where porphyry changes to lime green colour; contacts @35;
ML11-13	124.20	172.00	QFP		Quartz Feldspar Porphyry	light red	lime green	aph	fine			non magnetic; feldspar-qtz phenocrysts <0.3 cm across and wt to light green in the reddish brown matrix whereas phenocrysts are chl'd and sligthly sheared/elongated in the lime green coloured matrix which begins at 126m; ground improved significatly in QFP w an RQD=>85; 2-5% wt to slightly grey veining throughout lime green matrix, most running at low angles to core @0-40; some chl'd >3 cm qtz-dol vns @40 w 1-2% fg py; Transition from lime green to light red at 138.6m and back to lime green at 144.3m; in red matrix 1-3% wt to grey qtz vns @0-80 some w tr fg py; in porphyry have 0.1-3 cm bright green phenocrysts most likely fuschitic or more rarely roscoelite; after 146m porphyry switches back and forth every couple metres btw the light red/lime green colour; main differences is perv ser alt + higher proportion of veining, mostly wt qtz at low angles in the green matrix and smaller wt to grey qtz vns at higher angles + py filled fracs in the red matrix; min'd zones: 129.3-129.6m; lower contact gradational @30
ML11-13	172.00	200.80	QFP		Quartz Feldspar Porphyry	light green	bleached tan	aph	fine			non magnetic; <0.3 cm glassy quartz phenocrysts + wt to green feldspar phenocrysts in a light green to tan matrix; ser + chl alt in groundmass /fracs + sil alt throughout; ground not as competent w an RQD=60-70, w some areas of broken core; minimal qtz vning throughout w on avg <1-2% wt to grey qtz vning, primarily <2 cm in broken core; 2-4% spec hem + <1 cm brown to pk ank vning; vuggy texture w 1-3 cm vugs filled with qtz-ank-dol + spec hem + tr py/chalco; slightly sheared gradational contact @40

Hole_ID	From	To	Lith 1	Lith 2	Lithology Name	Colour1	Colour2	Grain Size 1	Grain Size 2	Text 1	Text 2	Description
ML11-13	200.80	325.85	QFP		Quartz Feldspar Porphyry	dk red brown	light to lime green	aph	fine			non magnetic; <0.5 cm glassy to pink quartz phenocrysts + wt to green feldspar phenocrysts in a dominantly dk red matrix to occasional light green matrix; increased 1-4% wt to grey qtz vning including 1*30 cm wt to light grey qtz vn btw 205-205.3 @45; some areas of the red coloured matrix porphryry such as btw 231-232m has coarser phenocrysts giving it a weak bimodal texture w phenocrysts ranging from 0.2-0.5 cm; subrounded enclaves or xenoliths are also seen ranging from 0.5-8 cm in length; From 237.3-258.8m phenocrysts very clear w elongate glassy <0.4 cm qtz phenos + <0.6 pink to wt feldspar phenos in a dark red matrix w some chl clasts + occasional larger phenos; minimal vning w 1-2% qtz + qtz-carb vning @20-80; carb vning both dol + ank, usually vuggy textured and min'd w 1-3% py in vugs; afterwards move into green and more bleached matrix, but move back into dark red at 271m, with the porphyry matrix colour and phenocrysts constantly changing throughout but dominated by dk red w cse phenos; contact containing a moly slip @70
ML11-13	325.85	390.70	QFP		Quartz Feldspar Porphyry	light green	pink red	aph	fine			non magnetic; move from dark red coarse porphyry into light green to pink-red porphyry w finer grained, more subdued phenocrysts; at 363m qtz vning increases to 1-8% w both wt qtz and darker grey qtz w blk stringers + qtz vns w ank(-dol) usually vuggy in texture; lower contact transitional to more coarse grained porphyry as seen early as small units;
ML11-13	390.70	596.55	QFP		Quartz Feldspar Porphyry	dk red brown	grey red	fine	med			intermittently magnetic but mostly non magnetic; porphyry transitions once again into a dk red brown coarser grained porphyry w >30% strong wt to pk phenos usually <0.5 cm but some areas w phenos ranging up to 1 cm; diminished amounts of qtz vning in comparison to early porphyry units w <1-3% qtz vning as wt to light grey vns; 1-5% spec hem common esp ass w pk ank-dol vns/along faces of BC; ground poor with an avg RQD=<50; within this coarser unit are more compitent sections of lighter red and grey-green porphyry with less coarse and visible phenos such as btw 449.5-441.8 where matrix turns light green to pink w less pronounced chl'd light green glassy phenos and btw 457-461m where matrix is bright red w elongated glassy phenos and btw 520-524.5m where ground improves dramatically and matrix becomes light pink to green w glassy green phenos + sil'd zones + qtz-dol-ank vning; mineralization improves in zones with increased alteration + vning such as btw 529-535.8m where highly broken core hosts grey qtz vns containing 1-2% chalco w ank-dol + chl alt within/around vns; when matrix dk red brown often have 0.2-0.5 cm halos of lighter red matrix on margins of qtz vns; gradation lower contact @30 TCA
ML11-13	596.55	637.90	QFP		Quartz Feldspar Porphyry	pink red	dk red grey	fine				non magnetic; ground improved dramatically w an RQD=>90; matrix dark pink red w <0.5 cm light green to wt subrounded qtz-felds phenos; weak **King Quartz Stockwork veining** w 1-20% wt to grey qtz as whispy qtz vns w occasional ass blk stringers @10-60 w cross cutting fracs, offset by microfaults + dol-ank-hem vns; 1-2% pk to wt dol-ank-qtz vns @30-70; vns ass w 1-3% sulphides as both chalco blobs + diss fg py; ser'd + chl'd in zones w hem along fracs; btw 604.9-605.3 m groundmass bright green w chl'd/ser'd phenos + 2-3% fg diss py; extremely sharp min'd lower contact @25 TCA
ML11-13	637.90	669.32	13c		Diorite	dk green		aph	fine			magnetic to weakly magnetic; completely aph in zones but some areas w 0.2 cm red felds + <0.1 cm wt to gn grains visible; 3-10% wt qtz vns @30-50 w hairline fracs + pk ank vns; 1-3% fg py found adj to vns + along chl'd fracs + rarely in vns; btw 649.45-649.55m have intrusive of previous red porphyry - contact extremely sharp @75 TCA and both red porphyry intrusive and green matrix are crosscut by a 1.5 cm wt to pk qtz-dol-ank vn w <1 cm chalco blobs; sharp lower contact at a chl slip @65 TCA
ML11-13	669.32	678.04	QFP		Quartz Feldspar Porphyry	dk brown red	dk green	fine				non magnetic; continuous transitions throughout porphyry unit of porphyry w dk green diorite/sediment from above (poss due to fact on contact btw two units); contacts btw two lithologies sharp usually around 45 TCA; porphyry has <0.4 cm green to wt subrounded qtz/felds phenos + 1-3% qtz + qtz-carb vning @25-35; sharp lower contact at chl'd pk to wt dol-ank vn @40 TCA

Hole_ID	From	To	Lith 1	Lith 2	Lithology Name	Colour1	Colour2	Grain Size 1	Grain Size 2	Text 1	Text 2	Description
ML11-13	678.04	682.50	BP		Bimodal Feldspar Porphyry	dk grey	brown	fine	med			non magnetic; elongated subangular bone wt 0.1-0.5 cm qtz phenos + square angular <1 cm pk to wt felds phenos within a dk grey to brown matrix; vning decreased greatly w rare <1 cm pk carb vns + wt to grey qtz vns; BFP has rare dk green enclaves ranging up to 7 cm in size; lower contact extremely gradational to alternating QFP/Diorite @40 TCA
ML11-13	682.50	694.50	QFP		Quartz Feldspar Porphyry	dk brown red	dk green					non magnetic; continuous transitions throughout porphyry unit of porphyry w dk green diorite/sediment from above (poss due to fact on contact btw two units); contacts btw two lithologies extremely sharp, usually around 45 TCA and these contacts are characterized by sulphide min incl 1-8% fg py diss py adj to contacts; sharp lower contact @40 TCA
ML11-13	694.50	717.80	13c		Diorite	dk green		aph	fine			magnetic; dk green aph matrix w 1-3% wt qtz vning + pk/wt dol-ank vning both @0-70; vns host 1-2% mg chalco w fg py diss adj to vns; mn epd alt as <0.2 cm epy vns + chl alt throughout; faint bedding? @25-35 look like ligher green bands within the dk green matrix; btw 703.35-703.6m sil'd w 1*10 cm grey qtz vn @65 + 3% adj fg py; sharp lower contact @30 TCA
ML11-13	717.80	763.15	QFP		Quartz Feldspar Porphyry	brown earthy green	dk green/grey	fine				magnetic; possible diorite porphyry as matrix similar to diorite, magnetic, w similar alt/vning; phenocrysts <0.4 cm and light to dk green to blue green, completely chl'd in some zones; hly chl'd around vns + alt'd red in matrix/around vns (poss chert sil alt?); 1-3% vning as wt qtz vns/wt to red dol-ank vns @25-80 both hly alt'd by chl + red sil + wt gypsum? along some vns; 1-3% sulphide min as both py and chalco diss + ass w vns + in py filled fracs; 1-3% epd alt as <0.2 cm epy vns + epd blobs; sharp lower alternating contact (from QFP to Diorite to QFP to diorite again) @35 TCA
ML11-13	763.15	825.70	13c		Diorite	dk green		aph	fine			magnetic; 1-3% vning as primarily wt to red carb vning + minimal wt qtz vning; 1-5% epd alt as <0.5 cm epy vns and occasional blobs; btw 782.85-783.15 small sil'd min'd zone w 5% fg diss py + py along fracs + green chl vning @20; btw 825.7-826.6 there is a carb-chl-ser shear system @50 w wt carb vning + chl filled fracs + 2% fg diss py; this system represents the contact btw diorite/QFP however there is still minor chatter w a diorite unit btw 832.95-833.25m following another shear zone btw 832.4-832.95m w 1*20 cm chl'd carb vn @35; lower contact shear zone @50 TCA

Hole_ID	From	To	Lith 1	Lith 2	Lithology Name	Colour1	Colour2	Grain Size 1	Grain Size 2	Text 1	Text 2	Description
ML11-13	825.70	1004.35	QFP		Quartz Feldspar Porphyry	dk grey	dk green/black	fine				magnetic to non magnetic when alt'd; dark grey to green-black groundmass hosts <0.4 cm wt to lg gn subrounded phenos; btw 836.3-838m porphyry has a bimodal texture w <0.8 cm pk square phenos along w the regular <0.4 cm wt to pk subrounded phenos; minor vning throughout porphyry w 1-4% carb vning and only tr qtz vning usually @<50; btw 842.5-844.1 porphyry has carb alt w zones w >50% carb vning w adj 3% fg diss sulphide + sulphides conc along chl'd fracs; near the carb alt zone btw 844.47-877.56m there is 1*10 cm wt carb vn @30 w 1% adj fg diss sulphides; btw 881.6-881.7 and 909.03-909.13 m have a dark green diorite intrusion within the QFP w a contact @70 TCA; btw 885.5-888.2 m have ground core; with depth porphyry continues to freshen up w less alt and clear wt to gn phenos within a dk gn-blk matrix w 1-3% vning as primarily wt to pk carb vns and occasional grey qtz vns; at 937.3 m fresh porphyry becomes alt'd - ser + chl along fracs, large <8 cm subangular chl clasts in matrix w adj chl'd fracs obscuring porphyritic texture, pk carb alt in groundmass + 2-3% quartz-carb vning throughout and 1-3% diss spec hem + cse chalco + fg py; at 949.5 m alt zone changes to large shear zone @45 w lime green matrix, hly ser'd + chl'd esp along fracs, <1 cm lime green fuschitic phenocrysts, 3-5% qtz/qtz-carb vning w 2-3% fg diss py in groundmass + conc along fracs; at 951.6m shear zone ends but alt continues until 980.2 m; alt zone is characterized by chl'd phenocrysts in zones, ser + chl + hem + moly alt along fracs/in groundmass, occasional fuschitic clasts/other inclusions incl 1*5 cm lime green qtz-ser-chl clast, sheared groundmass @40-50; btw 966.15-966.45m 1*25 cm zone has >60% grey qtz vning @45-55 w 5% sulphide as ser'd/chl'd py filled fracs + chalco blobs hosted within lime green slightly sheared zone; btw 973.7-978.9m chl-ser-fuschite shear @45 w 2-4% wt carb (-/+ qtz) vning in zones + chl slips @50; btw 979.7-980.1m have 1*1.5 cm grey qtz vn @0 w blk qtz + cse chalco blebs/spec hem; at 980.2 m porphyry becomes fresh dk grey to red green w subrounded <0.4 cm wt to light green phenos; in fresh porphyry have 1-2% qtz vning w 2-3% chalco blebs + ass diss py + py filled fracs; in fresh porphyry btw 987.45-947.75m have 1*30 cm zone w 70% wt to lg grey qtz vning w 15% chalco as blebs + along chl'd fracs; btw 999.5-1000.8m have 1m long qtz to grey bullish qtz vn w heavy chl alt + 1-2% py/chalco blebs; EOH 1004.35m;

Hole_ID	From	To	Lith 1	Lith 2	Lithology Name	Colour1	Colour2	Grain Size 1	Grain Size 2	Text	Text	Description
BG11-34	0.00	8.60	100		Casing							
BG11-34	8.60	40.80	QFP		Quartz Feldspar Porphyry	pa gy-wt		medium				same unit as @ Boundary Zone but without typical 1-3% cse d py; non mag; 30% anhedral 1/8"glassy-gnish qtz phenos; non cbd; homogeneous except for min'd zones where wy hem'd+ w chl fract's w py; rare q-ank vn's to 1/2" gen @30; sil'd pervasively; competent-RQD=90; min'd@31.2-31.7, 33.1-33.5, 35.5-35.7, 39.8-40.0
BG11-34A	0.00	8.90	100		Casing							
BG11-34A	8.90	56.50	QFP		Quartz Feldspar Porphyry	pa gy-wt		medium				same unit as @ Boundary Zone but without typical 1-3% cse d py; non mag; 30% anhedral 1/8"glassy-gnish qtz phenos; non cbd; homogeneous except for min'd zones where wy hem'd+ w chl fract's w py; rare q-ank vn's to 1/2" gen @45+75; sil'd pervasively; competent-RQD=80; min'd@8.8-9.7, 21.3-21.4, 30.7-32.2, 42.4-43.8, 45.8-46.4, 48.2-48.6;"2'SEAM" LC @10.0-10.7; fresher @16.0-22.5; hily bl'd locy; shrp nat trailing ct@25
BG11-34A	56.50	153.15	13c		Diorite	dk gy	gy-gn	med				25%-60% pk-pa gy feld in chl; hily mag except in min'd leuco zones; 1% epi locy conc as clots;competent-RQD=60 except=10@56.5-62.0; 3-5% leucoxene locy conc at min'd zones; hily cbd; spec hem locy; <1% q-ank vn's locy conc gen @20; 1% cse d py locy conc; min'd @56.5-60.3, 73.9-74.0, 78.5-78.7, 80.0-80.4, 81.0-81.6, 84.9-85.5, 93.5-94.2 (Q-ANK), 96.7, 104.8-105.7, 108.1-108.2, 117.5-117.8, 119.8-120.7 (strong); shrp nat trailing ct @75
BG11-34A	153.15	198.00	QFP		Quartz Feldspar Porphyry	br-red	gy-gn	medium				non mag; mostly fresh; 30% anhedral 1/8"glassy-gnish qtz phenos+30% feld phenos; non cbd; 1% q-ank @30-60;not competent-RQD=10 except = 50@153.15-164.0, =70@ 176.0-179.2; fresher @164.0-166.0, 167.0-198 where gn-gy; hem'd wy @ 176.0-179.6; 1% pkish q-ank-carb gen @60-75 to 164.0;
BG11-35	0.00	7.80	100		Casing							
BG11-35	7.80	64.05	13c		Diorite	dk gy	gy-gn	med				25%-60% pk-pa gy feld in chl; hily mag to 22.0-then non mag to 59.2 where poss chill zone w shrp ct@35 brings in hily mag+ alt'n-hily mag except for min'd leuco zones; chl'c; rare epi; competent-RQD=80; wy cbd; shrp nat trailing ct @55; min'd@14.7, 24.1-24.3, 29.1, 30.7-30.9, 60.4-61.0, 62.8-63.6, 66.0-66.8, 68.7-69.2, 72.8-76.8 (strong); **STOPE @64.05-66.0 "6.5'";**
BG11-35	64.05	66.00	150		Stope							
BG11-35	66.00	69.15	13c		Diorite	dk gy	gy-gn	med				
BG11-35	69.15	72.90	QFP		Quartz Feldspar Porphyry	br	buff	medium				non mag; 30% anhedral 1/8"glassy-gnish qtz phenos+30% feld phenos; hily cbd; competent-RQD=90; rare 1/2" dk gy xeno's; shrp nat trailing ct@65; alt'd wy w ser+3% cse d py
BG11-35	72.90	84.00	13c		Diorite	dk gy	gy-gn	med				25%-60% pk-pa gy feld in chl; hily mag except for min'd leuco zones; chl'c; competent-RQD=80; wy cbd; shrp nat trailing ct @; min'd@72.8-76.8 (strong), 78.8-79.8; **STOPE @84.0-86.3 ("7'stope")**
BG11-35	84.00	86.30	150		Stope							
BG10-54	0.00	4.20	100		Casing							
BG10-54	4.20	19.30	13c		Diorite	dk gy	gy-gn	med				25%-60% pk-pa gy feld in chl; locy wy mag except in min'd leuco zones; rare epi locy conc as clots;competent-RQD=80; 3-5% leucoxene locy conc at min'd zones; hily cbd; spec hem locy; 1-2% q-ank vn's locy conc gen @45; 1% cse d py locy conc; wy min'd locy; slip ct
BG10-54	19.30	21.25	QFP		Quartz Feldspar Porphyry	pa gy	buff	med				non-magnetic, non cbd; rare 1/4" emerald gn xeno's; 30% qtz+10% feld pheno's barely visible; ser'd; 3% cse d py locy conc; indistinct shrp nat trailing ct@58; competent-RQD=90;
BG10-54	21.25	81.00	13c		Diorite	dk gy	gy-gn	med				25%-60% pk-pa gy feld in chl; v hily mag except in min'd leuco zones; 3% epi locy conc as clots;competent-RQD=80; 3-5% leucoxene locy conc at min'd zones; hily cbd; spec hem locy; 3-5% q-ank vn's locy conc gen @45-70; 1% cse d py locy conc; #11 Vein@48.9; min'd@ 22.8-22.9, 32.2-32.3, 48.9-48.95, 56.0-56.05, 57.2-57.3, 67.7, 70.8,
BG10-55	0.00	4.80	100		Casing							
BG10-55	4.80	66.50	13c		Diorite	dk gy	gy-gn	med				25%-60% pk-pa gy feld in chl; v hily mag until 58.0-then shrp ct w non mag-posy altn ct; posy tuff@55.3-58.0; locy bl'd; rare epi locy conc as clots;competent-RQD=80; 3-5% leucoxene locy conc at min'd zones; hily cbd; spec hem locy; 1-2% q-ank vn's locy conc gen @30; 1% cse d py locy conc; wy min'd locy @ 8.2-8.25, 41.9-42.3 (#11 vn), 52.8-53.0, 60.1-60.2; indistinct trailing ct
BG10-55	66.50	81.00	13cbx		Diorite Bx	gy	gn-gy	cse	med			10% bx frag's up to 0.1m in dio; resorbed ct's rounded; non magnetic; not competent-RQD=30; hily cbd; fg matrix feld+ 20% mafics -chl after horn?; shrp nat trailing ct@37; 2% spec; locy hily bl'd
BG10-57	0.00	4.50	100		Casing							

Hole_ID	From	To	Lith 1	Lith 2	Lithology Name	Colour1	Colour2	Grain Size 1	Grain Size 2	Text	Text	Description
BG10-57	4.50	55.50	13c		Diorite	dk gy	gy-gn	med				25%-60% pk-pa gy feld in chl; v hily mag; locy bl'd; rare epi locy conc as clots;competent-RQD=80; 3-5% leucoxene locy conc at min'd zones; hily cbd; spec hem locy; 1-2% q-ank vn's locy conc gen @30; 1% cse d py locy conc; min'd locy @14.75-15.0, 28.0-28.3, 31.6-31.8, 32.7-32.9, 36.2-37.3 (#11 vn), 37.7-37.8; shrp nat trailing ct@62
BG10-57	55.50	58.00	QFP		Quartz Feldspar Porphyry	pa gy		med				non-magnetic, non cbd; rare 1/4" emerald gn xeno's; 30% qtz+10% feld pheno's barely visible; ser'd; 3% cse d py locy conc; indistinct shrp nat trailing ct@79; competent-RQD=90;
BG10-57	58.00	81.00	13c		Diorite	dk gy	gy-gn	med				25%-60% pk-pa gy feld in chl; v hily mag except in leuco areas; locy bl'd; rare epi locy conc as clots;competent-RQD=80; 3-5% leucoxene locy conc at min'd zones; hily cbd; spec hem locy; 1-2% q-ank vn's locy conc gen @30; 1% cse d py locy conc; min'd locy @62.9, 64.6-64.8, ;
BG11-74	0.00	4.00	100		Casing							
BG11-74	4.00	78.95	13cbx		Diorite Bx	gn	gn-buff	cse	med			mostly barren-fresh; 10% bx frag's up to 0.1m in dio (could be tuff); min'd @22.35, 48.4-48.7, 52.2, 54.0, 56.3, 58.8-59., 70.4-70.5; no epi, then 3% clots/vn's epi after 19.0, dec'g after 58.0 to 1%; resorbed ct's rounded; non mag, except hily mag @4.0-7.5 (where 20% leuco), 60.0-60.7, 68.0-78.95; competent-RQD=80; non cbd; <1% q-ank @70;shrp nat trailing ct@45
BG11-74	78.95	79.65	QFP		Quartz Feldspar Porphyry	br	buff	medium				non mag; 30% anhedral 1/8"glassy-gnish qtz phenos+30% feld phenos; non cbd; 1% q-ank @60; competent-RQD=90; shrp nat trailing ct @45
BG11-74	79.65	88.50	13cbx		Diorite Bx	gn	gn-buff	cse	med			10% bx frag's up to 0.1m in dio (could be tuff); min'd @81.4+81.7; 3% clots/vn's epi; resorbed ct's rounded; hily mag to 86.5; competent-RQD=70; non cbd; <1% q-ank @55;shrp nat trailing ct@45
BG11-74	88.50	91.40	QFP		Quartz Feldspar Porphyry	br	buff	medium				non mag; 30% anhedral 1/8"glassy-gnish qtz phenos+30% feld phenos; non cbd; 1% q-ank @60; competent-RQD=90; flt trailing ct
BG11-74	91.40	117.85	13cbx		Diorite Bx	gn	gn-buff	cse	med			10% bx frag's up to 0.1m in dio (could be tuff); min'd @116.8-116.9;rare clots/vn's epi; resorbed ct's rounded; non mag to 92-95 where wy mag+ wy mag @103.0-106.5+@110.0-113.0; competent-RQD=70 except=20@96.0-202.0; non cbd; <1% q-ank @55;shrp nat trailing ct@80
BG11-74	117.85	118.40	QFP		Quartz Feldspar Porphyry	br	buff	medium				non mag; 30% anhedral 1/8"glassy-gnish qtz phenos+30% feld phenos; non cbd; 1% pkish q-ank @30; competent-RQD=90;shrp nat trailing ct @40
BG11-74	118.40	192.00	13cbx		Diorite Bx	gn	gn-buff	cse	med			fairly fresh after main zone; 10% bx frag's up to 0.1m in dio (could be tuff); min'd @121.7-121.9, 122.5-122.7,123.7-123.8, 124.5-126.8 (strong), 129.6, 139.4, 145.7-145.9, 151.5-151.7, 155.85, 158.4, 169.6-169.8, 170.6, 182.1-182.4, 182.85, 185.7-186.0, ;rare clots/vn's epi to 146.0-then 3%; resorbed ct's rounded; non mag except 127.0-131.0, 135.0-137.0 where wy mag; competent-RQD=80; non cbd; <1% q-ank @55;indistinct trailing ct
BG11-74	192.00	239.30	13c		Diorite	dk gy	gy-gn	med				25%-60% pk-pa gy feld in chl; hily mag except in min'd leuco zones+ @192.0-197.0+231.0-239.3; 2% epi vn's+clots; generally fresh-not much alt'n/bl'g etc.; competent-RQD=90; 2% leucoxene locy conc at min'd zones; hily cbd; feldspar 1/2" pheno's @192.7-196.2+ @227.5-229.7 like Mat. diabase; shrp nat trailing ct @45; min'd @194.3-194.4, 196.6-196.7, 211.8-212.0, 224.7, 236.8, 237.7-239.2
BG11-74	239.30	240.40	QFP		Quartz Feldspar Porphyry	br	buff	medium				non mag; 30% anhedral 1/8"glassy-gnish qtz phenos+30% feld phenos; non cbd; competent-RQD=90;shrp nat trailing ct @40
BG11-74	240.40	241.90	13c		Diorite	dk gy	gy-gn	med				25%-60% pk-pa gy feld in chl; non mag; chl'c; competent-RQD=90; hily cbd; shrp nat trailing ct @45; 5% cse d py@45
BG11-74	241.90	247.25	BP		Bimodal Porphyry	pur-br	gy	Cse				fresh; competent-RQD=80; 10% 1/4"euhedral feld phenos+30%feld +10%qtz 1/8" phenos; dk gy xeno's to 1"; locy hily bl'd; min'd@244.5-245.2; locy 1/4" pheno's absent; non cbd; flt trailing ct;
BG11-74	247.25	250.00	13c		Diorite	dk gy	gy-gn	med				25%-60% pk-pa gy feld in chl; non mag; chl'c; competent-RQD=80; hily cbd; shrp nat trailing ct @40; shr'd mody w ser-chl common+15% q-ank+15% leuco; 3% cse d py
BG11-74	250.00	251.15	QFP		Quartz Feldspar Porphyry	br	buff	medium				non mag; 30% anhedral 1/8"glassy-gnish qtz phenos+30% feld phenos; non cbd; competent-RQD=90;fresh; shrp nat trailing ct @45
BG11-74	251.15	253.35	13c		Diorite	dk gy	gy-gn	med				25%-60% pk-pa gy feld in chl; non mag; chl'c; competent-RQD=90; hily cbd; shrp nat trailing ct @45; 15% leuco for 50% sample;2% cse d py; min'd@253.0-253.1
BG11-74	253.35	260.60	BP		Bimodal Porphyry	pur-br	gy	Cse				fresh; competent-RQD=80; 10% 1/4"euhedral feld phenos+30%feld +10%qtz 1/8" phenos; min'd@253.0-253.1; non cbd; homogeneous; flt trailing ct; hily chlc chill zone @260.2-260.6
BG11-74	260.60	262.00	13c		Diorite	dk gy	gy-gn	med				25%-60% pk-pa gy feld in chl; non mag; chl'c; competent-RQD=50; hily cbd; Main Brk trailing ct; stry shr'd w ser-chl common+10% q-ank frags+5% leuco; 2% cse d py locy conc; min'd @261.6-262.1

Hole_ID	From	To	Lith 1	Lith 2	Lithology Name	Colour1	Colour2	Grain Size 1	Grain Size 2	Text	Text	Description
BG11-74	262.00	270.95	13e		Syenite	red-br	red	fine	medium			syenite; homogeneous;hily shr'd; ser'd; non mag; hily cbd; rare olive gn xeno's to 1"; competent-RQD=50; shrp nat trailing ct @57
BG11-74	270.95	293.70	13c		Diorite	med gy	pa gy	med				posy wacke but homogeneous, no jaspers- but locy conc olive gn frag's(posy rip-ups?); 25%-60% pk-pa gy feld in chl; non mag; competent-RQD=90; non cbd;shrp nat trailing ct@35; reamed after 282.7-mud +BC for 0.5m- GC but BC after to 290.5; 2% cse d py locy conc; min'd @278.9, 288.2
BG11-74	293.70	294.00	QFP		Quartz Feldspar Porphyry	br	buff	medium				non mag; 30% anhedral 1/8"glassy-gnish qtz phenos+30% feld phenos; non cbd; competent-RQD=90;fresh; shrp nat trailing ct @50
BG11-74	294.00	308.70	8b		Wacke	pa gy	med gy	fine	aph			homogeneous, no jaspers- but locy conc olive gn frag's(posy rip-ups?); 2 main fine-aph groundmass-wt+dk gy; non mag; competent-RQD=90; non cbd;shrp nat trailing ct@70; 2% cse d py locy conc;
BG11-74	308.70	309.50	QFP		Quartz Feldspar Porphyry	br	buff	medium				non mag; 30% anhedral 1/8"glassy-gnish qtz phenos+30% feld phenos; non cbd; competent-RQD=90;fresh; shrp nat trailing ct @45
BG11-74	309.50	310.40	8b		Wacke	pa gy	med gy	fine	aph			homogeneous, no jaspers- but locy conc olive gn frag's(posy rip-ups?); 2 main fine-aph groundmass-wt+dk gy; non mag; competent-RQD=90; non cbd;shrp nat trailing ct@60; min'd@310.2-310.4
BG11-74	310.40	311.30	QFP		Quartz Feldspar Porphyry	br	buff	medium				non mag; 30% anhedral 1/8"glassy-gnish qtz phenos+30% feld phenos; non cbd; competent-RQD=90;fresh; shrp nat trailing ct @30
BG11-74	311.30	322.75	8b		Wacke	pa gy	med gy	fine	aph			homogeneous, no jaspers- but locy conc olive gn frag's(posy rip-ups?); 2 main fine-aph groundmass-wt+dk gy; non mag; competent-RQD=90; non cbd; v str flt (BREAK) trailing ct; 2% cse d py locy conc;min'd@311.3-312.0
BG11-74	322.75	336.00	8a		Conglomerate			coarse	medium			posy bx'd sy w rare usual xeno's but variable clasts (although some clasts have q-ank gash vn's looking like bx'd in situ); 40% well rounded clasts locy conc between wacke areas w only 3-5% clasts; clasts to 2" polymictic (different colours but all fine-aph); poorly sorted; all hily-mody hem'd; non cbd; non mag; mtrix is 1/16"; no jaspers; fld mody@45; 3-4% cse d py locy conc on chl fract's; pervasive weak chl alteration; 2-4% cse d py locy conc; 5% q-ank gen 1/8"@70; competent-RQD=80 except=10@335.0-336.0; min'd @334.7-334.9; indistinct ct
BG11-74	336.00	342.00	13e		Syenite	red-br	red	fine	medium			syenite; non mag; non cbd; not competent-RQD=0; locy phenos; rare xeno's dk gy 1/2"; min'd @339.5-339.8; all BC
BG10-75	0.00	4.20	100		Casing							
BG10-75	4.20	20.10	13c		Diorite	dk gy	gy-gn	med				25%-60% pk-pa gy feld in chl; non mag until 12.85 where pa pur-gy changes to gn leuco-rich@43-shrp ct like inrs but prob diff phase- then v hily mag; rare epi locy conc as clots;competent-RQD=80; 3-5% leucoxene locy conc at min'd zones; hily cbd; spec hem locy; 1-2% q-ank vn's locy conc gen @30; 1% cse d py locy conc; wy min'd locy; shrp nat trailing ct@32
BG10-75	20.10	22.40	QFP		Quartz Feldspar Porphyry	pa gy	buff	med				non-magnetic, non cbd; rare 1/4" emerald gn xeno's; 30% qtz+10% feld pheno's barely visible; ser'd; 3% cse d py locy conc; indistinct shrp nat trailing ct@79; competent-RQD=90;
BG10-75	22.40	64.30	13c		Diorite	dk gy	gy-gn	med				25%-60% pk-pa gy feld in chl; v hily mag except in min'd leuco zones; 3% epi locy conc as clots;competent-RQD=80; 3-5% leucoxene locy conc at min'd zones; hily cbd; spec hem locy; 3-5% q-ank vn's locy conc gen @45-70; 1% cse d py locy conc; #11 Vein@; min'd@29.05-29.3, 36.5-36.7, 75.45, 85.8-85.95; opening @64.3-65.5 (stope)
BG10-75	64.30	65.50	150		Stope							
BG10-75	65.50	90.00	13c		Diorite	dk gy	gy-gn	med				EOH
BG11-81	0.00	7.10	100		Casing							
BG11-81	7.10	9.40	13cbx		Diorite Bx	gn	gn-buff	cse	med			fairly fresh; locy 20% bx frag's up to 0.2m in dio (could be tuff); 4% epi clots+vn's; resorbed ct's rounded; non mag; competent-RQD=90; non cbd; <1% q-ank @80;shrp nat trailing ct@25
BG11-81	9.40	13.50	QFP		Quartz Feldspar Porphyry	br	buff	medium				non mag; 30% anhedral 1/8"glassy-gnish qtz phenos+30% feld phenos; hily cbd; competent-RQD=90; rare 1/2" dk gy xeno's; shrp nat trailing ct@40;
BG11-81	13.50	14.80	13cbx		Diorite Bx	gn	gn-buff	cse	med			fairly fresh; locy 20% bx frag's up to 0.2m in dio (could be tuff); min'd @14.8; 4% epi clots+vn's; resorbed ct's rounded; hily mag; competent-RQD=90; non cbd; <1% q-ank @80;shrp nat trailing ct@38
BG11-81	14.80	22.90	QFP		Quartz Feldspar Porphyry	br	buff	medium				non mag; 30% anhedral 1/8"glassy-gnish qtz phenos+30% feld phenos; hily cbd; competent-RQD=90; rare 1/2" dk gy xeno's; shrp nat trailing ct@50;
BG11-81	22.90	64.85	13cbx		Diorite Bx	gn	gn-buff	cse	med			fairly fresh; locy 20% bx frag's up to 0.1m in dio (could be tuff); min'd @30.75, 38.6-38.8, 41.8-41.9, 45.5-45.7, 49.5, 51.35, 57.9, 59.2; 3% epi clots+vn's to 42.0 then nil; resorbed ct's rounded; non mag until 30.0-then hily mag to 39.0, then non mag; chill zone? med-dk gy @42.0-53.0; competent-RQD=90; non cbd; <1% q-ank @60;shrp nat trailing ct@75

Hole_ID	From	To	Lith 1	Lith 2	Lithology Name	Colour1	Colour2	Grain Size 1	Grain Size 2	Text	Text	Description
BG11-81	64.85	73.30	BP		Bimodal Porphyry	red-br	br	Cse				fresh; competent-RQD=70; 10% 1/4"euhedral feld phenos+30%feld +10%qtz 1/8" phenos; rare q-ank @30; non cbd; homogeneous; non mag; shrp nat trailing ct@30;
BG11-81	73.30	81.00	13cbx		Diorite Bx	gn	gn-buff	cse	med			fairly fresh; locy 20% bx frag's up to 0.1m in dio (could be tuff); min'd @75.3, 78.6-79.0 (strong), 79.5-79.6, 80.0-80.1; 3% epi clots+vn's to 42.0 then nil; resorbed ct's rounded; non mag until 30.0-then hily mag to 39.0, then non mag; chill zone? med-dk gy @42.0-53.0; competent-RQD=90; non cbd; <1% q-ank @60;shrp nat trailing ct@75; drillers didn't call for shut-down (would have extended)
BG11-82	0.00	7.10	100		Casing							
BG11-82	7.10	33.45	13cbx		Diorite Bx	gn	gn-buff	cse	med			fairly fresh; locy 20% bx frag's up to 0.2m in dio (could be tuff); min'd @21.0-21.3, 24.8-24.9, 33.45; 4% epi clots+vn's; resorbed ct's rounded; non mag to 21.3 where hily mag; competent-RQD=90; non cbd; <1% q-ank @80;shrp nat trailing ct@45
BG11-82	33.45	35.00	QFP		Quartz Feldspar Porphyry	br	buff	medium				non mag; 30% anhedral 1/8"glassy-gnish qtz phenos+30% feld phenos; hily cbd; competent-RQD=90; rare 1/2" dk gy xeno's; shrp nat trailing ct@45;
BG11-82	35.00	38.10	13cbx		Diorite Bx	gn	gn-buff	cse	med			fairly fresh; locy 20% bx frag's up to 0.2m in dio (could be tuff); min'd @35.0, 38.1-38.2; 4% epi clots+vn's; resorbed ct's rounded; hily mag; competent-RQD=90; non cbd; <1% q-ank @80;shrp nat trailing ct@75
BG11-82	38.10	44.30	QFP		Quartz Feldspar Porphyry	br	buff	medium				non mag; 30% anhedral 1/8"glassy-gnish qtz phenos+30% feld phenos; hily cbd; competent-RQD=90; rare 1/2" dk gy xeno's; shrp nat trailing ct@70;
BG11-82	44.30	81.65	13cbx		Diorite Bx	gn	gn-buff	cse	med			fairly fresh; locy 20% bx frag's up to 0.1m in dio (could be tuff); min'd @44.3-44.7, 81.6; no epi clots+vn's; resorbed ct's rounded; non mag; competent-RQD=90; non cbd; <1% q-ank @60;shrp nat trailing ct@50
BG11-82	81.65	84.00	QFP		Quartz Feldspar Porphyry	br	buff	medium				non mag; 30% anhedral 1/8"glassy-gnish qtz phenos+30% feld phenos; hily cbd; competent-RQD=90; rare 1/2" dk gy xeno's; shrp nat trailing ct@50; hily bl'd-then wy hem'd; 0.15m dio inlier@45
BG11-82	84.00	87.80	13cbx		Diorite Bx	gn	gn-buff	cse	med			hily alt'd; locy 20% bx frag's up to 0.2m in dio (could be tuff); no epi clots+vn's; resorbed ct's rounded; hily mag; competent-RQD=90; non cbd; <1% q-ank @80;shrp nat trailing ct@35; @86.2-86.4 0.2m ser-chl-ank-q shr could be x-flt-not min'd
BG11-82	87.80	92.75	QFP		Quartz Feldspar Porphyry	br	buff	medium				non mag; hily alt'd; all hily min'd; all hily hem'd/bl'd; where visible- 30% anhedral 1/8"glassy-gnish qtz phenos+30% feld phenos; hily cbd; competent-RQD=90; shrp nat trailing ct@50;
BG11-82	92.75	120.00	13cbx		Diorite Bx	gn	gn-buff	cse	med			fairly fresh; locy 20% bx frag's up to 0.1m in dio (could be tuff); min'd @100.7-101.4, 107.6-107.7; no epi clots+vn's; resorbed ct's rounded; non mag; competent-RQD=90; non cbd; 3% q-ank @60;
BG11-83	0.00	4.30	100		Casing							
BG11-83	4.30	127.90	13cbx		Diorite Bx	gn	gn-buff	cse	med			mostly barren-fresh; 10% bx frag's up to 0.1m in dio (could be tuff); min'd @18.9-19.0, 45.05, 49.5, 54.9-55.0, 63.25-63.35, 69.8-70.3, 71.15, 96.8-97.2, 101.7-102.3, 102.9-103.3, 119.1-119.6; no epi then 3% clots/vn's epi after 21.0, dec'g after 69.0 to 1% and then to trace @ 90.0-104.0 where big bx frag's are; resorbed ct's rounded; non mag, except hily mag @4.3-9.5 (where 10% leuco to 15.0m), then non mag to 43.5-69.0 where hily+ mody mag w non mag 1.0m intervals, hily mag @87.0-87.3; competent-RQD=80; hily cbd; <1% q-ank @45;shrp nat trailing ct@50
BG11-83	127.90	130.30	QFP		Quartz Feldspar Porphyry	br	buff	medium				non mag; 30% anhedral 1/8"glassy-gnish qtz phenos+30% feld phenos; wy cbd; 1% q-ank @40; dio inlier @128.7-128.85; competent-RQD=90;min'd@; shrp nat trailing ct @45
BG11-83	130.30	219.00	13cbx		Diorite Bx	gn	gn-buff	cse	med			mostly barren-fresh; 10% bx frag's up to 0.1m in dio (could be tuff); min'd @144.1-144.2, 145.5, 151.1-151.2, 172.3, 176.5, 179.0, 186.9-187.2, 195.8, 210.25, 213.8 ; no epi until 180.0-192.0 (1%), then 3% to EOH; resorbed ct's rounded; non mag, except hily mag @134.0-136.0+ mody mag @ 159.0-166.5 + v hily mag @199.8-203.5 where magn veins to 3/4" @45; competent-RQD=80; hily cbd; <1% q-ank @45;
BG11-84	0.00	4.40	100		Casing							
BG11-84	4.40	93.10	13cbx		Diorite Bx	gn	gn-buff	cse	med			block problem-"78" block @81 and 78 missing-fixed; mostly barren-fresh; 10% bx frag's up to 0.1m in dio (could be tuff); min'd @4.5, 13.2-13.3,18.2, 23.4-23.6, 31.2-31.3, 65.9-66.0, 66.3-66.4, 71.8, 80.6, 92.0-93.1; no epi, then 3% clots/vn's epi after 18.5, dec'g after 76.5 to 1%; resorbed ct's rounded; non mag, except hily mag @4.4-15.0 (where 10% leuco), wy mag @42.0-45.0, hily mag @49.0-77.0+91.0-, v hily mag@85.0-87.0 ; competent-RQD=80; non cbd; <1% q-ank @70;shrp nat trailing ct@30
BG11-84	93.10	95.90	QFP		Quartz Feldspar Porphyry	br	buff	medium				non mag; 30% anhedral 1/8"glassy-gnish qtz phenos+30% feld phenos; non cbd; 1% q-ank @70; competent-RQD=90;min'd@94.2-94.5; shrp nat trailing ct @65
BG11-84	95.90	97.00	13cbx		Diorite Bx	gn	gn-buff	cse	med			10% bx frag's up to 0.1m in dio (could be tuff); all min'd ; no epi ; resorbed ct's rounded; non mag; competent-RQD=80; non cbd; <1% q-ank @70;shrp nat trailing ct@30
BG11-84	97.00	97.70	QFP		Quartz Feldspar Porphyry	br	buff	medium				non mag; 30% anhedral 1/8"glassy-gnish qtz phenos+30% feld phenos; non cbd; 1% q-ank @60; competent-RQD=90; shrp nat trailing ct @45

Hole_ID	From	To	Lith 1	Lith 2	Lithology Name	Colour1	Colour2	Grain Size 1	Grain Size 2	Text	Text	Description
BG11-84	97.70	122.00	13cbx		Diorite Bx	gn	gn-buff	cse	med			20% bx frag's up to 0.2m in dio (could be tuff)- most are por like NW of M.H.; min'd @114.15-116.9; no epi; resorbed ct's rounded; hily mag locy; competent-RQD=90; non cbd; <1% q-ank @60;shrp nat trailing ct@30
BG11-84	122.00	136.00	13c		Diorite	dk gn	med gn	aph	fine			aph; non mag; chl'c locy; competent-RQD=90; non cbd; pa gn banding @45 up to 1"; looks like basalt but grades into dio bx
BG11-84	136.00	146.95	13cbx		Diorite Bx	gn	gn-buff	cse	med			fairly fresh; 20% bx frag's up to 0.2m in dio (could be tuff); min'd @135.8, 138.0-137.5, 146.8; no epi; resorbed ct's rounded; non mag; competent-RQD=90; non cbd; <1% q-ank @45;shrp nat trailing ct@75
BG11-84	146.95	153.70	13e		Syenite	red-br	red	fine	medium			syenite; homogeneous; wy hem'd locy; non mag; not cbd; rare med-dk gy xeno's to 1"; competent-RQD=90; shrp nat trailing ct @50; min'd@152.1-152.4
BG11-84	153.70	155.70	QFP		Quartz Feldspar Porphyry	br	buff	medium				non mag; 30% anhedral 1/8"glassy-gnish qtz phenos+30% feld phenos; non cbd; 5% q-ank @60; competent-RQD=90; shrp nat trailing ct @70; all min'd- main zone @153.9-155.0
BG11-84	155.70	210.80	13e		Syenite	red-br	red	fine	medium			syenite; homogeneous; wy hem'd locy; non mag; not cbd; rare med-dk gy xeno's to 1"; competent-RQD=90; shrp nat trailing ct @50; min'd@157.3-157.6, 162.5-162.9, 165.45-166.0, 169.3-170.0, 171.0-171.2, 175.8, 180.7-180.8 (strong), 184.4-185.1, 191.1
BG11-84	210.80	235.35	8b		Wacke	gy-gn	buff	fine	aph			non mag; hily cbd; competent-RQD=90; shrp slip trailing ct; <1% q-ank vn's@60; homogeneous; fresh; 3% f d py; no jaspers/bedding-may be intrusive
BG11-84	235.35	238.65	8a		Conglomerate	dark grey		coarse	medium			35% large pebbles poorly sorted; non-magnetic; pervasive weak chl alteration; foliation fabric at 40 to 50 deg TCA; <1% q-ank at variable angles TCA; slip trailing ct
BG11-84	238.65	264.10	13cbx		Diorite Bx	gn	gn-buff	cse	med			fairly fresh; locy 20% bx frag's up to 0.2m in dio (could be tuff)-50% @250.3-254.5 could be cong; basalt-like @238.65-246.7; por inlier or bx frag @259.0-259.4@45; 15% por frag's@258.0-264.1; min'd @246.8-247.0, 255.1; no epi; resorbed ct's rounded; non mag; competent-RQD=90; non cbd; <1% q-ank @45;shrp nat trailing ct@75 may be indistinct (bx frag?); LC+GC@261.6-262.1
BG11-84	264.10	291.00	QFP		Quartz Feldspar Porphyry	br	buff	medium				non mag; 30% anhedral 1/8"glassy-gnish qtz phenos+30% feld phenos; non cbd; competent-RQD=90; locy spec; rare 1/2" dk gy xeno's; fresher @282.0-291.0; min'd @264.2-264.5, 280.3
BG11-85	0.00	6.70			Overburden/Casing							
BG11-85	6.70	29.40	8b		Wacke	buff brown	light green to pink	fine	aph			non magnetic; hly sheared @40 + folded in zones w ser + chl alt + 1-2% py conc along fracs in sheared zones; 1-2% qtz-carb vning gen @10-40; some zones w carb alt; occ <0.5 cm fuschitic clasts; hly ox'd along broken faces w brown orange rust oxidation + indigo blue alt; units within wacke such as btw 17.5-18.6m appear light pk w subrounded qtz phenos, poss QFP intrusions within sheared wacke unit; sharp lower contact at chl'd flt w mud gouge @35
BG11-85	29.40	135.70	QFP		Quartz Feldspar Porphyry	light pink	light green/buff	fine	med			non magnetic; <0.6 cm subrounded glassy qtz phenos + wt felds phenos within light pink/green to buff tan matrix; 1-3% wt qtz/qtz-carb vning gen @55; ser/chl alt common, esp along <0.2 cm skeletal wispy fracs; occ ser/chl alt'd xenoliths + fuschitic clasts ranging up to 2 cm; steel grey moly? in vns ass w py min; highly sil'd; min'd zone structurally controlled and strong btw 55-57m with other smaller zones of py vning/py filled fracs surrounded main zone incl btw 58.55-58.60, 62-63.3, 64.8-66, 67.1-67.3; main min'd zone structurally controlled by 4 separate faults and fault slips with faults along core @0-10 + fault slips ranging up to 60 TCA; flts are chl'd often w ass chl gouge + adj carb vning + some mild brecciation; py in 0.3-10 cm wide vns @35-55 w vns ranging up to >90% cse py; the main vn btw 56.6-56.7m w >90% cse py is bounded by two 0.3 cm chl'd slip faults @35; vns are ass w zones w cse py conc along <1 cm sinuous fracs which host >50% py; porphyry colouration changes btw 128-130m to a steel grey poss due to moly alt; btw 133.85-134.6 m have ser-chl-fusc alt zone w a chl-ser shear @55 represetnting a transition from buff porphyry to more ser + chl'd porphyry
BG11-85	135.70	139.70	QFP		Quartz Feldspar Porphyry	green		fine	med			non magnetic; ser/chl'd porphyry w 15% slightly elongated <0.5 cm glassy to wt phenos + gn phenos within green matrix; 2-3% em gn to pk phenos incl subrounded fusch clasts ranging up to 3 cm; RQD=80-90; sil'd/chl'd contact btw gn alt'd porphyry and pk to buff porphyry @40 TCA w 3-5% cse diss py + py conc along fracs

Hole_ID	From	To	Lith 1	Lith 2	Lithology Name	Colour1	Colour2	Grain Size 1	Grain Size 2	Text	Text	Description
BG11-85	139.70	190.45	QFP		Quartz Feldspar Porphyry	buff to smokey grey	light green/pk	fine	med			non magnetic; pk to buff porphyry w subrounded <0.5 cm wt to glassy qtz-felds phenos; 2-5% em subrounded <0.2 cm blk dots, appear as phenos but late alt product within buff to smokey grey porphyry - are overprinting qtz phenos and qtz-carb vns so late product, poss tourmaline?; hly sil'd + fractured w chl alt along fracs; 1-8% fn to cse py diss + conc along fracs + conc along py vns; min'd zones btw 152.7-152.8 w 1*2 cm py vn @35 w >90% cse py + btw 159.55-159.65 w 1*10 cm py vn @50 w >90% cse py w an adj zone w sil + carb alt + py filled fracs throughout; *at 186 m switch back to 3 m core barrel (btw 159-186 issue with blocks due to switching from 6 m core barrel and misplaced blocks - core barrel is one foot longer then rod so btw 159-162 there is one extra foot which is not passed on through blocks. 6 inches is lost when removing straight hole shell to single shell. Block 174 was misplaced so 4.38 meters were put btw blocks 171-174 where 2.27 meters were put between blocks 184-186 - errors both counteracted one another - counted rods up to186m so know from box 45 onwards blocks in correct place - error fixed on August 9th by Alain and Felix from Cabo -Olivia)* ; transitional sil'd and hly ser'd contact @40 TCA
BG11-85	190.45	193.40	13cbx		Diorite Breccia	med green	pale green	fine	med			non magnetic; 10-20% breccia fragments + resorbed clasts in diorite ranging up to 3 cm in size, mostly subangular some with resorbed textures; 2-3% brassy cse diss py in blebs throughout + adj to contacts; ser/chl alt along contacts + 2% wt dol vning adj to contact gen @ 40; transitional alt'd contact @50 TCA
BG11-85	193.40	205.90	QFP		Quartz Feldspar Porphyry	pale tan	pale beige	aph	med			non-magnetic; weak to mod frac'ing; 1-10% late qtz-dol vn'ing; 1% diss py in clots in matrix and 1% py in tight- narrow frac's with qtz+chl; 204.4 to 205.4m strong narrow slip - flts with chl+white qtz at 45 to 55 deg TCA with 1% fg py; sharp contact at 205.9m with qtz-dol vn+chl at 55 deg TCA
BG11-85	205.90	217.20	13cbx		Diorite Breccia	med green	spotty green-khaki	fine	med			non-magnetic; widely spaced 1-3mm wide qtz vn's with brassy py; 211.5 to 213.3m 18cm wide section 40% qtz-dol vn'ing, 3-5% anhedral brassy py in discontinuous frac's; 214.5 to 217.2m mod ser alt'n, 5 to 20% qtz-dol vn'ing with weak frac's having brassy py <1% py overall; flt contact at 90 deg TCA
BG11-85	217.20	224.40	QFP		Quartz Feldspar Porphyry	light grey white	light tan	aph	med			non-magnetic; weak to mod frac'ing with dk green chl+grey qtz;217.2 to 217.75m strong micro frac's with white qtz, <1% fine py in matrix at 217.7m flt slip at 65 deg TCA; 224.4m chl slips at contact at 75 deg TCA
BG11-85	224.40	230.56	13cbx		Diorite Breccia	med green	spotty green-khaki	fine	med			non-magnetic; sections with 15-30% fine white carb? flecs; infrequent frac's with py at 20 to 65 deg TCA; mod chl+ sil alt'n;229.1 to 229.4m possible Lamp Dyke or FP dyke with sharp contacts at 65 to 80 deg TCA; irregular lower contact
BG11-85	230.56	234.00	QFP		Quartz Feldspar Porphyry	light tan	lime green	aph	med			non-magnetic; at 231, 221.16, 231.4m 0.25 to 1cm wide vn's with 50-80% py with qtz at 55 to 65 deg TCA; 232.2 to 233.1m weak non-penetrative ser alt'd shear zone at 40 to 50 deg TCA possibly a Lamp Dyke? 1-3% py in frac's & in clots;sharp broken lower contact
BG11-85	234.00	236.64	4s		Felsic Dyke	med steel grey		fine	med			non-magnetic;possible different phase of QFP- partial melt with xeno's?; rounded absorbed chl xeno's; med sized feld pheno's and white fine plagio pheno's; strong frac'ing 234 to 234.4m at 45 deg TCA with ser alt'n?; lower contact sharp at 45 deg TCA
BG11-85	236.64	240.65	QFP		Quartz Feldspar Porphyry	light tan	grey green	aph	med			non magnetic; 2-3% py filled fracs throughout incl strong zone btw 238-238.2 w 5% <0.5 cm wispy py filled fracs w >80% cse py; 1% <0.5 cm wt qtz-carb vns @45-80 + tr chl'd fracs; min'd 1-3 cm whispy py vn at lower contact @45 TCA
BG11-85	240.65	245.05	13cbx		Diorite Breccia	med green	spotty green-khaki	fine	med			non magnetic; hly chl'd in 30 cm zone btw 242.2-242.5 m w 3-5% md to cse diss py + 1*4 cm zone w >60% cse py in qtz-carb; 2*1 cm wt qtz carb vns @55-65; py/chalco diss + conc along <0.2 cm fracs + along vns incl 1*1 cm hly chl'd qtz-carb vn @40 w 15% mg py + 1*3 cm qtz-carb vn @55 w 50% cse py; near bottom contact have zone w 15% leux; irregular lower contact w 1.5 cm dol-qtz vn @35 TCA
BG11-85	245.05	258.15	QFP		Quartz Feldspar Porphyry	light tan	grey green	aph	med			non magnetic; subdued <0.4 cm wt subrounded phenos; btw 255.4-256.2 m slightly sheared w py filled fracs alligned @20-35; 2-3% min'd fracs throughout however fracs are non penetrative and discontinuous; tr <0.5 cm fuch clasts; ser/chl alt along fracs + <0.3 cm wt dol veinlets throughout; sharp broken lower contact
BG11-85	258.15	265.85	13cbx		Diorite Breccia	med green	spotty green-khaki	fine	med			non magnetic; breccia fragments angular and range up to 7 cm across, some with resorbed textures; hly chl'd along fracs/in the groundmass + ser alt along vn margins + 2% leux flecs; 2-3% mg diss py + py conc along fracs + adj to qtz/dol vns; btw 258.7-261.8 sheared w 8% wt dol vning @35-45; 1-3% dol + qtz vning throughout rest of unit w chl/ser alt along vn margins; broken lower contact
BG11-85	265.85	267.50	4s		Felsic Dyke	dk green		fine	med			non magnetic; looks like v fresh diorite w fg <0.1 cm mauve leux flecs?; <0.4 cm wt qtz-dol vns @40-70 w ass 2-3% brassy mg py; 2-3% mg diss py throughout + rare subrounded zones up to 8 cm w lg gn to grey colour; transitional lower contact @50 TCA

Hole_ID	From	To	Lith 1	Lith 2	Lithology Name	Colour1	Colour2	Grain Size 1	Grain Size 2	Text	Text	Description
BG11-85	267.50	270.70	13cbx		Diorite Breccia	med green	spotty green-khaki	fine	med			non magnetic; hly chl'd throughout w 1-3% qtz/dol vning; btw 269.5-270.70m chl-ser shear @40-45 w 2-3% py conc along fracs; btw 267.95-268.05m 1*8 cm min'd zone w wt to grey qtz vning w 5% v cse euh py; btw 269.3-269.5m have non sheared sil'd zone w 2-3% fn to mg diss py + 1*4 cm qtz vn @40 w dk qtz/3% mg py; sharp lower contact is min'd 3 cm qtz-dol vn w 5% mg py ass w dk blk qtz following large shear zone @50 TCA
BG11-85	270.70	338.45	QFP		Quartz Feldspar Porphyry	light green to grey	light tan buff	aph	med			non magnetic; at contact porphyry is light pink w min'd fracs + bull qtz-dol vns; porphyry transitions to light tan at 271.5m and then to dk green grey at 275m - both have wt to gn subrounded <0.4 cm phenos; porphyry transitions back to light tan at 303m, however see continuous changes in porphyry colour throughout; 2-3% vning common as qtz/qtz-dol vns; 1-5% py diss + conc along chl'd fracs + conc within zones; btw 337.18-337.25m have 7 cm blk flt breccia w adj gouge; sharp lower contact at shear zone @25 TCA
BG11-85	338.45	339.27	13cbx		Diorite Breccia	light lime green	dk green	fine	med			non magnetic; hly sheared @40 w 3% qtz-dol vning ranging up to 2 cm gen @55-65; chl-ser alt throughout w 3% mg py conc along contact; sharp lower contact @65 TCA
BG11-85	339.27	361.30	QFP		Quartz Feldspar Porphyry	light green to grey	light tan buff to red	aph	med			non magnetic; subrounded glassy to wt <0.5 cm phenos within porphyry ranging from light gn to grey to red to tan; minimal vning w 1-5% py diss + conc along <0.2 cm chl'd fracs - py min strong within red porphyry w strong wt phenos, conversely no py min in tan porphyry w subdued glassy phenos; near lower contact have 3 cm rounded inclusion of diorite breccia within QFP - contact @75 TCA
BG11-85	361.30	392.80	13cbx		Diorite Breccia	light green	dark green	aph	med			non magnetic; ser'd/chl'd w chl conc along <0.1 cm fracs; 2% qtz-dol vning incl 1*2.5 cm qtz-dol vn @65 w ser/chl alt + 2% fg py near lower contact of sheared alt'd zone; move into fresher diorite at 362m w 1-3% wt dol vning + more subdued subrounded breccia clasts ranging up to 20 cm in length; btw 364.15-364.8m have red intrusive within diorite @45 poss hem alt; hly chl'd throughout w subrounded <0.4 cm chl clasts; sharp lower contact @70 TCA
BG11-85	392.80	401.28	FP		Feldspar Porphyry	light pink	light green to tan	aph	med			non magnetic; subrounded glassy to wt to red <0.5 cm phenos; fractured throughout with fracs controlling py min - fracs gen @30-50 TCA and range up to 0.8 cm in width w md to cse euh py; minor qtz-dol vning w 1*0.5 cm qtz-dol vn at 397m @20 TCA w 3% adj mg py + 1*5 cm qtz-dol vn btw 399.4-399.7m @30 TCA w 2% ass mg py; lower contact sharp + dry @65 TCA
BG11-85	401.28	417.35	13cbx		Diorite Breccia	dark green		aph	med			non magnetic; hly chl'd throughout w pk quartz in zones + 1-2% qtz-dol vning; dol vning ass w flts and flts slips incl 1*10 cm qtz-dol-chl flt bx @55 btw 403.10-403.20m; btw 414.34-414.43 m have 10 cm wide brecciated dol vn @45 w blk stringers + angular red syenite? clasts; some units in diorite breccia are extremely fresh and do not show strong subrounded characteristic clasts or show rare subdued clasts such as btw 402-404m; lower contact @45 TCA
BG11-85	417.35	423.60	13e		Syenite	red	dark red green	fine	med			non magnetic; variable colour and texture variations; small zones of syenite with strong red colour matrix with feldspars such as btw 417.35-417.6m w brittle frac'ing with 2-3% late qtz+dol in these zones; btw 418.58-418.62 m have strong chl flt @70 w visible gouge + adj qtz-dol vn; visible subrounded dk green <2 cm xenoliths + fn <0.2 cm round phenos in syenite zones w dk red to gn matrix; extremely indirect lower contact w trachyte cannot be directly defined
BG11-85	423.60	435.70	5i		Trachyte	multicolour light to dark green	pinky red	aph				non magnetic; unsure 100% if trachyte?, could be contact zone btw syenite and porphyry unit, hly alt'd and sheared in zones whereas dk w chl clasts in other zones; more aph than syenite and multicoloured w hvy alt in hly chl'd zones + ser alt; occasionally sheared w carb alt as 2% wt qtz-dol vning ranging up to 2 cm @20-65; hem alt along hem vns + in hem blebs; subrounded <1 cm chl clasts within dk gn to red zones ; poorly min'd w tr mg diss py + more rarely in vns incl btw 425.28-425.31m w 1*1.5 cm qtz-dol vn w blk qtz @30 w adj 10% cse euh py; soft lower contact @40 TCA
BG11-85	435.70	449.73	BFP		Bimodal Feldspar Porphyry	light pink to grey	dark red	fine	med			non magnetic; from 435.70-435.62m chill zone between trachyte and FP with a lime green ser'd and chl'd matrix containing wt to glassy <0.2 cm angular phenos; at 435.62 porphyry transitions to bimodal feldspar porphyry @60 TCA; bimodal feldspar porphyry has two sizes of phenos incl subrounded to subangular pk phenos ranging up to 1 cm + <0.4 cm wt subrounded phenos; within unit see smaller zones ranging up to 5 cm of porphyry similar to seen in chill margin with phenos <0.3 cm + ser alt; extremely sharp lower contact at fault with visible dol-chl gouge + brecciation w <2 cm angular qtz-dol clasts + adj ser-chl chear @70 TCA

Hole_ID	From	To	Lith 1	Lith 2	Lithology Name	Colour1	Colour2	Grain Size 1	Grain Size 2	Text	Text	Description
BG11-85	449.73	487.00	13c		Diorite/Diorite Breccia	dk green		fine	med			non magnetic; fresh dk green matrix w 1-3% <0.5 cm wt dol vning; occasional rare <2 cm subrounded resorbed breccia clasts + wt qtz clasts indicating faint zones where diorite breccia however much less breciated then other units, more plain diorite; around 475m fresh diorite turns into diorite breccia w increased dol vning + coarser grained visible crystals; zones w 2-3% leux flecs + 2-3% mg diss py/py conc along chl'd fracs/in chl'd zones; btw 477.5-477.65 have 1*13 cm rounded tan breccia clast w qtz eyes containing tr py; sharp lower contact at 15 cm wide qtz-dol vn w blk sil w 3-5% mg euh py @35 TCA
BG11-85	487.00	493.50	13e		Syenite	dk red	light green	fine	med			non magnetic; at contact have py filled fracs within fresh dark red looking syenite; hly alt'd throughout rest of unit and looks like diorite breccia in some zones with visible rounded holy clasts such as btw 459.5-489.6m; ser'd w 1-2% qtz-dol vning; indirect lower contact with porphyry cannot be directly defined
BG11-85	493.50	508.50	QFP		Quartz Feldspar Porphyry	light tan	light pink to green	aph	med			non magnetic; extremely blitzed with tan coloured groundmass and subdued almost non visible wt to gn <0.3 cm phenos; phenos become more visible as move in to red to light gn porphyry w glassy to pk subrounded phenos + ser/chl alt; 2% qtz-dol vning incl btw 504.1-505.5 w 7*0.2-4 cm qtz-dol vns @40-80; some vns have adj chl-ser shear zones; tr fuchsitic clasts; py min not common in unit w tr py in vns; indirect lower contact with syenite cannot be directly defined
BG11-85	508.50	514.65	13e		Syenite	dark red	light green	fine	med			non magnetic; looks like syenite but may also be extremely alt'd and hem'd QFP; btw **508.5 - 511m possible very weak 10 Vein Structure? -**hosted in syenite which is hly alt'd w 2-3% py filled fracs in units of fresh looking red syenite + zones w lime green chl/ser alt + small sil'd zones + 3% qtz-dol vning; minimal mineralization w py conc along fracs in fresh diorite and diss in lime green alt zones; end of unit hly alt'd (difficult to distinguish lithology) w 1-2% fg diss spec hem/py + qtz-dol vning; indirect transitional lower contact with diorite breccia cannot be directly defined
BG11-85	514.65	550.59	13c		Diorite Breccia/Diorite	dark green	dark pink	aph	med			non magnetic; generally fresh w minor subdued clasts but much fresher than other diorite breccia units, looks like diorite in zones - transitions btw diorite/diorite breccia throughout unit; 3-5% leux flecs in zones + 2% dol vning gen @45-55; alt zone starts at 524.1m w **possible very weak 10 Vein Structure? btw 525-528.9 -** structure hosted in hly alt'd diorite breccia w hvy hem/chl alt + tr dol vning; minimal mineralization w fg diss py ass w hem alt; near lower contact have small zones such as btw 547.5-547.7m where have partial melting between diorite and QFP as can see dark red intrusions of QFP in diorite; serrated soft lower contact w inclusions of QFP within diorite breccia
BG11-85	550.59	558.19	QFP		Quartz Feldspar Porphyry	dark red	dark brown	aph	med			non magnetic; dark magenta red w subrounded <0.6 cm pk to bone wt phenos + rare subrounded dk gn chl clasts; porphyry has slight bimodal texture due to the various clast size; btw 551.5-552.05m have dk diorite breccia intrusion within QFP with sharp contacts @35,70; lower contact min'd w 5% fn to mg diss py/py conc along hairline fracs; sharp contact @50 TCA
BG11-85	558.19	574.75	13cbx		Diorite Breccia	dark green	light green	aph	med			non magnetic; very fresh w subdued subrounded holey breccia clasts; inclusions of dark red porphyry from above unit visible in zones such as btw 565.75-566m; chl'd w 1-3% fn to mg py diss + conc along fracs/2% wt dol vning; lower contact min'd w 2-3% fn to mg diss py; contact moderately sharp but soft @50 TCA
BG11-85	574.75	622.52	QFP		Quartz Feldspar Porphyry	light pink to red	light green to tan	aph	med			non magnetic; subrounded <0.5 cm bone wt to glassy phenos; near contact porphyry starts out fresh w visible phenos + 2-3% fg diss py/py conc in blebs + 2-3% wt dol/qtz-dol vning; porphyry becomes more alt'd around 576.3m w ser alt as flecs + chl'd phenos + tr fuchsite clasts; btw 587.1-591.75m porphyry changes to lime green in colour w 2% mg diss py + qtz-dol vning incl 1*18 cm qtz-dol vn @45 btw 588.15-588.35m w an adj zone of 5% fn to mg diss py/py conc along fracs; the green chl-ser-fuch alt zone alterarion zone has a sharp lower min'd contact @55 TCA with a dark red porphyry which at 592.35m changes to a bimodal texture due to two sizes of phenos including cube phenos ranging up to to 1 cm; bimodal texture ends at 596.91m after slightly sheared alt zone @40 TCA w ser/chl alt; following this zone porphyry extremely fresh w a weak green alt zone btw 607-608.2m and a strong sheared @50 TCA and strongly qtz-dol vn'd alt zone btw 615.6-617.1m w 2% mg diss py; slightly serrated min'd lower contact w 3% fn to mg diss py @60 TCA

Hole_ID	From	To	Lith 1	Lith 2	Lithology Name	Colour1	Colour2	Grain Size 1	Grain Size 2	Text	Text	Description
BG11-85	622.52	693.00	13c		Diorite	dark green	light green	aph	med			non magnetic; at contact diorite brecciated and slightly sheared @45 w chl-carb alt + 3% mg diss py; diorite unit freshens up and loses brecciation, w 2-3% wt dol vning + 3-5% epd alt as stringy epy vns/epd blebs, w epd alt increasing w depth; btw 635.52-635.6m have 4 cm py-chl vn w 70% v cse euh py @55 TCA; btw 660.4-660.5m have 1*4 cm wt qtz-dol vn @40 w 10-15% mg py + 1*1 cm py filled frac at 660.9m; at 672m have 5% fg py within an 3 cm wide irregular epd clot w adj chl + qtz-dol + epd alt; btw 682.5-683.31m have fracs @15-25 TCA w py; btw 683.31-683.6 have tan coloured sil'd alt zone w <0.2 cm grey qtz veinlets @40-45 TCA + 1-2% fg diss py - adj to this sil'd zone have 2% mg diss py + leux flecs; btw 686.7-686.9 have faint red porphyritic texture from an intrusion of QFP that has been melted in diorite? whereas btw 687.48-687.56 m have more distinct QFP dyke w sharp contacts @60 TCA; near end of hole have 1*6 cm qtz-dol vn @40 w adj 2% mg diss py; EOH 693m
BG11-87	0.00	16.24	100		Casing							abundant boulders
BG11-87	16.24	32.75	8b		Wacke	light grey green	light yellow green	aph				non-magnetic; strong sheared wacke at predominantly 30-35 deg TCA but ranges from 30 to 55 deg TCA;, strong ser alt'n+ minor chl; at 21.26 1cm wide grey qtz vn'ing in slip with 5-7% fg py; fault gouge near lower contact, broken core poor recovery
BG11-87	32.75	99.56	QFP		Quartz Feldspar Porphyry	pale light peach	light orange brown	aph	med			non-magnetic; translucentgrey qtz and white plagio pheno's; widely spaced but frequent faulting & brittle frac's <1cm to hairline with late white qtz-dol and grey qtz with variable fg silver coloured py; frac's usually discontinuous network style weak to moderate but localized and widely spaced and hairline micro frac'ing with ser alt'n; 44.2 to 45m ground core; moderate shearing from 59.7 to 63.2m with grey qtz + 1% fg py;
BG11-87	99.56	101.30	FQP		Feldspar Quartz Porphyry	pale yellow lime		aph	med			non-magnetic; sharp irregular contacts at 90 and 45 deg TCA; translucent plagio feldspars in a ser alt'd matrix with weak sporadic fuchsite flecs and weak bimodal sized orthoclase feld pheno's; nil py
BG11-87	101.30	184.60	QFP		Quartz Feldspar Porphyry	pale light peach	light orange brown	aph	med			non-magnetic; translucentgrey qtz and white plagio pheno's; widely spaced but frequent faulting & brittle frac's <1cm to hairline with late white qtz-dol and grey qtz with variable fg silver coloured py; frac's usually discontinuous network style weak to moderate but localized and widely spaced and hairline micro frac'ing with ser alt'n; some sections feshen up to unaltered grey matrix;; mineralized zones 103.8 to 106.6m, 117.45 to 121m, 136.9 to 137.85m (fault),
BG11-87	184.60	201.90	FQP		Feldspar Quartz Porphyry	pale yellow lime	salmon green	aph	med			non-magnetic; translucent plagio feldspars in a ser alt'd matrix with weak sporadic fuchsite flecs and weak bimodal sized orthoclase feld pheno's; nil py; 187.4 to 189.27 QFP unit with sharp contracts at 45 and 60 deg TCA with 1-3% py in irregular frac-vn's <4mm wide; 198.86 to 199.03m qtz-dol vn 60 deg TCA contacts; sharp contacts with 10-15% grey qtz at upper contact and strong slips at lower contact at 35 deg TCA
BG11-87	201.90	395.45	QFP		Quartz Feldspar Porphyry	pale orange peach	pale light grey green	aph	med			sections with widely spaced usually discontinuous, irregular py vn's <1 cm wide, some sections with higher frac'ing over 5 to 10 cm wide with py; strong perv sil alt'n and lime yellow ser in micro-frac'ing; sections with 1-20% late qtz-dol vn'ing with no associated py; **brittle shear zone 312.6 to 314.2m with 3-50% py in py vn's** 331.6 to 342m QFP grey-green colour matrix, unaltered section, becoming more siliceous after 342 to 346.8m with brittle fracturing and from 346.2 to 346.5m 10-12% py; 366.3 to 370.6m strong brittle frac's with carb+qtz alt'n, negl py mineralization; sharp lower contact
BG11-87	395.45	398.12	13e		Syenite	mauve + dark grey green		aph				non-magnetic; <1% late bone white qtz <1mm wide vn'lets; negl py; 395.67 to 395.83m reddish brown QFP 85 to 90 deg TCA contacts; lower contact at 90 deg TCA, bleached 4cm wide syn at contact
BG11-87	398.12	451.36	QFP		Quartz Feldspar Porphyry	orange brown	grey green	aph	med			similar to QFP at 201.9 to 395.45m; **strong py mineralization at 403.65 to 404.2 and 416.65 to 415.05m with py+hem+cpy**;
BG11-87	451.36	457.50	FP		Feldspar Porphyry	grey		aph	med			possible different QFP unit than previous or sharp alt'n contact at 50 deg TCA; FP freshened up without perv silica alt'n; abundant white plagio feld pheno's without quartz; 1-2% diss anhedral py throughout matrix in micro frac's
BG11-87	457.50	478.65	QFP		Quartz Feldspar Porphyry	pale brown	spotted white mauve	aph	med			457.5 to 457.7m strong perv silica alt'n, possible contact at 458m; sections with strong perv sil alt'n interchanging gradually with section of less silica alt'n freshening up to mauve colured matrix with white plagio pheno's; mineralization confined to py in hairline frac's & vn'lets; sharp definitive lower contact at 40 deg TCA
BG11-87	478.65	493.60	13cbx		Diorite Breccia	med green	light yellow green	aph	coarse			non-magnetic; 478.65 to 479m 40% qtz-ank vn'ing after contact; perv chl alt'n + patchy ser alt'n; white carb in hairline frac's and veins occasionally with py; 482.6 to 483.55m strong early bx with qtz-dol healing; sharp lower contact at 30 deg TCA
BG11-87	493.60	509.69	QFP		Quartz Feldspar Porphyry	grey green		aph	med			non-magnetic; contact with QFP negl py; pale white plagio feld pheno's in a aph sil+chl matrix weak to mod alt'n; micro-frac'ing weak; <2% qtz-dol vn'ing overall; 1% py in micro-frac's; 497.08 to 497.27m Diorite Bx unit 45 deg TCA contacts

Hole_ID	From	To	Lith 1	Lith 2	Lithology Name	Colour1	Colour2	Grain Size 1	Grain Size 2	Text	Text	Description
BG11-87	509.69	513.71	13cbx		Diorite Breccia	med green		aph	coarse			non-magnetic; 509.69 to 509.8m dk green chl alt'n at contact with 5-7% fg py in micro-frac's at 25 to 50 deg TCA; lower contact at 60 deg TCA
BG11-87	513.71	552.70	QFP		Quartz Feldspar Porphyry	pale beige	pale light brown	aph	med			non-magnetic; 3- py bands with 75% py up to 2 cm wide at 65 to 75 deg TCA proximzl to diorite bx - QFP contact; sharp contact at 45 deg TCA
BG11-87	552.70	555.00	FP		Feldspar Porphyry	mauve	orange brown	aph	med			differentiates from above QFP with mauve coloured matrix+ smaller plagio pheno's; weak ser alt'n; 5% late qtz-dol
BG11-87	555.00	555.70	QFP		Quartz Feldspar Porphyry	grey		aph	med			*at 555.3 to 555.4m weak slip-shear 10 cm wide section with 35-40% qtz-dol, <1% py, slips at 45 deg TCA- 10 or 12 Vein structure?- not strong at this point* ; lower contact sharp at 60 deg TCA
BG11-87	555.70	559.83	FP		Feldspar Porphyry	mauve	orange brown	aph	med			as with 552.7 to 555m
BG11-87	559.83	560.10	13e		Syenite	dk green	light green	aph	med			non-magnetic; possible Syenite?, possible Diorite or Mafic Dyke; light olive green alt'n perv silica? or ser? Plagio pheno's have 55 deg TCA fabric; sharp lower contact 50 deg TCA with a thin py band <2mm wide in QFP
BG11-87	560.10	568.55	QFP		Quartz Feldspar Porphyry	pale beige	pale light grey green	aph	med			non-magnetic; **561.5 to 561.9m approx 6 py vn's up to 1cm wide, overall 3-5% py, vn;s at 30 deg TCA**; at 564m probable ground core driller note on block says 0.6m ground -actually 1m lost core; sharp irregular contact at 90 deg TCA
BG11-87	568.55	569.35	FP		Feldspar Porphyry	light green		aph	med			non-magnetic; mod ser alt'm in non-penetrative micro-frac'ing with tr py; sharp lower contact 55 deg TCA
BG11-87	569.35	571.00	QFP		Quartz Feldspar Porphyry	pale beige	pale light grey green	aph	med			
BG11-87	571.00	572.70	FP		Feldspar Porphyry	dk green	light green	aph	med			unit resembles unit at 559.83 to 560.1m; 570.8 to 573.4m late bull qtz+ dol vn at 0 - 5 deg TCA at 4cm wide with two 3mm wide spalshes of cpy at 572.4m
BG11-87	572.70	596.00	QFP		Quartz Feldspar Porphyry	pale beige	pale light grey green	aph	med			at 584.4 fault at 45 deg TCA weak; **585.9 to 587.85m >20 brassy coloured py vn's with up to 90% py and up to 1 cm wide vn's at 45 deg TCA possible down dip of 10 V or 12 V, overall 3-8% py**; lower irregular contact at 90 deg TCA
BG11-87	596.00	598.40	QFP		Quartz Feldspar Porphyry	grey green	light green	aph	med			at 596 to 598.4 the unit is altered with no distinct boundary,with 1-2cm qtz-dol high angle veins, intermittantly through section
BG11-87	598.40	623.70	FP		Feldspar Porphyry	mauve	beige brown	aph	med			mauve coloured matrix, with minor qtz-feldspar low angle veins, to green matrix
BG11-87	623.70	702.00	FP		Bimodal Feldspar Porphyry	grey green	mauve	aph	med			non magnetic; porphyry changes from feldspar porphyry to bimodal feldspar porphyry w larger wt to pk euhedral cube phenocrysts ranging up to .05 cm along w the smaller 0.1-0.4 cm phenos within a green mauve groundmass; increased silica content at 655; intermittant until 659.1; fabric orientation of the feldspar dominant intermitantly at 50-60 deg TCA ,changes to brown in varius sections due to spec hematite 682.5-688.0
BG11-88	0.00	12.60	100		Casing							
BG11-88	12.60	26.05	8c		Arenite	khaki grey green		fine				non-magnetic; fine grainy texture white non-carb grains and khaki green grains; faint bedding slips visible in some sections with overall predominant foliation-slip fabric at 25 to 35 deg TCA; occasional bull-white qtz and cream coloured qtz-dol vn'lets <5%; some localized <2cm wide shear-slips with ser+qtz+dol+minor py; 12.6 to 26.05m blocky ground ~75 to 85 % recovery due to bedding+ platy slips
BG11-88	26.05	47.20	8b		Wacke	grey green	dark grey	fine	aph			non-magnetic; repetitive bedding of aph to fine beds at 25 to 40 deg TCA occasional thin platy gouge and some bedding crenulation + micro-folding; occasional 5 to 10 cm wide late qtz-dol vn'ing no visible mineralization; 37.9 to 39.3m section of Arenite; Blocky ground due to platy bedding-slips 85-90% recovery; 46.5 to 47.2m poor recovery blocky ground up to contact
BG11-88	47.20	76.00	8a		Conglomerate	yellow green		fine	coarse			upper contact broken core with 35-40% white qtz; non-magnetic to 71m, 71m to 76m strongly magnetic with magnetite grains in thin beds at 20 to 30 deg TCA; mod to strong perv ser alt'n with fuchsite alt'n of occasional sub-rounded pebbles-cobbles; mod to strong fabric foliation at 25 to 40 deg TCA with pebbles + cobbles showing strong attenuation; jasper pebbles; some sections coarser than others showing good sorting while most are poorly sorted; mineralization observed occasional proximal to late qtz slips; 64.2 to 64.5m mod siliceous unit, pale brown matrix unit with fine white flecs - fine sediment?; 70.3 to 70.7m primary bx with chl healing; lower contact at 25 deg TCA
BG11-88	76.00	79.22	8d		Argillite	khaki grey green		fine				mostly non-magnetic but magnetic from 76 to77m; sections with succession of poorly sorted med to fine to aph beds with some sections having grains 2mm diameter; bedding between 20 to 45 deg TCA; negl py but magnetite grains visible in sections
BG11-88	79.22	83.00	8c		Arenite	brick red-grey	bdk brown	med				med grained well sorted unit; some sections magnetic
BG11-88	83.00	124.00	8d		Argillite	crimson red	dk green-brown	aph				non-magnetic; hard predominantly aph matrix ; crimson red coloured matrix usually associated with qtz-dol vn'ing from 87 to 87.8m, 91.67 to 91.93m, 94.5 to 94.9m; 104.9 to 124m strong shear ductile fabric at 30 to 45 deg TCA with ser+ chl with generally 2mm x 10mm attenuated chl lens; rare py on slips associated with qtz - dol vn'ing

Hole_ID	From	To	Lith 1	Lith 2	Lithology Name	Colour1	Colour2	Grain Size 1	Grain Size 2	Text	Text	Description
BG11-88	124.00	124.50	8b		Wacke	dk grey green		aph				non-magnetic; repetetive bedding at 35 to 40 deg TCA; negl py
BG11-88	124.50	143.70	8c		Arenite	yellow green	grey brown	fine	med			non-magnetic; succession of arenite units with finer to fine to med grained sections sometime sectionsof wacke and poorly sorted conglomerate; brown red unit from 129.4 to 130m and perv ser alt'n from 132 to 138.2m; blocky in some sections with <75% core recovery; negligible mineralization with occasional small anhedral clusters in matrix; 137.2 to 138.2m 35% qtz-dol vn'ing;
BG11-88	143.70	148.94	8a		Conglomerate	mauve grey		fine	coarse			non-magnetic; attenuated pebbles & cobbles at 40 to 50 deg TCA; weak ser alt'n in micro frac'ing; negl mineralization
BG11-88	148.94	160.68	8c		Arenite	dk mauve grey		fine	med			non-magnetic until 150.2m then becomes strongly magnetic throughout with fine grained magnetite? black spec's throughout; some pebbles in poorly sorted sections or as minor units; strong perv carb alt'n; bedding+ attenuated clasts at predominantly 45 deg TCA; negl mineralization
BG11-88	160.68	163.50	8a		Conglomerate	dk mauve grey		med	coarse			strongly magnetic; mod to strong perv carb alt'n; attenuated pebbles at 35 to 45 deg TCA
BG11-88	163.50	169.40	8c		Arenite	dk mauve grey		fine				strongly magnetic; mod to strong perv carb alt'n; mostly well sorted massive unit; two fault gouge at 163.9 and 167.4m at 30 and 45 deg TCA; sharp definitive contact at 65 deg TCA
BG11-88	169.40	169.90	13e		Syenite	grey		aph	fine			magnetic; strong perv carb alt'n; black biotite clusters; lower contact definitve but broken and irregular
BG11-88	169.90	179.20	FP		Feldspar Porphyry	dk mauve brown		med	aph			non-magnetic; white plagio pheno's with a reddish brown alt'n hue generally 1mm to 5mm diameters; weak carb alt'n mostly confined to 5% carb+ calcite vn'ing + <5% qtz-dol vn'ing; tr py mineralization in matrix, euhedral x-stals; overall weak fabric fol'n at 35 to 55 deg TCA
BG11-88	179.20	180.00	13e		Syenite	grey		aph	fine			strongly magnetic; strong perv carb alt'n; sharp contacts; brittle frac'ing & fabric at 45 deg TCA
BG11-88	180.00	388.84	FP		Feldspar Porphyry	dk mauve brown		med	aph			as described in 169.9 to 179.2m; weak to strong fabric fol'n at 40 to 55 deg TCA with widely spaced slips at predominantly 30 to 45 deg TCA with occasional adjacent qtz-dol+calcite vn's + chl+ser; lower contact at 35 to 40 deg TCA, sharp definitve with a 1mm to 1cm wide black qtz vn at 35 to 40 deg TCA
BG11-88	388.84	470.70	8c		Arenite	light green	med green	fine				non-magnetic; fine grained massive unit predominantly well sorted with faint bedding fabric and attenuated fol'n fabric at predominantly 30 to 50 deg TCA; occasional jasper grains observed and fg euhedral py in matrix; 5% late frac'ing healed with white qtz-dol+ carb-calcite; 395.5 to 395.6m light salmon coloured arenite unit; shearing with qtz+ank+ser+black qtz at 445.3to 445.5, 446.8 to 446.9m, 451.1 to 451.9m; strong shearing to lower contact of unit at 30-35 deg TCA; 470 to 470.6m Conglomerate section; lower contact 470.7m at 30 deg TCA
BG11-88	470.70	516.90	8a		Conglomerate	light yellow green		fine	coarse			non-magnetic; strong ductile shearing at 30-35 deg TCA with highly attenuated pebbles-cobbles and strong ser+chl+qtz+ank alt'n some fuchsite alt'd pebbles-cobbles, occasional jasper pebbles; variable grey-white qtz-dol-ank vn'ing 5 to 45%, occasionally crenulated; increase in qtz-ank-dol vn'ing at following sections 477.65-477.75, 478.3-478.4, 481.5- 482, 482.5- 484.04, 486.9-487, 488.2, 488.5-488.7, 489.9-492.5, 498.05-499.1, 502.5-503, 503.3-503.7, 504.8-505, 506.9-508m; **at 505.9 to 505.95m strong Flt at 40 deg TCA possibly east ext. of 21V from 1400L, 507 to 509.5m 5-7% very fg brassy py in discontinuous lens along shear planes at 25 and 65 deg TCA, 512.5 to 513.2m 1-2% fg py in discontinuous narrow lens at 35 to 40 deg TCA;** 515.1 to 516.9m grain texture more like an arenite; lower contact at 45 deg TCA
BG11-88	516.90	523.15	QFP		Quartz Feldspar Porphyry	light orange brown	light yellow brown-green	fine				non-magnetic; white plagio feld pheno's; weak perv fine ser alt'n in micro-frac's + chl in minor slips; fol'n fabric 30 to 45 deg TCA; negligible mineralization; rare qtz-dol vn'ing with dk green chl slips; lower contact at 55 deg TCA with 20 cm of 15-20% qtz-dol vn'ing in following Congl unit at 55 and 35 deg TCA
BG11-88	523.15	577.55	8a		Conglomerate	light yellow green	med green	fine	coarse			non-magnetic; repetetive Conglomerate - Arenite units but mostly conglomerate; highly strained - sheared with attenuated pebbles at generally 30-40 deg TCA; moderate to strong ser+chl alt'n along micro-frac's-shear slips+minor fuchsite; occasional 10-5cm wide qtz-dol vn'ing; sections with 1-5% fg diss py in 3mm long x 1-2mm high discontinuous lens along shear slips; 576.6 to 577.55m strong ser+Kspar+chl alt'n+ 20% qtz-dol up to strong Fault contact with gouge +qtz+carb vn1 cm wide at 30 deg TCA - Bidgood North Break? 1-2% py in gouge
BG11-88	577.55	612.40	13cbx		Diorite Breccia	med green		fine	coarse			non-magnetic; strong silica-dol alt'n from 577.55 to 580.75m with moderate brittle frac'ing and negl py; weak fol'n fabric from 580.75 to 594m at 55 deg TCA with multi slips at 55 to 65 deg TCA and to a lesser extent at 20 to 30 deg TCA; wk qtz-dol vn'ing <5%; negl py; sharp definitive contact at 45 deg TCA

Hole_ID	From	To	Lith 1	Lith 2	Lithology Name	Colour1	Colour2	Grain Size 1	Grain Size 2	Text	Text	Description
BG11-88	612.40	614.20	QFP		Quartz Feldspar Porphyry	dk red brown	med green brown	aph	med			non-magnetic; at contact to 612.5m with strong purple qtz with 3-5% diss py; unit is highly frac'd with slips + fol'n fabric at 35 to 50 deg TCA; strong ser alt'n in microfrac'ing; 5-15% late white and purple qtz and qtz-dol vn'lets in stress frac's; 1-3% py overall in qtz; lower contact sharp but irregular at 15 to 40 deg TCA
BG11-88	614.20	614.87	13cbx		Diorite Breccia	khaki green		aph	coarse			non-magnetic; at lower contact with diorite at 614.8 to 614.87m 0.75m wide qtz-dol vn at 30 deg TCA with 5% fg py in slips; sharp lower contact at 30 deg TCA
BG11-88	614.87	645.77	13c		Diorite	dk green		aph	fine			magnetic; white carb in vn'ing starting at 624.5m and unit with strong perv carb alt'n starting at 627m;some frac'ing with py + spec hem; **appreciable py mineralization (1-7%py) with weak carb vn'ing and weak <5% leuc flecs at 624.5 to 626.3, 627.35, 628.2 to 628.33, 628.6, 629.7, 630.4m - possible up-dip of 24 Vein**; 643 to 645.77m strongly magnetic with magnetite in 1mm vn'lets; sharp contact at 645.77m at 30 deg TCA
BG11-88	645.77	667.30	13cbx		Diorite Breccia	med green	dk green	aph	coarse			non-magnetic to magnetic; 645.77 to 645.87m chl+ser+carb vn.ing in slip-shear at contact at 30 deg TCA; weak 5% late carb and qtz-dol vn'ing; weak py mineralization contained in weak frac-slips; sharp definitive contact at 45 deg TCA
BG11-88	667.30	675.00	FP		Feldspar Porphyry	dk mauve brown		aph	med			non-magnetic; white-pink and bone white plagio pheno's with bimodal sized x-stals; 5% grey-white carb in vnlets; no py mineralization, one carb vn with a splash of cpy at 673.7m; sharp irregular lower contact at 55 to 60 deg TCA with two carb vn'lets at contact in Diorite Bx
BG11-88	675.00	679.34	13cbx		Diorite Breccia	med green		aph	coarse			non-magnetic; perv chl alt'n; trace to <1%py in weak carb vn'lets; lower contact at 65 deg TCA
BG11-88	679.34	682.23	13e		Mafic Syenite	grey green		aph	fine			non-magnetic; mod to strong perv carb alt'n; <1% py in carb vn'ing at 0 to 25 deg TCA
BG11-88	682.23	718.62	13cbx		Diorite Breccia	med green		aph	coarse			non-magnetic; perv chl alt'n; trace to <1%py in weak carb vn'lets; widely spaced chl+carb slips with usual adjacent qtz-dol vn'ing; *704.85-704.96m light lavender coloured section with hairline frac's at 55 deg TCA with overall 3-5% py; lower contact sharp at 85 deg TCA*
BG11-88	718.62	719.40	FP		Feldspar Porphyry	dk mauve brown		aph	med			non-magnetic; FP dyke; splash of cpy in chl-carb vn'let - edge of vn'let; lower angle at 40 deg TCA
BG11-88	719.40	725.30	13cbx		Diorite Breccia	med green		aph	coarse			non-magneic; <5% carb vn'ing
BG11-88	725.30	725.63	FP		Feldspar Porphyry	dk mauve brown		aph	med			FP sharp definitive contacts at 65 and 85 deg TCA
BG11-88	725.63	729.74	13cbx		Diorite Breccia	med green		aph	coarse			non-magnetic
BG11-88	729.74	730.15	FP		Feldspar Porphyry	dk grey		aph	med			non-magnetic; micro hairline frac'ng with py and 5-8% diss py in matrix; dk sil matrix; lower contact at 25 to 30 deg TCA & sheared with 1.5cm wide pink-white carb vn
BG11-88	730.15	730.90	13cbx		Diorite Breccia	med green		aph	coarse			non-magnetic
BG11-88	730.90	732.80	13c		Diorite	med green		aph				magnetic; upper contact at 30 deg TCA; appears to be a gradational change at lower contact
BG11-88	732.80	784.00	13cbx		Diorite Breccia	med green		aph	coarse			non-magnetic with magnetic sections; minor syenite dykes at 750.23 to 750.4 and 758.48 to 758.65m; *slip-shear at 736.5 to 736.58 with carb vn+0.5cm wide py band at 65 deg TCA; 746.4 to 746.6m with white carb vn'ing with cpy and py;* 768.5 to 773.3m unit more like a Diorite, clasts are not visible- however non-magnetic section; 778.7 to 779.05 and 782.4 to 784.5m magnetic Diorite sections; *weak mineralized sections from 776 to 776.6, 779.5 to 780.5m with rare py vn's at 65 to 70 deg TCA in sections <3mm wide* ; lower irregula contact
BG11-88	784.00	785.75	FP		Feldspar Porphyry	grey brown		aph	med			non-magnetic; white plagio pheno's, chl'd pyroxenes or amphiboles;
BG11-88	785.75	792.00	13cbx		Diorite Breccia	med green		aph	coarse			non-magnetic with magnetic sections; *mineralized section at 788.3 to 788.7m with 2mm wide py vn at 70 deg TCA* ; 30 deg TCA 0.5 to 1cm wide qtz vn's at 30 deg TCA with a splash of cpy; 792 EOH
BG11-89	0.00	2.80	100		Casing							
BG11-89	2.80	17.80	13c		Diorite	dk gy	gy-gn	med				25%-60% pk-pa gy feld in chl; hily-mody mag except in min'd leuco zones; 1-3% epi vn's+clots locy conc; generally fresh-not much alt'n/bl'g etc.; competent-RQD=70; 3-5% leucoxene locy conc at min'd zones; hily cbd; locy up to 5% spec; 2% q-ank vn's locy conc gen @40; 1% cse d py locy conc; min'd @7.1-7.3; shrp nat trailing ct @50
BG11-89	17.80	24.70	BP		Bimodal Porphyry	pur-br	gy	Cse				fresh; competent-RQD=80; 10% 1/4"euhedral feld phenos+30%feld +10%qtz 1/8" phenos; <1% q-ank-epi vn's to 1/8"@60 gen; non cbd; homogeneous; non mag; shrp nat trailing ct@50;
BG11-89	24.70	30.40	13c		Diorite	bk	gy	fine				25%-60% pk-pa gy feld in chl;v hily mag except in min'd leuco zones; no epi vn's+clots; generally fresh-not much alt'n/bl'g etc.; competent-RQD=90; 3-5% leucoxene locy conc at min'd zones; hily cbd; 2% q-ank vn's locy conc gen @70; 1% cse d py locy conc; min'd @7.1-7.3; shrp nat trailing ct @75
BG11-89	30.40	37.40	BP		Bimodal Porphyry	pur-br	gy	Cse				fresh; competent-RQD=80; 10% 1/4"euhedral feld phenos+30%feld +10%qtz 1/8" phenos; 1% q-ank vn's to 1/8"@45 gen; non cbd; homogeneous; non mag; trailing ct is flt

Hole_ID	From	To	Lith 1	Lith 2	Lithology Name	Colour1	Colour2	Grain Size 1	Grain Size 2	Text	Text	Description
BG11-89	37.40	44.65	13c		Diorite	bk	gy	fine				25%-60% pk-pa gy feld in chl;v hily mag except in min'd leuco zones; no epi vn's+clots; generally fresh-not much alt'n/bl'g etc.; competent-RQD=90; 3-5% leucoxene locy conc at min'd zones; hily cbd; 2% q-ank vn's locy conc gen @70 pkish; 5% cse d py locy conc; min'd @40.0-40.5, 42.4-42.8, 43.8-44.2; shrp nat trailing ct @55
BG11-89	44.65	70.20	BP		Bimodal Porphyry	pur-br	gy	Cse				fresh; competent-RQD=80; 10% 1/4"euhedral feld phenos+30%feld +10%qtz 1/8" phenos; non cbd; homogeneous; non mag; shrp nat trailing ct@50;
BG11-89	70.20	72.70	13c		Diorite	dk gy	gy-gn	med				25%-60% pk-pa gy feld in chl;v hily mag except in min'd leuco zones; no epi vn's+clots; generally fresh-not much alt'n/bl'g etc.; competent-RQD=90; 3-5% leucoxene locy conc at min'd zones; hily cbd; 2% q-ank vn's locy conc gen @70 pkish; 5% cse d py locy conc; shrp nat trailing ct @30
BG11-89	72.70	74.75	BP		Bimodal Porphyry	pur-br	gy	Cse				fresh; competent-RQD=80; 10% 1/4"euhedral feld phenos+30%feld +10%qtz 1/8" phenos; <1% q-ank-epi vn's to 1/8"@40 gen; non cbd; homogeneous; non mag; shrp nat trailing ct@30;
BG11-89	74.75	76.10	13c		Diorite	bk	gy	fine				25%-60% pk-pa gy feld in chl;v hily mag except in min'd leuco zones; no epi vn's+clots; generally fresh-not much alt'n/bl'g etc.; competent-RQD=70; 3-5% leucoxene locy conc at min'd zones; hily cbd; 2% q-ank vn's locy conc gen @70 pkish; 2% cse d py locy conc; shrp nat trailing ct @25
BG11-89	76.10	79.80	BP		Bimodal Porphyry	pur-br	gy	Cse				fresh; competent-RQD=80; 10% 1/4"euhedral feld phenos+30%feld +10%qtz 1/8" phenos; <1% q-ank vn's to 1/8"@40 gen; non cbd; homogeneous; non mag; shrp nat trailing ct@15;
BG11-89	79.80	84.50	13c		Diorite	bk	gy	fine				25%-60% pk-pa gy feld in chl;v hily mag except in min'd leuco zones; no epi vn's+clots; generally fresh-not much alt'n/bl'g etc.; competent-RQD=90; 3-5% leucoxene locy conc at min'd zones; hily cbd; 2% q-ank vn's locy conc gen @70 pkish; 2% cse d py locy conc; shrp nat trailing ct @45
BG11-89	84.50	86.50	BP		Bimodal Porphyry	pur-br	gy	Cse				fresh; competent-RQD=80; 10% 1/4"euhedral feld phenos+30%feld +10%qtz 1/8" phenos; non cbd; homogeneous; non mag; shrp nat trailing ct@50;
BG11-89	86.50	112.60	13c		Diorite	bk	gy	fine				25%-60% pk-pa gy feld in chl;v hily mag except in min'd leuco zones; no epi vn's+clots; generally fresh-not much alt'n/bl'g etc.; competent-RQD=60 until 100.0, then = 10; spec hem common; 3-5% leucoxene locy conc at min'd zones; hily cbd; 2% q-ank vn's locy conc gen @70 pkish; 2% cse d py locy conc; min'd @98.4-98.7, 97.0-97.2, 109.1, 100.5; flt trailing ct @85
BG11-89	112.60	118.75	BP		Bimodal Porphyry	pur-br	gy	Cse				fresh except for hem'd flt ct's; competent-RQD=80; 10% 1/4"euhedral feld phenos+30%feld +10%qtz 1/8" phenos; non cbd; homogeneous; non mag;flt trailing ct@30;
BG11-89	118.75	136.70	13c		Diorite	gn-gy	dk gy	fine				25%-60% pk-pa gy feld in chl; hily mag to 128.0-then wy mag except in min'd leuco zones; no epi vn's+clots; competent-RQD=60 spec hem common; 3-5% leucoxene locy conc at min'd zones; gn dio turns grad to dk gy-pur @126.0-dk gy dio w 10% leuco+pkish carb-ank vn's; hily cbd; 2% q-ank vn's locy conc gen @45+ 70 pkish; 2% cse d py locy conc; min'd @123.9-124.85, 129.6-129.8; MAIN BRK trailing ct
BG11-89	136.70	179.00	13cbx		Diorite Bx	gn	gn-buff	cse	med			a few bx frag's up to 0.1m in dio (could be tuff); min'd @143.0-143.1, 143.9-144.1; no clots epi; resorbed ct's rounded; non mag; competent-RQD=70; non cbd; 3% q-ank @70;
BG11-89	179.00	214.25	13c		Diorite	gn-gy	dk gy	fine				25%-60% pk-pa gy feld in chl; hily mag to 189.0-then non mag; 1% epi vn's; competent-RQD=60 spec hem common; 3-5% leucoxene locy conc at min'd zones; hily cbd; 2% q-ank vn's locy conc gen @ 70; 2% cse d py locy conc; min'd @189.5, 187.3-187.4, 197.9-198.7, 199.9-202.7 (#6VN?), 204.0, 210.6-210.7; shr'd trailing ct @35
BG11-89	214.25	220.00	13cbx		Diorite Bx	gn	gn-buff	cse	med			a few bx frag's up to 0.1m in dio (could be tuff); min'd @214.25-215.0, 218.5-218.7; no clots epi; resorbed ct's rounded; non mag; competent-RQD=90; non cbd; 3% q-ank @70;
BG11-91	0.00	6.50	100		Casing							
BG11-91	6.50	29.50	8a		Conglomerate							non-magnetic; entire unit represents a strong shear - alteration zone; ductile shear with sharp slips at 35 to 90 deg TCA and local crenulation, strong perv sericite &K-spar?, chl & sometimes thin clay gouge on slips + sil & sil-dol veinletssheared and crenulated, discontinous pods of fuchsite; from 18'9 to 29.5m 1-5% py in occasional 1-2mm wide frac's in qtz & sometime discontinuous frac's; jasper grains observed at 20.2m; some sections are finer grained - possible wacke; contact with QFP is broken; shear possibly a parallel structure to Bidgood North Break and may be responsible for strong py vein in QFP immediately after contact

Hole_ID	From	To	Lith 1	Lith 2	Lithology Name	Colour1	Colour2	Grain Size 1	Grain Size 2	Text	Text	Description
BG11-91	29.50	131.82	QFP		Quartz Feldspar Porphyry	pale orange peach	drab orange green to light green	aph	med			non-magnetic; 30.7 to 30.9m 45% py with a 8cm wide 95% py vn at 55 deg TCA; 29.5 to 40.5m moderate brittle frac'ing with localized brassy py in 1-8cm wide qtz-dol vn's widely spaced and early white qtz-dol in hairline frac's; overall perv K-spar &/or sil-dol alt'n and sections with ser alt'n in minute wispy frac's; 56 to 68.9m 3-10%py in brittle frac's - qtz vn's at variable angles generally 50 to 90 deg TCA in a strong frac'd section bounded by a major fault-breccia from 68.9 to 69.6m - too far north to be the North Break and wrong dip at 15 deg TCA; QFP dyke from 61.75 to 64.1m; 78.5 to 84.5m weak frac'ing widely spaced with py+qtz possibly associated with flts located at 78.5 and 81.1m; lower contact flt'd at 60 deg TCA with 2mm wide chl+qtz-dol
BG11-91	131.82	136.86	FQP		Feldspar Quartz Porphyry	pale tan green	pale orange brown	fine	med			non-magnetic; much different unit than previous QFP, bimodal x-stals in sections, 5-10% xeno's subrounded to sub angular, less perv sil alt'n appearance, more ser alt'n in minute frac'ing, not known if unit is early or later than previous QFP; weak frac'ing with chl+qtz-dol; fractures or matrix not well mineralized;sharp lower contact irregular
BG11-91	136.86	137.40	QFP		Quartz Feldspar Porphyry	pale orange peach		aph	med			lower contact at 70 deg TCA; 1cm weak chill margin
BG11-91	137.40	149.10	FQP		Feldspar Quartz Porphyry	pale tan green	pale orange brown	fine	med			non-magnetic; much different unit than previous QFP, bimodal x-stals in sections, 5-10% xeno's subrounded to sub angular, less perv sil alt'n appearance, more ser alt'n in minute frac'ing, not known if unit is early or later than previous QFP; weak frac'ing with chl+qtz-dol; fractures or matrix not well mineralized;sharp lower contact at 45 deg TCA
BG11-91	149.10	252.80	QFP		Quartz Feldspar Porphyry	pale orange peach	drab orange green to light green	aph	med			non-magnetic; strong perv sil alt'n; mod to strong frac'ing with qtz-dol and chl+ rare mo+py; sections with mod to strong frac'ing with 3-6%py + mo in frac's and frac's with qtz+dol at 175.35 to 180.5m, 213.3 to 218m section identified by widely spaced fault-slips at 35 to 60 deg TCA, at 216.9m thin py fracture proximal to fault; 227.1-227.5m 80% qtz-ank vn'ing with slip at 227.3m with 2mm py vn ay 40 deg TCA; 229 - 229.6m three subparallel py vn's 2-4mm wide at 15 deg TCA; lower contact at 30 deg TCA
BG11-91	252.80	258.00	13e		Syenite	med grey		aph	fine			non-magnetic; possibly a fresh basic syenite with occasional round-eliptical chloritized xeno's or amygdules, fabric at 30-40 deg TCA, weak ser alt'n in sections and 1-3% fg py in matrix; at upper contact 1-2% py with ser alt'n in porphyry; QFP sections at 254 to 254.65m, 255.3 to 255.9m; lower contact at 20 deg TCA
BG11-91	258.00	424.35	QFP		Quartz Feldspar Porphyry	light off-white tan	pale grey green	aph	med			non-magnetic; predominantly perv mod to strong sil + weak ser alt'n with occasional sections of weak to moderate tight brittle hairline frac'ing with chl, possible py and rare mo; some sections with fresh unaltered QFP but still having frac's with py; weak to moderate mineralized sections with widely spaced fracture - veins with py at 306 to 308.5, 313.8 to 315.4, 326.4 to 328.7, 332.1 to 332.6, 346.5 to 348 (weak), 350.5 (1cm wide vn); 391.7 to 392.4m primary bx, grey sil in crack-seal texture;423.15 to 424.35m leading up to Lamp Dyke contact up to 13 -1to2mm wide py frac's at 0, 45 and 80 deg TCA, lower sharp contact at 45 deg TCA
BG11-91	424.35	425.65	13a		Lamprophyre	med green	khaki green	aph	fine			non-magnetic; perv chl+ spotty fuchsite alt'n, 15% qtz-dol vn'ing up to 1cm wide at 65 to 85 deg TCA + multiple qtz-dol vn;s up to 1.2 cm wide with 3-15% py 25 ad 60 deg TCA overall 5-7% py
BG11-91	425.65	498.90	QFP		Quartz Feldspar Porphyry	light off-white tan	pale grey green	aph	med			non-magnetic; as with unit from 258 to 424.35m 2-15% late white qtz and qtz-dol, perv sil alt'n + sections with ser in micro-frac's, py mineralization confined to brittle frac's with qtz and qtz+dol; strong non-penetrative network micro-frac'ing with cream-white qtz-dol at 492.8 to 499m
BG11-91	498.90	512.57	FQP		Feldspar Quartz Porphyry	light yellow-green		aph	med			non-magnetic; similar to 131.82 to 136.86m and different from QFP, probably an earlier unit with moderate ser alt'n, both plagio feld's with bimodal size, less qtz x-stals and fuchsite flecking and clots throughout; tr py remobilized in qtz <2mm diameter clots; probably on edge of contact between FQP and QFP with multiple contacts up to 522.6m
BG11-91	512.57	512.86	QFP		Quartz Feldspar Porphyry	tan orange-brown		aph	med			25% qtz vn'ing; 1-3% py in irregular frac'ing
BG11-91	512.86	513.45	FQP		Feldspar Quartz Porphyry	light yellow-green		aph	med			as with 498.9 to 512.578
BG11-91	513.45	521.00	QFP		Quartz Feldspar Porphyry	tan orange-brown		aph	med			sections of FQP at 513.6-513.75, 514.16-514.27, 515.1-515.4m; weak frac;ing in QFP woth 1-3%py
BG11-91	521.00	522.16	FQP		Feldspar Quartz Porphyry	light yellow-green		aph	med			as with 498.9 to 512.578; sharp contacts at 60 to 80 deg TCA
BG11-91	522.16	549.73	QFP		Quartz Feldspar Porphyry	tan orange-brown		aph	med			from 547 to 549.73m at expected intersection of 12 & 14 Vein plunge weak to moderate hairline frac'ing with 1% py overall with 5-10% late qtz-dol vn'lets increasing after 548.4m up to contact; sharp lower contact at 85 deg TCA

Hole_ID	From	To	Lith 1	Lith 2	Lithology Name	Colour1	Colour2	Grain Size 1	Grain Size 2	Text	Text	Description
BG11-91	549.73	561.50	FQP		Feldspar Quartz Porphyry	light spotted mauve	light pale grey green	aph	med			as with and described in 498.9 to 512.57; tr py in matrix <2% qtz-dol vn'ing; 557.2-557.7m section with same x-stal composition but fuchsite flecs, alt'n contacts, 1-2% py in clots & discontinuous frac; lower contact faulted at 50 deg TCA
BG11-91	561.50	567.91	QFP		Quartz Feldspar Porphyry	light pale brown-green		aph	med			non-magnetic; strong perv sil alt'n and ser, weak hairline frac'ing sometimes with minor py (<1%) and also black qtz, and from 563.6 to 564.52m 5 to 25% late qtz-minor dol vn'ing at 0 to 15 deg TCA; lower contact 70 deg TCA
BG11-91	567.91	579.00	FQP		Feldspar Quartz Porphyry	light spotted mauve		aph	med			as described in 549.73 to 561.5m; 576.45m fault at 30 deg TCA healed with qtz, between 576.45 to 578.6m FQP matrix becomes a brick red colour possibly caused by red oxy'd hem between the two faults with 1-5% py in weak frac'ing; at 578.6 to 579m strong bx-fault badly broken core with gouge with some red oxy'd hem pieces with 1-2% py in frac's, fault may represent late N-S fault as seen on u/g sections that dips east and appears to truncate the 12-14 Vein development
BG11-91	579.00	581.20	13cbx		Diorite Breccia	med grey green		aph	coarse			non-magnetic; perv chl + minor ser alt'n with chl'd amygdules or pheno's + rare frac's with tr py; <5% qtz vn'lets; occasional light salmon coloured breccia sub-angular diorite texture
BG11-91	581.20	588.90	13e		Syenite	dark grey		aph	fine			non-magnetic; weak to perv chl alt'n; tr py in matrix; <2% qtz vn'lets in healed frac's; lower contact at 30 deg TCA with 1cm qtz-dol vn+chl
BG11-91	588.90	594.85	13cbx		Diorite Breccia	med grey green		aph	coarse			as described in 579 to 581.2m; with dark spotted (leopard) appearance due to chl'd amygdules or horneblendes/pyroxenes; 593.7 to 594m sil alt'n or possible QFP finger; 591 to 591.6m 5 deg TCA qtz vn'let between two slips at 591 and 591.6m; lower contact sharp at 30 deg TCA
BG11-91	594.85	605.92	QFP		Quartz Feldspar Porphyry	med grey green		aph	coarse			non-magnetic; 594.85 to 597m perv ser+minor chl alt'n; 596.95 to 601.3m sil alt'n brown buff colour with strong sil+micro-frac'ing with qtz-dol from 600-601.3m in a strong fracture-shear zone at 30 deg TCA 1-2% diss py in matrix;605.2 to 605.9m brittle shear zone 45 deg TCA strong sil + ser alt'n 15% grey white qtz vn'ing
BG11-91	605.92	608.60	13e		Syenite	dark grey		aph	fine			non-magnetic, upper contact with QFP ser+chl alt'n over 6 cm
BG11-91	608.60	622.13	QFP		Quartz Feldspar Porphyry	salmon brown to dark brown	grey green	aph	med			non-magnetic; white plagi pheno's in aph matrix; weak frac'ing with calcite & qtz
BG11-91	622.13	623.90	13cbx		Diorite Breccia	med green	dk green	aph	fine			non-magnetic; 622.13 to 625.2m strong shear zone at 30 to 50 deg TCA with localized qtz-dol vn,ing, strong ser+chl alt'n and occasional sections of leucoxene; 1-2% py in some shear slips
BG11-91	623.90	627.67	QFP		Quartz Feldspar Porphyry	med green		aph	med			non-magnetic; sheared as described above with strong ser alt'n; x-stals show a fabric at 50-55 deg TCA; 5% qtz-dol vn'ing; negl py; sharp lower contact at 65 deg TCA
BG11-91	627.67	647.35	13c		Diorite	dk green		aph	fine			magnetic except where alter'd, multi-sections with 5-20% leuc flecs; 629.7 to 631.2m dark brown QFP in Diorite appears bx from 630.6 to 631.2m; good leuc alt'n from 643.5 to 644.35m
BG11-91	647.35	651.10	QFP		Quartz Feldspar Porphyry	tan brown	white grey	aph	coarse			non-magnetic; mod frac's with <1% py; 649.9 to 650.5m 75% grey qtz-dol - carb; lower contact sharp at 15 deg TCA
BG11-91	651.10	651.72	13c		Diorite	dk green		aph	fine			magnetic; 15-20% leuc flecs; 1% py
BG11-91	651.72	656.50	QFP		Quartz Feldspar Porphyry	tan brown	khaki yellow green	aph	med			non-magnetic; 651.72 to 651.95m mod frac's 1-2mm wide with 3-5% py; 5% grey-white qtz-ank vn'ing
BG11-91	656.50	674.33	13c		Diorite	dk grey green	salmon	aph	fine			magnetic with non-magnetic sections where bx or with qtz-carb flooding; sections with strong frac'ing healed with qtz-carb and grey qtz-dol; qtz-dol flooding at 671.75 to 671.9 and 673.3 to 673.7m with sharp defined irregular contacts at 25 to 30 deg TCA with diorite bx; lower irregular contact at approx 35 -40 deg TCA
BG11-91	674.33	674.82	QFP		Quartz Feldspar Porphyry	brown	salmon brown	aph	med			non-magnetic; grey-white plagio pheno's + 5% pale beige ser flec's; <1% py in one frac-qtzvn 1mm wide at 15 deg TCA; lower contact irregular at 90 deg TCA
BG11-91	674.82	699.00	13c		Diorite	dk green		aph	fine			strongly magnetic; 10-15% pink-white late calcite-carb vn'ing, minor qtz - dol vn'ing; localized shear-slips <10 cm wide with calcite-carb vn'ing + frac's with carb+ fg diss py and minor hem; at 676.1 and 676.2m 1.5 to 0.5cm wide 85% py vn's at 55 deg TCA and at 686.1m at 20 deg TCA; 686.3 to 686.7m QFP dk brown dyke; 699 EOH
BG10-95	0.00	11.50	100		Casing							
BG10-95	11.50	62.40	13c		Diorite	dk gy	gy-gn	med				25%-60% pk-pa gy feld in chl; v hily mag, except@11.9-1213.2 where red posy hem'd or sy in BC+GC-posy a big boulder; locy bl'd; 1-2% epi locy conc as clots;competent-RQD=80; 3-5% leucoxene locy conc at min'd zones; hily cbd; spec hem locy; 1-2% q-ank vn's locy conc gen @30; 1% cse d py locy conc; min'd locy @15.0-15.1, 19.1-19.3 (str), 42.8-43.0 (str), 45.2-45.5, 53.1-53.8 (#11 vn), 62.1-62.2, 62.4; shrp nat trailing ct@46
BG10-95	62.40	66.30	QFP		Quartz Feldspar Porphyry	dk pur	pur-gy	med				non-magnetic, fresh; non cbd; rare 1/4" emerald gn xeno's; 30% qtz+10% feld pheno's barely visible; ser'd; 3% cse d py locy conc; indistinct shrp nat trailing ct@46; competent-RQD=90;

Hole_ID	From	To	Lith 1	Lith 2	Lithology Name	Colour1	Colour2	Grain Size 1	Grain Size 2	Text	Text	Description
BG10-95	66.30	90.00	13c		Diorite	dk gy	gy-gn	med				25%-60% pk-pa gy feld in chl; v hily mag except in leuco areas; locy bl'd; 2% epi locy conc as clots;competent-RQD=80; 3-5% leucoxene locy conc at min'd zones; hily cbd; spec hem locy; 1-2% q-ank vn's locy conc gen @30; 1% cse d py locy conc; min'd @ 66.25-66.35, 81.3-81.7, 82.6-82.8, 88.8
BG10-96	0.00	6.50	100		Casing							
BG10-96	6.50	13.25	13c		Diorite	dk gy	gy-gn	med				25%-60% pk-pa gy feld in chl; v hily mag; 1-2% epi locy conc as clots;competent-RQD=80; 3-5% leucoxene locy conc at min'd zones; hily cbd; spec hem locy; 1-2% q-ank vn's locy conc gen @30; 1% cse d py locy conc; min'd locy @11.0-11.4; shrp nat trailing ct@31
BG10-96	13.25	16.10	13e		Syenite	buff-br	pk-br	fine				not competent-RQD=10; not cbd; fresh; non mag; trailing ct flt; 2% cse d py; locy cu-cuprite; shrp nat trailing ct@42
BG10-96	16.10	24.40	13c		Diorite	dk gy	gy-gn	med				25%-60% pk-pa gy feld in chl; v hily mag except in leuco areas; locy bl'd; 3% epi locy conc as clots;competent-RQD=80; 3-5% leucoxene locy conc at min'd zones; hily cbd; spec hem locy; 1-2% q-ank vn's locy conc gen @30; 1% cse d py locy conc; shrp nat trailing ct@52
BG10-96	24.40	25.00	QFP		Quartz Feldspar Porphyry	dk pur	pur-gy	med				non-magnetic, fresh; non cbd; 30% qtz+10% feld pheno's barely visible; ser'd; 3% cse d py locy conc; competent-RQD=90;shrp nat trailing ct@60
BG10-96	25.00	65.00	13c		Diorite	dk gy	gy-gn	med				25%-60% pk-pa gy feld in chl; v hily mag except in leuco areas; locy bl'd; 3% epi locy conc as clots;competent-RQD=80 except@60.0-66.0=10; 3-5% leucoxene locy conc at min'd zones; hily cbd; spec hem locy; 1-2% q-ank vn's locy conc gen @30; 1% cse d py locy conc; min'd@27.8-27.9; BT @65.0 (by measure-block says 66.0)
BG10-97	0.00	10.00	100		Casing							
BG10-97	10.00	56.00	13c		Diorite	dk gy	gy-gn	med				25%-60% pk-pa gy feld in chl; v hily mag; 1-2% epi locy conc as clots;competent-RQD=80; 3-5% leucoxene locy conc at min'd zones; hily cbd; spec hem locy; 1-2% q-ank vn's locy conc gen @30; 1% cse d py locy conc; min'd @12.35-12.45, 13.3-13.5, 35.5-35.6, 36.4-36.5, 41.7-42.15 (#11 vn?); trailing ct in BC
BG10-97	56.00	58.35	QFP		Quartz Feldspar Porphyry	dk pur	pur-gy	med				non-magnetic, fresh; non cbd; 30% qtz+10% feld pheno's barely visible; ser'd; 3% cse d py locy conc; competent-RQD=50;shrp nat trailing ct@74
BG10-97	58.35	90.00	13c		Diorite	dk gy	gy-gn	med				25%-60% pk-pa gy feld in chl; v hily mag except in leuco areas; locy bl'd; 3% epi locy conc as clots;competent-RQD=80 except@99.0-eoh=40; 3-5% leucoxene locy conc at min'd zones; hily cbd; spec hem locy; 1-2% q-ank vn's locy conc gen @30; 1% cse d py locy conc; min'd@58.35-58.75,
BG10-98	0.00	5.80	100		Casing							
BG10-98	5.80	13.30	13c		Diorite	dk gy	gy-gn	med				25%-60% pk-pa gy feld in chl; v hily mag; 1-2% epi locy conc as clots;competent-RQD=80; 3-5% leucoxene locy conc at min'd zones; hily cbd; spec hem locy; 1-2% q-ank vn's locy conc gen @30; 1% cse d py locy conc; min'd locy @9.3-9.45; shrp nat trailing ct@50
BG10-98	13.30	15.00	13e		Syenite	buff-br	pk-br	fine				not competent-RQD=10; not cbd; fresh; non mag; trailing ct flt; 2% cse d py;shrp nat trailing ct@65
BG10-98	15.00	60.90	13c		Diorite	dk gy	gy-gn	med				25%-60% pk-pa gy feld in chl; v hily mag except in leuco areas; locy bl'd; 3% epi locy conc as clots;competent-RQD=80; 3-5% leucoxene locy conc at min'd zones; hily cbd; spec hem locy; 1-2% q-ank vn's locy conc gen @30; 1% cse d py locy conc; shrp nat trailing ct@72; min'd@16.5, 18.1-18.2, 51.7-52.65 (str-11 vn splay), 55.6-55.7
BG10-98	60.90	62.55	QFP		Quartz Feldspar Porphyry	dk pur	pur-gy	med				non-magnetic, fresh; non cbd; 30% qtz+10% feld pheno's barely visible; ser'd; 3% cse d py locy conc; competent-RQD=90;shrp nat trailing ct@55
BG10-98	62.55	111.00	13c		Diorite	dk gy	gy-gn	med				25%-60% pk-pa gy feld in chl; v hily mag except in leuco areas; locy bl'd; 3% epi locy conc as clots;competent-RQD=80 except@99.0-eoh=40; 3-5% leucoxene locy conc at min'd zones; hily cbd; spec hem locy; 1-2% q-ank vn's locy conc gen @30; 1% cse d py locy conc; min'd@71.9-72.3, 104.4
BG10-99	0.00	2.10			Casing							
BG10-99	2.10	13.87	13cbx		Diorite Breccia	med green	med grey green	aph	med			non-magnetic; perv mod chl alt'n + chl'd pheno's or fine clots; fine lavender leuc? flecs; <5% late vn'ing with dol+qtz; sharp irregular lower contact
BG10-99	13.87	14.56			Syenite	mauve	med green	aph	fine			non-magnetic; thin ser band at lower contact
BG10-99	14.56	24.60	13cbx		Diorite Breccia	med green	light ser green	aph	fine			15.2 to 22.6m Ductile - Brittle Shear Zone (mod to strong at 10 to 30 deg TCA), North Break?, mod to strong chl + ser alt'n with sections of sil+ser+qtz+dol vn'ing from 19.1 to 21.6m with narrow sections of py mineraliztion in frac's; probable sil or FP dykes from 15 to 15.4m and 21.3 to 21.5m; strong flt breccia at 16.3 to 16.6 at 15 deg TCA and 21.4 to 21.6m at 20 deg TCA; Fault at lower contact at 24.6m at 20 deg TCA with thin gouge
BG10-99	24.60	26.70	QFP		Quartz Feldspar Porphyry	mauve		aph	med			non-magnetic; pale white plagio pheno's; dull grey-white qtz xstals; moderatly fractured; strong flt at lower contact at 10 deg TCA

Hole_ID	From	To	Lith 1	Lith 2	Lithology Name	Colour1	Colour2	Grain Size 1	Grain Size 2	Text	Text	Description
BG10-99	26.70	37.40			Syenite	red-green	med grey	aph	fine			non-magnetic; variable colour and texture variations; probable diorite bx sections from 30.7 to 31.8m and 33.4 to 35.6m with weak ser+ weak hem spotting + chl; Syenite with red colour matrix with feldspars + sections with fine lime green biotite? or pyroxenes; brittle frac'ing with 5% late qtz+dol; 1% diss py; at 38m drill intersects underground drift - 2m opening - gap in core from 37.4 to 39.4m
BG10-99	37.40	39.40	150		Stope							
BG10-99	39.40	47.50	13cbx		Diorite Breccia	olive green	pale brown-orange-mauve	aph	fine			unit is difficult to classify; mod hard texture; breccia appearance in sections;mod to strongly sheared ductile to brittle at 45 to 65 deg TCA with numerous slips; strong pervasive sil+chl alt'n with sections speckled with 5-8% hem and other sections with pale brown possible ank-carb + weak ser alt'n, between 43.5 to 46m 10-15% qtz+dol vnlets and hydrothermal bx; trace py mineralization + minor cpy in qtz+dol+chl vnlets
BG10-99	47.50	54.10			Syenite	mauve		aph	fine			non-magnetic; fine aph matrix with pale lime green rhombs; 5-8% hem speckled throughout
BG10-99	54.10	67.40	13cbx		Diorite Breccia	olive green	pale brown-grey green	aph	fine			as with 38 to 47.5m, difficult unit to classify; strong perv chl+sil+weak ser alt'n+ pale brown carb? alt'n with 15to 35% qtz+dol vn'ing in various sections; strong shearing ductile +brittle at variable angles + numerous slips; **55.8 to 56.2m anastomosing fracturing with qtz+mo+finely diss py + fine visible gold specs at 56 to 56.1m, fracturing at 0 to 35 deg TCA adjacent to 50 75% qtz+dol v'ing+ser from 55.4 to 55.8m**;
BG10-99	67.40	69.50			Syenite	med grey		aph	fine			non-magnetic; blocky ground; mod frac'ing
BG10-99	69.50	80.00	13cbx		Diorite Breccia	med green	olive green	aph	med			as with 38 to 47.5m, difficult unit to classify; strong perv chl+sil+weak ser alt'n; blocky grnd RQD= 40 to 65% ; strong sil+carb+calcite from 69.5 to 71m with 1-2% diss py
BG10-100	0.00	2.00			Casing							
BG10-100	2.00	17.30			Diorite	dk green	med green	aph	med			non-magnetic; sections have weak fabric fol'n but localized; mod chl perv chl alt'n, weak perv carb alt'n +minor ser in frac's; 5-15% late white carb vn's; negl py mineralization confined to localized shear structures; definitve lower contact at 20 deg TCA
BG10-100	17.30	24.46			Syenite	med grey-green		aph	fine			non magnetic; chl pyroxenes; massive; <5% white carb vn's; 20.6 to 21.3m QFP irregular contacts numerous fine stress fractures; lower contact irregular
BG10-100	24.46	25.40	QFP		Quartz Feldspar Porphyry	pale white-grey		med	aph			plagio pheno's pale lime green; unit bx'd near lower contact
BG10-100	25.40	34.90	13cbx		Diorite Breccia	dk green	med green	aph	coarse			non-magnetic; perv weak to mod carb alt'n; mod chl alt'n; weak to mod frac'ing healed with carb+qtz; sub-rounded to sub angular bx with absorbed appearance; *from 27.93 to 29.6m 0 to 20 deg TCA carb+chl vn'ing 0.5 to 2 cm wide with 8-15% fg py* ;
BG10-100	34.90	35.24			Syenite	dk green		fine	aph			non-magnetic; 5% late white carb in veins; no visible mineralization; contacts at 35 and 550 deg TCA
BG10-100	35.24	46.05	13cbx		Diorite Breccia							non-magnetic; sub-rounded clasts; perv chl + spotty chl+minor epi; mineralization mostly spec hem + minor py confined to localized frac-veins at generally low angles 0 to 35 deg TCA with carb+calcite+chl; rubble with spec hem+py from 45.3 to 45.7m probable Flt
BG10-100	46.05	47.20			Syenite	brown-red		aph	fine			non magnetic; one low angle calcite+qtz vn at 0 deg TCA with spec hem
BG10-100	47.20	69.30			Feldspar Porphyry	med green grey	med grey	aph	med			non-magnetic; predominantly pale white vitreous plagio pheno's in a soft to med hard matrix due to perv chl+weak ser; strongly frac'd throughout with carb+calcite in veinlets<4mm wide; trace fg py confined to hairline frac's or occasionally in matrix; 51 to 51.2m mafic dyke?; sections with primary breccia of sub-rounded feldspar porphyry clasts due to differential cooling?; 68.8 to 69.3m a few frac's with mg py+chl+qtz+dol leading up to contact
BG10-100	69.30	73.45			Syenite	dk brown-red		aph	fine			non-magnetic; mod perv carb alt'n; definitve upper & lower contacts at 20-25 deg TCA; fine to mg diss py in syenite at both contacts<2% late vn'ing
BG10-100	73.45	80.00	13cbx		Diorite Breccia	med green		aph	coarse			non-magnetic; weak perv carb + chl + 10% late white carb+calcite vn'ing; 3-5% fg+mg py in frac's and in matrix from upper contact (73.45m) to 74.27m with frac's+vn's at 25 to 35 deg TCA
BG10-102	0.00	5.85	100		Casing							could be more but GC of por likely boulders
BG10-102	5.85	8.60	13cbx		Diorite Bx	gy	gn-gy	cse	med			10% bx frag's up to 0.1m in dio (could be tuff); resorbed ct's rounded; non magnetic; competent-RQD=80; non cbd; fg matrix feld+ 20% mafics -chl after horn?; shrp nat ct@42
BG10-102	8.60	10.50	13e		Syenite	br-red	pur-br	fine				homogeneous; competent-RQD=90; hily cbd; mody mag; 2% q-ank bl'd 1/8" vn's gen @65; shrp nat trailing ct@32
BG10-102	10.50	10.90	13cbx		Diorite Bx	gy	gn-gy	cse	med			10% bx frag's up to 0.1m in dio (could be tuff); resorbed ct's rounded; non magnetic; competent-RQD=80; non cbd; fg matrix feld+ 20% mafics -chl after horn?; shrp nat ct@45
BG10-102	10.90	11.50	13e		Syenite	br-red	pur-br	fine				homogeneous; competent-RQD=90; hily cbd; mody mag; 2% q-ank bl'd 1/8" vn's gen @65; shrp nat trailing ct@41
BG10-102	11.50	13.40	13cbx		Diorite Bx	gy	gn-gy	cse	med			10% bx frag's up to 0.1m in dio (could be tuff); resorbed ct's rounded; non magnetic; competent-RQD=80; non cbd; fg matrix feld+ 20% mafics -chl after horn?; shrp nat ct@24

Hole_ID	From	To	Lith 1	Lith 2	Lithology Name	Colour1	Colour2	Grain Size 1	Grain Size 2	Text	Text	Description
BG10-102	13.40	14.15	13e		Syenite	br-red	pur-br	fine				homogeneous; competent-RQD=90; hily cbd; mody mag; 2% q-ank bl'd 1/8" vn's gen @65; shrp nat trailing ct@32
BG10-102	14.15	16.80	13cbx		Diorite Bx	gy	gn-gy	cse	med			10% bx frag's up to 0.1m in dio (could be tuff); resorbed ct's rounded; non magnetic; competent-RQD=80; non cbd; fg matrix feld+ 20% mafics -chl after horn?; shrp nat ct@30
BG10-102	16.80	17.50	13e		Syenite	br-red	pur-br	fine				homogeneous; competent-RQD=90; hily cbd; mody mag; 2% q-ank bl'd 1/8" vn's gen @65; shrp nat trailing ct@25
BG10-102	17.50	18.30	13cbx		Diorite Bx	gy	gn-gy	cse	med			10% bx frag's up to 0.1m in dio (could be tuff); resorbed ct's rounded; non magnetic; competent-RQD=80; non cbd; fg matrix feld+ 20% mafics -chl after horn?; shrp nat ct@41
BG10-102	18.30	18.70	QFP		Quartz Feldspar Porphyry	red-br	pur-br	med				wy magnetic, hily cbd; 10% qtz+10% feld pheno's; no cse d py; rare dk gy xeno's to 1/4"; shrp nat trailing ct @24; not competent-RQD=20;
BG10-102	18.70	20.20	13cbx		Diorite Bx	gy	gn-gy	cse	med			10% bx frag's up to 0.1m in dio (could be tuff); resorbed ct's rounded; wy magnetic; not competent-RQD=30; non cbd; fg matrix feld+ 20% mafics -chl after horn?; trailing ct in BC
BG10-102	20.20	20.40	QFP		Quartz Feldspar Porphyry	red-br	pur-br	med				wy magnetic, hily cbd; 10% qtz+10% feld pheno's; no cse d py; rare dk gy xeno's to 1/4"; shrp nat trailing ct @32; not competent-RQD=30;
BG10-102	20.40	31.10	13cbx		Diorite Bx	gy	gn-gy	cse	med			10% bx frag's up to 0.1m in dio (could be tuff); resorbed ct's rounded; wy magnetic; not competent-RQD=30; non cbd; fg matrix feld+ 20% mafics -chl after horn?; shrp nat trailing ct@78
BG10-102	31.10	34.50	QFP		Quartz Feldspar Porphyry	red-br	pur-br	med				wy magnetic, hily cbd; 10% qtz+10% feld pheno's; no cse d py; rare dk gy xeno's to 1/4"; shrp nat trailing ct @70; competent-RQD=90;
BG10-102	34.50	37.15	13cbx		Diorite Bx	gy	gn-gy	cse	med			10% bx frag's up to 0.1m in dio (could be tuff); por units/frag's throughout; resorbed ct's rounded; wy magnetic; not competent-RQD=30; non cbd; fg matrix feld+ 20% mafics -chl after horn?; shrp nat trailing ct@57
BG10-102	37.15	40.30	QFP		Quartz Feldspar Porphyry	red-br	buff	med				non magnetic, hily cbd; 10% qtz+10% feld pheno's; 3% cse d py centred on str flt; shrp nat trailing ct @45; competent-RQD=60; mody-hily alt'd-locy hily bl'd; dio units/rafts
BG10-102	40.30	49.30	13cbx		Diorite Bx	gy	gn-gy	cse	med			4% bx frag's up to 0.1m in dio; resorbed ct's rounded; non-wy magnetic;5% q-ank vn's to 1/2" gen@70; competent-RQD=70; fresh; non cbd; fg matrix feld+ 20% mafics -chl after horn?; shrp nat trailing ct@68
BG10-102	49.30	52.75	QFP		Quartz Feldspar Porphyry	red-br	buff	med				non magnetic, hily cbd; 10% qtz+10% feld pheno's; 3% cse d py centred on str flt; shrp nat trailing ct @73; competent-RQD=90; mody-hily alt'd-
BG10-102	52.75	64.85	13cbx		Diorite Bx	gy	gn-gy	cse	med			10% bx frag's up to 0.1m in dio (could be tuff); resorbed ct's rounded; 5% q-ank vn's to 1/2" gen@70; wy magnetic; not competent-RQD=30; non cbd; fg matrix feld+ 20% mafics -chl after horn?; shrp nat trailing ct@65
BG10-102	64.85	65.85	QFP		Quartz Feldspar Porphyry	red-br	pur-br	med				wy magnetic, hily cbd; 10% qtz+10% feld pheno's; no cse d py; rare dk gy xeno's to 1/4"; fresh; shrp nat trailing ct @45; competent-RQD=90;
BG10-102	65.85	73.70	13cbx		Diorite Bx	gy	gn-gy	cse	med			10% bx frag's up to 0.1m in dio (could be tuff); resorbed ct's rounded; wy magnetic; not competent-RQD=30; non cbd; fg matrix feld+ 20% mafics -chl after horn?; shrp nat trailing ct@28
BG10-102	73.70	73.80	QFP		Quartz Feldspar Porphyry	red-br	pur-br	med				wy magnetic, hily cbd; 10% qtz+10% feld pheno's; no cse d py; rare dk gy xeno's to 1/4"; fresh; shrp nat trailing ct @28; competent-RQD=90;
BG10-102	73.80	78.85	13cbx		Diorite Bx	gy	gn-gy	cse	med			10% bx frag's up to 0.1m in dio (could be tuff); resorbed ct's rounded; wy magnetic- then extremely mag in aph dk gy chill zone?@76.5-81.0; not competent-RQD=30; non cbd; fg matrix feld+ 20% mafics -chl after horn?; trailing ct in BC
BG10-102	78.85	94.80	BP		Bimodal Porphyry	br-red	pur-buff	cse				fresh; competent-RQD=80 (except=10@78.85-82.0 where darker hue and mody mag-otherwise non mag); 10% 1/4"euhedral feld phenos+30%feld +10%qtz 1/8" phenos; <1% q-ank vn's to 1/8"@60 gen; hily cbd; fresh; 5% speck @ 81.0-82.0; locy hem'd mody; homogeneous; trailing ct in BC;
BG10-102	94.80	98.40	13c		Diorite	dk gy	gy-gn	med				25%-60% pk-pa gy feld in chl; v hily mag; 1-2% epi locy conc as clots;competent-RQD=50; hily cbd; spec hem locy; 1-2% q-ank vn's locy conc gen @30; 1% cse d py locy conc; trailing ct in BC
BG10-102	98.40	99.80	QFP		Quartz Feldspar Porphyry	red-br	pur-br	med				wy magnetic, hily cbd; 10% qtz+10% feld pheno's; no cse d py; rare dk gy xeno's to 1/4"; fresh; shrp nat trailing ct @47;not competent-RQD=30;
BG10-102	99.80	106.00	13c		Diorite	dk gy	gy-gn	med				25%-60% pk-pa gy feld in chl; v hily mag; 1-2% epi locy conc as clots;not competent-RQD=20; hily cbd; spec hem locy; 1-2% q-ank vn's locy conc gen @30; 1% cse d py locy conc; shrp nat trailing ct @73
BG10-102	106.00	106.55	QFP		Quartz Feldspar Porphyry	red-br	pur-br	med				wy magnetic, hily cbd; 10% qtz+10% feld pheno's; no cse d py; rare dk gy xeno's to 1/4"; fresh; shrp nat trailing ct @70;not competent-RQD=30;
BG10-102	106.55	111.50	5e		Lapilli Tuff	gy-pur	dk gy	med	fine			possible intrusive but looks like wacke or tuff-no bedding/jaspers; poorly sorted polylithic unit with a mix of qtz+ feld+mafic frag's;no carb alteration; 10% q-ank vn's to 1/4" as stockwork+ vn's@35; non mag; competent-RQD=80; 1-2 cse d py locy conc; shrp trailing ct @ 75; dk pur @109.7-111.5 is v hily mag imm prec by 0.1m 15% leuco@65

Hole_ID	From	To	Lith 1	Lith 2	Lithology Name	Colour1	Colour2	Grain Size 1	Grain Size 2	Text	Text	Description
BG10-102	111.50	113.10	QFP		Quartz Feldspar Porphyry	wt	buff	med				non magnetic, non cbd; 10% qtz+10% feld pheno's; shrp nat trailing ct @53; competent-RQD=100; hily alt'd- hily bl'd+ v hily sil'd-bone wt; 15% cse d py+ vn's; 0.2m 70% cse py vn@52 ends on myl w 30% f d py just before ct; all min'd
BG10-102	113.10	159.00	13c		Diorite	dk gy	gy-gn	med				25%-60% pk-pa gy feld in chl; v hily mag; 1-3% epi locy conc as clots;competent-RQD=50; hily cbd; spec hem locy; 1-2% q-ank vn's locy conc gen @30; 1% cse d py locy conc; trailing ct in BC
BG10-103	0.00	3.40	100		Casing							could be more but GC of por likely boulders
BG10-103	3.40	7.60	13cbx		Diorite Bx	gy	gn-gy	cse	med			10% bx frag's up to 0.1m in dio; resorbed ct's rounded; non magnetic; competent-RQD=80; non cbd; fg matrix feld+ 20% mafics -chl after horn?; shrp nat ct@26
BG10-103	7.60	8.35	QFP		Quartz Feldspar Porphyry	red-br	pur-br	med				non magnetic, hily cbd; 10% qtz+10% feld pheno's; no cse d py; rare dk gy xeno's to 1/4"; shrp nat trailing ct @46; competent-RQD=80;
BG10-103	8.35	11.50	13cbx		Diorite Bx	gy	gn-gy	cse	med			10% bx frag's up to 0.1m in dio; resorbed ct's rounded; non magnetic; competent-RQD=80; non cbd; fg matrix feld+ 20% mafics -chl after horn?; shrp nat ct@45
BG10-103	11.50	11.90	13e		Syenite	pur	pur-gy	fine				could be tuff; homogeneous; competent-RQD=90; hily cbd; non mag;shrp nat trailing ct@40
BG10-103	11.90	15.45	13cbx		Diorite Bx	gy	gn-gy	cse	med			10% bx frag's up to 0.1m in dio; resorbed ct's rounded; non magnetic; competent-RQD=80; non cbd; fg matrix feld+ 20% mafics -chl after horn?; 5% q-ank@30; shrp nat ct@45; wy-mody bl'd+ alt'd w chl-ser, wy sil'd
BG10-103	15.45	16.10	13e		Syenite	pur	pur-gy	fine				could be tuff; homogeneous; competent-RQD=90; hily cbd; non mag; 2% q-ank bl'd 1/8" vn's gen @30; shrp nat trailing ct@25
BG10-103	16.10	17.50	13cbx		Diorite Bx	gy	gn-gy	cse	med			10% bx frag's up to 0.1m in dio; resorbed ct's rounded; non magnetic; competent-RQD=80; non cbd; fg matrix feld+ 20% mafics -chl after horn?; shrp nat ct@20; 5% q-ank@30;
BG10-103	17.50	17.85	13e		Syenite	pur	pur-gy	fine				could be tuff; homogeneous; competent-RQD=90; hily cbd; mody mag; 2% q-ank bl'd 1/8" vn's gen @30; shrp nat trailing ct@42
BG10-103	17.85	18.80	13cbx		Diorite Bx	gy	gn-gy	cse	med			10% bx frag's up to 0.1m in dio ; resorbed ct's rounded; non magnetic; competent-RQD=80; non cbd; fg matrix feld+ 20% mafics -chl after horn?; shrp nat ct@15; 5% q-ank@50
BG10-103	18.80	19.90	QFP		Quartz Feldspar Porphyry	pk-buff	pk-br	med				non magnetic, hily cbd; 10% qtz+10% feld pheno's; 5% q-ank@75-ladders;hily sil'd+bl'd; shrp nat trailing ct @38; competent-RQD=80; well min'd@19.05-19.3
BG10-103	19.90	25.80	13cbx		Diorite Bx	gy	gn-gy	cse	med			10% bx frag's up to 0.1m in dio; resorbed ct's rounded; non magnetic;competent-RQD=70; non cbd; fg matrix feld+ 20% mafics -chl after horn?; shrp nat trailing ct @26; 2% q-ank gen@75; hily bl'd+ alt'd w chl-ser, wy sil'd; min'd@19.90-19.95, 25.65-25.75
BG10-103	25.80	26.45	13e		Syenite	pur	pur-gy	fine				could be tuff; homogeneous; competent-RQD=90; hily cbd; non mag; 2% q-ank bl'd 1/8" vn's gen @65; shrp nat trailing ct@24
BG10-103	26.45	39.10	13cbx		Diorite Bx	gy	gn-gy	cse	med			10% bx frag's up to 0.1m in dio; resorbed ct's rounded; non magnetic-except hily mag+darker gy @38.0-39.1; competent-RQD=70; non cbd; fg matrix feld+ 20% mafics -chl after horn?; shrp nat trailing ct@54; ox'd shr's/vn's@27.2-31.0
BG10-103	39.10	41.95	5f		Ash Tuff	pur	pur-gy	med	fine			no bedding/jaspers; not cbd; non mag; competent-RQD=80; 3% cse d py locy conc; trailing ct is indistinct; ser'd; 20% ank frag's; shr'd; could be alt'd dio bx, or fel sy;
BG10-103	41.95	48.30	13cbx		Diorite Bx	gy	gn-gy	cse	med			10% bx frag's up to 0.1m in dio ; resorbed ct's rounded; non magnetic; not competent-RQD=30; non cbd; fg matrix feld+ 20% mafics -chl after horn?; shrp nat trailing ct@42
BG10-103	48.30	48.70	13e		Syenite	pur	pur-gy	fine				could be tuff; homogeneous; competent-RQD=90; hily cbd; non mag; 2% q-ank bl'd 1/8" vn's gen @65; shrp nat trailing ct@35
BG10-103	48.70	61.65	13cbx		Diorite Bx	gy	gn-gy	cse	med			4% bx frag's up to 0.1m in dio; resorbed ct's rounded; non magnetic; 5% q-ank vn's to 1/2" gen@40; competent-RQD=70; non cbd; fg matrix feld+ 20% mafics -chl after horn?; shrp nat trailing ct@65
BG10-103	61.65	64.70	QFP		Quartz Feldspar Porphyry	red-br	buff	med				non magnetic, hily cbd; 10% qtz+10% feld pheno's; shrp nat trailing ct @30; competent-RQD=90;
BG10-103	64.70	68.80	13cbx		Diorite Bx	gy	gn-gy	cse	med			10% bx frag's up to 0.1m in dio ; resorbed ct's rounded; non magnetic; competent-RQD=50; non cbd; fg matrix feld+ 20% mafics -chl after horn?; trailing ct in BC
BG10-103	68.80	70.50	QFP		Quartz Feldspar Porphyry	red-br	pur-br	med				wy magnetic, hily cbd; 10% qtz+10% feld pheno's; no cse d py; rare dk gy xeno's to 1/4"; fresh; trailing ct in BC; competent-RQD=60;
BG10-103	70.50	74.60	13c		Diorite Bx	gy	gn-gy	cse	med			10% bx frag's up to 0.1m in dio; resorbed ct's rounded; non magnetic; not competent-RQD=40; hily cbd; fg matrix feld+ 20% mafics -chl after horn?; shrp nat trailing ct@55
BG10-103	74.60	86.00	13e		Syenite	gy-red	dk gy	fine				could be hem'd dio; homogeneous; competent-RQD=60; hily cbd; hily mag; 2% q-ank bl'd 1/8" vn's gen @65; trailing ct indistinct
BG10-103	86.00	90.30	13cbx		Diorite Bx	gy	gn-gy	cse	med			10% bx frag's up to 0.1m in dio ; resorbed ct's rounded; hily magnetic; not competent-RQD=50; non cbd; fg matrix feld+ 20% mafics -chl after horn?; shrp nat trailing ct@55; por bx w 50% frag's@88.5-90.3

Hole_ID	From	To	Lith 1	Lith 2	Lithology Name	Colour1	Colour2	Grain Size 1	Grain Size 2	Text	Text	Description
BG10-103	90.30	93.20	QFP		Quartz Feldspar Porphyry	red-br	pur-br	med				non magnetic, hily cbd; 10% qtz+10% feld pheno's; no cse d py; rare dk gy xeno's to 1/4"; fresh;shrp nat trailing ct @40; competent-RQD=70;
BG10-103	93.20	97.00	13c		Diorite	dk gy	gy-gn	med				25%-60% pk-pa gy feld in chl; locy mody mag; 1-2% epi locy conc as clots;competent-RQD=50; hily cbd; spec hem locy; 1-2% q-ank vn's locy conc gen @30; 1% cse d py locy conc; shrp nat trailing ct @37
BG10-103	97.00	97.30	QFP		Quartz Feldspar Porphyry	red-br	pur-br	med				wy magnetic, hily cbd; 10% qtz+10% feld pheno's; no cse d py; rare dk gy xeno's to 1/4"; fresh; shrp nat trailing ct @66;competent-RQD=80;
BG10-103	97.30	104.30	13c		Diorite	dk gy	gy-gn	med				25%-60% pk-pa gy feld in chl; mody mag; no epi;competent-RQD=60; hily cbd; spec hem locy; 1-2% q-ank vn's locy conc gen @30+75; 1% cse d py locy conc; shrp nat trailing ct @75; locy por frag's
BG10-103	104.30	109.95	QFP		Quartz Feldspar Porphyry	red-br	pur-br	med				wy magnetic, hily cbd; 10% qtz+10% feld pheno's; no cse d py; rare dk gy xeno's to 1/4"; fresh; trailing ct is flt; competent-RQD=60; dio inlier@107.1-107.7@73
BG10-103	109.95	118.40	BP		Bimodal Porphyry	br-red	pur-buff	cse				fresh; competent-RQD=80; 10% 1/4"euhedral feld phenos+30%feld +10%qtz 1/8" phenos; <1% q-ank vn's to 1/8"@30 gen; hily cbd; fresh; locy hem'd mody; homogeneous; trailing ct is flt
BG10-103	118.40	136.80	QFP		Quartz Feldspar Porphyry	red-br	pur-br	med				mody-hily magnetic, hily cbd; 10% qtz+10% feld pheno's; no cse d py; 1% dk gy xeno's to 1/4"; fresh; trailing ct in BC; not competent-RQD=10; dio bx'd through 128.0-132.5 w 30% dio; min'd@135.0-135.2; 2% spec hem throughout
BG10-103	136.80	146.95	13c		Diorite	dk gy	gy-gn	med				25%-60% pk-pa gy feld in chl; v hily-wy mag; 1-3% epi locy conc as clots;competent-RQD=50; hily cbd; spec hem locy; 1-2% q-ank vn's locy conc gen @30; 1% cse d py locy conc; shrp nat trailing ct @45
BG10-103	146.95	151.60	QFP		Quartz Feldspar Porphyry	red-br	pur-br	med				non magnetic, hily cbd; 10% qtz+10% feld pheno's; no cse d py; 1% dk gy xeno's to 0.1m; fresh; shrp nat trailing ct @45; competent-RQD=60; dio inlier @149.55-150.4@45;
BG10-103	151.60	176.00	13c		Diorite	dk gy	gy-gn	med				25%-60% pk-pa gy feld in chl; v hily mag; 5% leuco locy conc;competent-RQD=90; hily cbd; 1-2% q-ank vn's locy conc gen @60; 1% cse d py locy conc; min'd@153.0-153.1, 159.9-160.55 (strong), 162.5-162.65, 174.45-175.6; gabbroic texture; EOH@176?-no block
BG10-104	0.00	2.50	100		Casing							could be more but GC of por likely boulders
BG10-104	2.50	11.25	13cbx		Diorite Bx	gy	gn-gy	cse	med			10% bx frag's up to 0.1m in dio; resorbed ct's rounded; non magnetic; competent-RQD=80; non cbd; fg matrix feld+ 20% mafics -chl after horn?; shrp nat ct@32
BG10-104	11.25	15.50	13e		Syenite	pur	pur-br	fine				homogeneous; could be tuff; 10% wt feld; competent-RQD=90; hily cbd; non mag; 2% q-ank bl'd 1/8" vn's gen @75; trailing ct in GC
BG10-104	15.50	70.90	13cbx		Diorite Bx	gy	gn-gy	cse	med			10% bx frag's up to 0.1m in dio (could be tuff); resorbed ct's rounded; non magnetic; competent-RQD=80; non cbd; fg matrix feld+ 20% mafics -chl after horn?; shrp nat trailing ct@44; 2% epi locy conc after 56.0; min'd @15.6-15.8; 2% q-ank gen @30+65; hily-mody mag fine grained dk gy @61.8-64.15 w shrp ct @54 + grad ct
BG10-104	70.90	71.20	13e		Syenite	pur	pur-br	fine				homogeneous; not competent-RQD=10; hily cbd; non mag; trailing ct in BC
BG10-104	71.20	72.55	13cbx		Diorite Bx	gy	gn-gy	cse	med			10% bx frag's up to 0.1m in dio; resorbed ct's rounded; non magnetic; not competent-RQD=20; non cbd; fg matrix feld+ 20% mafics -chl after horn?; shrp nat trailing ct@28; 2% epi locy conc ;
BG10-104	72.55	74.00	13e		Syenite	pur	pur-br	fine				homogeneous; not competent-RQD=30; hily cbd; non mag; 5-10% cse d py; wy sil'd; trailing ct in BC
BG10-104	74.00	78.50	13c		Diorite	dk gy	gy-gn	med				dk gy-blk; almost aph; v hily mag; 3% epi locy conc as clots;not competent-RQD=30; shrp nat trailing ct @48
BG10-104	78.50	85.90	QFP		Quartz Feldspar Porphyry	red-br	pur-br	med				non magnetic, hily cbd; 10% qtz+10% feld pheno's; no cse d py; rare dk gy xeno's to 1/4"; fresh; trailing ct in BC;not competent-RQD=30;
BG10-104	85.90	105.60	13cbx		Diorite Bx	gy	gn-gy	cse	med			10% bx frag's up to 0.1m in dio; resorbed ct's rounded; non magnetic- then wy mag where darker gy+ fg after 101.0; competent-RQD=60; non cbd; fg matrix feld+ 20% mafics -chl after horn?; shrp nat trailing ct@82; 2% epi locy conc ;
BG10-104	105.60	108.70	QFP		Quartz Feldspar Porphyry	red-br	pur-br	med				wy-mody magnetic, hily cbd; 10% qtz+10% feld pheno's; no cse d py; 5% spec hem; rare dk gy xeno's to 1/4"; fresh; shrp nat trailing ct@46;not competent-RQD=50;
BG10-104	108.70	111.70	13c		Diorite	dk gy	gy-gn	med				dk gy-blk; almost aph; v hily mag; no epi;not competent-RQD=50; shrp nat trailing ct @43
BG10-104	111.70	118.30	BP		Bimodal Porphyry	br-red	pur-buff	cse				fresh; competent-RQD=70; 10% 1/4"euhedral feld phenos+30%feld +10%qtz 1/8" phenos; <1% q-ank vn's to 1/8"@30 gen; hily cbd; fresh; locy hem'd mody; homogeneous; trailing ct in BC;
BG10-104	118.30	121.40	QFP		Quartz Feldspar Porphyry	red-br	pur-br	med				wy magnetic, hily cbd; 10% qtz+10% feld pheno's; no cse d py; 5% spec hem; 1%k gy xeno's to 1/4"; fresh; trailing ct in BC; not competent-RQD=10;
BG10-104	121.40	126.50	13c		Diorite	dk gy	gy-gn	med				dk gy-blk; almost aph; mody mag; no epi;not competent-RQD=10; trailing ct in BC;
BG10-104	126.50	127.90	QFP		Quartz Feldspar Porphyry	red-br	pur-br	med				wy magnetic, hily cbd; 10% qtz+10% feld pheno's; no cse d py; 5% spec hem; 1%k gy xeno's to 1/4"; fresh; trailing ct in BC; not competent-RQD=10;

Hole_ID	From	To	Lith 1	Lith 2	Lithology Name	Colour1	Colour2	Grain Size 1	Grain Size 2	Text	Text	Description
BG10-104	127.90	132.95	13c		Diorite	dk gy	gy-gn	med				dk gy-blk; almost aph; mody mag; no epi;not competent-RQD=10; shrp nat trailing ct @50; hily alt'd locy-centred on posy syen frags; min'd @131.0-131.1, 131.5-131.7
BG10-104	132.95	144.60	13e		Syenite	pk-buff	buff-br	fine				competent-RQD=90; hily alt'd- 10-15% cse d + vn py in bone wt-wy hem'd pk hily fract'd w chl, hily sil'd+ bl'd; fresher @140.3-132.95; non cbd; non mag; shrp nat trailing ct@53; min'd @132.95-140.3
BG10-104	144.60	146.05			Intermediate Dyke	buff	pa gn-y	fine				10% dk gn chlc pheno's?+ 30% qtz phenos? in pa olive-y gn; non mag; competent-RQD=90; non cbd; shrp nat trailing ct@45; posy 0.5m sy inlier-hem'd
BG10-104	146.05	150.80	13e		Syenite	pk-buff	buff-br	fine				competent-RQD=90; hily alt'd- 10% cse d + vn py in wy hem'd pk hily fract'd w chl, hily sil'd+ bl'd; non cbd; non mag; shrp nat trailing ct@52; min'd @146.05-146.1, 147.2-148.8, 150.25-150.8
BG10-104	150.80	200.00	13c		Diorite	dk gy	gy-gn	med				dk gy-blk; almost aph; hily mag; 2% epi-locy conc; spec hem locy conc;competent-RQD=70;
BG10-105	0.00	2.90			Casing							
BG10-105	2.90	10.20	13cbx		Diorite Breccia	med grey green	med green	fine	coarse			non-magnetic; wk chl alt'n of clasts or pheno's; subrounded clasts; 5% qtz+dol in late frac's; 6.7 to 7.5m flt-slip at 5-10 deg TCA with adjacent 35-40% qtz+dol+chl no visible py; sharp & definitive lower contact at 30 deg TCA
BG10-105	10.20	10.70			Syenite	mauve		fine	med			non-magnetic; dk green augites with fabric fol'n; 10-15% late qtz+dol veining
BG10-105	10.70	16.85	13cbx		Diorite Breccia	med grey green	med green	fine	coarse			non-magnetic; wk chl alt'n of clasts or pheno's; subrounded clasts; 5% qtz+dol in late frac's; multiple flt slips from 16.2 to 16.7m at 20 deg TCA with qtz+dol+chl; lower contact iregular at 65 to 70 deg TCA
BG10-105	16.85	17.90			Syenite	mauve	med green	fine	med			as with 10.2 to 10.7m with multiple slips from 17.2 to 17.6 at 15 and 50 deg TCA with qtz+dol vn'ing; lower contact at 15 deg TCA
BG10-105	17.90	22.70	13cbx		Diorite Breccia	med grey green	med green	fine	coarse			non-magnetic; weak chl alt'n and weak ser alt'n in minute wispy discontinuous frac's; **from 19 to 22.2m Py + Frac+ Blue Qtz Vn Zone most intense from 20.4 to 22.2m with 5-10% mg to fg diss py + qtz+dol+blue vn'ing** ; lower contact at 35 deg TCA with two parallel qtz+dol vn's 1cm wide each at 35 deg TCA
BG10-105	22.70	26.50			Syenite	mauve		aph	fine			non-magnetic; frac'd at 15 to 20 deg TCA; <5% qtz +dol vn'ing
BG10-105	26.50	29.50	13cbx		Diorite Breccia	med grey green	med green	fine	coarse			non-magnetic; qtz+carb in tension frac's 25 to 55 deg TCA - alt'n is different than previous units; flt at 28m at 70 deg TCA
BG10-105	29.50	32.20			Syenite	mauve		aph	fine			non-magnetic; 29.8 to 30.25m diorite; <2% late qtz+dol vnlets
BG10-105	32.20	50.00	13cbx		Diorite Breccia	med grey green	med green	fine	coarse			non-magnetic; weak to mod frac'ing throughout with 5-10% qtz+carb vn'ing;moderate perv chl alt'n; localized shear at 36 to 36.1m; 44.7 to 45.5m moderate ductile shear at 50 to 65 deg TCA, with a flt at 45.5m at 50 deg TCA; occasional py in frac's-slips with qtz+carb+dol+chl
BG11-106	0.00	11.60	100		Casing							
BG11-106	11.60	54.75	QFP		Quartz Feldspar Porphyry	lg grn	pink	medium				Non mag; 30% 0.2-0.5 glassy to greenish qtz phenos + 20% <0.2 cm yellow to green felds phenos; 1% qtz-ank vns @35-40 ass w cse py, some w moly; 1-2% fn to mg diss py; Competent - RDQ=80; bleach'd at top, becoming more hem'd (mn spec hem) + chl'd downhole giving rd/gn colour; near contact RDQ=70, sharp flt contact @30-40; Min'd zones: 21.15-21.20, 31.6-31.70, 39.15-39.30, 44.48-44.57, 45, 48.3-48.32;
BG11-106	54.75	60.00	13c		Diorite							Non mag + 20% leux in min'd zones; 3% mg to cse diss py + multiple 2-10 cm zones w >90% cse py; hly chl'd w multiple bull 0.5-10 cm wt to pink qtz-ank vns @20-30; RDQ= 90 (until stope RDQ=20) Min'd zones: 58.85-59.05, 59.6; [EOH premature due to hiting stope @60 m, damaged drill]
BG11-106	60.00	63.00	150		Stope							EOH
BG11-107	0.00	16.60	100		Casing							
BG11-107	16.60	27.70	QFP		Quartz Feldspar Porphyry	pa gy-wt		medium				same unit as @ Boundary Zone but without typical 1-3% cse d py; non mag; 30% anhedral 1/8"glassy-gnish qtz phenos; non cbd; homogeneous except for min'd zones where wy hem'd+ w chl fract's w py; rare q-ank vn's to 1/2" gen @40-60 (pink); shrp flt trailing ct@45; sil'd pervasively; competent-RQD=90
BG11-107	27.70	37.60	BP		Bimodal Porphyry	gy-bk	gn-gy	Cse				fresh; competent-RQD=90; 10% 1/4"euhedral feld phenos+30%feld +10%qtz 1/8" phenos; <1% q-ank vn's to 1/8"@45 gen; hily cbd; fresh; locy hem'd mody; homogeneous; shrp nat trailing ct @75;
BG11-107	37.60	41.80	QFP		Quartz Feldspar Porphyry	pa gy-wt		medium				same unit as @ Boundary Zone but without typical 1-3% cse d py; bl'd- much more alt'd then previous unit; non mag; 30% anhedral 1/8"glassy-gnish qtz phenos; non cbd; homogeneous except for min'd zones where wy hem'd+ w chl fract's w py; rare q-ank vn's to 1/2" gen @40-60 (pink); shrp flt trailing ct@45; sil'd pervasively; not competent-RQD=20; min'd@37.55-38.5,40.7-42.1

Hole_ID	From	To	Lith 1	Lith 2	Lithology Name	Colour1	Colour2	Grain Size 1	Grain Size 2	Text	Text	Description
BG11-107	41.80	65.30	13c		Diorite	dk gy	gy-gn	med				25%-60% pk-pa gy feld in chl; hily mag except in min'd leuco zones; 3% epi locy conc as clots;competent-RQD=50 except=20@44.5-47.0; 3-5% leucoxene locy conc at min'd zones; hily cbd; spec hem locy; <1% q-ank vn's locy conc gen @50; 1% cse d py locy conc; min'd @68.9-69.0 (LOST HOLE thereafter); **STOPE@65.3-68.4** (blocks say "2'3" void", "66", "6' void" but measurements from blocks at 63 and 69 give 65.3-68.4)
BG11-107	65.30	68.40	150		Stope							
BG11-107	68.40	69.00	13c		Diorite							EOH; see sample remarks
BG11-108	0.00	22.65	100		Casing							
BG11-108	22.65	27.40	13cbx		Diorite Bx	gn	gn-gy	cse	med			10% bx frag's up to 0.1m in dio; resorbed ct's rounded; non magnetic; competent-RQD=80; non cbd; fg matrix feld+ 20% mafics -chl after horn?; shrp nat trailing ct@75; min'd@25.6 (1")
BG11-108	27.40	42.00	13c		Diorite	dk gy	gy-gn	med				25%-60% pk-pa gy feld in chl; hily mag except in min'd leuco zones; 3% epi locy conc as clots;competent-RQD=70; 3-5% leucoxene locy conc at min'd zones; hily cbd; spec hem locy; 1-2% q-ank vn's locy conc gen @60; 1% cse d py locy conc; min'd @29.0-29.1, 30.75, 31.35, 35.5; "2" void" @31.35; STOPE@42-"19' opening";
BG11-108	42.00	45.00	150		Stope							EOH
BG11-109	0.00	28.50	100		Casing							
BG11-109	28.50	42.00	13c		Diorite	dk gy	gy-gn	med				25%-60% pk-pa gy feld in chl; hily mag except in min'd leuco zones; 3% epi locy conc as clots;competent-RQD=70; 3-5% leucoxene locy conc at min'd zones; hily cbd; spec hem locy; 1-2% q-ank vn's locy conc gen @30-45; 1% cse d py locy conc; min'd @35.6-35.9, 37.2-37.4; STOPE@42-45; shrp nat trailing ct@72
BG11-109	42.00	45.00	150		Stope							
BG11-109	45.00	48.10	13c		Diorite	dk gy	gy-gn	med				
BG11-109	48.10	57.05	BP		Bimodal Porphyry	gy	br	cse				fresh; competent-RQD=55; 10% 1/4"euhedral feld+30% subh feld phenos+10%qtz 1/8" phenos; hily cbd; homogeneous; shrp nat trailing ct @40
BG11-109	57.05	156.00	13c		Diorite	dk gy	gy-gn	med				25%-60% pk-pa gy feld in chl; hily mag except in min'd leuco zones; 3% epi locy conc as clots;competent-RQD=70; 3-5% leucoxene locy conc at min'd zones; hily cbd; spec hem locy; 1-2% q-ank vn's locy conc gen @65; 1% cse d py locy conc; min'd @67.4-67.6, 69.3-69.4, 71.7-72.2, 76.5-77.0, 77.9-80.0, 87.4-87.7, 95.7-95.8, 101.9-105.4 (strong-Main), 122.9-123.1, 126.2-126.6; py+alt'n ends @130.0- then decrease in epi to 1%+fresh dk gy hily mag dio
BG11-110	0.00	22.10	100		Casing							
BG11-110	22.10	56.30	13c		Diorite	dk gy	gy-gn	med				25%-60% pk-pa gy feld in chl; hily mag except in min'd leuco zones; 3% epi locy conc as clots;competent-RQD=70; 3-5% leucoxene locy conc at min'd zones; hily cbd; spec hem locy; 1-2% q-ank vn's locy conc gen @45-50; 1% cse d py locy conc; min'd @25.5-25.8, 27.0, 27.2-27.4, 28.4, 37.8-38.1, 44.2-44.5; shrp trailing ct@45 is flt
BG11-110	56.30	62.65	BP		Bimodal Porphyry	gy	br	cse				fresh; competent-RQD=70; 10% 1/4"euhedral feld+30% subh feld phenos+10%qtz 1/8" phenos; <1% q-ank vn's to 1/8"@50 gen; hily cbd; homogeneous; shrp nat trailing ct @50
BG11-110	62.65	228.60	13c		Diorite	dk gy	gy-gn	med				25%-60% pk-pa gy feld in chl; hily mag except in min'd leuco zones; 3% epi locy conc as clots;competent-RQD=70; 3-5% leucoxene locy conc at min'd zones; hily cbd; spec hem locy; 1-2% q-ank vn's locy conc gen @45-50; 1% cse d py locy conc; becomes gabbroic in texture @194.0-216.5, then dk gn, locy non mag (non mag @ 223.0-236.0) aph w 5% carb-qtz vn's@45; min'd @63.1-63.25, 64.3-64.8, 66.3-66.5, 74.86-75.05, 95.9-96.1, 102.0-103.3, 109.0-109.2, 109.5-109.7, 115.0-115.1, 121.0-121.1, 128.8-130.8, 148.3-149.5, 156.5-156.6, 158.4-158.6, 159.0-159.1, 162.1-162.3, 163.1-163.3, 166.6-167.5, 183.1-185.7, 203.6-203.7; shrp trailing ct@
BG11-110	228.60	236.00	QFP		Quartz Feldspar Porphyry	br	buff	medium				non mag; 30% anhedral 1/8"glassy-gnish qtz phenos+30% feld phenos; non cbd; 1% q-ank @60-70; competent-RQD=90; hily bl'd freshens downhole; min'd@229.0-229.4-posy a separate por unit-all hem'd brick red
BG11-111	0.00	26.00	100		Casing							
BG11-111	26.00	37.40	13c		Diorite	dk gy	gy-gn	med				25%-60% pk-pa gy feld in chl; hily mag except in min'd leuco zones; 3% epi locy conc as clots;competent-RQD=70; 3-5% leucoxene locy conc at min'd zones; hily cbd; spec hem locy; 1-2% q-ank vn's locy conc gen @50-60; 1% cse d py locy conc; min'd @27.3-27.4, 32.5-32.6, 33.7-34.0, 44.8-45.3; shrp nat trailing ct@45; **opening @37.4-39.1**
BG11-111	37.40	39.10	150		Stope							
BG11-111	39.10	47.10	13c		Diorite	dk gy	gy-gn	med				
BG11-111	47.10	54.40	BP		Bimodal Porphyry	gy	br	cse				fresh; competent-RQD=70; 10% 1/4"euhedral feld+30% subh feld phenos+10%qtz 1/8" phenos; <1% q-ank vn's to 1/8"@50 gen; hily cbd; homogeneous; trailing ct indistinct;

Hole_ID	From	To	Lith 1	Lith 2	Lithology Name	Colour1	Colour2	Grain Size 1	Grain Size 2	Text	Text	Description
BG11-111	54.40	69.40	13c		Diorite	dk gy	gy-gn	med				25%-60% pk-pa gy feld in chl; hily mag except in min'd leuco zones; 3% epi locy conc as clots;competent-RQD=70; 3-5% leucoxene locy conc at min'd zones; hily cbd; spec hem locy; 1-2% q-ank vn's locy conc gen @50-60; 1% cse d py locy conc; min'd @56.9-57.2, 57.4-57.6, 61.4-62.2; shrp nat trailing ct@50
BG11-111	69.40	72.60	BP		Bimodal Porphyry	gy	br	cse				fresh; competent-RQD=70; 10% 1/4"euhedral feld+30% subh feld phenos+10%qtz 1/8" phenos; <1% q-ank vn's to 1/8"@50 gen; hily cbd; homogeneous; trailing ct indistinct;
BG11-111	72.60	120.00	13c		Diorite	dk gy	gy-gn	med				25%-60% pk-pa gy feld in chl; hily mag except in min'd leuco zones; 3% epi locy conc as clots;competent-RQD=70; 3-5% leucoxene locy conc at min'd zones; hily cbd; spec hem locy; 1-2% q-ank vn's locy conc gen @50-60; 1% cse d py locy conc; min'd @72.8-73.2, 75.0-75.3, 76.5-76.8, 77.5-81.3, 82.6-84.6, 86.0-86.3, 87.3-87.6, 92.5-93.0, 97.2-97.4, 99.4-99.7, 100.3-100.4, 101.9-102.0, 102.9-103.1, 105.8, 110.8-111.0;
BG11-112	0.00	20.05	100		Casing							
BG11-112	20.05	21.50	13cbx		Diorite Bx	gn	gn-gy	cse	med			10% bx frag's up to 0.1m in dio; resorbed ct's rounded; non magnetic; competent-RQD=60; non cbd; fg matrix feld+ 20% mafics -chl after horn?; trailing ct in BC-all could be boulder material.
BG11-112	21.50	47.00	13c		Diorite	dk gy	gy-gn	med				25%-60% pk-pa gy feld in chl; hily mag except in min'd leuco zones; 3% epi locy conc as clots;competent-RQD=70; 3-5% leucoxene locy conc at min'd zones; hily cbd; spec hem locy; 1-2% q-ank vn's locy conc gen @35; 1% cse d py locy conc; min'd @23.8-23.9, 24.3, 26.3-26.5, 41.2-41.3; STOPE@47-at least 3.3m;
BG11-112	47.00	50.00	150		Stope							EOH
BG11-112A	0.00	20.80	100		Casing							
BG11-112A	20.80	48.70	13c		Diorite	dk gy	gy-gn	med				25%-60% pk-pa gy feld in chl; hily mag except in min'd leuco zones; 3% epi locy conc as clots;competent-RQD=70; 3-5% leucoxene locy conc at min'd zones; hily cbd; spec hem locy; 1-2% q-ank vn's locy conc gen @35; 1% cse d py locy conc; min'd @; STOPE@48.7-at least 3.3m;
BG11-112A	48.70	52.00	150		Stope							EOH
BG11-113	0.00	18.60	100		Casing							
BG11-113	18.60	35.05	13c		Diorite	dk gy	gy-gn	med				25%-60% pk-pa gy feld in chl; hily mag except in min'd leuco zones; 3% epi locy conc as clots;competent-RQD=70; 3-5% leucoxene locy conc at min'd zones; hily cbd; spec hem locy; 1-2% q-ank vn's locy conc gen @50; 1% cse d py locy conc; min'd @18.6-19.6 (20 VN?), 20.7, 21.5-21.6, 26.5, 28.8-30.1, 32.5, 33.8-33.9; shrp nat trailing ct@55
BG11-113	35.05	45.75	BP		Bimodal Porphyry	gy	br	cse				fresh; competent-RQD=60; 10% 1/4"euhedral feld+30% subh feld phenos+10%qtz 1/8" phenos; <1% q-ank vn's to 1/8"@50 gen; hily cbd; homogeneous; shrp nat trailing ct @55
BG11-113	45.75	81.00	13c		Diorite	dk gy	gy-gn	med				25%-60% pk-pa gy feld in chl; hily mag except in min'd leuco zones; 3% epi locy conc as clots;competent-RQD=60; 3-5% leucoxene locy conc at min'd zones; hily cbd; spec hem locy; 1-2% q-ank vn's locy conc gen @35; 1% cse d py locy conc; min'd @49.5-50.6; 60.7-60.9, 67.7-67.8, 69.7-69.8
BG11-113A	0.00	12.60	100		Casing							
BG11-113A	12.60	35.90	13c		Diorite	dk gy	gy-gn	med				25%-60% pk-pa gy feld in chl; hily mag except in min'd leuco zones; 3% epi locy conc as clots+vn's;competent-RQD=60; 3-5% leucoxene locy conc at min'd zones; hily cbd; spec hem locy; 1% cse d py locy conc; min'd @20.4-20.6 (20 VN?), 27.9-28.1, 29.0-29.2 (20 VN?), ; shrp nat trailing ct@50
BG11-113A	35.90	44.00	BP		Bimodal Porphyry	gy	br	cse				fresh; competent-RQD=80; 10% 1/4"euhedral feld+30% subh feld phenos+10%qtz 1/8" phenos; <1% q-ank vn's to 1/8"@70 gen; hily cbd; homogeneous; shrp nat trailing ct @46
BG11-113A	44.00	50.65	13c		Diorite	dk gy	gy-gn	med				25%-60% pk-pa gy feld in chl; hily mag except in min'd leuco zones; 3% epi locy conc as clots;competent-RQD=70; 3-5% leucoxene locy conc at min'd zones; hily cbd; spec hem locy; 1-2% q-ank vn's locy conc gen @30; 1% cse d py locy conc; min'd @; shrp nat trailing ct@45
BG11-113A	50.65	54.90	BP		Bimodal Porphyry	gy	br	cse				fresh; competent-RQD=80; 10% 1/4"euhedral feld+30% subh feld phenos+10%qtz 1/8" phenos; hily cbd; inliers of dio @52.5-52.7, 53.2-53.5; homogeneous; shrp nat trailing ct @35
BG11-113A	54.90	72.00	13c		Diorite	dk gy	gy-gn	med				25%-60% pk-pa gy feld in chl; hily mag except in min'd leuco zones; 3% epi locy conc as clots;competent-RQD=70; 3-5% leucoxene locy conc at min'd zones; hily cbd; spec hem locy; 1-2% q-ank vn's locy conc gen @30; 1% cse d py locy conc; min'd @54.9-55.1, 57.0-57.2, 63.4-63.5
BG11-114	0.00	18.20	100		Casing							
BG11-114	18.20	22.30	13c		Diorite	dk gy	gy-gn	med				25%-60% pk-pa gy feld in chl; hily mag except in min'd leuco zones; 3% epi locy conc as clots+vn's;competent-RQD=50; 3-5% leucoxene locy conc at min'd zones; hily cbd; spec hem locy; 1% cse d py locy conc; min'd @19.0-19.4, 21.8-22.0, ; shrp nat trailing ct@40

Hole_ID	From	To	Lith 1	Lith 2	Lithology Name	Colour1	Colour2	Grain Size 1	Grain Size 2	Text	Text	Description
BG11-114	22.30	25.70	BP		Bimodal Porphyry	gy	br	cse				fresh; competent-RQD=50; 10% 1/4"euhedral feld+30% subh feld phenos+10%qtz 1/8" phenos; <1% q-ank vn's to 1/8"@40 gen; hily cbd; homogeneous; shrp nat trailing ct @48
BG11-114	25.70	28.20	13c		Diorite	dk gy	gy-gn	med				25%-60% pk-pa gy feld in chl; hily mag except in min'd leuco zones; 3% epi locy conc as clots;competent-RQD=50; 3-5% leucoxene locy conc at min'd zones; hily cbd; spec hem locy; 1-2% q-ank vn's locy conc gen @30; 1% cse d py locy conc; min'd @25.8-26.2, 27.5-28.2 (#20 VN SPLAY?); shrp nat trailing ct@45
BG11-114	28.20	29.40	BP		Bimodal Porphyry	gy	br	cse				fresh; competent-RQD=80; 10% 1/4"euhedral feld+30% subh feld phenos+10%qtz 1/8" phenos; <1% q-ank vn's to 1/8"@45 gen; hily cbd; homogeneous; shrp nat trailing ct @33; **STOPE OPENING @29.4-30.0 ("40" VOID")-**not much alt'n either side but at margin of chill zone
BG11-114	29.40	30.00	150		Stope							
BG11-114	30.00	39.95	BP		Bimodal Porphyry	gy	br	cse				
BG11-114	39.95	45.00	13c		Diorite	dk gy	gy-gn	med				25%-60% pk-pa gy feld in chl; hily mag except in min'd leuco zones; 3% epi locy conc as clots;competent-RQD=80; 3-5% leucoxene locy conc at min'd zones; hily cbd; spec hem locy; 1-2% q-ank vn's locy conc gen @75; 1% cse d py locy conc; min'd @39.95-40.6, 42.5-43.3; shrp nat trailing ct@45
BG11-114A	0.00	21.20	100		Casing							
BG11-114A	21.20	34.35	BP		Bimodal Porphyry	gy	br	cse				gravel/GC @ 21.7-21.9, 22.4-22.7; fresh; competent-RQD=50; 10% 1/4"euhedral feld+30% subh feld phenos+10%qtz 1/8" phenos; locy bl'd@30; chill zone@33.0-34.35; hily cbd; homogeneous; shrp nat trailing ct @48
BG11-114A	34.35	39.00	13c		Diorite	dk gy	gy-gn	med				25%-60% pk-pa gy feld in chl; hily mag except in min'd leuco zones; 3% epi locy conc as clots;competent-RQD=50; 3-5% leucoxene locy conc at min'd zones; hily cbd; spec hem locy; 1-2% q-ank vn's locy conc gen @30; 1% cse d py locy conc; min'd @34.4-34.9, 35.8-36.3 (#20 VN?), 37.3-37.5
BG11-115	0.00	17.90	100		Casing							
BG11-115	17.90	25.30	13c		Diorite	dk gy	gy-gn	med				25%-60% pk-pa gy feld in chl; hily mag except in min'd leuco zones; 3% epi locy conc as clots+vn's;competent-RQD=70; 3-5% leucoxene locy conc at min'd zones; hily cbd; spec hem locy; 1% cse d py locy conc; min'd @18.8-18.9 (20 VN?), 22.1-22.2 ; shrp nat trailing ct@50
BG11-115	25.30	34.50	BP		Bimodal Porphyry	gy	br	cse				fresh; competent-RQD=60; 10% 1/4"euhedral feld+30% subh feld phenos+10%qtz 1/8" phenos; wy bl'd locy; hily cbd; homogeneous; flt trailing ct
BG11-115	34.50	100.65	13c		Diorite	dk gy	gy-gn	med				25%-60% pk-pa gy feld in chl; hily mag except in min'd leuco zones; 3% epi locy conc as clots;competent-RQD=80; 3-5% leucoxene locy conc at min'd zones; hily cbd; spec hem locy; 1-2% q-ank vn's locy conc gen @50; 1% cse d py locy conc; min'd @37.5-37.6, 38.5-38.6, 39.1-39.2, 41.4-41.9, 47.8-47.9, 61.9-62.1, 63.4, 63.6-64.7, 66.4-66.6, 71.1-71.3, 71.9-73.5, 74.9-75.1, 76.3-76.5, 77.9-78.5, 79.5-80.0, 81.5-82.4, 88.2-88.3, 89.2-89.3, 92.8-93.0, 98.6-106.6 (strong), 108.5-108.7 (qv), 113.2-113.3, 119.4, 126.1-126.7, 129.6, 132.0-132.4, 135.4-135.9, 136.0-138.5 (Q-ANK+CP), 142.6-142.9, 144.9-145.3, 156.0, 161.3-161.4, 162.0-162.2, 194.8-194.9; becomes non magnetic+lighter green after dk gy basal v hily magnetic zone @161.4, then wy mag @178.0-EOH; **OPENING @ 100.65-101.3 ("2' VOID")**; gabbroic texture @145.0-160.0m;
BG11-115	100.65	101.30	150		Stope							
BG11-115	101.30	201.00	13c		Diorite	dk gy	gy-gn	med				
BG11-116	0.00	19.30	100		Casing							
BG11-116	19.30	21.30	13c		Diorite	dk gy	gy-gn	med				25%-60% pk-pa gy feld in chl; hily mag except in min'd leuco zones; 3% epi locy conc as clots+vn's;competent-RQD=50; 3-5% leucoxene locy conc at min'd zones; hily cbd; spec hem locy; 1-2% q-ank vn's locy conc gen @50; 1% cse d py locy conc; min'd @19.3-19.5 (20 VN?), ; shrp nat trailing ct@24
BG11-116	21.30	35.20	BP		Bimodal Porphyry	gy	br	cse				fresh; competent-RQD=50; 10% 1/4"euhedral feld+30% subh feld phenos+10%qtz 1/8" phenos; <1% q-ank vn's to 1/8"@50 gen; hily cbd; homogeneous; shrp nat trailing ct @50
BG11-116	35.20	210.70	13c		Diorite	dk gy	gy-gn	med				25%-60% pk-pa gy feld in chl; hily mag except in min'd leuco zones; 3% epi locy conc as clots;competent-RQD=80; 3-5% leucoxene locy conc at min'd zones; hily cbd; spec hem locy; 1-2% q-ank vn's locy conc gen @30; 1% cse d py locy conc; becomes fresher downhole; gabbroic texture@172.0-177.0; @191.9 is shrp ct where blk v hily mag dio phase meets non magnetic fresher phase (possible dirty syenite)-contact@73; becomes bl'd within 3m of ct w por; min'd @35.8-36.2, 38.6-39.2, 46.0-46.2, 48.1-48.3, 58.7-58.8, 62.0-63.0, 63.3-63.6, 65.8-66.2, 66.8-67.2, 69.1-69.3, 71.0-75.0, 76.5-76.8, 84.8-85.5, 87.2-88.2, 88.5-89.6, 90.2-92.0, 100.0-103.0, 112.4-112.5, 113.2-114.3, 121.3-121.7, 127.5-127.6, 134.4-134.5, 140.4-140.6, 142.4-142.8, 147.1-147.8, 160.4-160.6, 183.4-185.1; shrp nat trailing ct@40

Hole_ID	From	To	Lith 1	Lith 2	Lithology Name	Colour1	Colour2	Grain Size 1	Grain Size 2	Text	Text	Description
BG11-116	210.70	216.00	QFP		Quartz Feldspar Porphyry	br	buff	medium				non mag; 30% anhedral 1/8"glassy-gnish qtz phenos+30% feld phenos; non cbd; 1% q-ank @30-60; competent-RQD=90; hily bl'd freshens downhole; min'd@211.9-212.4 where 80% q-ank
BG11-117	0.00	19.30	100		Casing							
BG11-117	19.30	20.90	13c		Diorite	dk gy	gy-gn	med				25%-60% pk-pa gy feld in chl; hily mag except in min'd leuco zones; 3% epi locy conc as clots+vn's; not competent-RQD=20; 3-5% leucoxene locy conc at min'd zones; hily cbd; spec hem locy; 1% cse d py locy conc; min'd @20.3-20.5 ; shrp nat trailing ct@25
BG11-117	20.90	27.70	BP		Bimodal Porphyry	gy	br	cse				fresh; competent-RQD=80; 10% 1/4"euhedral feld+30% subh feld phenos+10%qtz 1/8" phenos; inlier of dio @21.7-22.0 inbc @45; hily cbd; homogeneous; shrp nat trailing ct@48
BG11-117	27.70	46.40	13c		Diorite	dk gy	gy-gn	med				25%-60% pk-pa gy feld in chl; hily mag except in min'd leuco zones; 3% epi locy conc as clots;competent-RQD=60; 3-5% leucoxene locy conc at min'd zones; hily cbd; spec hem locy; 3-4% q-ank vn's locy conc gen @60; 1% cse d py locy conc; min'd @27.7-30.2 (#20 VN), 31.5-31.8, 32.7-32.8, 33.2-33.6, 43.3-43.6; shrp nat trailing ct@44
BG11-117	46.40	48.20	BP		Bimodal Porphyry	gy	pa gy	cse				ser'd; competent-RQD=90; 10% 1/4"euhedral feld+30% subh feld phenos+10%qtz 1/8" phenos; wy bl'd locy; hily cbd; homogeneous; shrp nat trailing ct@60
BG11-117	48.20	93.00	13c		Diorite	dk gy	gy-gn	med				25%-60% pk-pa gy feld in chl; hily mag except in min'd leuco zones; 3% epi locy conc as clots;competent-RQD=60; 3-5% leucoxene locy conc at min'd zones; hily cbd; spec hem locy; <1% q-ank vn's locy conc gen @50; 1% cse d py locy conc; min'd @48.2-48.4, 49.7-49.8, 51.7-52.2, 54.0, 55.6-55.7, 60.7-61.0, 64.6-65.2 (0.1 QV), 70.0, 71.8-73.7, 85.5-85.7, 86.5-86.6, 87.6-87.7; hole still min'd @ end but stopped due to other holes covering this area
BG11-118	0.00	18.60	100		Casing							
BG11-118	18.60	47.40	13c		Diorite	dk gy	gy-gn	med				25%-60% pk-pa gy feld in chl; hily mag except in min'd leuco zones; 3% epi locy conc as clots;competent-RQD=50 except=10@42.0-45.0; 3-5% leucoxene locy conc at min'd zones; hily cbd; spec hem locy; <1% q-ank vn's locy conc gen @30-40; 1% cse d py locy conc; posy por @18.6-19.4, 43.9-44.2 but looks grad alt'n; min'd @18.6-19.45, 21.0-21.2,22.5-22.9, 23.9-24.1, 36.0-36.1, 42.2-42.3, 44.-44.2, 47.0-47.1; shrp nat trailing ct @30,
BG11-118	47.40	48.40	BP		Bimodal Porphyry	gy-bk	gn-gy	Cse				Fresh, competent- RDQ=90, non mag; 10% 0.2-1 cm euh pink felds + 15-20% 0.1-0.5 cm anh wht qtz phenos; multiple 0.1- 0.2 cm carb vns @45; shrp nat trailing ct@20;
BG11-118	48.40	86.10	13c		Diorite	dk gy	gy-gn	med				25%-60% pk-pa gy feld in chl; hily mag except in min'd leuco zones; rare epi locy conc as clots;competent-RQD=80 except=0@73.4-74.5; 3-5% leucoxene locy conc at min'd zones; hily cbd; spec hem locy; 2% q-ank+carb vn's locy conc gen @45-70; 1% cse d py locy conc; min'd @48.9-49.0, 50.8-50.9, 54.6, 59.7, 65.5-65.7, 67.0-69.0, 71.2-71.5, 72.4-74.5 (flt), 75.2-75.4, 79.7-79.9, 81.2 ; shrp nat trailing ct @45,
BG11-118	86.10	91.20	BP		Bimodal Porphyry	gy-bk	gn-gy	Cse				Fresh, competent- RDQ=90, non mag; 10% 0.2-1 cm euh pink felds + 15-20% 0.1-0.5 cm anh wht qtz phenos; multiple 0.1- 0.2 cm carb vns @45; shrp nat trailing ct@20; min'd @87.2-87.5 (flt)
BG11-118	91.20	121.60	13c		Diorite	dk gy	gy-gn	med				25%-60% pk-pa gy feld in chl; hily mag except in min'd leuco zones- then non mag @ 91.2-121.6; 3% epi locy conc as clots;competent-RQD=50 except=20@97.0-106.0 +@110.0-115.0; 3-5% leucoxene locy conc at min'd zones; hily cbd; spec hem locy; 2% q-ank+carb vn's locy conc gen @40-70; 1% cse d py locy conc; min'd @87.2-87.5, 91.2-93.0, 102.3, 119.7-119.8; Main Break@91.2-91.6 ; trailing ct in BC
BG11-118	121.60	124.70			Basic Syenite	gy	br	med				10% 1/8" mafic (augite?) phenos; rare 1/2" blk xeno's; trailing ct in BC; non mag; homogeneous; not competent-RQD=10;
BG11-118	124.70	204.00	13c		Diorite	dk gy	gy-gn	med				25%-60% pk-pa gy feld in chl; hily mag except in min'd leuco zones-inc'gly mag+ darker grey downhole; 3% epi locy conc as clots;not competent-RQD=30 except =10@141.0-145.5, =10@148.5-153.0, =70@159.0-204.0 ; 3-5% leucoxene locy conc at min'd zones; hily cbd; spec hem locy; <1% q-ank+carb vn's locy conc gen @70; 1% cse d py locy conc; min'd @127.7, 133.2-133.3, 138.4-138.7 (#6 VN?), 139.6, 140.0-140.4 (#6 VN?), 172.5-175.8, 180.8-181.1, leuco@ 183.7-187.6 ;inlier basic syenite@127.0-127.6 w BC'S
BG11-119	0.00	15.50	100		Casing							
BG11-119	15.50	22.30	13c		Diorite	dk gy	gy-gn	med				25%-60% pk-pa gy feld in chl; hily mag except in min'd leuco zones; 3% epi locy conc as clots+vn's; not competent-RQD=40; 3-5% leucoxene locy conc at min'd zones; hily cbd; spec hem locy; 1% cse d py locy conc; min'd @20.8-21.0; shrp nat trailing ct@25
BG11-119	22.30	28.50	BP		Bimodal Porphyry	gy	br	cse				fresh; competent-RQD=80; 10% 1/4"euhedral feld+30% subh feld phenos+10%qtz 1/8" phenos; inlier of dio @21.7-22.0 inbc @45; hily cbd; homogeneous; trailing ct in BC

Hole_ID	From	To	Lith 1	Lith 2	Lithology Name	Colour1	Colour2	Grain Size 1	Grain Size 2	Text	Text	Description
BG11-119	28.50	30.55	13c		Diorite	dk gy	gy-gn	med				25%-60% pk-pa gy feld in chl; hily mag except in min'd leuco zones+non mag @210.8-222.0+ wy mag @222.0-238.0; blk v hily mag up to 210.8 where ct@30 with med gn non mag-almost basalt-like; 3% epi locy conc as clots;competent-RQD=70, except @182.0-211.0+243.5-250.0 where =30 & 10 respectively; gabbroic texture @192.0-203.2; pk feld @222.0-238.0; 3-5% leucoxene locy conc at min'd zones; hily cbd; spec hem locy; 3-4% q-ank vn's locy conc gen @80; 1% cse d py locy conc; min'd @30.1-30.55 (#20 VN), 37.6-38.3, 44.5-44.6, 52.0-52.3, 54.5-54.8, 62.0-62.3, 63.0, 72.1-72.5, 74.2-75.1, 94.0-105.3, 116.0-116.1, 117.3, 119.8, 122.0, 123.4-123.6, 128.2-128.5, 130.6-130.7, 137.7-137.8, 141.5-145.0, 147.3-147.6, 155.0-155.2, 158.0-158.6, 158.9-159.1, 159.8-159.9, 160.5-161.1, 162.0-162.2, 167.7, 170.0-171.3, 180.9, 182.2, 187.0-187.6, 197.2, 203.2-203.35, ; shrp nat trailing ct@; **STOPE@30.55-34.6**
BG11-119	30.55	34.60	150		Stope							
BG11-119	34.60	250.00	13c		Diorite	dk gy	gy-gn	med				EOH
BG11-120	0.00	15.80	100		Casing							
BG11-120	15.80	21.00	BP		Bimodal Porphyry	gy	br	cse				fresh; competent-RQD=60; 10% 1/4"euhedral feld+30% subh feld phenos+10%qtz 1/8" phenos; hily cbd; homogeneous; trailing ct in BC
BG11-120	21.00	30.30	13c		Diorite	dk gy	gy-gn	med				25%-60% pk-pa gy feld in chl; hily mag except in min'd leuco zones; 3% epi locy conc as clots;competent-RQD=60; 3-5% leucoxene locy conc at min'd zones; hily cbd; spec hem locy; <1% q-ank vn's locy conc gen @50; 1% cse d py locy conc; min'd @21.1-21.7 (#20 VN), 22.8-22.9, 23.2, 23.5-24.4 (#20 VN), 24.7-25.4, 26.6-27.0, 29.4-30.2; shrp nat trailing ct @60
BG11-120	30.30	33.50	BP		Bimodal Porphyry	gy	br	cse				fresh; competent-RQD=60; 10% 1/4"euhedral feld+30% subh feld phenos+10%qtz 1/8" phenos; hily cbd; homogeneous; shrp nat trailing ct @70
BG11-120	33.50	52.95	QFP		Quartz Feldspar Porphyry	pa gy-wt		medium				same unit as @ Boundary Zone but without typical 1-3% cse d py; non mag; 30% anhedral 1/8"glassy-gnish qtz phenos; non cbd; homogeneous except for min'd zones where wy hem'd+ w chl fract's w py; rare q-ank vn's to 1/2" gen @25; shrp nat trailing ct@75; sil'd pervasively; min'd@ 33.4-33.7, 42.0-42.2, 52.1-52.3
BG11-120	52.95	90.00	13c		Diorite	dk gy	gy-gn	med				25%-60% pk-pa gy feld in chl; hily mag except in min'd leuco zones; 3% epi locy conc as clots;competent-RQD=70, then=80 @ 79-120.05; 3-5% leucoxene locy conc at min'd zones; hily cbd; spec hem locy; <2% q-ank vn's locy conc gen @30-50; 1% cse d py locy conc; min'd @52.95-53.05, 57.3-57.4, 65.9-66.3, 67.5-69, 69.7-70.4, 76.7, 95.5-95.6, 104.05-104.4, 112.8-113.05, 117-117.4; shrp nat trailing ct @60+45, **OPENING @ 90 ("2' VOID")**
BG11-120	90.00	90.60	150		Stope							
BG11-120	90.60	120.05	13c		Diorite	dk gy	gy-gn	med				
BG11-120	120.05	126.40	QFP		Quartz Feldspar Porphyry	Gy	rd	medium				Grad cont btw diorite and lg to dk gy QFP w 5% anh fg yel felds + 40% anh cse gn glassy wht to pnk/grnish qtz phenos; non mag; 2-5% diss mg to cse diss py in min zones ass w spec hem; minor 0.1-0.4 cm qtz-ank vns @30; RDQ=50 due to **BC 121-123 and LC 126.4-129**; colour cng @ 126.3 m to red due to hem'z, modly bleac'd, whspy ser vns, RQD=90; 5% cse gn diss spec hem oft conc alng 0.2 cm vns @55. py bth mg diss and ass w chl-ank vns @50; hem'd gy/red colour and blech'd from 143.6 w mn fg diss py; brecciated qtz-dol btw **161.8-162.15** @45 poss flt'd contact **(PC)**; min'd @129.2-129.5, 139.65-139.75, 139.85-139.95, 142.7-142.8, 148.07-148.12, 153.87-153.92, 158.8-158.87;
BG11-120	126.40	129.00	150		Stope							Loss of Core - Stope?
BG11-120	129.00	162.15	QFP		Quartz Feldspar Porphyry	Gy	rd	medium				
BG11-120	162.15	164.70	13c		Diorite	lg grn	dk grn	fine				Homogeneous, groundmass wt w felds, brecciated contact w QFP poss fault. Zones of shear, ser alt + brec qtz-ank vns. RQD= 70, non mag; Diss py more euh, blocky when ass w vns. Min'd @ 163.5-163.55.
BG11-120	164.70	168.00	QFP		Quartz Feldspar Porphyry	pa wt		medium				Bleac'd core w 30% wht mg 0.1-0.5 cm qtz eye phenos + 3% <0.1 cm fg yell felds phenos; 2% spec hem, chl-ser alt. <1% fg diss py; RDQ=70
BG11-121	0.00	14.80	100		Casing							
BG11-121	14.80	37.40	QFP		Quartz Feldspar Porphyry	pa gy-wt	pa red-grn	medium				non mag, 25%-40% 0.2-0.5 gy-wt glassy anh qtz + 0.2-0.6 cm grn anh felds phenos; cse py ass w 0.1-0.4 cm sil-ank vns @40-55 in zones that are hly bleac'd, some mn fg diss py throughout; fairly homogeneous, change in colour due alt (bleac'd, hem'd, chl'd), hly sil'd throughout. Hem'd zone btw 17.1-17.55 within bleach'd homogenous QFP, perhaps dyke or alteration of small area of core. RDQ=50-70 but low at beginning RDQ=10; Min'd zones: 15.56-15.75, 16.2-16.3, 20.5-20.7, 24.0-24.12, 29.6-29.7;

Hole_ID	From	To	Lith 1	Lith 2	Lithology Name	Colour1	Colour2	Grain Size 1	Grain Size 2	Text	Text	Description
BG11-121	37.40	45.10	BP		Bimodal Porphyry	gy-bk	gn-gy	Cse				Fresh, competent- RDQ=90, non mag; 10% 0.2-1 cm euh pink felds + 15-20% 0.1-0.5 cm anh wht qtz phenos; 2*2-6 cm sil'd mag qtz-mag xenoliths w oriented chl "pressure shadows", attenuated along flow; multiple 0.1- 0.2 cm carb vns @25; grad cont w strong shear struct @40; Min'd zones: 44.9-45.1
BG11-121	45.10	219.70	13c		Diorite	lg grn	dk grn	fine				Homogeneous, hly magn except in min'd zones and/or zones with high percentage of leux, wkly to non magn zones around 123 m depth; hly chl'd w 30% felds, increasing epd veining w depth; 5-20% leux ass w min'd zones; 2% cse diss py locy conc in hly sil'd zones + ass w qtz-ank vns; 2-3% 0.1-1 cm qtz ank vns@ 40-50; RDQ=70, although zones of higher RDQ=80-90 (ex: btw 65-121) and lower RDQ=30 (ex: btw 174-177); Large fault system btw 105-110.1 m w main gouge @106.2-106.3 (Poss Bidgood Main Break?) w sheared zones of chl-sil-ser alt, 1% mg to cse diss py, and carb-dol-qtz fault gouge; Min'd zones: 46.6-46.9, 58.5-59.2, 63.8-63.9, 70.2-70.3, 86.5-87.1, 96.9-97.1, 103.1-103.3, 114.8-114.9, 148.8 (Poss #6 Vein, RQD=<20), 150.3-150.4, 152-152.4, 182.9-183.1, 189.45-189.48;
BG11-122	0.00	10.10	100		Casing							
BG11-122	10.10	43.00	QFP		Quartz Feldspar Porphyry	pa gy-wt		medium				same unit as @ Boundary Zone but without typical 1-3% cse d py; non mag; 30% anhedral 1/8"glassy-gnish qtz phenos; non cbd; homogeneous except for min'd zones where wy hem'd+ w chl fract's w py; rare q-ank vn's to 1/2" gen @30-50; shrp flt trailing ct@70; sil'd pervasively; competent-RQD=90; min'd@20.6-20.9, 21.9-22.2, 23.7-24.4, 29.1-29.2, 35.5-35.8, 39.8-40.2, 41.9-42.0, 42.5-42.8,
BG11-122	43.00	48.25	13c		Diorite	dk gy	gy-gn	med				25%-60% pk-pa gy feld in chl; hily mag except in min'd leuco zones; 3% epi locy conc as clots;competent-RQD=70; 3-5% leucoxene locy conc at min'd zones; hily cbd; spec hem locy; <1% q-ank vn's locy conc gen @30; 1% cse d py locy conc; min'd @42.9-43.4, 45.0-45.4, 45.8-45.9, 46.6-46.7; shrp nat trailing ct @75
BG11-122	48.25	61.30	BP		Bimodal Porphyry	red-br	br-gy	Cse				fresh; competent-RQD=90; rare 1/4"euhedral feld phenos (could be nomal por but looks like BP without as many 1/4" phenos)+30%feld +10%qtz 1/8" phenos; <1% q-ank vn's to 1/8"@45 gen; hily cbd; fresh; locy hem'd mody; homogeneous; shrp nat trailing ct @75; BC of other por @48.0-48.2m ignored-looks out of place-no alt'n of blk dio
BG11-122	61.30	171.00	QFP		Quartz Feldspar Porphyry	br-red	pur-br	cse				different from other porphyry- smaller phenos less prominent etc.; non mag; 30% anhedral 1/8"glassy-gnish qtz phenos+30% feld phenos; rare 1/4" xeno's blk; non cbd; rare q-ank @50; fresher grey @159.0-164.0; locy bl'd; min'd@95.2-95.3, 97.6-97.7, 141.5-142.3, 145.4-145.8, 149.7-149.9, 151.5-154.0; BC of other por @76.4-76.75m ignored-looks out of place; competent-RQD=90; BREAK@135.9-136.2 (M-H?)
BG11-123	0.00	12.70	100		Casing							
BG11-123	12.70	30.00	13c		Diorite	dk gy	gy-gn	med				25%-60% pk-pa gy feld in chl; hily mag except in min'd leuco zones; no epi; competent-RQD=80; 3-5% leucoxene locy conc at min'd zones; hily cbd; 2% q-ank vn's locy conc gen @70; 1% cse d py locy conc; min'd @16.8, 19.7-20.8, 23.5-24.2, 26.0-30.0 (q-ank); **BT STOPE@30.0-'7'**
BG11-123	30.00	32.00	150		Stope							EOH
BG11-124	0.00	5.40	100		Casing							
BG11-124	5.40	9.45	13e		Syenite	pale grey red		aph	fine			non-magnetic; chl augites and clots; weak to mod frac'ing with carb infilling crack-seal frac's predominantly at 0 to 5 deg TCA while few at 25 to 45 deg TCA; sharp contact with FP with fine slips at 35 deg TCA
BG11-124	9.45	23.40	FP		Feldspar Porphyry	grey green	pale red mauve	aph	med			9.5 to 9.7m irregular frac's at contact with 5-10% py euhedral cubes with 'shattered' appearance; unit non-magnetic with deep red-mauve sections probably due to perv oxy'd hem alt'n; weak to mod frac'ing with pink-white carb and lesser qtz-dol; 11.3 to 11.5m subparallel brittle frac's with adjacent vn'ing with py; **22.1 to 22.5m strong localized shear at 30 to 50 deg TCA with 2.5cm wide 50% py+minor cpy vn grey qtz+dol vn'ing+chl+oxy'd hem** ;ser+ weak oxy'd hem alt'n up to contact at 35 deg TCA
BG11-124	23.40	33.08	2f		Tuff	dull dk green	light green	aph				non-magnetic, after contact 23.4 to 23.6m purple qtz & white qtz+dol+ + chl in frac's at 55 to 60 deg TCA, tr py; perv oxy'd hem from 23.4 to 27.1m; unit is a possible arenite; sections of light green blotchy felsic looking alt'n; moderate 5-10% qtz-dol vn'ing at generally 35 to 55 deg TCA with alt'n halo's; sharp lower contact at 65 to 70 deg TCA
BG11-124	33.08	37.80	FP		Feldspar Porphyry	grey green	pale red green	aph	med			non-magnetic; weak to mod micro frac'ing with ser+ wk perv ser+perv oxy'd hem; lower contact at 35 deg TCA with slips
BG11-124	37.80	61.07	13e		Syenite	dk red		aph	fine			non-magnetic; perv low grade chl metamorphism; moderate brittle frac's with pink-white carb+calcite+chl and white qtz-dol vn'ing at various angles sometimes with fg to mg py; lower contact sharp and definitive at 50 deg TCA1-2% fg py diss in QFP at contact in matrix

Hole_ID	From	To	Lith 1	Lith 2	Lithology Name	Colour1	Colour2	Grain Size 1	Grain Size 2	Text	Text	Description
BG11-124	61.07	84.35	QFP		Quartz Feldspar Porphyry	grey green	dk red	aph	med			non-magnetic; white feld pheno's + occasional grey clear qtz crystals bimodal in size; perv oxy'd hem in red coloured sections, chl'd amphiboles; weak carb vn'lets; 83.4 to 83.75 Tuff unit sharp contacts at 45 and 30 deg TCA; at 84.35 contact is irregular and sharp-dry
BG11-124	84.35	103.06	2f		Tuff	dull dk green	light green	aph				non-magnetic; possible low grade chl metamorph with blotchy light green sections of sil alt'n throughout; 1-8% fg diss py in matrix sometimes showing banding; frequent qtz-dol and carb vn'ing usually 2 to 4mm wide at variable angles; bedding or banding at variable angles suggesting folded environment with possible egg carton fold suggesting complex folding; 86.3 to 86.8 QFP unit; sharp lower contact at 65 deg TCA with weak sil alt'n on both Tuf and FP units at contact
BG11-124	103.06	191.70	FP		Feldspar Porphyry	med mauve red	red brown	aph	med			non-magnetic; bimodal sized feld pheno's up to 5mm in diameter; weakly frac'd with 5% qtz-dol vn'ing sometimes with spec hem; pheno's showing weak fabric in sections and minor wk localized frac'd sections; weak red oxy'd hem and ser in frac's sections with chl'd amphiboles; **174.7 to 177.05m strong frac-flt zone at 40 to 50 deg TCA with 85-95% py vn's at 174.9 to 175.2m, 175.75 to 175.9 and 176.05 to 176.15m with qtz+carb+dol vn'ing - possible correlation with increased py and increased carbonate content in vn'ing**; 174 to 187.5m light brown matrix due to perv sil+minor ser alt'n+ chl in clots or amygdules; 189 to 189.75m diorite breccia unit sharp irregular contacts with carb vnlets and 1-2% anhedral py clusters; lower sharp irregular contact with diorite at 35 deg TCA
BG11-124	191.70	198.80	13c		Diorite	dark green		aph	fine			from contact to 194.2m non-magnetic fairly hard matrix mod sil? With 3-5% fg anhedral py clusters in matrix and hairline non-penetrative slips ; 194.2 m becomes magnetic; 5-10% late greywhite carb in hairline frac's and vn's from 2mm to 1.5cm wide at variable angles
BG11-124	198.80	201.15	FP		Feldspar Porphyry	grey brown	grey green	aph	med			non-magnetic;199.9 to 200.7m 5-10% diss py in matrix & remob's in carb vn's at 70-8- deg TCA & early 30 deg TCA frac's with chl; sharp irregular contacts
BG11-124	201.15	209.00	13c		Diorite	dark green		aph	fine			magnetic; perv chl;dry contacts with FP no py or vn'ing
BG11-124	209.00	211.80	FP		Feldspar Porphyry	grey brown	grey green	aph	med			non-magnetic; diroite breccia unit from 209.7 to 210.5m; low angle irregular contacts with no py or vn'ing or alt'n halo
BG11-124	211.80	229.60	13cbx		Diorite Breccia	dark green		aph	fine			non-magnetic; perv chl; weak to mod late carb vnlets; 221.4 to 223.5m strong 0 deg TCA slip-flt with up to 2 cm wide carb+chl+qtz vn, 1-3% py along margin; 226.85 to 227.9m FP with sharp definitive contacts 65 and 75 deg TCA with py halo's at both contacts; 227.9 to 229.6 diorite bx unit is sil, light grey-green matrix moderately hard with 1-3% fg py in matrix; irregular lower contact
BG11-124	229.60	266.80	FP		Feldspar Porphyry	med mauve red	red brown	aph	med			non-magnetic; 229.6 to 243m perv sil + mod red oxy'd hem sections with weak to mod frac'sd sections with qtz+dol vn'ing, infrequent 1mm wide py vnlets; after 243m feld pheno's prominent with bimodal size; sharp contact at 45 deg TCA with py in diorite at contact
BG11-124	266.80	283.00	13cbx		Diorite Breccia	grey green		aph	fine			non-magnetic; 1cm band pf py at upper contact; blocky ground in sections at 274.5 to 275.5
BG11-124	283.00	439.00	13c		Diorite	med green		aph	fine			magnetic and non-magnetic; 5-25% carb vn'ing; perv chl + weak carb alt'n; aprrox 340m becoming strongly magnetic with narrow sections of frac'ing with carb+ser alt'n that is non-magnetic or weakly magnetic; **362.2 to 362.6m strong local shear at 30-35 deg TCA with carb+luec flecs + chl with 4 cm wide py bands, section part of a larger section 362.2 to 365.8m with strong perv carb alt'n - section non-magnetic**; 379.5 to 382m strong epi perv alt'n; 387.5 to 387.55m red porphyry with qtz vn'ing on slip at 40 deg TCA; **396 to 419.5m South Zone?, 396 to 396.8m py mineralization is generally found in 0 to 25 deg TCA frac's, <5% to 20% late grey white carb vn'ing at 40 to 50 deg TCA, 396 to 396.8 & 397.4 to 398.3m strong frac-bx with 25% carb+qtz-dol with flting and carb+ser+chl perv alt'n, py in narrow frac's at 10-20 deg TCA, 402 to 402.3 and 404 to 404.2m qtz-dol vn'ing adjacent to flt-slip at 15 to 25 deg TCA with chl+gf+py, 407.6 to 411m med brown-tan matrix colour due to sil-dol with up to 10% py in 0 to 10 deg TCA frac's, FP?, at 411 to 411.7m red oxy'd hem alt'n, 3-5% py in clots, contacts at 40 and 30 deg TCA, 411.7 to 419.5m moderate to strong frac'ing with up to 5% py in frac's <40 deg TCA and up to 25% qtz-dol vn'ing and salmon-tan colour matrix due to sil-dol perv alt'n**; 426 to 426.07m minor FP Dyke adjacent to a flt-slip + 3cm wide qtz vn at 75 deg TCA; **428.9 to 435.3m 2nd South Zone strong brittle frac'ing at generally 30 to 55 deg TCA with strong chl+carb+qtz, perv chl+ser alt'n, 430.6 to 431.6m salmon coloured matrix strong sil + minor carb with 10-15% diss py in matrix and in frac's; 0 deg Tca flt from 428.9 to 429.4m and 10 deg TCA flt from 434.5 to 434.8m with carb+chl;**gradational change to bx

Hole_ID	From	To	Lith 1	Lith 2	Lithology Name	Colour1	Colour2	Grain Size 1	Grain Size 2	Text	Text	Description
BG11-124	439.00	490.00	13cbx		Diorite Breccia	med green	patchy tan brown - green	aph	coarse			non-magnetic; weak to mod perv chl alt'n and epi; <5% to 10% grey-white carb+chl vn'ing sometimes epi with subrounded to rounded vesicular breccia some with absorbed looking boundaries; occasional strong py mineralization in localized frac-shear's generally at 0 to 25 deg TCA with qtz; at approx 488.1m gradational change to stronger perv carb alteration leading up to Main Bidgood Fault
BG11-124	490.00	498.80	13c		Diorite	dark green		aph				non-magnetic; strong perv chl and carb alt'n leading up to Main Bidgoos Fault, 5-15% leuc flecs; 5-10% diss py from 497.6 to 498.3m; strong shearing starts at 493.3m, Main Bidgood Break Flt gouge at 496m at 20 deg TCA and 5cm wide flt gouge at 498.6 to 498.7m; sharp contact at 498.8 at 50 deg TCA
BG11-124	498.80	519.07	FP		Feldspar Porphyry	tan brown	green brown	aph	med			non-magnetic; from contact with diorite & main Bidgood Break 498.8 to 502.2m FP is highly fractured with chl + carb, 3-5% diss in matrix not in frac's; after 502.2m weak frac'ing with qtz-dol; **513.6 to 517.6m strong shear -flt zone at 10-20 deg TCA with strong qtz-dol + sil + chl+minor ser alt'n with up to 8% fg diss py, at 513.7 to 513.95m 15 deg TCA 2.5 cm qtz-dol-chl vn with 30% anhedral py**; lower contact is definitive and sharp at 60 deg TCA with some py in FP along 5 deg TCA slip near contact
BG11-124	519.07	556.66	13cbx		Diorite Breccia	grey green	salmon- tan-green	aph	coarse			non-magnetic; mod to strong prev chl+carb+sil alt'n or in frac's, patchy in sections; py mineralization in matrix as anhedral disseminations-clots and in qtz-carb vn's, some spec hem in carb-qtz vn's and oxy'd hem maybe responsible for salmon coloured matrix; 527.35 to 527.45m felsic dyke at 70 deg TCA, sharp contacts;550.24 to 550.44m FP dyke sharp contacts at 65 to 70 deg TCA; sharp lower contact at 80 deg TCA
BG11-124	556.66	564.00	FP		Feldspar Porphyry	brown salmon		aph	med			non-magnetic; brown-salmon coloured matrix maybe due to weak perv oxy'd hem, pyroxenes chl'd; sections with 1-5% diss py in matrix or in 0 to 15 deg TCA irregular frac's with chl+qtz; EOH 564m
BG11-125	0.00	4.90	100		Casing							
BG11-125	4.90	6.15	13e		Syenite	dk red-green		aph	fine			non-magnetic; moderate shear-frac'ing with chl at 20 to 35 deg TCA and discontinuous carb frac's and sweats 2-5% diss py along slips in matrix
BG11-125	6.15	20.35	FP		Feldspar Porphyry	light grey	mauve-green	aph	med			nonmagnetic; perv sil-dol alt'n and probable red oxy'd hem sections red coloured matrix; localized weak shear-frac'd sections with py mineralization with qtz-dol vn'ing; lower contact with Tuff broken core with possible gouge with py min in FP 0.5m from contact
BG11-125	20.35	23.90	2f		Tuff	med green	light grey green	aph				non-magnetic; low grade greenschist metamorph with chl with patchy late, perv sil sections; 1-2% fg diss py;lower contact sharp at 10 deg TCA
BG11-125	23.90	41.50	FP		Feldspar Porphyry	light grey	mauve-green	aph	med			non-magnetic; plagio pheno's with red coloured sections due to oxy'd hem?; 1 to 3mm wide frac's with qtz-dol; lower contact at 65 deg TCA with 20 cm wide section of pink carb stress frac's in both FP & Syn
BG11-125	41.50	58.06	13e		Syenite	red-mauve	chl green patches	aph	fine			non-magnetic; perv chl patches, interconnected blotchy chl in sections; widespread microfrac'ing with ser+minor chl; brittle shear sections with ser+chl+ 5-10% qtz-dol vn'ing; 57.04 to contact at 58.06m section has 3-5% py in vn'ing with qtz-dol+chl; contact is irregular but at 30 to 45 deg TCA
BG11-125	58.06	63.85	FP		Feldspar Porphyry	med grey	mauve-green	aph	med			non-magnetic; weak frac's filled with carb and qtz+chl; 1-3% fg diss py
BG11-125	63.85	79.66	13e		Syenite	red-mauve	chl green patches	aph	fine			non-magnetic; strong micro-frac'ing with cream to white porcelain coloured qtz-dol sometimes with py+chl, small chl patches irregular shapes, weak ser alt'n; 78 to 79.66 sil alt'n with micro-frac'ing with mod ser alt'n & up to 3% fg diss py; 78.86 to 79.3m Tuff mod sheared with ser+chl+1-2% diss py
BG11-125	79.66	85.70	2f		Tuff	med green	light grey green	aph				non-magnetic; unit showing weak low-grade perv chl metamorph with irregular patchy perv sil alt'n with assoc white carb vn'ing and up to 5% diss py in frac's; carb in frac's changes to qtz-dol in fracs at approx 75.5m; lower contact irregular at 5 deg TCA
BG11-125	85.70	182.00	FP		Feldspar Porphyry	mauve grey		med	aph			non-magnetic; weak perv red oxy'd hem; weak frac'ing filled with pink-white carb + sometimes qtz-dol; 1-3% spec hem occasionally in frac's some weak ser+chl in micro-frac'ing in some sections; 113.66 to 114.07m Syenite Dyke; **119.9 to 120.62m brittle shear-frac section with 5 to 15% py overall in vn frac's at 35 to 45 deg TCA, especially at 120.2m to 120.3m py vn with 65% py 2.5 cm wide with adjacent 3 cm wide qtz vn at 35 deg TCA**; mod to strong perv sil alt'd section from *116.9 to 127.8m with frac zone with 3-5% py in frac's from 126.6 to 127.7m* ; 177.6 to 178.14m diorite strong carb+chl 5-8% anhedral py; sharp lower contact at 40 to 45 deg TCA with weak 5cm wide sil halo at contact diorite
BG11-125	182.00	218.50	13c		Diorite	dk green	epi green	aph	fine			non-magnetic up to 193.6m where an abrupt change to magnetic; perv chl+ carb alt'n with irregular epidote patches; weak <5 to 5% white carb vn'ing; lower contact sharp at 90 deg TCA with strong subparallel qtz-dol + qtz-carb vn'ing at 45 to 50 deg TCA from 217.5 to 218.5m

Hole_ID	From	To	Lith 1	Lith 2	Lithology Name	Colour1	Colour2	Grain Size 1	Grain Size 2	Text	Text	Description
BG11-125	218.50	220.24	FP		Feldspar Porphyry	light brown		aph	med			non-magnetic; <5% qtz+carb and qtz+dol vn'ing; mod network frac'ing with chl+qtz; 1-2% fg py in matrix
BG11-125	220.24	348.60	13c		Diorite	med green	dk green	aph	fine			weak to strongly magnetic; strong perv chl & carb alt'n with 5-10% carb vn'ing and epi patchy alt'n; 5cm wide 1-3% fg py at FP contact; *moderate fracture - Flt zone at 259.3 to 260.8m with a sil section with 5-12% pt from 260.2 to 260.6mat 60 to 85 deg TCA* ; *325.6 to 326.3m brittle shear zone with 15 to 30% qtz+carb+chl filled frac's* ; 345.5 to 345.6m possible FP dyke; bad blocky ground starting at 341.6 to 353.5m; sharp lower contact
BG11-125	348.60	348.90	FP		Feldspar Porphyry	green red		aph	med			non-magnetic; two 1 cm wide carb qtz vn's at 25 deg TCA; sharp lower contact
BG11-125	348.90	367.30	13c		Diorite	med pale green	med green	aph	med			non-magnetic; sections with weak to strong perv sil alt'n with stronger alt;n starting at 358.4m; **350.3 to 350.7m blocky ground with pieces of 95% py in qtz, vn possibly at low angles TCA 359.9 to 376m possible parallel zone to South Zone mod to strong sil alt'n in diorite & diorite breccia with occasional narrow localized shear - frac's with py in vn's & frac's with grey carb and qtz-dol;** sharp contact at 367.3m with flt slip at 90 deg TCA
BG11-125	367.30	399.85	13cbx		Diorite Breccia	brown-khaki green	med green	aph	coarse			possible Feldspar Porphyry; non-magnetic; white to green to dk green feld pheno's, subrounded - subangular FP clasts caused by differential cooling, mod to strong perv sil-dol alt'n with strong localized shearing some with py frac'ing and vn's specifically at **373.4 to 373.52 4cm wide 75% py vn**; sharp irregular lower contact 90 deg TCA
BG11-125	399.85	405.10			Diorite	dk green		aph	fine			non-magnetic; mod pervcarb + chl alt'n with micro frac'ing with carb +epi; 1-2% diss py; gradational contact
BG11-125	405.10	427.56	13cbx		Diorite Breccia	med green		aph	coarse			non-magnetic; subrounded - subangular FP clasts caused by differential cooling, weak to mod perv chl alt'n; up to 5% carb vn'ing; 408.7 to 411.2 flt with carb+qtz+chl with ser alt'n in diorite bx some frac's adjacent to flt with py; 411.6 to 413.3m beige chert like bands at at 65 to 90 deg TCA alt'n effect or primary texture?; 426.25 to 426.6m sil brown dyke with 5-7% fg diss py in matrix; sharp irregular contact at 80 to 90 deg TCA
BG11-125	427.56	447.00	13c		Diorite	dk green	khaki green	aph	fine			magnetic from 429 to 429.5m and weakly magnetic in patchy sections but predominantly perv mod to strong chl alt'n with 3-15% leuc flecs; 427.97 to 428.04m brown felsic dyke at 85 deg TCA; weak shear zone 430.4 to 433.1m at 20 to 75 deg TCA; **Possible South Zone 437 to 447m strong perv chl alt'n + 5% leuc flecs with 3-10% py in carb frac's & vn'ing, with dk brown perv sil alt'n from 443.6 to 444m, strong shear - flt zone from 444.4 to 447m at 10 to 40 deg TCA**; flt at 447 at Diorite - FP contact at 10 deg TCA
BG11-125	447.00	508.75	FP		Feldspar Porphyry	orange brown	red- dk red	aph	med			non-magnetic; weak perv red oxy'd hem; slips & clots with chl + ser and qtz-dol in hairline frac's; *447.2 to 447.65m strong flt at 30 to 45 deg TCA with gouge +chl+carb; 495.7 to 515.6m red oxy'd hem matrix with irregular & discontinuous qtz + chl vn'ing with py+ spec hem+occasional cpy, overall py 1-7%, good 7cm wide 80% py vn at 505.9 to 506m and late bull white qtz vn's and qtz in stress frac's;lower contact 30 deg TCA*
BG11-125	508.75	510.00	8a		Conglomerate	red-mauve	dk green-red	fine	coarse			non-magnetic; grainy matrix with chert-like bands 1 cm wide at 75 deg TCA and large FP and other style clasts rounded to sub-rounded; mod perv carb alt'n; 3-5% py in frac's near upper contact lower contact irregular
BG11-125	510.00	521.05	FP		Feldspar Porphyry	red-mauve	dk green-red	aph	coarse			non-magnetic; perv chl alt'n in bx crack-healing throughout unit with red-mauve hem oxy'd perdominant matrix; 5% pink-white qtz-carb filled frac's-veins predom at 40 to 55 deg TCA; occasional ahedral shattered py in irregular, discontinuous frac's; lower contact at 60 deg TCA
BG11-125	521.05	533.80	8a		Conglomerate	med green	red-dk green	fine	coarse			non-magnetic; polyclastic with possible large boulders of FP and syenite with pebbles and cobbles of varied clast types; perv chl alt'n, some small patches of 3-5% leuc flecs; 5 to 15 deg TCA slips with qtz-dol minor py at margin halo's; sharp lower contact at 45 deg TCA; Syenite dyke or large boulders at 525.84 to 526.2m and 526.35 to 526.73m; FP from 531.75 to 532.7m
BG11-125	533.80	540.87	13cbx		Diorite Breccia	khaki green	dk green	aph	med			magnetic with 1-3mm irregular clots filled with magnetite; hairline frac's with carb; 537.5 to 540.87m possible conglomerate
BG11-125	540.87	545.85		FP	Feldspar Porphyry	mauve-red		aph	med			non-magnetic; red oxy'd hem matrix; white opaque feld pheno's; perv chl alt'n of amphiboles or pyroxenes; <2% hairline to 3mm wide frac's with carb;
BG11-125	545.85	556.70			Conglomerate	dk green	pale orange brown	fine	coarse			non-magnetic; perv chl alt'n; strong qtz-dol vn'ing & alt'n from 550.2 to ?m
BG11-125	556.70	570.00	13cbx		Diorite Breccia	dk green		aph	fine			magnetic; perv chl + moderate patchy carb alt'm; 5-15% qtz-carb vn's at variable angles; 570m EOH
BG11-126	0.00	5.75										
BG11-126	5.75	6.95	13e		Syenite	grey red		aph	fine			non-magnetic; weak 5% frac's with carb; lower contact 55 deg TCA
BG11-126	6.95	53.70	FP		Feldspar Porphyry	mauve red	grey green	aph	med			non-magnetic; perv patchy weak chl alt'n, and weak ser alt'n in hairline frac's; <5%qtz-dol vn'ing; occasional py mineralization in frac's with chl+qtz-dol

Hole_ID	From	To	Lith 1	Lith 2	Lithology Name	Colour1	Colour2	Grain Size 1	Grain Size 2	Text	Text	Description
BG11-126	53.70	74.60	13e		Syenite	dk red		aph	fine			non-magnetic; moderately strong stress frac's with carb approx 10-15% overall; chl clots & patches; <1% to 3% diss py in matrix ser alt'n at contact; *62.9 to 64.8m 5-10% py + minor py in carb frac's and diss in matrix strong carb alt'n + ser+chl with 5 deg TCA flt from 62.9 to 63.3m* ; contact diffiecult to discern due to alt'n of syenite
BG11-126	74.60	93.30	FP		Feldspar Porphyry	grey green	light green brown	aph	med			non-magnetic; 85.4 to 87.7m brittle shear zone at 15 to 25 deg TCA with ser+chl on slips 1-4% py on slips, moly on slios and in qtz vn's at 86.5, 86.85, 87.55m; lower contact sharp at 20 deg TCA
BG11-126	93.30	101.20	13e		Syenite	green grey	pale red grey	aph	fine			non-magnetic; chl clots & patches some amygdules filled with py; lower contact irregular
BG11-126	101.20	104.40	2f		Tuff	med green	light green	aph				non-magnetic; fg silt to sandstone banding at 40 to 45 deg TCApy in 0.25 cm wide qt vn at 101.3m; 103.2 to 104.13 syenite dyke;sharp lower contact at 85 deg TCA
BG11-126	104.40	170.63	FP		Feldspar Porphyry	gre green	pale red mauve	aph	med			non-magnetic; feld pheno's; matrix has variation of colours given alt'n; **107.6 to 110m moderate frac'd zone with qtz-dol-carb alt'n in 5-20% vn'ing at 0 and 30 deg TCA, 109 to 109.5 5-15% py specifically from 109.4 to 109.5m at 20 deg TCA, some splashes of cpy in vn's** 123.4 to ?m feld x-stal size becomes bimodal with up to 7mm diameter x-stals
BG11-126	170.63	186.50	13c		Diorite	olive green	dk green	aph				non-magnetic to magnetic; possible Tuff but magnetic and has fg leuc flecs in sections for diorite determination; low grade chl metamorph with sections having perv carb with diss py up to 10%, some patches sections and bands with sil? alt'n; **177.3 to 179m and 181.6 to 182.2m mod shear at 55 deg TCA with perv carb alt'n and 8-20% py in slips and in matrix** 183.5m 1cm wide local shear at 15 to 20 deg TCA with chl+carb+20% py; lower irregular sharp contact at 90 deg TCA with py in diorite 10 cm wide up to contact
BG11-126	186.50	190.60	FP		Feldspar Porphyry	med green grey		aph	med			non-magnetic; 3-5% diss py in matrix; 5% 1 to 4mm wide late qtz-carb vn'ing; lower contact irregular but sharp with 5-7% diss py in FP 1m up to contact with diorite
BG11-126	190.60	193.17	13c		Diorite	dk green		aph				non-magnetic where alt'd and magnetic; 190.6 to 192.7m 10-15% leuc flecs with weak perv carb alt'n with 3-5% py; sharp irregular contact
BG11-126	193.17	194.66	FP		Feldspar Porphyry	grey	med grey	aph	med			non-magnetic; fabric fol'n 40 deg TCA; lower contact sharp and irregular
BG11-126	194.66	227.10	13c		Diorite	dk green	olive green	aph	med			strongly magnetic except where alt'd; *194.66 to 198.3m 10-20% leuc flecs, 3-10% py weak to strong perv carb alt'n + chl alt'n, with fabric fol'n-frac's at 10 and 55 deg TCA* ; 196.6 to 196.7m FP dyke; after 198.3m perv chl alt'n and patchy epi alt'n around frac's & carb vn's with occasional py in frac's
BG11-126	227.10	238.90	FP		Feldspar Porphyry	brown mauve	gre-brown	aph	med			non-magnetic; pale white-olive green feld pheno's; moderately broken core 234 to 238m;
BG11-126	238.90	242.60	13c		Diorite	med green		aph				non-magnetic; 5% fg leuc flecs; 5% carb vn'ing; 1-5% anhedral py clusters; 7cm wide carb vn at contact at 20-35 deg TCA with hydrothermal bx
BG11-126	242.60	244.50	FP		Feldspar Porphyry	mauve grey		aph	med			non-magnetic; irregular lower contact
BG11-126	244.50	285.47	13c		Diorite	olive green	med green	aph	fine			non-magnetic to magnetic; mod patchy epi alt'n, 5% late white carb vn'ing; 1-3% diss py in matrix, occasionally in carb vn'ing
BG11-126	285.47	301.10	FP		Feldspar Porphyry	mauve		aph	med			non-magnetic; bimodal sized feld x-stals; occasional spec hem on slips; sharp lower contact at 25 deg TCA
BG11-126	301.10	305.50	13c		Diorite	grey green		aph				strongly magnetic; mod discontinuous frac's with carb + 3-7% py ; lower contact at 10 deg TCA
BG11-126	305.50	308.10	FP		Feldspar Porphyry	mauve		aph	med			non-magnetic; sharp irregular lower contact, strong epi alt'n after contact in diorite
BG11-126	308.10	379.00	13c		Diorite	dk green		aph	fine			strongly magnetic; strong epi alt'n at upper contact for 0.4m from contact
BG11-126	379.00	418.40	13cbx		Diorite Breccia	med green	army green	aph	coarse			magnetic; sub rounded absorbed looking clasts; 5-25% carb+qtz+dol vn'ing, some local shears-slips at 0 to 35 deg TCA; lower contact irregular at approx 65 to 75 deg TCA
BG11-126	418.40	436.70	13c		Diorite	dk green	med green	aph				intermittently magnetic; weak to moderately perv carb alt'n + chl alt'n; 1 to 10% late white carb vn'ing; some slips and local shears with increased carb vn'ing + chl
BG11-126	436.70	460.55	13cbx		Diorite Breccia	med army green	dk green	aph	coarse			non-magnetic; weak to mod perv carb & chl alt'n; shear sections with increased carb + chl + ser alt'n; shear at 460.35 to 460.55 with 1cm wide carb vn with 15% py at 30 to 40 deg TCA; sharp lower contact irregular
BG11-126	460.55	609.00	FP		Feldspar Porphyry	red	pale brown-red	aph	med			non-magnetic; perv red oxy'd hem with weak fine ser in hairline frac's; 1-5% qtz-dol vn'ing sometime with spec hem; 466.5 to 466.8m strong shear at 20 deg TCA with chl+qtz-dol+15% py; *488.6 to 489m shear-flt at 15 deg TCA with 3cm wide qtz-dol+chl vn with 25% py* ; **South Zone? 519.95 to 530.9m strong shear faulting at 10 to 25 deg TCA with 20 to 40% qtz-dol alt'n, vn'ing with 3 to 10% grey py anhedral and disseminated looks remobilized and ser+ chl alt'n**; **567.4 to 571m Main Bidgood Break with Flt gouge from 570.75 to 570.9m at 10-20 deg TCA, strong red oxy'd hem + ser+ qtz-dol alt'n in strongly frac'd zone with 2-8% py along frac slips and 1-5% spec hem** after 591m perv chl+dk red (oxy'd hem?) altn, sections showing strong fol'n fabric at 80 deg TCA; 609m EOH
BG11-127	0.00	5.70	100		Casing							

Hole_ID	From	To	Lith 1	Lith 2	Lithology Name	Colour1	Colour2	Grain Size 1	Grain Size 2	Text	Text	Description
BG11-127	5.70	10.65	13e		Syenite	dk red		aph	fine			non-magnetic; weak frac'ing with chl; 5% late carb vn'ing; lower contact sharp at 40 deg TCA
BG11-127	10.65	23.10	FP		Feldspar Porphyry	med green	pale red	aph	med			non-magnetic; white feld pheno's; perv weak chl; 5-10% carb+qtz vn'lets; **21.8 to 22m flt-shear zone at 35 and 60 deg TCA with bx+ 1.5cm wide qtz+ank vn at 35 deg TCA + 2.5cm wide 45% py banc**; 23 to 23.4m bx in a dk black qtz matrix at 55 deg TCA at FP-Argillite contact
BG11-127	23.10	35.10	2f		Tuff	dk green	brown red	fine				non-magnetic; grainy matrix; dk green matrix with large sections of brown red alt'n due to spec hem alt'n bleed, spec hem in frac's with qtz; narrow lime green aph bands at after 31.7m; proximal to lower syenite contact from 33.5 to contact strong micro frac'ing with light green ser + 5-7% fg py; lower contact argillite is alt'd with flt at 40 deg TCA
BG11-127	35.10	62.10	13e		Syenite	dk red		aph	fine			non-magnetic; 5-10% light mauve carb late vn'ets and occasional qtz-dol vn; mod perv chl patchy sections; 45.9 to 47.6 weak frac section with ser+chl+ occasional py in frac's at 45 to 55 deg TCA; 57.6 to 58.8m weak shear with ser+carb+chl alt'n, py in slips; sharp broken contact
BG11-127	62.10	82.00	FP		Feldspar Porphyry	dk brown	med green	aph	med			non-magnetic; predominantly fedl pheno's with almost consistent uniform size x-stals; 80 to 81.1m Tuff unit with 3-5% py; irregular contact
BG11-127	82.00	101.70	2f		Tuff	med green	light grey green	fine	coarse			non-magnetic; gritty fine matrix with rare round to sub round chl'd clasts especially at 83.4m; possible tuff bedding at 45 deg TCA; perv chl alt'n; 90.1 to 90.4m coarse Tuff (Lappilli or Pyroclastic Flow); at 90.6 to 101.7m sil-dol perv alt'n with minor ser in bedding / frac's, 2-8% fg py in matrix with qtz-dol vn'lets at 2 to 6mm wide with py at 15 to 30 deg TCA and few 60 deg TCA; 98.4m 1 cm wide py vn with adjacent qtz-dol vn at 65 deg TCA; irregular contact
BG11-127	101.70	206.30	FP		Feldspar Porphyry	mauve	red mauve	aph	med			non-magnetic; bimodal sized feld pheno's up to 5mm in diameter; some perv red matrix section possibly due to weak oxy'd hem; weak qtz-dol and qtz vn'ing at 25 to 65 deg TCA; **179.5 to 196.1m New Zone? moderate to strong Fracture-Flt Zone mod red oxy'd hem sections with strong perv sil'n+ 192.5 to 192.8 qtz-dol hydrothermal bx, 1-10% py in frac's + discontinuous frac's+ as replacement in matrix, occassional flt-slips with graphite and mo at predominantly 10 to 40 deg TCA sometimes Flt Breccia**; Mafic Dyke or diabase at 183.3 to 183.55m; sharp definitive contact at 60 deg TCA
BG11-127	206.30	222.40	13c		Diorite	med green		aph	fine			non-magnetic; low grade perv chl metamorph with patchy sections of carb alt'n; some py vn's in carb+epi halo near upper contact with FP specifically at 207.3 1.5 95% py vn in carb; increase in diss py from 219.7 to 222.4m up to contact;irregular contact
BG11-127	222.40	226.10	2f		Tuff	med green		fine				non-magnetic; aph matrix, perv chl; 223.3 to 224.5m FP unit irregular contacts; 225.2 to 226.1m possible disegregated bands - possible structural texture at 30 deg TCA; sharp definitive irregular contact with FP
BG11-127	226.10	270.60	FP		Feldspar Porphyry	brown mauve	light brown green	aph	med			non-magnetic; fractured sections with ser+chl+wk pale red oxy'd hem with <1% to 3% py in qtz-dol vn'ing; sharp irregular lower contact - broken core
BG11-127	270.60	274.60	13c		Diorite	dk green	orange brown	aph	fine			magnetic in patchy sections; vague pale pink feld pheno's; low grade metamorph perv chl, 5-10% late white carb vn'ing; sharp definitve lower contact at 25 deg TCA
BG11-127	274.60	276.40	FP		Feldspar Porphyry	red-orange brown		aph	med			non-magnetic; 10-15% qtz-ank-dol; mod low angle frac's with py+chl+ser+qtz-dol; strong Flt at 274.8 to 274.9m at 25 deg TCA with qtz-dol+blk qtz
BG11-127	276.40	478.40	13c		Diorite	med green	reddish brown	aph	fine			non-magnetic to magnetic (gen magn in fresh diorite w late qtz-dol vns; non-mag where min'd, alt'd, leux); Gen unit has RQD=80-90 - very competent w zones of BG; variable perv chl and sil+dol lt'n with 10-15% late qtz-dol-carb vn'ing predominantly at 55 to 90 deg TCA; 279.05 to 286.5 weak to moderate sil-dol perv alt'n with minor ser in hairline slips with late qtz-dol and qtz-carb vn'ing with minor fg py in grey qtz-carb vn'ing and rare cpy in qtz vn's; zones w 2-3% mg spec hem + red hem staining; epd veining increases w depth with ~2% epd vns after 408 m and >5% after 448 m depth w perv epd alt; **South zone btw 364.6-377.7** starting at 364.6 m at a 10 cm chl-ser shear zone @35 w the strongest min'd zone btw 371.5-322 w >60% vc euh py @0 to CA; The South Zone is perv alt'd by chl + carb and py is ass w qtz-dol-chl + 15% leux @0-40 to CA; **Bidgood Main Break** 473-478.4 w flt gouge at 473-473.1 m - hly sheared w ser-chl-qtz-dol-ank + dol angular inclusion clasts
BG11-127	478.40	483.30	FP		Feldspar Porphyry	red	tan-brown	fine				non mag; bleach'd in some areas but mostly light red w 0.1-0.2 cm glassy qtz phenos; 5% qtz-ank-dol vns + fracs some chl'd w tr py; grad ser-chl-dol-qtz sheared contact @ 55
BG11-127	483.30	510.00			Diorite	lg gn	dk gn	fine				between 483.4-493 m shear and fracture zone related to Main Bidgood Break w qtz-dol-carb-chl alt + veining w 1-5% py; fsh diorite from 496 m w 2-3% late qtz-dol vns; RDQ= 80-90 - very competent w small zones of BG; increasing epd alt w depth to EOH at 510 m
BG11-128	0.00	5.20			Casing							

Hole_ID	From	To	Lith 1	Lith 2	Lithology Name	Colour1	Colour2	Grain Size 1	Grain Size 2	Text	Text	Description
BG11-128	5.20	11.35	13e		Syenite	dk red	gy blue	aph	fine			non to weakly magnetic; mafic syenite to more basic syenite downhole; 1-2% late wt to pk 0.1 - 0.5 cm dol-ank vns some w vuggy texture; 0.1 cm chl'd fracs + chl'd clots throughout + 1-2% diss py in zones; from 9.7-9.9 m dk red w large >2 cm chl clots w ass 5% cse diss py; lower contact sharp @35 TCA
BG11-128	11.35	26.80	FP		Feldspar Porphyry	pk red	gn tan	fine				non magnetic; 0.1-0.3 cm wt felds phenos often chl'd; 1-2% 0.1-0.3 cm late pk to wt dol-ank vns; perv red oxy'd hem in zones + green chl'd in fracs and zones; btw 19.6-19.8 m lg gn intrusive porphyry w coarser glassy 0.5 cm qtz phenos + 2% mg diss py along fracs; lower sharp contact @30 TCA
BG11-128	26.80	34.10	2f		Tuff	red	gny blk	fine				non-magnetic; gritty fine matrix with rare round to sub round chl'd clasts; perv red oxy'd hem + ser in <0.1 cm fracs; 1% 0.1-0.2 cm carb vns + blk qtz-dol vns; lower sharp contact @40 TCA
BG11-128	34.10	74.50	13e		Syenite	dk red	tan pk	aph	fine			non magnetic; chl'd fracs + rare subrounded chl'd clasts; qtz-dol vns @20-65; py ass w >0.1 cm chl'd fracs + qtz-carb vns + tr fg diss; Min'd zones: 50.4-51, 52.35-52.34-52.38; Gradual lower contact @20 TCA
BG11-128	74.50	83.45	FP		Feldspar Porphyry	lg gn	pk red	fine				non magnetic w 0.1-0.2 cm wt felds phenos often chl'd + chl clasts; Sharp lower contact min'd chl slip @15 TCA
BG11-128	83.45	85.75	2f		Tuff	red	gn	fine				non magnetic; gritty fine matrix w sil'd areas/clasts + 1% qtz-dol vns @35-45; py ass w 0.1 cm chl'd fracs + rare subrounded chl clasts; gradual lower contact @55 TCA
BG11-128	85.75	106.40	FP		Feldspar Porphyry	gny gy	gy pink	fine				non-magnetic w 0.1-0.2 cm wt felds phenos often chl'd; subrounded chl clasts also present some ranging up to 5 cm at 115.8 m; btw 95.1-95.35 larger <0.5 cm clasts and almost bimodal texture w glassy qtz phenos; Sharp lower contact @50 TCA
BG11-128	106.40	107.20	2f		Tuff	gy gn		fine				non magnetic and gritty fine grained matrix; cse diss py conc in chl'd zones; <1% 0.1 cm carb vns; sharp lower contact @35 TCA
BG11-128	107.20	130.00	FP		Feldspar Porphyry	gy pink	dk gn	fine				non-magnetic w 0.1-0.2 cm wt felds phenos often chl'd; 1% late wt 0.1-0.2 cm dol vns; sharp lower contact @35 TCA
BG11-128	130.00	135.40	13e		Syenite	dk red		aph	fine			non magnetic; chl'd fracs + 2-3% subrounded chl'd clasts; sharp lower qtz-ank vn contact @45 TCA
BG11-128	135.40	189.00	BP		Bimodal Porphyry	dk red		fine	med			non magnetic; phenocrysts range from 0.1-1 cm w bth wt to pk felds phenos + glassy qtz phenos; lg phenos are euh cubes whereas smaller phenos are anh + subrounded; 2% spec hem in qtz-carb vns + diss; gradational trailing contact @50 TCA
BG11-128	189.00	198.40	13e		Syenite	dk red	lg pk	fine				non magnetic; chl'd fracs + rare subrounded chl'd clasts; 1-2% qtz-ank vns @10-60; mod red oxy'd hem sections w 1-10% py in fracs representing wk new zone; btw 194.5-198.4 zone stronger representing **New Zone?** w grey-blue qtz vns w >50% cse py; Min'd zones: 194-194.3, 195.15-195.17, 197.35-198.3; gradational trailing contact @15 TCA
BG11-128	198.40	207.45	FP		Feldspar Porphyry	lg gn	tan pk	fine				non magnetic w 0.1-0.2 cm wt felds phenos often chl'd gn + ; minimal veining w 1% qtz-carb vns @15-90; sharp lower contact @40 TCA
BG11-128	207.45	226.00	13c		Diorite	dk gn	lg gn	fine				non magnetic; 5% late white carb vn'ing + 1-3% diss py in matrix, occasionally in carb vn'ing; 2-20% leux esp in min'd zones; Min'd zones: 220.7-221.6; sharp lower contact at hly sil'd mineralized slip and subsequent shear zone @20 representing start of a new **New Zone**
BG11-128	226.00	283.00	FP		Feldspar Porphyry	mar red	lg pk	fine				non magnetic; 0.1-0.2 cm wt felds phenos + subrounded chl clasts; 1-3% 0.1-3 cm late carb veining @15-65 incl a brecciated qtz-carb vn at 251m @45; begining of lithology is hly sil'd new **New Zone** btw 226 to 228.2 w 10-30% sulphide btw 227.6-228.2 hosted in chl'd slips/fracs + ass w late ank vns + groundmass replacement; the new New Zone is followed by a ser-ank shear zone btw 228.8-230.3 m @60 which marks begining of change in lithology from diorite to FP at 230.35; spec hem increases w depth to 2-3% near contact; Min'd zones: 226-226.3, 227.6-228.2, 231.3-231.35; lower contact extremely gradational chl-carb shear zone btw 282.5-283.1 @65

Hole_ID	From	To	Lith 1	Lith 2	Lithology Name	Colour1	Colour2	Grain Size 1	Grain Size 2	Text	Text	Description
BG11-128	283.00	540.40	13c		Diorite	dk gn		fine				non magnetic in min'd or alt'd zones to magnetic in fresh zones; 2-5% late wht to pk carb vning gen @25-85 and occasionally min'd; 1-3% diss py in matrix often ass w areas of leux, up to 20%; <1-3% diss spec hem in groundmass; 1-4% epd vns + alt as spots common; magn rare but can be found in the groundmass as replacement; alt commonly chl + silicified zones; RQD= 80-90 w zones of BG; btw 326.1-330.2 shear zone w sheared carb vns + sil'd zones + perv chl + ser alt; zones such as from 342 to 348m and 480 to 505m show heavy epd alt w 10% epd veining and spotting and less late carb veining; btw 382-387.6 m hly broken ground followed thereafter by an alteration zone btw 391.7- 405 m which is characterized by lg gn to gt pk colouration due to perv chl + carb alt, shearing, pk carb veining + zones of sil alt; in this alt zone min is found in a carb alt'd weak zone w 3-5% py in fracs btw 398.2-398.6m, 50% leux and 5% mg diss py btw 399.2-399.6m and 20% leux and 25% mg diss py btw 403.7-404.4m; btw 415-415.1 small porphyry intrusive in diorite w 0.2 cm felds phenos; **Main Break** btw 522.6-527.5m w main flt gouge at 525.9-526m; Main Break characterized by heavy shearing @25, chl alt + carb veining; Main Break min'd btw 522.8-523m w>80% cse py hosted in a carb vn @25 and 524.6-524.7m w 60% cse py diss in chl alt zone; beyond the Main Break is an ass alteration zone btw 535.2-544.6m w zones of shear and ass min'd btw 535.5-535.55, 541.7-542, 543.1-543.2, 543.8-544.2; 4 ft opening btw approx 540.4-541.6; btw 549-552.3m diorite has red angular to subrounded inclusion clasts with phenocrysts; from 628.3 to 635 diorite has inclusions of feldspar porphyry as both clasts and as distinct zones with porphyrtic textures; **other min'd zones 465.15-465.25 (Poss wk South Zone vn?),** 515-515.15, 522-522.2;
BG11-128	540.40	541.70	150		Stope							
BG11-128	541.70	646.00	13c	Diorite	dk gn		fine					
BG11-128	646.00	665.50	13cbx		Diorite Breccia	med green	pale green	fine	med			non-magnetic; similar to previous unit with perv weak to mod chl alt'n with sections of leuc flecs but rounded to sub angular clasts up to 6cm in diameter some looking 'absorbed'; occasional localized shear sections <20 cm wide with brittle frac'ing + up to 20 % carb-qtz+qtz-ank vn'ing
BG11-128	665.50	698.74			Diorite	med green	dk green	fine	med			magnetic with non-magnetic sections with clots filled with magnetite and 690.65 to 690.75m 7cm wide magnetic band at 45 deg TCA ; blotchy appearance with chl'd amygdules or phenocrysts mod to strong chl alt'n; mod pale white late carb vn'ing; 681.6 to 682.65m possible feldspar porphyry intrusive; 683.6- 684.2m fg diorite dyke with 3-5% fg py diss in matrix, low angle TCA irregular contact at 683.6m; 698 to FP contact mod frac'ing with ser+chl+ one to two 0.5cm purple -white carb vn'lets; lower contact definitive at 70 deg TCA
BG11-128	698.74	702.00			Feldspar Porphyry	dk mauve		aph	med			non-magnetic; mauve coloured, bimodal sized feld pheno's; weak frac'ing with carb+ chl; 702m EOH
BG11-129	0.00	10.10	100		Casing							
BG11-129	10.10	42.00	13c		Diorite	dk gy	gy-gn	med				25%-60% pk-pa gy feld in chl; hily mag except in min'd leuco zones; no epi; competent-RQD=80; 3-5% leucoxene locy conc at min'd zones; hily cbd; 2% q-ank vn's locy conc gen @45-80; 1% cse d py locy conc; min'd @10.1-15.0, 36.4-38.45; **BT STOPE@42.0-16'**
BG11-129	42.00	46.80	150		Stope							EOH
BG11-130	0.00	7.20	100		Casing							
BG11-130	7.20	89.40	13c		Diorite	dk gy	gy-gn	med				25%-60% pk-pa gy feld in chl; hily mag except in min'd leuco zones; 1-2% epi locy conc as clots/vn's dec'g after 42.0; competent-RQD=60; 3-5% leucoxene locy conc at min'd zones; hily cbd; spec hem locy, esp after 51.0; ct w different diorite @61.7@50 where it becomes aph med gn-gy, non mag, and sim appearance to basalt but w 25% 1/16" dk gn chl'd phenos- (almost syenite-like before this ct w red-br hue (hem'n likely)); 2% q-ank vn's locy conc gen @65; 1% cse d py locy conc; MAIN BRK @79.4-79.8; min'd @47.3-47.6, 75.6-76.8 (strong), 77.5-77.9, 79.1-79.4, 84.6-84.7; flt ct
BG11-130	89.40	173.80	13cbx		Diorite Bx	gy	gn-gy	cse	med			10% bx frag's up to 0.1m in dio (could be tuff); 3% clots epi dec'g locy to 135.0 then inc'g to 10% clots @150.0-173.8; resorbed ct's rounded; non magnetic, except @92.9-95.0 where hily mag w ct's shrp nat @28+65-dyke/chill zone?; competent-RQD=70 except =30@117.0-120.5 =10@172.5-173.8; bx ends locy to nondescript dio@104.6-116.8-then picks up locy; - alt'd @116.8-130.0; posy trachyte @144.85 (flt ct)-146.25 shrp sil'n ct @45 w pseudoleucites but could be just chl'd 1/4" bx frag's; non cbd; fg matrix feld+ 20% mafics -chl after horn?;min'd@119.5-120.2, 127.4-128.2; ct in BC
BG11-130	173.80	185.40	13c		Diorite	dk gn		fine				dk gn aphanitic w 5% fract/vn epi; homogeneous; not competent-RQD=10; hily cbd; indistinct ct

Hole_ID	From	To	Lith 1	Lith 2	Lithology Name	Colour1	Colour2	Grain Size 1	Grain Size 2	Text	Text	Description
BG11-130	185.40	195.00	13cbx		Diorite Bx	gy	gn-gy	cse	med			10% bx frag's up to 0.1m in dio (could be tuff); 3% clots epi; resorbed ct's rounded; non magnetic; competent-RQD=50 except =20@188.0-190.5, =0@190.5-195.0; non cbd; min'd @185.9-187.4, 192.5-192.7;
BG11-131	0.00	6.40	100		Casing							
BG11-131	6.40	94.50	13c		Diorite	dk gy	gy-gn	med				25%-60% pk-pa gy feld in chl; hily mag except in min'd leuco zones; 1-2% epi locy conc as clots/vn's dec'g after 57.0; competent-RQD=50; 3-5% leucoxene locy conc at min'd zones; hily cbd; spec hem locy, esp after 57.0; ct w different diorite @ 82.8@55 where it becomes aph med gn-gy, non mag, and sim appearance to basalt but w 25% 1/16" dk gn chl'd phenos- (almost syenite-like before this ct w red-br hue (hem'n likely)); 2% q-ank vn's locy conc gen @70; 1% cse d py locy conc; MAIN BRK @87.8-94.5 with main flt @93.0-94.5; min'd @7.1, 16.3-17.5, 18.0-18.1, 22.1-22.2, 34.7-35.6 (strong), 43.5-43.6, 79.8-79.9, 86.8-88.9, 92.1-94.5; BRK is trailing ct but could be @82.8 (can't see frag's though)
BG11-131	94.50	141.00	13cbx		Diorite Bx	gy	gn-gy	cse	med			10% bx frag's up to 0.1m in dio (could be tuff); 3% clots epi; resorbed ct's rounded; non magnetic, except @103.0-114.5 where hily mag @103.0-105.0, then mody mag- & hily mag chill zone @132.4- w ct in BC but posy @75; competent-RQD=60; non cbd; fg matrix feld+ 20% mafics -chl after horn?;min'd@121.5-121.8
BG11-132	0.00	4.00	100		Casing							
BG11-132	4.00	68.80	13c		Diorite	dk gy	gy-gn	med				25%-60% pk-pa gy feld in chl; hily-mody mag except in min'd leuco zones; 1-3% epi vn's+clots locy conc; generally fresh-not much alt'n/bl'g etc.; competent-RQD=70; 3-5% leucoxene locy conc at min'd zones; hily cbd; locy up to 5% spec; 2% q-ank vn's locy conc gen @50; 1% cse d py locy conc; min'd @20.2-20.4, 25.8, 68.05; shrp nat trailing ct @50
BG11-132	68.80	98.50	BP		Bimodal Porphyry	pur-br	gy	Cse				fresh; competent-RQD=80; 10% 1/4"euhedral feld phenos+30%feld +10%qtz 1/8" phenos; <1% q-ank-epi vn's to 1/8"@30 gen; non cbd; homogeneous; non mag; shrp nat trailing ct@40; chl'd zones locy
BG11-132	98.50	110.80	13c		Diorite	med gy	br	fine				25%-60% pk-pa gy feld in chl; hily-mody mag except in min'd leuco zones; no epi vn's+clots; wy sil'd+wy bl'd; generally hily alt'd; competent-RQD=70; rare leucoxene locy conc at min'd zones; non cbd; 2% q-ank vn's locy conc gen @45; 1% cse d py locy conc; min'd @103.75, 106.4-106.6, 109.95-110.6; shrp nat trailing ct @50
BG11-132	110.80	114.60	BP		Bimodal Porphyry	pur-br	gy	Cse				fresh; competent-RQD=80; 10% 1/4"euhedral feld phenos+30%feld +10%qtz 1/8" phenos; 1% q-ank vn's to 1/8"@45 gen; non cbd; homogeneous; non mag; shrp nat trailing ct@45;
BG11-132	114.60	116.30	13cbx		Diorite Bx	gn	gn-buff	cse	med			a few bx frag's up to 0.1m in dio (could be tuff); no clots epi; resorbed ct's rounded; non mag; competent-RQD=70; non cbd; 3% q-ank @30; indistinct trailing ct
BG11-132	116.30	123.60	QFP		Quartz Feldspar Porphyry	br	buff	fine				non mag; no obvious phenos but 3% emerald gn 1/8" xeno's-could be hily alt'd dio bx; hily alt'd-hily bl'd; 15-20% q-ank vn's to 0.1m @45-70 locy conc; all min'd; non cbd; competent-RQD=70; trailing ct is MAIN BRK; multiple other flt's
BG11-132	123.60	162.00	13cbx		Diorite Bx	gy	gn-gy	cse	med			a few bx frag's up to 0.1m in dio (could be tuff); no clots epi until 135.0, then inc'g downhole to 20%; resorbed ct's rounded;locy hily magnetic to 126.5, then non mag; competent-RQD=90; hily cbd; fresh; locy 1-4% cse d py; 2% q-ank vn's @70
BG11-133	0.00	4.00	100		Casing							
BG11-133	4.00	52.50	13c		Diorite	dk gy	gy-gn	med				25%-60% pk-pa gy feld in chl; hily-mody mag except in min'd leuco zones; 1-3% epi vn's+clots locy conc; generally fresh-not much alt'n/bl'g etc.; competent-RQD=70; 3-5% leucoxene locy conc at min'd zones; hily cbd; 2% q-ank vn's locy conc gen @70; 1% cse d py locy conc; min'd @ 4.2, 5.85-5.9, 7.1-7.2; posy boulders @4.0-4.55 (but all are dio-think it is bedrock); shrp nat trailing ct @50
BG11-133	52.50	105.90	BP		Bimodal Porphyry	pur-br	gy	Cse				fresh; competent-RQD=80; 10% 1/4"euhedral feld phenos+30%feld +10%qtz 1/8" phenos; <1% q-ank-epi vn's to 1/8"@30 gen; non cbd; homogeneous; non mag; flt trailing ct
BG11-133	105.90	113.10	13cbx		Diorite Bx	gy	gn-gy	cse	med			10% bx frag's up to 0.1m in dio (could be tuff); no clots epi; a few resorbed ct's rounded; hily magnetic; competent-RQD=90; hily cbd; 3-5% q-ank vn's gen @65; shrp nat trailing ct @70;
BG11-133	113.10	118.10	13e		Syenite	red-br	red	fine	medium			homogeneous; 3/4" xenolith; locy mody mag; hily cbd; competent-RQD=70; locy wy hem'd; posy shrp nat trailing ct@65; min'd @122.7-123.5
BG11-133	118.10	125.85	13cbx		Diorite Bx	gy	gn-gy	cse	med			a few bx frag's up to 0.1m in dio (could be tuff); no clots epi; resorbed ct's rounded;locy hily magnetic to 121.8, then non mag; competent-RQD=90; hily cbd; shrp nat trailing ct @70;
BG11-133	125.85	126.95	BP		Bimodal Porphyry	pur-br	gy	Cse				fresh; competent-RQD=80; 10% 1/4"euhedral feld phenos+30%feld +10%qtz 1/8" phenos; <1% q-ank-epi vn's to 1/8"@30 gen; non cbd; homogeneous; non mag; shrp nat trailing ct @75

Hole_ID	From	To	Lith 1	Lith 2	Lithology Name	Colour1	Colour2	Grain Size 1	Grain Size 2	Text	Text	Description
BG11-133	126.95	195.00	13cbx		Diorite Bx	gy	gn-gy	cse	med			a few bx frag's up to 0.1m in dio (could be tuff); no clots epi until after 153.0- then 5-10%, and 20% @174.0-195.0; resorbed ct's rounded;non magnetic; competent-RQD=90; hily cbd; shrp nat trailing ct @; MAIN BRK@138.0-1" gouge; small Intermediate dyke@142.3-142.7m is aph+hily mag@50;
BG11-134	0.00	25.00	100		Casing							block @start says 24 but measured back from next block- although could be lost core in BC area but no block there
BG11-134	25.00	29.95	13cbx		Diorite Bx	gy	gn-gy	cse	med			10% bx frag's up to 0.1m in dio (could be tuff); no clots epi; resorbed ct's rounded; non magnetic; competent-RQD=60 except =0@26.0-27.05; hily cbd; locy lim'd; trailing ct in BC
BG11-134	29.95	30.75	QFP		Quartz Feldspar Porphyry	buff	yel	medium				non mag; hily bl'd; in BC; 30% feld phenos to 1/4"- maybe some qtz; non cbd; not competent-RQD=10; trailing ct in BC
BG11-134	30.75	39.00	13e		Syenite	red-br	red	fine	medium			syenite; homogeneous; non mag; hily cbd; rare blk xeno's to 1"; competent-RQD=50; trailing ct is MAIN BRK
BG11-134	39.00	46.90	13c		Diorite	dk gy	gy-gn	med				25%-60% pk-pa gy feld in chl; hily mag except in min'd leuco zones; no epi; competent-RQD=80; 3-5% leucoxene locy conc at min'd zones; hily cbd; 2% q-ank vn's locy conc gen @70; 1% cse d py locy conc; min'd @39.7-39.8, 40.4, 43.4-43.5; shrp nat trailing ct@45; MAIN BRK @39.0-39.6 but no gouge-washed out in BC?
BG11-134	46.90	91.40	13cbx		Diorite Bx	gy	gn-gy	cse	med			10% bx frag's up to 0.1m in dio (could be tuff); no clots epi; resorbed ct's rounded; non magnetic; competent-RQD=70 except =0@26.0-27.05, =30@83.0-90.5; hily cbd; locy lim'd; shrp nat trailing ct @55; min'd @58.55-59.2, 67.4-67.5, 87.0-87.7, 88.65-88.85, 89.5-89.8, 91.1-91.4
BG11-134	91.40	100.30	13c		Diorite	dk gy	gy-gn	med				25%-60% pk-pa gy feld in chl; non mag; 3% epi vn's; competent-RQD=70; 3-5% leucoxene locy conc at min'd zones; hily cbd; 2% q-ank vn's locy conc gen @70; 1% cse d py locy conc; min'd @39.7-39.8, 40.4, 43.4-43.5, 92.3-92.4, 96.0, 99.0-99.4; shrp nat trailing ct@45;
BG11-134	100.30	117.00	BP		Bimodal Porphyry	pur-br	gy	Cse				fresh; competent-RQD=90; 10% 1/4"euhedral feld phenos+30%feld +10%qtz 1/8" phenos; <1% q-ank-epi vn's to 1/8"@45 gen; non cbd; homogeneous; shrp nat trailing ct @35;
BG11-134	117.00	128.20	13c		Diorite	dk gy	gy-gn	med				25%-60% pk-pa gy feld in chl; non mag; 3% epi vn's; competent-RQD=80; 5% leucoxene locy conc at min'd zones; non cbd; 2% q-ank vn's locy conc gen @70; 1% cse d py locy conc; min'd @117.0-117.1; shrp nat trailing ct@20;
BG11-134	128.20	145.50	BP		Bimodal Porphyry	pur-br	gy	Cse				fresh; competent-RQD=70; 10% 1/4"euhedral feld phenos+30%feld +10%qtz 1/8" phenos; <1% q-ank-epi vn's to 1/8"@45 gen; non cbd; homogeneous; shrp nat trailing ct @17;
BG11-134	145.50	154.50	13c		Diorite	dk gy	gy-gn	med				25%-60% pk-pa gy feld in chl; non mag; 3% epi vn's; competent-RQD=80; 5% leucoxene locy conc at min'd zones; non cbd; 2% q-ank vn's locy conc gen @70; 1% cse d py locy conc; trailing ct in BC;
BG11-134	154.50	164.60	13cbx		Diorite Bx	gy	gn-gy	cse	med			10% bx frag's up to 0.1m in dio (could be tuff); 3% clots epi; resorbed ct's rounded; non magnetic; competent-RQD=70; hily cbd; locy lim'd; shrp nat trailing ct @55; min'd @162.5-162.6; no min'n @ BT **STOPE@164.6-16'**
BG11-134	164.60	169.40	150		Stope							EOH
BG11-135	0.00	19.60	100		Casing							
BG11-135	19.60	20.05	13cbx		Diorite Bx	gy	gn-gy	cse	med			10% bx frag's up to 0.1m in dio (could be tuff); no clots epi; resorbed ct's rounded; non magnetic; competent-RQD=80; hily cbd; locy lim'd; trailing ct in BC;
BG11-135	20.05	24.55	QFP		Quartz Feldspar Porphyry	buff	yel	medium				non mag; hily bl'd; in BC; 30% feld phenos to 1/4"- maybe some qtz; non cbd; not competent-RQD=30; trailing ct in BC; 3% q-ank vn's@30; block saying" seam @23.2-24.0 in hily shr'd ser-chl
BG11-135	24.55	36.70	13c		Diorite	dk gy	gy-gn	med				25%-60% pk-pa gy feld in chl; hily-mody mag except in min'd leuco zones; no epi; competent-RQD=70; 3-5% leucoxene locy conc at min'd zones; hily cbd; 2% q-ank vn's locy conc gen @60-80; BP inlier @40@35.95-36.1; 1% cse d py locy conc; min'd @24.0-24.3, 25.7-25.8, 36.1-36.2; shrp nat trailing ct@65;
BG11-135	36.70	40.55	BP		Bimodal Porphyry	pur-br	gy	Cse				fresh; competent-RQD=70; 10% 1/4"euhedral feld phenos+30%feld +10%qtz 1/8" phenos; <1% q-ank-epi vn's to 1/8"@60 gen; non cbd; homogeneous; non mag; trailing ct @65 on slip;
BG11-135	40.55	69.20	13c		Diorite	dk gy	gy-gn	med				25%-60% pk-pa gy feld in chl; hily-mody mag to 46.0 except in min'd leuco zones-then non mag; no epi; competent-RQD=60; 3-5% leucoxene locy conc at min'd zones; hily cbd; 2% q-ank vn's locy conc gen @60; 1% cse d py locy conc; min'd @46.8-46.9; indistinct trailing ct;
BG11-135	69.20	70.70	13e		Syenite	red-br	red	fine	medium			could be dio bx but shrp ct @ end; homogeneous; non mag; hily cbd; competent-RQD=70; shrp nat trailing ct@65
BG11-135	70.70	116.00	13cbx		Diorite Bx	gy	gn-gy	cse	med			10% bx frag's up to 0.1m in dio (could be tuff); 3% clots epi; resorbed ct's rounded; non magnetic; competent-RQD=70 except =50@128.0-132.0; hily cbd; min'd @56.9-57.1, 59.65-60.3, 76.0-76.2 ; MAIN BRK@53.8-53.9 ; indistinct ct

Hole_ID	From	To	Lith 1	Lith 2	Lithology Name	Colour1	Colour2	Grain Size 1	Grain Size 2	Text	Text	Description
BG11-135	116.00	173.80	13c		Diorite	dk gy	gy-gn	med				25%-60% pk-pa gy feld in chl; non mag; 3-5% clots epi; competent-RQD=80; 3-5% leucoxene locy conc at min'd zones; hily cbd; rare q-ank vn's locy conc gen @45; 1% cse d py locy conc; min'd @121.3-122.0, 123.0-123.6, 125.7, 130.5, 140.0-141.1, 143.5-143.6, 155.5-155.7, 156.2-156.7 ; shrp nat trailing ct@50;
BG11-135	173.80	175.00	BP		Bimodal Porphyry	pur-br	gy	Cse				fresh; competent-RQD=70; 10% 1/4"euhedral feld phenos+30%feld +10%qtz 1/8" phenos; <1% q-ank-epi vn's to 1/8"@60 gen; non cbd; homogeneous; non mag; shrp nat trailing ct @45;
BG11-135	175.00	176.95	13c		Diorite	dk gy	gy-gn	med				25%-60% pk-pa gy feld in chl; non mag; 3-5% clots epi; competent-RQD=80; 3-5% leucoxene locy conc at min'd zones; hily cbd; rare q-ank vn's locy conc gen @45; 1% cse d py locy conc; shrp nat trailing ct@60;
BG11-135	176.95	183.75	BP		Bimodal Porphyry	pur-br	gy	Cse				fresh; competent-RQD=90; 10% 1/4"euhedral feld phenos+30%feld +10%qtz 1/8" phenos; non cbd; homogeneous; non mag;shrp nat trailing ct @75;
BG11-135	183.75	198.40	QFP		Quartz Feldspar Porphyry	br	buff	medium				non mag; 30% anhedral 1/8"glassy-gnish qtz phenos+30% feld phenos; non cbd; 1% q-ank @30; competent-RQD=90; hily bl'd freshens downhole; blocks off by 3m @195+198 (=192+195)
BG11-136	0.00	25.50	100		Casing							
BG11-136	25.50	42.00	13cbx		Diorite Bx	gy	gn-gy	cse	med			10% bx frag's up to 0.1m in dio (could be tuff); no clots epi; resorbed ct's rounded; non magnetic; not competent-RQD=20; hily cbd; locy lim'd; trailing ct is indistinct;min'd @ 29.9-30.0, 34.4-35.3; LC@37.7-39.0, 40.6-41.9 w GC+BC
BG11-136	42.00	57.10	13c		Diorite	dk gy	gy-gn	med				25%-60% pk-pa gy feld in chl;non mag; no epi; competent-RQD=70; 3-5% leucoxene locy conc at min'd zones; hily cbd; 5% q-ank vn's locy conc gen @40-70; 1% cse d py locy conc; min'd @ 43.65-44.4, 49.5, 52.7-53.0, 55.1-55.3; trailing ct is MAIN BREAK;
BG11-136	57.10	82.15	13cbx		Diorite Bx	gy	gn-gy	cse	med			10% bx frag's up to 0.1m in dio (could be tuff); no clots epi; resorbed ct's rounded; non magnetic; not competent-RQD=20; hily cbd; locy lim'd; shrp nat trailing ct @45; min'd @ 29.9-30.0, 34.4-35.3, 65.1-65.2, 75.8-76.0,; LC@37.7-39.0, 40.6-41.9, w GC+BC
BG11-136	82.15	87.70	QFP		Quartz Feldspar Porphyry	br	buff	medium				looks like the por bx but 75% por here; non mag; 30% anhedral 1/8"glassy-gnish qtz phenos+30% feld phenos; non cbd; 1% q-ank @60; competent-RQD=90; 5% cse d py locy conc w 10% q-ank+ ser+ 10% leuco in dio inliers; shrp nat trailing ct @50
BG11-136	87.70	91.95	13cbx		Diorite Bx	gy	gn-gy	cse	med			10% bx frag's up to 0.1m in dio (could be tuff); no clots epi; resorbed ct's rounded; non magnetic; competent-RQD=90; hily cbd; shrp nat trailing ct @50; 5% q-ank@55
BG11-136	91.95	93.65	QFP		Quartz Feldspar Porphyry	br	buff	medium				non mag; 30% anhedral 1/8"glassy-gnish qtz phenos+30% feld phenos; non cbd; 1% q-ank @60; competent-RQD=90; shrp nat trailing ct @45
BG11-136	93.65	102.40	13cbx		Diorite Bx	gy	gn-gy	cse	med			25% bx frag's up to 0.1m in dio (could be tuff); no clots epi; resorbed ct's rounded; non magnetic; competent-RQD=90; hily cbd; shrp nat trailing ct @45; 20% por hily bl'd clasts to 0.1m well rounded like an agglomerate w 5-8% cse d py@ (could be cong but leuco)
BG11-136	102.40	105.90	QFP		Quartz Feldspar Porphyry	br	buff	medium				non mag; 30% anhedral 1/8"glassy-gnish qtz phenos+30% feld phenos; non cbd; 1% q-ank @60; competent-RQD=90; shrp nat trailing ct @65
BG11-136	105.90	110.10	13cbx		Diorite Bx	gy	gn-gy	cse	med			10% bx frag's up to 0.1m in dio (could be tuff); no clots epi; resorbed ct's rounded; non magnetic; competent-RQD=90; hily cbd; 20% por hily bl'd clasts to 0.1m well rounded like an agglomerate w 5-8% cse d py@ (could be cong but leuco); min'd @109.0-109.1; shrp nat trailing ct @65;
BG11-136	110.10	112.10	QFP		Quartz Feldspar Porphyry	br	buff	medium				non mag; 30% anhedral 1/8"glassy-gnish qtz phenos+30% feld phenos; non cbd; 1% q-ank @60; competent-RQD=90; shrp nat trailing ct @50
BG11-136	112.10	121.05	13cbx		Diorite Bx	gy	gn-gy	cse	med			10% bx frag's up to 0.1m in dio (could be tuff); no clots epi; resorbed ct's rounded; non magnetic; competent-RQD=90; hily cbd; shrp nat trailing ct @45;
BG11-136	121.05	135.60	13e		Syenite	red-br	red	fine	medium			could be dio bx but shrp ct @both ends; homogeneous; non mag; hily cbd; competent-RQD=70; locy wy hem'd; posy shrp nat trailing ct@45; min'd @135.1-135.5
BG11-136	135.60	157.25	13cbx		Diorite Bx	gy	gn-gy	cse	med			10% bx frag's up to 0.1m in dio (could be tuff); no clots epi; resorbed ct's rounded; non magnetic; competent-RQD=90; hily cbd; shrp nat trailing ct @40; locy @141.0-145.5, 150.4-157.25 aph dk gn like basalt but locy w bx frag's;
BG11-136	157.25	163.35	QFP		Quartz Feldspar Porphyry	br	buff	medium				different por-smaller phenos+more chl'c; non mag; 30% anhedral 1/8"glassy-gnish qtz phenos+30% feld phenos; non cbd; 1% q-ank @60; competent-RQD=90; shrp nat trailing ct @60;
BG11-136	163.35	198.00	13c		Diorite	dk gy	gy-gn	fine				chl'd; could be wacke; non mag; 2% epi; competent-RQD=90;rare leucoxene locy conc at min'd zones; hily cbd; 1% q-ank vn's locy conc gen @45; min'd @179.9-180.0 (#6 BRK?), 196.1-196.4; trailing ct ; locy aph dk gn like basalt (pillowed)
BG11-137	0.00	22.30	100		Casing							
BG11-137	22.30	46.20	13cbx		Diorite Bx	gy	gn-gy	cse	med			10% bx frag's up to 0.1m in dio (could be tuff); no clots epi; resorbed ct's rounded; non magnetic; competent-RQD=70; hily cbd; locy lim'd; trailing ct is flt;min'd @ 26.9, 27.8-27.9, 31.4; LC@27.6-27.8 w GC+BC

Hole_ID	From	To	Lith 1	Lith 2	Lithology Name	Colour1	Colour2	Grain Size 1	Grain Size 2	Text	Text	Description
BG11-137	46.20	49.20	BP		Bimodal Porphyry	pur-br	gy	Cse				fresh; competent-RQD=80; 10% 1/4"euhedral feld phenos+30%feld +10%qtz 1/8" phenos; <1% q-ank-epi vn's to 1/8"@30 gen; non cbd; homogeneous; non mag; shrp nat trailing ct @60;
BG11-137	49.20	72.00	13c		Diorite	dk gy	gy-gn	med				25%-60% pk-pa gy feld in chl; hily-mody mag except in min'd leuco zones; no epi; competent-RQD=70; 3-5% leucoxene locy conc at min'd zones; hily cbd; 2% q-ank vn's locy conc gen @60; 1% cse d py locy conc; min'd @ 43.7-44.4, 65.8-66.0, 70.9-71.2; trailing ct is MAIN BREAK;
BG11-137	72.00	110.55	13cbx		Diorite Bx	gy	gn-gy	cse	med			10% bx frag's up to 0.1m in dio (could be tuff); no clots epi; resorbed ct's rounded; non magnetic; competent-RQD=90; hily cbd; ;min'd @76.6; hily ser'd locy; locy bl'; becomes 20% por hily bl'd clasts to 0.1m well rounded like an agglomerate (could be cong) w 5-8% cse d py@89.3-110.5 -looks like bedding @53@ 98.0-105.0 (could be wacke? but it is the leuco aligned-alt'n product); leuco-py ends @113.9-then aph dk gn like basalt but locy w bx frag's; shrp nat trailing ct @70
BG11-137	110.55	112.05	QFP		Quartz Feldspar Porphyry	br	buff	medium				non mag; 30% anhedral 1/8"glassy-gnish qtz phenos+30% feld phenos; non cbd; 1% q-ank @30; competent-RQD=90; 10% med gy q-ank-spec vn's@55 to 1"shrp nat trailing ct @45
BG11-137	112.05	120.00	13cbx		Diorite Bx	gy	gn-gy	cse	med			10% bx frag's up to 0.1m in dio (could be tuff); no clots epi; resorbed ct's rounded; non magnetic; competent-RQD=70; hily cbd; w 5-8% cse d py+10% leuco- leuco-py ends @113.9-then aph dk gn like basalt but locy w bx frag's;
BG11-138	0.00	5.40			Casing							
BG11-138	5.40	10.10	13e		Syenite	dk red		aph	fine			non-magnetic; chl'd augites & frac's; weak pink-white late carb vn'ing; sharp definitive contact at 30 deg TCA
BG11-138	10.10	21.30	FP		Feldspar Porphyry	grey green	light brown-red	aph	med			non-magnetic; 20 cm weakly sheared section at upper contact adjacent to syenite at 25 deg TCA - possible dyke or Tuff section; 18.8 to 21.2m weak to mod brittle frac'ing with qtz-dol with occasional py at 25 to 45 deg TCA, matrix pale light brown-red colour - ser+chl alt'n up to strong flt at contact with Tuff; Flt at contact 30 deg TCA
BG11-138	21.30	31.75	2f		Tuff	brown red	dk to med green	aph				non-magnetic; patchy weak to strong red-oxy'd hem alt'n strongest near upper contact with FP with qtz-dol vn'lets + spec hem; Flt lower contact at 45 deg TCA
BG11-138	31.75	61.70	13e		Syenite	dk red		aph	fine			non-magnetic; narrow to hairline late frac's with qtz-dol and carb; chl'd augites and frac's; 1-2% diss py in matrix; 44.3 to 46.1m weak ser+qtz-dol + chl perv alt'n with weak brittle frac'ing generally 55 to 70 deg TCA with chl-qtz+dol + py overall 3-5% py; lower contact not clear
BG11-138	61.70	83.75	FP		Feldspar Porphyry	dk mauve	med green	aph	med			non-magnetic; weak late pink-white carb vn'ing; **75.12 to 76m local frac zone at 25 to 40 deg TCA with 3.5cm py vn 75%py + adjacent 3cm wide dk grey qtz+grey white qtz + ser in adjacent hairline frac's +moderatre porcelain white vn'lets in frac's with weak pale red red oxy'd hem**; definitive lower contact
BG11-138	83.75	84.90	2f		Tuff	med green		aph				non-magnetic; 2-7% diss py in matrix; weak late white carb vn'ing; irregular lower contact
BG11-138	84.90	86.70	FP		Feldspar Porphyry	med green		aph	med			non-magnetic; 3-5% fg diss py; weak late white carb vn'ing; 86.15 to 86.4m section of Tuff with 5-7% diss py in matrix; sharp definitve lower contact at 40 deg TCA
BG11-138	86.70	99.00	2f		Tuff	med green	light lime green	aph	fine			non-magnetic; bedding at 25 to 45 deg TCA; sections of fg argillite-wacke looking sections light lime green coloured; 92.53 to 92.9m coarse grained section poorly sorted - fled x-stals possibly x-stal tuff section; **94 to 94.9m buff orange-brown sil alt'd section with multi-py vn's up to 1cm wide with 60-85%py at 20-25 deg TCA**; lower sharp contact woth FP at 35 deg TCA with 1cm wide qtz-dol vn+py on margin
BG11-138	99.00	169.90	FP		Feldspar Porphyry	dk mauve	med green	aph	med			non-magnetic; 99.0 to 99.15m 3-5% diss py adjacent to Tuff contact, sil alt'n; 101.52-101.62m intermediate dyke sharp 75 to 85 deg TCA contact; fresh FP after 105m with few sections with narrow slips having chl+qtz-dol; 146.38 to 146.63m mafic dyke; approx 139m gradual chnage to bimodal sized feld pheno's; lower contact at 40 deg TCA with 0.5cm wide qtz-dol+chl vn
BG11-138	169.90	165.21	13e		Syenite	dk red		aph	med			non-magnetic; blotchy chl clots, weak to mod late white-pink carb vn'ing 25 to 45 deg TCA; lower contact broken core with 1.5cm wide vn + some py in Syn
BG11-138	165.21	170.50	FP		Feldspar Porphyry	med grey green		aph	med			non-magnetic; perv blotchy chl; weak late carb vn'ing; lower contact at 30 deg TCA with 7cm wide carb+chl+qtz - vuggy vn
BG11-138	170.50	172.15	13e		Syenite	dk red		aph	med			as with 169.9 to 165.21

Hole_ID	From	To	Lith 1	Lith 2	Lithology Name	Colour1	Colour2	Grain Size 1	Grain Size 2	Text	Text	Description
BG11-138	172.15	202.10	FP		Feldspar Porphyry	med grey green	orange brown	aph	med			non-magnetic; blotchy chl clots; weak late carb vn'ing; **New Zone 181 to 187.5m weak to strong brittle hairline frac'ing with chl+ qtz-dol-carb+ser at predominantly 25 and 60-65 deg TCA with sections having py in occasional vn'ing specifically at 181.7 to 182.1m with 2cm wide chl vn with 25% py and adjacent 3cm wide qtz vn at 45 deg TCA with 5% py and 10% cpy at 25 to 30 deg TCA**; *189 to 190.8m strong hairline frac'ing at 30 and 60 deg TCA with occasional py, overall 3-5% py and 192.5 to 195m mod to weak frac'ing with py vn's - frac's at ~25 and 55 deg TCA probably weaker sections of New Zone* ; sharp lower contact at 60-65 deg TCA
BG11-138	202.10	229.40	13c		Diorite	dk green		fine				non magnetic in min'd or alt'd zones but magnetic in fresh zones; 2-5% late wt dol vning @ 10-50; zones of epd alt w 2-3% epd as epy vns or blobs; py diss or found along chl'd fracs + more rarely in carb vns or qtz-carb vns; min'd breccia and ser-carb shear zone from 210 to 210.7 w 3-4% fn to cse diss py; Gradual lower contact @20
BG11-138	229.40	283.70	FP		Feldspar Porphyry	grey green	pinky red	aph	fine			non magnetic; 0.1-0.4 cm wt to lg gn subrounded felds phenocrysts + blotchy chl clots; 1-2% weak late carb vns @15-45; btw 243.9-244 grey green porphyry intrusive within the normal pink-red porphyry w diss spec hem + crosscutting ank-dol-qtz vn @35; btw 255-264m the size of the phenocrysts increases up to 0.4 cm and there appears to be two distinct sizes indicating poss bimodal porphyry - this unit is highly broken with a RDQ-20-35 and has gy purple moly min; mildly min'd chl-ser-carb-qtz shear zone btw 281.8 to 283.7 @45 TCA represents gradual contact between FP and Diorite
BG11-138	283.70	477.00	13c		Diorite	lg gn		fine				magnetic to non magnetic (usually non magnetic in min'd or alt'd zones but magnetic in fresh zones); 2-5% late wt dol vning @0-55; some areas of core show 1-3% spec diss hem esp in areas w BC which also have occassional moly and bornite w brassy py such as btw 327.6 to 328.5m where bornite, brassy py, chalco and spec hem is hosted along slips @10 TCA; zones of 1-3% epd alt w epd hosted in vns and as blotchy epd clots; btw 338.6 to 339.8 diorite is alt'd dk red poss k-spar alt w blotchy chl alt and 3% diss mg py and carb slips @20 TCA; **South Zone btw 354-388.7** characterized by 2-20% leux flecs w py filled vns gen @30-50 TCA w 2-7% py; 0.5-2 cm wide carb vns also present @30-35 TCA including 1 btw 381.2-381.23 w >85% mg py; 7% qtz-dol vning also present in zone, many without sulphides; gen 1-12% py overall, representing a wk to mod min'd zone; hly mag from 405-410m due to magnetite vning; wky magnetic to non magnetic from 410-EOH; from 437- EOH 5-15% epd alt as stringy epy vns and epd blobs some which host 1% fn to mg diss py except btw 470.5-475.2m where diorite is alt'd dark red due to k-spar alt? + chl'd spots + 2% mg diss py; EOH 477 m;
BG11-139	0.00	6.00			Casing							
BG11-139	6.00	13.85	13e		Syenite	dk red	grey	fine				non magnetic; chl'd fracs + rare subrounded chl'd clasts; 1% wt to pk dol vns gen @40-50; >2% py ass w chl vns + chl'd fracs w 2-7% py in fracs btw 12.3-14.2m; Min'd @13.4-14.3; gradational lower contact @30 TCA
BG11-139	13.85	24.75	FP		Feldspar Porphyry	lg gn		fine				non magnetic; 0.1-0.3 cm wt to gn felds phenos + glassy qtz phenos + larger subrounded chl'd clasts; late pk to wt dol-ank vns @10-60; 1-3% fn to mg py ass w chl fracs + diss in the groundmass; gradational min'd lower contact @35 TCA w 3-7% py in fracs
BG11-139	24.75	27.45	2f		Tuff	red	dk grey	fine	aph			non magnetic; grainy texture; ser + chl alt in fracs w tr fg py; lime green tuff intrusive btw 28.6-29.2m w ser + chl alt + 1*15 cm qtz-chl vn @35; sharp lower qtz-chl-epd shear zone contact @50 TCA;
BG11-139	27.45	82.65	13e		Syenite	dk red	lg pk	fine				non magnetic to wkly magnetic usually in dk red fresh zones; chl'd/ser'd fracs + rare subrounded chl'd clasts; 1-3% py ass along fracs + within chl'd clasts; color change from dk to red more lg pk and slighty bleached at 45.3m and min'd increases w 2-7% py hosted along vns + in chl'd zones + in fracs; sharp lower contact @45 TCA;
BG11-139	82.65	132.07	13c		Tuff	dk gn to red	lime green	fine	aph			non magnetic w small patchy sections where weakly magnetic; bedding gen @30-45 TCA; sections of fg argillite-wacke light lime green coloured such as btw 117.6-118.5m; 1-3% late wt to pink dol vning @10-85; chl, hem, sil, ser + carb alt in zones; 2-15% leux in min'd zones; 1-5% fn to cse py diss + ass w chl'd zones and fracs + along qtz-carb vns; btw 100-102.6 coarse grained section poorly sorted - fled x-stals possibly x-stal tuff section; btw 116.3-116.5m 0.1-1 cm subrounded qtz + feldspar clasts present indicating poss porphyry dyke; very sharp lower contact min'd contact at a qtz-carb-chl vn w 3% cse py @35;
BG11-139	132.07	152.70	FP		Feldspar Porphyry	tan pk	lg gn	fine				non magnetic; 0.1-0.3 cm wt felds phenos + glassy to wt qtz phenos + larger 0.2-1 cm subrounded chl'd clasts; porphyry changes throughout from light gn w minimal veining and subdued glassy phenos to dk red w 1-2% carb veining + strong wt phenos; Sharp lower contact @50

Hole_ID	From	To	Lith 1	Lith 2	Lithology Name	Colour1	Colour2	Grain Size 1	Grain Size 2	Text	Text	Description
BG11-139	152.70	213.20	BP		Bimodal Feldspar Porphyry	dk red		fine	med			non magnetic; porphyry changes from feldspar porphyry to bimodal feldspar porphyry w larger wt to pk euhedral cube phenocrysts ranging up to 1.5 cm along w the smaller 0.1-0.4 cm phenos within a dk red groundmass; bimodal porphyry is fresh w ser alt btw phenos + hem vns + large qtz-carb vns + mn sulphide, usually tr and diss; porphyry changes from bimodal to feldspar porphyry at a sharp min'd contact @30 w ass 5% cse py in vns;
BG11-139	213.20	267.50	FP		Feldspar Porphyry	red to pk	lg gn	fine				non magnetic; 0.1-0.3 cm wt to lg gn felds phenos + glassy to wt qtz phenos + minor larger 0.2-1 cm subrounded chl'd clasts; 1-3% diss spec hem as subrounded 0.1-0.8 cm clasts; porphyry changes throughout from light gn w minimal veining and subdued glassy phenos to lg to dk red w 1-2% carb veining + strong wt phenos; 1% qtz-dol-ank vns @15-45 w tr fg py + spec hem; <2% py also ass w chl'd fracs + diss; both wt dol + pk ank present in vns; sharp lower min'd contact @30
BG11-139	267.50	576.00	13c		Diorite	dk gn		fine	aph			magnetic to non magnetic in zones, usually min'd or highly alt'd/sil'd; very wkly or non magn until 287m then magnetic from 287-293m, non mag btw 293-302m, magnetic btw 302-545.5m except in min'd + heavily alt'd zones, in zones where magn <0.5 cm magnetite vns common; non magnetic 545.5-576m EOH; 2-4% late wt dol vns @35-75 + less common pk ank vns; large areas of broken ground throughout diorite; 1-5% epd alt as vuggy vns + epd blobs, such as btw 454-469.5m w 5-7% epd vns, blobs and areas w >50% epd ; **btw 318.7-319.9m New Zone?** sil'd w 15% mauve leux + 10-15% py along vns + diss + along fracs; at 342m in ass w dol vns @60 2-3% chalco (some showing brown ox to cuprite?) + irredescent bornite + spec hem is diss within the vns and adj in the groundmass; btw 348.6-349.3m 0.1-0.4 cm wt to clear qtz + pk carb phenocrysts within groundmass containing epd + magn; this "spotted" texture is also seen in other areas of the diorite such as btw 391.3-391.9m where there is >25% leux + red felds phenos; **btw 413-419.6m South Zone VN #1 or #2 Structure** characterized by grey sil + carb alt, 10-15% leux, 2-15% py @35 TCA in py vns + fracs + in ass w carb/qtz vns; best min'd zone in South Zone Vn Structure btw 417.6-417.9m where >30% mg py is hosted within grey to pk qtz vns @25-35; btw 485-493.6m and 501.9-504.6m wk lavender alt'd zones with qtz-carb vning and min 1-5% py; following these alteration zones btw 506.9-514.1 m intersect zone w 5-10% leux + 2-20% py min'd in py vns @5-25 TCA - extremely **strong zone between 511.7-513.8m** w 25-30% py @10TCA most likely representing the **20V**; **btw 548.7-554m Main Bidgood Break** w main fault gouge btw 549.95-550.1; Bidgood Break characterized by heavy shearing @15-25 + qtz-carb vning + chl/carb alt + wk min'd w 1-3% py in fracs/diss; Other Min'd zones @370.9-371.3, 380.15-380.5, 563.1-563.7; EOH 576m;
BG11-140	0.00	4.50	100		Casing							
BG11-140	4.50	5.65	13e		Syenite	red-br	red	fine	medium			syenite; homogeneous; mody hem'd; could be boulder but flt @ start of tuff suggests ct; non mag; not cbd; all BC; not competent-RQD=20; flt trailing ct; spec+chl locy conc
BG11-140	5.65	10.00	5f		Ash Tuff	pur	gn	med	fine			no bedding/jaspers; not cbd; non mag; competent-RQD=70; min'd@9.5; shrp nat trailing ct @65; ser'd @50; could be tra; heterogenous-multiple colours
BG11-140	10.00	13.60	13e		Syenite	red-br	red	fine	medium			syenite; homogeneous; non mag; not cbd; competent-RQD=80; flt trailing ct;
BG11-140	13.60	15.80	5f		Ash Tuff	pur	gn	med	fine			no bedding/jaspers; not cbd; non mag; competent-RQD=70; flt trailing ct; ser'd @50; could be tra; heterogenous-multiple colours
BG11-140	15.80	16.80	QFP		Quartz Feldspar Porphyry	br	buff	medium				non mag; 30% anhedral 1/8"glassy-gnish qtz phenos+30% feld phenos; wy cbd; competent-RQD=90;min'd@15.8-16.0; shrp nat trailing ct @30
BG11-140	16.80	27.40	8b		Wacke	gn	br-red	fine	aph			non mag; hily cbd; competent-RQD=90;multiple grains but no jaspers; shrp nat trailing ct@45; 3-4% cse d py locy conc assd w q-ank, wk sil'n, +chl-ser; 5% q-ank; min'd@17.6-17.9, 18.7-18.8
BG11-140	27.40	27.70	QFP		Quartz Feldspar Porphyry	br	buff	medium				non mag; 30% anhedral 1/8"glassy-gnish qtz phenos+30% feld phenos; bl'd hily; ser'd; wy cbd; 5% q-ank @30; competent-RQD=90; flt trailing ct
BG11-140	27.70	44.85	8b		Wacke	gn	br-red	fine	aph			non mag; hily cbd; competent-RQD=90;multiple grains but no jaspers; shrp nat trailing ct@70; 3-4% cse d py locy conc assd w q-ank, wk sil'n, +chl-ser; 5% q-ank
BG11-140	44.85	71.50	13c		Diorite	gn	gy-gn	fine	med			non mag; chl'c; could be wacke; 1% q-ank@25; no epi; looks sim to basalt initially; pa gn alt'n locy conc;gen homogeneous; competent-RQD=80; non cbd; shrp nat trailing ct @40; min'd@45.8-46.0, 47.9-48.8, 59.0-59.1, 60.4, 69.3-69.5
BG11-140	71.50	78.80	BP		Bimodal Porphyry	pur-br	gy	Cse				fresh; competent-RQD=80; 10% 1/4"euhedral feld phenos+30%feld +10%qtz 1/8" phenos; dk gy xeno's to 1"; non cbd; shrp nat trailing ct @50;
BG11-140	78.80	126.90	13cbx		Diorite Bx	gy-br	gy-gn	fine	med			non mag except mody @85.5-86.5, ; chl'c; could be wacke; downhole bx frag's incg- 10% bx frag's up to 0.1m in dio; 1% q-ank@25; no epi; looks sim to basalt initially; pa gn alt'n locy conc;gen homogeneous; not competent-RQD=40; non cbd; shrp nat trailing ct @; min'd@94.8, 104.5-105.0, 105.7-106.6, 107.8-108.1, 108.7-109.2, 126.6-126.8; locy dk pur

Hole_ID	From	To	Lith 1	Lith 2	Lithology Name	Colour1	Colour2	Grain Size 1	Grain Size 2	Text	Text	Description
BG11-140	126.90	150.50	8a		Conglomerate	gn	br-gy	coarse	medium			polymictic; 35% large pebbles poorly sorted; non-magnetic; pervasive mod chl alteration; foliation fabric at 60 to 50 deg TCA; <1% q-ank at variable angles TCA; min'd@133.4, 136.1; MAIN BRK ct is gouge; ser'd downhole; no jasper; competent-RQD=70
BG11-140	150.50	169.30	13cbx		Diorite Bx	gy-br	gy-gn	fine	med			non mag ; chl'c; bx frag's 10% bx frag's up to 0.1m in dio; no epi; fresh; gen homogeneous; competent-RQD=70; non cbd; shrp nat trailing ct @70;
BG11-140	169.30	170.20	13e		Syenite	red-br	red	fine	medium			fresh syenite; homogeneous; non mag; not cbd; competent-RQD=90; shrp nat trailing ct @65;
BG11-140	170.20	184.60	13cbx		Diorite Bx	gy-br	gy-gn	fine	med			non mag, except mody mag@181.0-184.5; chl'c; 1% q-ank@35; no epi; competent-RQD=70; non cbd; shrp nat trailing ct @35; gy fg at first to 174.5-then bl'd+hem'd wy to 177.0-then gen fresh; min'd@179.3-179.6, 180.5-180.7
BG11-140	184.60	201.00	13e		Syenite	red-br	red	fine	medium			syenite; homogeneous; non mag; not cbd; competent-RQD=80; flt trailing ct; min'd@187.7, 190.4-190.85
BG11-141	0.00	5.50	100		Casing							
BG11-141	5.50	10.50	5f		Ash Tuff	pur	gn	med	fine			5.5-6.0m may be boulder-posy por but all BC; no bedding/jaspers; not cbd; non mag; competent-RQD=50; indistinct nat trailing ct; ser'd @70; could be tra; heterogenous-multiple colours
BG11-141	10.50	30.00	13cbx		Diorite Bx	gy-br	gy-gn	fine	med			non mag; chl'c; 1% q-ank@35; no epi; competent-RQD=70; non cbd; shrp nat trailing ct @30; min'd@19.35-21.4
BG11-141	30.00	32.85	13e		Syenite	gy		fine	medium			fresh syenite; homogeneous; 1% 1/2-3/4" ang xeno's; non mag; not cbd; competent-RQD=90; shrp nat trailing ct @45;
BG11-141	32.85	43.60	13cbx		Diorite Bx	gy-br	gy-gn	fine	med			non mag; chl'c; 1% q-ank@35; no epi; competent-RQD=70; non cbd; shrp nat trailing ct @45; min'd@35.25, 36.4, 38.35, 42.1, 42.4
BG11-141	43.60	55.00	13e		Syenite	red-br	red	fine	medium			fresh syenite; homogeneous; 1% 1/2-3/4" xeno's; non mag; not cbd; competent-RQD=90; shrp nat trailing ct @45;
BG11-141	55.00	55.70	13cbx		Diorite Bx	gy	gy-gn	fine	med			non mag; chl'c; no epi; competent-RQD=70; non cbd; shrp nat trailing ct @60
BG11-141	55.70	62.80	BP		Bimodal Porphyry	pur-br	gy	Cse				fresh; competent-RQD=90; 10% 1/4"euhedral feld phenos+30%feld +10%qtz 1/8" phenos; dk gy xeno's to 1"; non cbd; shrp nat trailing ct @50;
BG11-141	62.80	64.70	13cbx		Diorite Bx	gy	gy-gn	fine	med			non mag; chl'c; no epi; competent-RQD=70; non cbd; shrp nat trailing ct @50
BG11-141	64.70	119.20	13e		Syenite	red-br	red	fine	medium			fresh syenite-could be dio; homogeneous except hem'd wy @91.3-96.0+ser'd @97.5-100.0 w 5% q-ank; 1% 1/2-3/4" xeno's; non mag; not cbd; competent-RQD=90; flt trailing ct; min'd@82.3-83.1
BG11-141	119.20	123.40	13c		Diorite	gn	gy-gn	fine	med			non mag; chl'c; 1% q-ank@25; no epi; looks sim to basalt; gen homogeneous; locy dk gy w 15% leuco; competent-RQD=80; non cbd; shrp nat trailing ct @80;
BG11-141	123.40	124.75	QFP		Quartz Feldspar Porphyry	br	buff	medium				fresh; non mag; 30% anhedral 1/8"glassy-gnish qtz phenos+30% feld phenos; bl'd hily; ser'd; wy cbd; competent-RQD=90; shrp nat trailing ct@25
BG11-141	124.75	132.65	13c		Diorite	gn	gy-gn	fine	med			non mag; chl'c; 1% q-ank@25; no epi; looks sim to basalt; gen homogeneous; locy dk gy w 15% leuco; competent-RQD=60; non cbd; shrp nat trailing ct @80; min'd@127.9-128.1,
BG11-141	132.65	140.80	13e		Syenite	red-br	red	fine	medium			fresh syenite-could be por but can't see obvious phenos; homogeneous; rare 1/2-3/4" xeno's; non mag; not cbd; competent-RQD=90; shrp nat trailing ct @35; min'd@ 137.55-137.7
BG11-141	140.80	142.00	13c		Diorite	gn	gy-gn	fine	med			fresh; non mag; chl'c; 1% q-ank@25; no epi; looks sim to basalt; gen homogeneous; locy dk gy w 15% leuco; competent-RQD=60; non cbd; shrp nat trailing ct @65; min'd@
BG11-141	142.00	144.85	13e		Syenite	red-br	red	fine	medium			fresh syenite; homogeneous; rare 1/2-3/4" xeno's; non mag; not cbd; competent-RQD=90; flt trailing ct ; min'd@
BG11-141	144.85	176.80	13c		Diorite	gn	gy-gn	fine	med			non mag except mody mag@148.0-149.0; chl'c; 3% q-ank@35; no epi; 5-10% leuco; competent-RQD=70; non cbd; shrp nat trailing ct @;MAIN BRK@146.4-146.7; min'd@149.5-149.7, 158.2-158.9, 160.9-161.1, 162.6-162.7, 163.75-163.85, 165.4-166.7 contact at 176.8, indistinct min'd at 176.8
BG11-141	176.80	184.75	QFP		Quartz Feldspar Porphyry							fresh; non mag; 30% anhedral 1/8"glassy-gnish qtz phenos+30% feld phenos; competent 4cm py zone at 56 deg TCA
BG11-141	184.75	199.00	13c		Diorite							fresh; non mag; chl'c; 1% q-ank@25; no epi; looks sim to basalt; gen homogeneous; locy dk gy w 15% leuco; competent min'd@184.2-184.8;181.6-181.7
BG11-141	199.00	218.00	13e		Syenite?							dark grey with spec-hem.some epidote, calcite veining up to 3 cm wide low angle to 45 deg TCA, fairly void of sulphides;min'd at 209.8-210.05,cse py at 65 deg TCA
BG11-142	0.00	6.50	100		Casing							
BG11-142	6.50	7.60	13cbx		Diorite Bx							non mag; chl'c; 1% q-ank competent, no epidote
BG11-142	7.60	8.60			diorite							non mag; chl'c; 1% q-ank competent, epidote
BG11-142	8.60	11.30	13cbx		Diorite Bx							fault-gouge at 11.3@40 deg TCA; no epidote in bx
BG11-142	11.30	12.00			Felsic dyke-syenite							felsic dyke?, hematized

Hole_ID	From	To	Lith 1	Lith 2	Lithology Name	Colour1	Colour2	Grain Size 1	Grain Size 2	Text	Text	Description
BG11-142	12.00	33.10	13e		Syenite							fresh syenite-could be por but can't see obvious phenos; homogeneous; rare 1/2-3/4" xeno's; non mag;
BG11-142	33.10	34.40	13c		Diorite							non mag; chl'c; 1% q-ank competent, epidote to min epidote
BG11-142	34.40	40.60	13cbx		Diorite Bx							non mag; chl'c; 1% q-ank competent, no epidote
BG11-142	40.60	53.00	13c		Diorite							non mag; chl'c; 1% q-ank competent
BG11-142	53.00	55.60	8a		Conglomerate							contact, 54-55, diorite-conglomerate, reddish pebbles throughsection up to fault-gouge at 55.3, 20 deg TCA; no definitive zones from beginning of hole; py<<1% ;intense chloritization and inc microfractues of qtz-chl with infilling of py, 1-3%
BG11-142	55.60	57.40	Wacke		Greywacke?							fn grained, chloritized contact at 25 deg TCA, some bedding,
BG11-142	57.40	84.48	8a		Conglomerate							chloritic, micro fract throughouy, q-feld veins,low angle, 1-2% py in veinlets and some dissem, very distorted some bedding observed
BG11-142	84.48	84.90			Syenite dyke							red-grey with min py,
BG11-142	84.90	90.20	8a		Conglomerate							chloritic, micro fract throughouy, q-feld veins,low angle, 1-2% py in veinlets and some dissem, very distorted some bedding observed
BG11-142	90.20	110.40	13e		Syenite							dark grey with spec-hem.some epidote,5-10% micro fract with chl and chl-py infilling;qtz-dol veining running 10deg TCA.(slip fault at 90.1 at 10 deg TCA);1-2% py; **Main Break ? at 102.9-103.2, gouge, qtz-ser-chl, rqd low 20-30**
BG11-142	110.40	110.90	13e		dyke?							highly chloritic, fn gn,at 35 deg TCA, min pyalong contact, large 1cm clasts within dyke
BG11-142	110.90	123.50	13e		Syenite							red-grey with min py,highly fractured in 40% of core; **Main Break? At 120.65-120.85, all mud, 40deg TCA; blocky ground; rqd 20-3(**
BG11-142	123.50	141.00	13c		Diorite							non mag; chl'c; 1% q-ank competent, med grey,to green grey, magnetic at 134.35; rqd inc to 50-80;
BG11-143	0.00	21.00	100		overburden							
BG11-143	21.00	47.12	13cbx		Diorite Bx							non mag; chl'c; 1% q-ank competent to very fractured, no epidote,cal-ser-qtz veining (fault) at 0-10 deg TCA,at 27.7 to 29.2 ;contact is preceeded by a qtz-chl-ser section from 46.84-47.12m, with 1-2% py, contact at 40-50 deg TCA
BG11-143	47.12	52.90	13e		Syenite							very distorted , reddish tan, aphanitic ground mass, wispy qtz-dol veins at all angles, intermittant through section, min py in blotches, 3-5mm, within silicious ground mass,
BG11-143	52.90	96.70	13c		Diorite Bx							non mag; chl'c; 1% q-ank competent, epidote,leucoxene, mag 69-71m, mag at 86.5;
BG11-143	96.70	102.10	QFP		Quartz Feldspar Porphyry							fresh; non mag; 30% anhedral 1/8"glassy-gnish qtz phenos+30% feld phenos; competent
BG11-143	102.10	192.00	13cbx		Diorite Bx-Diorite							dissem py 1-2%, epidote veining , magnetics starts at 105m through 119m; silica increases and py is dissem and in epidote veining intermittantly;inc in silica noted, inc in py within silica sections;dol pheno's?, up to 2cm x2cm start at 129.8 and increase in % to 40% at 133.1, inc epidote veining and pyritic infilling, at 136m ground py, length of sample is undetermined, a slurry of py-mud was sampled in this area,dol phenos stop at 140m; micro fract at 149.4-155m, black qtz infilling, epidote, chloritic throughout, intermitantly magnetic from 170m- 192.0m; at 182.93-182.3m QFP appears; rqd inc at 177m to 50-60; EOH 231m
BG11-143	192.00	231.00	13e		Syenite							Contact of Diorite-Syenite not definite, QFP comes and goes through section 187.6-196; .1-.25 lenghts; dark grey to red grey, intermittantly mag , spec hem, 1-5mm carb v's , minor py through unit to 231m; EOH
BG11-144	0.00	17.00			ob							ob
BG11-144	17.00	42.65	13cbx		Diorite Bx							fresh; non mag; chl'c; 1% ; gen homogeneous; locy dk gy w 15% leuco; competent to blocky,wispy carb veining at gen low angles with spec hem, and py
BG11-144	42.65	52.46	QFP	Dior	Quartz Feldspar Porphyry							silicious, fresh, comes and goes through section, with inc dissem py,> 1%, grey-white to pinkish;dissem py, 1%
BG11-144	52.46	90.05	13cbx		Diorite Bx-Diorite							fresh; non mag; chl'c; 1% ; gen homogeneous; locy dk gy w 15% leuco; competent to blocky, wispy carb veining at gen low angles with spec hem, and py; 57-83m RQD =60-80; mag at 75.25; mainly non mag, QFP through 1/2 of core at 73.1 -73.4m; also at 72.26-77.5m
BG11-144	90.05	92.64			felsic dyke?							grey, fn grained, grey, with minor qtz eyes, qtz-feld matrix, sediment-like looking, with laminations of cse to fn grained matrix in some sections.
BG11-144	92.64	101.50	13e		Syenite							reddish brown, minor fracturing,some qtz-feld flooding in few areas, perv dissem py, 15%;
BG11-144	101.50	102.30			mafic dyke?							fn gn,dk grey, min py, cont at 45 deg TCA
BG11-144	102.30	105.50	13e		Syenite							reddish brown, minor fracturing, some qtz-feld flooding in few areas, dissem py;contact at105.5 , 30 deg TCA
BG11-144	105.50	120.00	13cbx		Diorite Bx-Diorite							Diorite-Bx, chlorite rich, wispy qtz-dol-ser v's; epidote pervasive; min py, min pyritic zone at 118.5m; EOH at 120m
BG11-145	0.00	17.50	100		Casing							

Hole_ID	From	To	Lith 1	Lith 2	Lithology Name	Colour1	Colour2	Grain Size 1	Grain Size 2	Text	Text	Description
BG11-145	17.50	118.25	13cbx		Diorite Bx-Diorite							Diorite-Bx, chlorite rich, mostly non mag; wispy qtz-dol-ser v's; epidote pervasive; leucoxene occurs in pulses throughout section; inc silica, bleached from 21.2-24.0m ; 27.0-29.2m; Bimodal QFP intermittently from 48.3- 82.0m; Bimodal-QFP at 64.7-64.9m, 65.07-66.3m; 67.1-67.8m, 68.6-69m, intermittantly until 90m; 5-90% within Diorite unit, magnetic from 53.7- 56m, and 83.6- 93.5m; spec hem within few carb v's; py occurs dissem 1-2%, also occasionally cse py in seams in black qtz 1-3 mm in width;
BG11-145	118.25	124.00	13e		Syenite							fresh syenite; reddish to grey red, homogeneous; 1% 1/2-3/4" xeno's; non mag; competent to very blocky in proximity to gouges, hematite throughout, low % dissem py low angle carb v's, 1-3%
BG11-145	124.00	126.60			Lamp dyke							dark grey, aphanitic, biotite fragments, void of any sulphides
BG11-145	126.60	147.00	13e		Syenite							fresh syenite; reddish to grey red, homogeneous; 1% 1/2-3/4" xeno's; non mag; competent to very blocky in proximity to gouges, perv hematite throughout; EOH 147m
BG11-146	0.00	22.50			ob							
BG11-146	22.50	112.50	13cbx		Diorite Bx-Diorite							Diorite-Bx, non mag, chlorite rich, wispy qtz-dol-ser v's; cal v's, low angle, epidote, chl pervasive; py occurs in pinch and swells within and epidote veins, upto 1cm swells in 1-2% of unit, also in min qtz-dol v's upto 10% in vein, cataclasite texture at 86.1m, min sulphides, unit magnetic at 96.1m to 100.3m; and 107.1-112.5m
BG11-146	112.50	115.00	QFP		Quartz Feldspar Porphyry							fresh; non mag; 30% anhedral 2mm glassy-white qtz phenos 5% feld phenos; competent
BG11-146	115.00	124.00	13cbx		Diorite Bx-Diorite							Diorite-Bx, non mag, chlorite rich, wispy qtz-dol-ser v's; cal v's, low angle, chl pervasive
BG11-146	124.00	129.25	QFP		Quartz Feldspar Porphyry							fresh; non mag; 30% anhedral 2mm glassy-white qtz phenos 5% feld phenos; competent
BG11-146	129.25	132.80	13c		Diorite							mag at 129.8m,dark grey-green grey, aphanitic ground mass
BG11-146	132.80	133.55	QFP		Quartz Feldspar Porphyry							fresh; non mag; 30% anhedral 2mm glassy-white qtz phenos 1-5% feld phenos; competent
BG11-146	133.55	150.00	13c		Diorite							mag continues intermittantly to EOH at 150m, epidote appears in last m of hole
BG11-147	0.00	19.60			ob							
BG11-147	19.60	21.10	QFP		Quartz Feldspar Porphyry							fresh; non mag; 30% anhedral 2mm glassy-white qtz phenos 1-5% feld phenos; competent
BG11-147	21.10	39.30	13cbx		Diorite Bx							Diorite-Bx, non mag, chlorite rich, wispy qtz-dol-ser v's; epidote pervasive; py occurs in pinch and swells qtz-carb and epidote veins, in 1-2% of unit,
BG11-147	39.30	42.00			Lamp dyke							dark grey, aphanitic, fn gn cont at 80 deg TCA
BG11-147	42.00	84.00	13cbx		Diorite Bx							Diorite-Bx, non mag, chlorite rich, wispy qtz-dol-ser v's; epidote pervasive; py occurs in pinch and swells qtz-carb and epidote veins, in 1-2% of unit, sil rich QFP comes and goes at 67.14-73m, 10% of section, leucoxene appears in pulses from 69.9-75.5m, EOH 84m
BG11-148	0.00	19.00			ob							
BG11-148	19.00	20.10	13cbx		Diorite Bx							Diorite-Bx, gre-green, epidote perv, carb and qtz-carb v's, 1mm-.5cm, min py in v's, dissem upto 1%, halos of epidote contain some cse py in 2mm-1cm diameter masses, 1% through min sections,
BG11-148	20.10	29.30	QFP		Quartz Feldspar Porphyry							greyish to purple-grey, 10-20% feldspar euhedral phenos, upto .5cm, 30-40% qtz phenos, 2-5mm subhedral, elongated in some sections, min py<1%
BG11-148	29.30	56.40	13cbx		Diorite Bx-Diorite							Diorite- Diorite -Bx, grey-green, epidote perv, carb and qtz-carb v's, 1mm-.5cm, min py in v's, dissem up to 1%, halos of epidote contain some cse py in 2mm-1cm masses, 1% through min sections, Diorite bx- Diorite at 40.05m, Diorite to Diorite bx at 43.2m; breccia gone at 72m-77.8m, leuco appears at 80m in small pulses; Bimodal QFP intermittant from 84m- EOH, from 5% - 100% in 1m sections; magnetic intermittently from 88.2-EOH; cse py in chloritic flows and qtz-carb at contacts of QFP-Dior; veining up tp 5% through 1m sections
BG11-148	56.40	57.70	150		Stope							
BG11-148	57.70	102.00	13cbx		Diorite Bx-Diorite							Diorite- Diorite -Bx, grey-green, epidote perv, carb and qtz-carb v's, 1mm-.5cm, min py in v's, dissem up to 1%, halos of epidote contain some cse py in 2mm-1cm masses, 1% through min sections, Diorite bx- Diorite at 40.05m, Diorite to Diorite bx at 43.2m; breccia gone at 72m-77.8m, leuco appears at 80m in small pulses; Bimodal QFP intermittant from 84m- EOH, from 5% - 100% in 1m sections; magnetic intermittently from 88.2-EOH; cse py in chloritic flows and qtz-carb at contacts of QFP-Dior; veining up tp 5% through 1m sections
BG11-149	0.00	18.90			ob							
BG11-149	18.90	23.60			Bimodal Porphyry							pristine bimodal qfp, min carb v's, euhedral feldspar, in pink/mauve-green groundmass;
BG11-149	23.60	39.05	13cbx		Diorite Bx							Diorite-Bx, non mag, chlorite rich, wispy qtz-dol-ser v's; epidote pervasive; py occurs in pinch and swells within black qtz and epidote veins, upto 1cm swells in 1-2% of unit, also in min qtz-dol v's upto 10% in vein
BG11-149	39.05	42.00			Lamp dyke							dark grey, aphanitic, elongated shards of epidote?, void of any sulphides

Hole_ID	From	To	Lith 1	Lith 2	Lithology Name	Colour1	Colour2	Grain Size 1	Grain Size 2	Text	Text	Description
BG11-149	42.00	57.15	13cbx		Diorite Bx							Diorite-Bx, non mag, chlorite rich, wispy qtz-dol-ser v's; epidote pervasive; py occurs in pinch and swells within black qtz and epidote veins, upto 1cm swells in 1-2% of unit, also in min qtz-dol v's upto 10% in veins
BG11-149	57.15	59.00	BP		Bimodal Porphyry							bleached tan-white bimodal QFP, some micro fract, min py
BG11-149	59.00	81.00	13cbx		Diorite Bx-Diorite							Diorite-Bx, non mag, chlorite rich, wispy qtz-dol-ser v's; epidote pervasive; py occurs in pinch and swells within black qtz and epidote veins, upto 1cm swells in 1-2% of unit, also in min qtz-dol v's upto 10% in vein, leucoxene occus intermittantly in 5-10% of this section, usually in small waves,4-6cm; bimodal QFP starts at 68m intermittantly until end of hole at 81m approx 25% of unit; EOH 81m
BG11-152	0.00	19.70			ob							
BG11-152	19.70	60.20	13cbx		Diorite Bx-Diorite							Diorite- Diorite -Bx, grey-green, epidote perv, carb and qtz-carb v's; magnetic at 30.8m intermittant; py within some epidote v's, MAIN BREAK? at 44.8m, hematite-clay rich ;.15m gouge at 20 deg TCA; leuco 5-10% through 50m
BG11-152	60.20	68.10	QFP		Quartz Feldspar Porphyry							greyish to purple-grey, non magnetic;10-20% feldspar euhedral phenos, upto .5cm, 30-40% qtz phenos, 2-5mm subhedral, elongated in some sections, min py<1%
BG11-152	68.10	84.80	13cbx		Diorite Bx-Diorite							Diorite- Diorite -Bx, grey-green, epidote veins perv, carb and qtz-carb v's; intermittant; py within some epidote veins, **stope at 87m; (drillers note 6ft void**) mag intermitant through 115-150m, intermittant zones of pyrite bands and increased dissemination from 123-126m, and 137m, with inc carbonate in matrix; lecoxene viewed sporadically in highly altered areas, magnetic through 219.6m
BG11-152	84.80	86.60	150		Stope							
BG11-152	86.60	87.00	13cbx		Diorite Bx-Diorite							Diorite- Diorite -Bx, grey-green, epidote veins perv, carb and qtz-carb v's; intermittant; py within some epidote veins, **stope at 87m; (drillers note 6ft void**) mag intermitant through 115-150m, intermittant zones of pyrite bands and increased dissemination from 123-126m, and 137m, with inc carbonate in matrix; lecoxene viewed sporadically in highly altered areas, magnetic through 219.6m
BG11-152	87.00	88.82	150		Stope							
BG11-152	88.82	219.60	13cbx		Diorite Bx-Diorite							EOH
BG11-153	0.00	14.60	100		Casing							
BG11-153	14.60	25.60	13cbx		Diorite Bx-Diorite							Diorite- Diorite -Bx, grey-green, epidote perv, carb and qtz-carb v's; non magnetic; py within some epidote veining up to .5cm wide lost hole at 25.6m
BG11-153A	0.00	13.40	100		ob							
BG11-153A	13.40	82.30	13cbx		Diorite-Diorite Bx							green-grey, dark grey; non magnetic, epidote veining with py within pinches and swells, intermittantly, **py seams at 55.6-55.9m, 15-20% py; 56.28-56.4m, 10-20% py; Main Break at 81-82.4m;** intermittatly magnetic at 34.9- 82.3m;
BG11-153A	82.30	90.60	QFP		Bimodal QFP							greyish to purple-grey, non magnetic; 10-20% feldspar euhedral phenos, up to .5cm; 30-40% qtz phenos, 2-5mm subhedral, elongated in some sections, min py<1%
BG11-153A	90.60	107.35	13cbx		Diorite-Diorite Bx							Diorite- Diorite -Bx, dark green grey, epidote,chloritic veins sporadic, min carb v's, carb in matrix, infilling of py in 1% of epidote veins
BG11-153A	107.35	107.70	QFP		Bimodal QFP							greyish to purple-grey, non magnetic;10-20% feldspar euhedral phenos, upto .5cm, 30-40% qtz phenos, 2-5mm subhedral, min py<1%
BG11-153A	107.70	110.10	13cbx		Diorite-Diorite Bx							Diorite- Diorite -Bx, dark green grey to dark grey, epidote,chloritic veins sporadic, min carb v's, carb in matrix, intermittantly mag through 107m
BG11-153A	110.10	113.00	QFP		Bimodal QFP							euhedral xtals of feldspar, up tp .5cm, elongated qtz shards, <<py, non mag
BG11-153A	113.00	261.00	13c		Diorite							dark grey to green grey, magnetic at 115.1- 215m, mag at 233.6m- 248.3m, chlorite increases when mag ends, infilling of microfractures with deep green chl ;leucox intermittant, epidote v's, carb matrix pervasive, some infilling of py within epi v's, and carb, 1-2% dissem py, carb v @45 deg TCA, 147.57-148.8m with cpy 1-2%; **156-160m inc py up to 5-10% in seams anddisssem; all pyritic zones noted in samples;** blocky from 183-199.5m, dec in epi v's at 198m; EOH 261m
BG11-154	0.00	12.60			ob							
BG11-154	12.60	40.17	13cbx		Diorite Bx-Diorite							Diorite- Diorite -Bx, dark green grey, epidote,chloritic veins sporadic, min carb v's, leucoxene, carb in matrix within highly altered sections **, 34.24-30.6m 10-20%py, 6 foot stope hit before 42m,** hematized carbonate v's perv, non magnetic through 94m, mag at 109.9m, intermittant through to 138m; non mag to 156m
BG11-154	40.17	42.00	150		Stope							
BG11-154	42.00	148.05	13cbx		Diorite Bx-Diorite							
BG11-154	148.05	161.70	QFP		Bimodal QFP							non magnetic, Bimodal QFP, 10% sub to euhedral phenos .05cm, grey green with abund carb in matrix, min py, highly altered prior to **Mainbreak at 153.85 int to 156m, clay-mud gouge, friable core; continuation of gouge through 156m**

Hole_ID	From	To	Lith 1	Lith 2	Lithology Name	Colour1	Colour2	Grain Size 1	Grain Size 2	Text	Text	Description
BG11-154	161.70	165.00	13cbx		Diorite Bx-Diorite							dark grey, very friable, broken, mud seams intermittant from 156-164.8m, magnetic from contact at 161.7- 165m EOH, possibly running down fault from Main Break
BG11-155	0.00	13.00	100		ob							
BG11-155	13.00	74.00	13c		Diorite							Diorite, dark green grey to dark grey, epidote, chloritic veins sporadic; intermittantly magnetic at 44.9-70m; few "**red zones" hem with 75-90% py in sections, 24-30m**;
BG11-155	74.00	79.25	QFP		Bimodal QFP							med grey, euhedral pheno's of feldspar up to 1cm, 10% of matrix, 2-5mm anhedral phenos of feldspar up to 20% of matrix; min sulphides in unit,
BG11-155	79.25	251.00	13c		Diorite							Diorite, dark green grey to dark grey, carbonate matrix, epidote, chloritic veins sporadic; intermittantly magnetic at 44.9-105m; continuous/ **80% magnetic to 251m** increased infilling of py **146.3-147m 1-15%; 147.37-147.67, 20% py,** and intermittantly within epidote-chl and carb vein replacement and disseminated; leucoxene spotty, hematite throughout most of unit, in fracture systems; EOH 251m
BG11-156	251.00	11.20	100		ob							
BG11-156	11.20	117.90	13c		Diorite							Diorite- Diorite -Bx, dark green grey to dark grey, epidote,chloritic veins sporadic, min carb v's, carb in matrix; non mag from 11.2- 81.8m; mag 81.8-106; **py zone 78.5-79.1m; Main Break? 82.2-82.3m; contact 25 deg TCA**
BG11-156	117.90	125.00	QFP		Bimodal QFP							euhedral xtals of feldspar, up tp .5cm, elongated qtz shards, 4mm-6mm <<py, non mag; **Main Break? 124.9-125m, clay seam; 20 deg TCA**
BG11-156	125.00	127.30	13c		Diorite							Diorite, dark green grey to dark grey, epidote,chloritic veins sporadic
BG11-156	127.30	132.30	QFP		Bimodal QFP							euhedral xtals of feldspar, up tp .5cm, elongated qtz shards, 4mm-6mm <<py, non mag
BG11-156	132.30	147.00	13c		Diorite							Diorite, dark green grey to dark grey, epidote, chloritic veins sporadic; non magnetic to 141m; **hit stope at 146m**; EOH at 147m
BG11-157	0.00	12.60	100		ob							
BG11-157	12.60	43.70	13cbx		Diorite-Diorite Bx							non magnetic 12.6- 66.8m, mag for .2m, to 66.8m, non mag 66.8-126m, mag-126- 139.5m,non mag 139.6-189m; intermittantly mag from 191-200m; green- green grey, hem, chloritic with feldspar clasts intermittant through section, leucoxene sporadic from start of hole; **stope at 43.7m-44.5m (3 foot void, drillers note),** epidote v's with minor infilling of py, sparse leucox, wispy and pink carb v's, low angle to high angle, with py, 1-2% infilling; minor dissem py 1%;**"red zone" hem, at 48.0-48.9m, 10-25% py, dissem, andin carb v's,** hem intermittant throughout section from 60-133m; **cataclastic from 161-164.35m, high carb matrix; gouge-fault with cataclastic texture from 164.9-171.2m- main break?** very broken**,** blocky from 191-201m EOH
BG11-157	43.70	44.50	150		Stope							
BG11-157	44.50	201.00	13cbx		Diorite-Diorite Bx							
BG11-158	0.00	12.50	100		ob							
BG11-158	12.50	17.40	13cbx		Diorite-Bx							grey-green to med green to dark grey, feldspar morphs, epidote veins with py pinches and swells in sporadic sections, **2ft "seam " noted by drillers at 17.4-18m**
BG11-158	17.40	18.00	150		Seam							
BG11-158	18.00	32.30	13cbx		Diorite-Bx							
BG11-158	32.30	35.90	13c		Diorite							**8 foot "seam" noted at 35.9-38m (stope)**, after stope unit chloritized, diorite in composition, possible dike at 32.3-38m; magnetic 41.8-43m;
BG11-158	35.90	38.00	150		Stope							
BG11-158	38.00	45.00	13c		Diorite							
BG11-158	45.00	217.60	13cbx		Diorite-Bx							clasts appear sporadically, epidode veins and "clots" also sporadic, minor infilling of py in clots and veins, non magnetic through to 135.5m, int mag from 135.5- 281; **hem red-py zone 65.4-65.8m 15-25% py** inc alt from 221-235m, breccia increases, qtz-dol veining 2-5%, inc in chl
BG11-158	217.60	219.55			Dyke							mafic dyke,contact 10 deg TCA; magnetic 217.9-218m, min cpy<1%
BG11-158	219.55	244.40	13cbx		Diorite-Bx							contact dyke- dior at 45 deg TCA,
BG11-158	244.40	250.00	QFP		Bimodal QFP							med grey, euhedral pheno's of feldspar up to 1cm, 10% of matrix, 2-5mm anhedral phenos of feldspar up to 20% of matrix; min sulphides in unit,
BG11-158	250.00	269.80	13cbx		Diorite-Bx							very altered; hem, chlorite, micro fract, minor py, wormy qtz-dol v's sporadically through unit, fractures and faults-gouges along core axis at 0-20 deg TCA, very broken core through fault areas
BG11-158	269.80	273.00			Bimodal QFP							med grey, euhedral pheno's of feldspar up to 1cm, 10% of matrix, 2-5mm anhedral phenos of feldspar up to 20% of matrix; min sulphides in unit,
BG11-158	273.00	281.00			Syenite							fresh syenite; reddish, homogeneous; 1% .5-1cm xeno's; non mag; competent, hematite throughout, low % dissem py qtz-dol v's, 1-3%; some py in micro frac and qtz v's; EOH 281m
BG11-159	0.00	12.20	100		ob							

Hole_ID	From	To	Lith 1	Lith 2	Lithology Name	Colour1	Colour2	Grain Size 1	Grain Size 2	Text	Text	Description
BG11-159	12.20	42.00	13c		Diorite							Diorite, med green to grey green; epidote clots, and morphs of feldspar sporadic, non magnetic from 12.2-47m; **1 foot "seam", drillers note at 17m**; epidote viens intermittantlly with py replacement in pinches and swells of epidote and carbonate veins; aphanitic texture from 28.7-30.7m; series of gouges from **59.7-60.5m**, possib **Main Break**? **5 foot stope at 42.0m ("open", drillers note); Red brown zone at 64-64.6m 40-50% py**
BG11-159	42.00	43.50	150		Stope							
BG11-159	43.50	72.20	13c		Diorite							
BG11-159	72.20	230.00	13c		Diorite-Bx							Diorite-Bx, med green to grey green; epidote clots, feldspar 10-25% clasts up to 2cm sporadic, through 141m; non magnetic to 172.4m; slightly mag 199-251m; spec hem 175-251m
BG11-159	230.00	251.00	13c		Diorite							dark grey, aphanitic, hematized, wispy and low angle carb v's 2-5mm in width, EOH 251m
BG11-160	0.00	3.55	100		Casing							
BG11-160	3.55	6.35	5j		Trachyte	light grey-green		aph	med			non-magnetic; weakly porphyritic or amygdaloidal texture fuchsite alt'd pheno's 1 to 3mm in dimension, with fine cream coloured acicular feldspar x-stals in a fine to aph matrix and orthoclase fedl's x-stals; weak to moderate pervasive ser alt'n; strong fabric fol'n at 25 to 45 deg TCA; no mineralization observed and weak late cream coloured qtz-dol vn'lets; slips at 4.08, 4.9 and 5.98m at 35 to 45 deg TCA; sharp lower contact at 20 deg TCA mild contact alt'n in trachyte
BG11-160	6.35	9.55	8c		Arenite	mauve brown		fine				non-magnetic; weak ser alt'n in sections with weak feld?,alt'n; lower contact at 25 deg TCA
BG11-160	9.55	40.66	8a		Conglomerate	purple grey	green grey	fine	coarse			non-magnetic then becoming occasionally magnetic after 30m; predominantly conglomerate with cobbles and pebbles in poorly to moderately sorted beds; fabric fol'n/bedding with attenuated pebbles and cobbles at 0 to 50 deg TCA; 9.55 to 25m weak to moderate pervasive ser alt'n; occasional slips at 5 and 45 deg TCA; <10% pale cream-white and pink-white late qtz-dol vn'ing; sharp lower contact at 25 deg TCA
BG11-160	40.66	46.56	5j		Trachyte	med green		fine	coarse			magnetic and non-magnetic; similar texture to trachyte unit at 3.55 to 6.35 but amygdules are chl'd with wak perv chl alt'n; tr diss py in matrix; sharp lower contact at 20 deg TCA
BG11-160	46.56	71.00	8c		Arenite	dk green	mauve green	fine	coarse			magnetic and non-magnetic; bedding-fol'n fabric with occasional sections of conglomerate showing attenuation at 10 to 35 deg TCA; some perv carb alt'n in short sections; late qtz-and qtz-dol discordant occurances along slips at 45 to 55 deg TCA
BG11-160	71.00	83.75	8a		Conglomerate	dk green		fine	coarse			strongly magnetic; pebbles-cobbles attenuated at 20 to 30 deg TCA with weak streaky ser alt'n; widely spaced late brittle frac-slips <3mm wide with qtz-dol croscutting fol'n; in some sections fine grained magnetite observed; sharp contact at 10 deg TCA
BG11-160	83.75	373.95	FP		Feldspar Porphyry	mauve		aph	med			non-magnetic; 83.75 to 84m contact zone with assimilated sediment bx clasts with FP, 10 deg TCA pinch-swell frac-slips with 50% spec hem up to flt-slip with ser at 84m at 40-45 deg TCA;85.38 to 83.5 and 86.66 to 87.5m black qtz flood in FP with slips with bone white qtz <2mm wide and tr py in black qtz; after 87.5m FP is unaltered with bimodal textured pink and white-pink plagio feld's, <5% late qtz-dol; at 88.1, 93, 99.1, 100.4, 100.7, 101.4m black qtz in 15 deg TCA frac's <4mm wide;113.9-118.2m moderate brittle frac'ing with qtz healing in vn'lets at 45 and 0 deg TCA up to 1cm wide, fg py along some vn margins+spec hem in other vn's; brittle slip frac's at 213.2-214m, 217.3-217.5m, 223.28-223.5m, 224.2-224.3, 224.9, 230.6-230.7m with ser+chl+adjacent qtz-dol vn'ing and occasional py and occassional possible specks of mo? in qtz-dol, dark grey mettallic mineral; 350.3 to 354.4m 5 to 30% translucent qtz vn'ing up to 26cm wide with <1% cpy+ <1% py+ tr spec hem in qtz vn'ing at predominantly 65 to 85 deg TCA; 367.5 to 373.95m matrix becomes a red-brown colour due to K-sapr or oxidized spec hem with 10% white porcelain colured qtz-dol and weak blocky ground; sharp but irregular contact at 40-60 deg TCA
BG11-160	373.95	408.00		8c	Arenite	med		fine				non-magnetic, well sorted with uniform sized grains; relatively unaltered with weak ser in weak micro frac'ing; occasional narrow sections of late qtz and qtz-dol vn'ing in brittle frac zones; 373.95 to 374.1m 20% gret qyz+ank vn'ing between two slips at 60 deg TCA tr py; drillhole stopped at 408m as hole was deviating too much to left (east); will return to hole after another hole attempt along 192 to 197 azm bearing
BG11-161	0.00	14.40	100		ob							
BG11-161	14.40	95.90	13c		Diorite							Green to green grey, chloritic; + - leucoxene; epidote in matrix and veins containing py in pinch and swells, 1-3mm wide at various angles, wispy carbonate veins and low angle + - py; seams of py up to 2cm wide sporadically through section; non magnetic to 50m; intermittant to 80% mag from 50-271m ; fairly fresh-pristine Diorite from 220-281m, min carb v's, spec hem, very minor py, + - chlorite; **Stope at 95.9-97.8m;** EOH=281M
BG11-161	95.90	97.80	150		Stope							stope

Hole_ID	From	To	Lith 1	Lith 2	Lithology Name	Colour1	Colour2	Grain Size 1	Grain Size 2	Text	Text	Description
BG11-161	97.80	281.00	13c		Diorite							see description 14.4 to 95.9m; EOH 281m
BG11-162	0.00	14.40	100		ob							
BG11-162	14.40	281.00	13c		Diorite							grey-green to med green to dark grey, feldspar morphs, epidote veins with py pinches and swells in sporadic sections, hem in fractures, **Main break at 67.9-68.8m** non mag to 53m int mag to 135m; epidote diminishes at 171m appears at 202m, 95% mag to 281m **(Note: box # 22; box missing-only, not core);** intermittant anomalous py seams, and infilling py in epidote pinch and swells, leucox present; replacement from 138-281m, min moly and cpy noted 272-273m <1%
BG11-163	0.00	2.80	100		Casing							
BG11-163	2.80	6.84	5j		Trachyte	light grey-green		fine	med			non-magnetic; weakly porphyritic or amygdaloidal texture fuchsite alt'd pheno's 1 to 3mm in dimension, with fine cream coloured acicular feldspar x-stals in a fine to aph matrix and orthoclase fedl's x-stals; weak to moderate pervasive ser alt'n; strong fabric fol'n at 25 deg TCA; no mineralization observed and weak late cream coloured qtz-dol vn'lets; flt-slips at 4.45 to 4.6m at 40 deg TCA; irregular lower contact at 20 deg TCA mild contact alt'n in trachyte
BG11-163	6.84	9.86	8c		Arenite	lime green	brown	fine	med			non-magnetic; very fine to med grained units; strong fol'n & bedding at 5 to 20 deg TCA with stress frac'ing healed with qtz-dol at 55 to 75 deg TCA
BG11-163	9.86	41.30	8a		Conglomerate	purple grey	green grey	fine	coarse			non-magnetic then becoming occasionally magnetic after 33m; predominantly conglomerate with cobbles and pebbles in poorly to moderately sorted beds; fabric fol'n/bedding with attenuated pebbles and cobbles at predominantly 5 to 20 deg TCA; 9.86 to 26m moderate to weak ser alt'n; afterwards matrix has a mauve coloour and is heavy - increase in iron - hematite content;<10% pale cream-white and pink-white-brown late qtz-dol vn'ing; sharp contact at 10 deg TCA
BG11-163	41.30	46.60	5j		Trachyte	med green		fine	coarse			magnetic and non-magnetic; similar texture to trachyte unit at 2.8 to 6.84m but amygdules are chl'd with wak perv chl alt'n; tr diss py in matrix; lower contact broken core
BG11-163	46.60	48.90	8a		Conglomerate	purple grey						magnetic; med grained unit strongly foliated at 15 deg TCA; moderately carbonated with narrow confined shears <2 cm wide at 35 to 40 deg TCA
BG11-163	48.90	68.10	8c		Arenite	dk green		fine				magnetic; weak carb alt'n usually confined to pink carb stress vn's 1mm to 4mm wide and chl healed frac's at 20, 45 and 55 deg TCA; bedding foliation at 5 to 45 deg TCA but generally at 5-10 deg TCA; slip contact at 68.1m
BG11-163	68.10	81.20	8a		Conglomerate	dk green	med green	fine	coarse			magnetic; foliation fabrix at 25 deg TCA; rare <0.2cm wide qtz-dol vn'lets at 40 to 65 deg TCA; lower irregular contact at 20-35 deg TCA
BG11-163	81.20	349.00	FP		Feldspar Porphyry	orange brown	pale grey	aph	med			non-magnetic; from Cngl contact at 81.2 to 90m matrix has orange brown colour due to weak oxy'd hem?, section strongly frac'd grey+black qtz healing and weak late qtz-dol vn'ing & micro-frac'ing with ser alt'n; tr py; major fault from 85.8 to 87.3m with black& grey qtz healing + subangular bx, 3-7% fine grained py from 86.4 to 86.6m; 275-306m FP orange brown to green grey, competant, void of sulphides through section, qtz-ser-dol veins generally running down axis of core, 3mm-1.5cm; hematized intermittantly, min spec hem
BG11-163	349.00	349.68	8c		Arenite	light green	med green	fine				contact 80-85 deg TCA; non magnetic,min py stingers, some jasper grains seen sporadically, some 1-2mm qtz-dol veins at 40-80 deg TCA
BG11-163	349.68	350.13	FP		Feldspar Porphyry	orange brown						non magnetic, alt with min micro frac, small unit in contact area
BG11-163	350.13	482.70	8c		Arenite	light green	med green	fine	med			contact at 40 deg TCA, non magnetic, predominantly unaltered, competent ground - for the most part good core recovery except from 405.7 to 410.9m badly broken ground in irregular shards;some periodic localized frac-slip-flt's with qtz-dol + minor ser usually discordant to bedding; jasper grains viewed, bedding at 10-35 deg TCA; 360-373m 10-20% qtz-ser veining at 35-85 deg TCA, area of wispy late qtz veining 1mm-1cm width, bedding of arenite viewed at 25 deg TCA, small pebbles attenuated at orientation of foliation/ bedding; very min (void) sulphides through 373m; 489 m start of strong shear at 20 to 35 deg TCA + strong ser+fuchsite alteration + 5 to 25% qtz+dol vn'ing concordant & discordant along shear planes sometimes showing sigmoidal folding; very broken core from 407-411.3m; bedding at 462.5-468m, 0-15 deg TCA
BG11-163	482.70	548	8a		Conglomerate	med green	tan-green	fine	coarse			contact at 15 deg TCA, non magnetic, highly altered, chlorite rich matrix, poorly sorted, tan-green to medium green unit; foliation fabric from 15-25 deg TCA; small and large pebbles, rock fragments attenuated parallel to foliation; quartz and qtz-ser veins along foliation plane, minor sulphides present to m; jasper and fuschite intermittantly throughout section
BG11-163	548.00	577.45	8c		Arenite	light green	grey-green	fine	med			non magnetic; contact in vicinity of 548-549m, in a series of faults- gouges; from 557-561m , inc in qtz-ser veining mainly parallel to foliation-bedding, bedding vert altered, some pyritic seams, 1-3mm along foliation from 558.8- ;
BG11-163	577.45	578.12	FP		Feldspar Porphyry	light green	tan-green					FP; 2-5mm feldspar phenos 10-20% in section, min chloritic bands1mm,

Hole_ID	From	To	Lith 1	Lith 2	Lithology Name	Colour1	Colour2	Grain Size 1	Grain Size 2	Text	Text	Description
BG11-163	578.12	587.97	8c		Arenite	light green	grey-green	fine	med			non magnetic, sprse bedding along foliation @ 20 deg TCA, highly altered, minor pyritic seams 1-2% within silicious veins, 1-3mm;lower contact at 30 deg TCA
BG11-163	587.97	622.90	FP		Feldspar Porphyry	light tan brown	yellow green	med				non-magnetic; proximal to '21 Vein stope' at 2025L trending at 090 azm; entire unit shows strong ductile shearing at 20 to 35 deg TCA with strong ser alt'n in micro shear-frac's+ mod sil alt'n+ with weak chl alt'n on slips , weak fuchsite flecking and <1 to 3% fg diss py; <1% to 15% qtz+qtz-ank veining with slight increase in py around occurrences; lower contact irregular at 20 deg TCA
BG11-163	622.90	636.50	8c		Arenite	light yellow green		fine	med			non-magnetic; strong ductile shearing at 30 to 35 deg TCA with strong ser alt'n; attenuated pebbles, minor jasper pebbles with 15-25% qtz-ank veining plus chl on slips; probable cross cut late fault at 634.8 to 636.5m strong gouge with chl+ser badly broken ground probably at 20 to 25 deg TCA and faults off Arenite; FP at 636.5m
BG11-163	636.50	641.66	FP		Feldspar Porphyry	brown orange	yellow green	aph	med			non-magnetic; 636.5 to 638.6m strong ser alt'n+oxy'd hem alt'n+25-45% qtz-ank+qtz-dol veining discontinuous with brittle frac'ing+shear slips at 15 and 45 deg TCA; 638.6 to 641.66m strong brittle frac'ing + non-penetrative micro frac'ing with ser + 5-10% qtz-dol veining sometimes with 3-5% hem and tr py; 641.4 to 641.66m 65% white qtz flood up to contact; lower contact at 35 deg TCA but broken
BG11-163	641.66	714.00	13cbx		Diorite Breccia	green	khaki yellow green	aph	coarse			non-magnetic; perv chl alt'n with some sections transitioning into perv silica almost resembling a finer grained, brown orange FP such as 667.2 to 670m; mod frac'd with 5 to 15% qtz-dol late vn'ing + minor calcite with chl+mo on slips, <1 to 5% hem in frac's and in discontinuous veins; some sections with spotted albite?, moderate to strong brittle frac'ing ranging predominantly from 25 to 55 deg TCA with chl+grey qtz+ grey-white and translucent qtz-dol with occasional hem and tr py; **673.8 to 674.05m 4 cm wide white-grey qtz with 45% py at 20 deg TCA;** from 710 to 714m matrix becomes orange brown colour due to pervasive sil alt'n and almost resembles an FP, strong brittle frac'ing with early grey qtz + py+chl and late qtz-dol vn'ing, some phenocrysts chl'd + minor ser; contact at 30 deg TCA
BG11-163	714.00	716.30	13c		Diorite	black	orange brown	aph				non-magnetic andmagnetic near diorite bx contact at 716.2m; **714 to 714.7m 100% mostly dk+ minor white qtz, moderate micro frac'ing with 1-5% py in micro frac'ing generally at 5-15 deg TCA; at 714.7 to 716.3m white qtz frac's 1mm wide with py at 20 and 30 deg TCA in a perv sil'd matrix with 5-10% spec hem f.g. in frac's, 30-45% qtz and qtz-dol;** sharp lower contact at 20 deg TCA
BG11-163	716.30	719.35	13cbx		Diorite Breccia	khaki green	orange brown	aph	coarse			non-magnetic; strongly frac'd with early qtz-dol with py (1-2% overall) predominantly at 20-25 deg TCA; 15-20% late qtz-dol vn'ing generally at 0 deg TCA and 45 deg TCA; gradual transition to FP but could be silicified Diroite Bx
BG11-163	719.35	721.70	FP		Feldspar Porphyry	orange brown		aph	med			non-magnetic; unit possibly a silicified Diorite Bx; brittle frac'ing with early qtz and with occasional fg py at 5 to 25 deg TCA and 45 deg TCA; 5% late qtz-dol vn'ing; numerous slips predominantly at 5 to 25 and 40-50 deg TCA
BG11-163	721.70	728.27	13cbx		Diorite Breccia	khaki green	orange brown	aph	coarse			non-magnetic; large breccia clasts subrounded; 5% mauve-white-grey qtz vn'ing 1mm to 1 cm wide shattered with micro-frac'ing healed with white qtz-dol at generally 5 to 35 deg TCA with 1-3% fg py; <5%-10% late white-cream coloured qtz-dol vn'ing; matrix with chl+ser alt'n; lower contact at 30 deg TCA
BG11-163	728.27	733.75	FP		Feldspar Porphyry	light tan brown		aph	med			non-magnetic; pale tan grey plagio pheno's showing variable fabric almost appearing like micro crenulations; 5-10% qtz-dol vn'ing grey at 20 to 35 deg TCA; **at 732.4m 1.5cm wide white porcelain qtz at 65 deg TCA with 50% py; four 1-2mm wide qtz vn's at 35 deg TCA with 3-7% py; fault-slip at 732.75m at 65 deg TCA;** lower contact at 35 to 45 deg TCA with qtz-dol+py in hairline frac's
BG11-163	733.75	754.15	13cbx		Diorite Breccia	dark green		aph	coarse			non-magnetic; 5% grey-white +qtz-dol vn'ing; 5% carb vn'ing with py up to 0.5cm wide; sharp lower contact at 20 deg TCA
BG11-163	754.15	759.50	13c		Diorite	dark green		aph	med			magnetic; luec flecs for 10cm after upper contact; lower contact irregular but sharp
BG11-163	759.50	762.75	FP		Feldspar Porphyry	med grey		aph	med			magnetic up to 760.7m; non-magnetic up to 762.75; <5% pink-white carb vn'ing and strong perv carb alt'n; lower irregular contact
BG11-163	762.75	780.10	13c		Diorite	dark green	dark mauve green	aph	med			magnetic; mod to strong brittle frac'ing healed with carb; early magnetite band at 765.5 to 765.7m; *763.45 to 764.1m four py carb vn'lets at 30 and 60 deg TCA up to 0.35cm wide* ; **775.6 to 776.3m strong perv sil + carb alt'n, three py vn's at 1cm , 0.75 cm and 0.5cm wide at 45 to 55 deg TCA with 95% py** 777.8 to 778.05 FP dyke; lower contact at fault-slips with ser +chl+1cm wide qtz-dol at 30 deg TCA
BG11-163	780.10	801.10	FP		Feldspar Porphyry	dk brown	red dk brown	aph	med			non-magnetic; 780.1 to 780.2m and 781.9m slips-wispy shears at 30 deg TCA with mod ser with associate qtz-dol vn's at 30 deg TCA; 800.9m to 801m 15% fg diss py in matrix near contact with diorite Bx; lower contact 30 or 45 deg TCA

Hole_ID	From	To	Lith 1	Lith 2	Lithology Name	Colour1	Colour2	Grain Size 1	Grain Size 2	Text	Text	Description
BG11-163	801.10	815.30	13cbx		Diorite Breccia	dk green	med khaki green	aph	coarse			mostly non-magnetic, spotty magnetic from 801.6 to 802.6m; *802.1 to 816.6m widely spaced brittle frac'ing with carb and occasional py mineralization up to 5%;*
BG11-163	815.30	819.00	13c		Diorite	dk green		aph	fine			magnetic; 816.5m 1.2cm wide carb-qtz vn at 35 deg TCA with 5% fg py and subparallel hairline frac with py; no clear contact
BG11-163	819.00	834.59	13cbx		Diorite Breccia	dk green	med khaki green	aph	coarse			non-magnetic; spotty leopard tecture with chl'd amygdules up to 2mm in diameter; 5-10% white carb-qtz vn'ing with some vn'ing from 831 to 834.5 with cpy + possible sphalerite; widely spaced frac+vn-frac's with qtz+qtz-carb with 1-5% diss fg py at predominently 30-45 deg TCA; sharp contact at 80-90 deg TCA
BG11-163	834.59	1015.66	13c		Diorite	dk green		aph	fine			magnetic; weak to mod epi alt'n along weak to mod frac'ing with carb; **two to three py vn's at 838.65 and 838.95m at 45 to 50 deg TCA at 1.5 and 0.1cm wide qtz-carb vn's with 65 to 85% py; 841 to 841.6m 10-15% fg py proximal to hairline frac's at 25 to 30 deg TCA with 5-10% leuc flecs, more perv sil and less carb alt'n;** 1-8% py mineralized zones at 843.5 to 844.8m, 847.4-848m, 851.45-851.7m, 852.86-852.91m, 853.5-853.7, 854.8-856.4m, 858.57-858.75m, 862.5m; *872.6 to 878.1m mod shear 872.6 to 873.7m 60 deg TCA, 873.7 to 878.1m 15 deg TCA, 1-8% fg anhedral py, 15-25% leuc flecs, 15-45% carb vn'ing, chl slips, at 876.2 to 876.36m 1cm wide qtz-carb vn at 25 deg TCA with 5% cpy* ; 892.6 to 894m 25-35% qtz-carb+chl vn'ing, negl py; 5-10% leuc flecs; 891.3 to 902.6m 15-20% leuc flec alt'n weak to mod shear fabric at 30-45 and 15 deg TCA; 902.65-904.8m 0-10deg TCA strong shear- flt with 65%qtz-dol-carb-chl salmon-white colour with 5-7% fg py, 3-7% pyrrhotite ('po') brassy colour - strongly magnetic + possible 1-2% spec hem; **932.67 to 932.75m 8 cm wide grey qtz adjacent to slip frac's with 40% anhedral py+ leuc at 65 and 75 deg TCA; 938 - 938.7m strong shear zone ductile-minor brittle at 50 deg TCA, 20-30% leuc flecs, strong qtz-dol+chl+ser alt'n with 5-7% magnetite and 3-5% anhedral py predominantly proximal to and within qtz vn'lets at 30 and 50 deg TCA; 940.3 to 840.5m increase in qtz-carb vn'ing with 10-15% anhedral py with vn's at 45 deg TCA**; mineralized zones in association with qtz-carb vn'ing at 943-943.4, 946.4-946.6, 958.5-958.7, 962-963, 970.2-971.3, 973.3-973.6, 974.7-975, 976.4-977.2, 980.5-980.7, 988.3, 989-989.2; lower contact at 50 deg TCA
BG11-163	1015.66	1018.60	13cbx		Diorite Breccia	khaki green	med green	aph	coarse			magnetic; sub-rounded bx clasts; <5%late carb vn'ing; weak-mod epi alt'n; 1016.6m mutliple magnetic vn'lets 1mm wide at 35-45 deg TCA; irregular lower contact
BG11-163	1018.60	1047.87	13c		Diorite	dk green	med green	aph	fine			magnetic; perv chl alt'n; sections of carb+qtz vn'ing with sometimes sil-carb perv alt'n with 3-15% leuc flecs+ occasional diss py along fine slip planes with chl+minor carb at 1021.4-1023m at 15 to 35 deg TCA, 1024.8-1025.8m 30 deg TCA, 1034.1-1034.6m 25 deg TCA, 1036-1036.5m at 0 and 25 deg TCA; irregular contact with two 7mm qtz vn's at 70 deg TCA with py within and on margins of vn's
BG11-163	1047.87	1053.67	13cbx		Diorite Breccia	khaki green	med green	aph	coarse			predominantly non-magnetic except near diorite contacts; sub-round to subangular bx with diorite and bi-modal feldspar bx; 1047.8 to 1048.34m 1-5% diss py in matrix, + some magnetite in hairline frac's + qtz minor carb vn'ing; widely spaced slips with chl + carb -qtz healing at generally 15 deg TCA; sharp lower contact at 80-90 deg TCA
BG11-163	1053.67	1111.50	13c		Diorite	dk green	med green	aph	fine			magnetic; 1054.15-1055.5m irregular sections of diorite bx and a fine grained med green diorite?; late white carb-minor qtz vn'ing at 35 to 45 deg TCA up to 1cm wide; *1061 to 1074.2m weakly carb alt'd shear-slip zone with slips at 0-10 deg TCA with 5-25% leuc flecks and py-cpy carb vn's from 1072.35 to 1073.45* ; at 1090.64m finer more aphanitic phases of diorite with rare pale lavender coloured layers caused by differential cooling?; at 1110.8 to 1111m FP Dyke; lower contact at 35 deg TCA
BG11-163	1111.50	1112.50	FP		Feldspar Porphyry	dk brown		aph	med			light pale green plagio pheno's; negl py; weakly frac'd with qtz-dol vn'lets
BG11-163	1112.50	1114.50	13cbx		Diorite Breccia	dk green		aph	fine			magnetic; perv chl; late white carb vn's;1113.85 to 1114.2m FP dyke
BG11-163	1114.50	1115.70	FP		Feldspar Porphyry	dk brown		aph	med			light pale green plagio pheno's; negl py; weakly frac'd with qtz-dol vn'lets
BG11-163	1115.70	1143.25	13cbx		Diorite Breccia	dk green		aph	coarse			magnetic; unit resembles a Conglomerate in sections with rounded and angular pebbles/cobbles or are they xenoliths in diorite; perv chl; weak widely spaced carb vn'ing; FP dyke 4cm wide at 1116.7m at at 1126m (or xenolith? or cobble?); *1134 to 1139.9m 2-15% leuc flecks, with a weak early slip fabric at 30-40 deg TCA,* ***at 1138.1 to 1138.3m 2.5 to 3.5cm wide 95% py vn at 0 deg TCA*** *and 1139 to 1139.9m 45% qtz-ank vn'ing with 1-3% py* ; lower contact 45 deg TCA
BG11-163	1143.25	1149.17	13c		Diorite	med khaki green		aph				magnetic; weak low angle slips at 5-10 deg TCA with dol; tr to 1% diss py in matrix; 1147 to 1147.5m 0 deg slip with pinch-swell dol and 5% py in lens
BG11-163	1149.17	1177.00	13e		Syenite	med dull green	dull brown green	aph	fine			magnetic; chl'd augites; perv chl alt'n; carb vn'ing with chl+ bright silver coloured py in brittle frac's widely spaced; lower sharp contact at 20-25 deg TCA

Hole_ID	From	To	Lith 1	Lith 2	Lithology Name	Colour1	Colour2	Grain Size 1	Grain Size 2	Text	Text	Description
BG11-163	1177.00	1225.50	8c		Arenite	dk green		aph	fine			magnetic; fine grainy texture with sections of conglomerate beds with sub-rounded to sub angular pebbles; small speck of jasper observed; tr to 3% specks of magnetite sometimes in weak beds; 5% white pink carb vn'ing with tr to 3% spec hem on slips; 1182.2 to 1182.7m Syenite; from 1209.8 to 1225.5m matrix is peppered with 1-5% diss euhedral py; localized mineralized zones 1212m, 1215.65 to 1215.9, 1224-1224.4m; becomes pervasively sil near syenite contact 1224.5m to 1225.5m;
BG11-163	1225.50	1246.30	13e		Syenite	dk red	dk brown red	aph	fine			predominantly non-magnetic with spotty magnetite in small - short sections; very hard matrix, perv sil alt'n, augites are chl'd; unit well mineralized with py throughout with 1-8% diss euhedral py in matrix and 3-7% diss py generally anhedral and pitted in brittle frac's healed with qtz+dol; 1231 to 1236m moderate shear zone 5 to 45 deg TCA with chl+qtz-dol+py; 1243.3 to 1245.7m sil-ser alt'n perv with 5-10% fg py in frac's and small clots; 1244.4 to 1244.7m low angle slip with chl +mo?;
BG11-163	1246.30	1264.10	8c		Arenite	grey khaki green		aph	fine			predominantly non-magnetic with occasional magnetite along beds or as random specks; *from 1246.3 to 1255.3m perv sil alt'n with bright metallic coloured diss py, mostly euhedral in matrix, within discontinuous hairline frac's and in qtz-dol vn'ing up to 3.5-4cm wide especially between 1254 to 1255.3m with mutliple vns having 55 to 95% brassy anhedral py at 35 to 55 deg TCA, at 1255.3 strong fault with gouge at 30 deg TCA; at* 1260m sediment is predominantly wacke with alternating dk to light green beds; irregular lower sharp contact
BG11-163	1264.10	1264.90	FP		Feldspar Porphyry	brown salmon		aph	med			non-magnetic; white opaque plagio pheno's; tr py in matrix, diss py
BG11-163	1264.90	1266.20	8b		Wacke	dull khaki light green		aph				non-magnetic; 15-25% opaque white qtz-dol-ank vn'ing in stress frac's at predominantly 45 to 65 deg TCA; 1-3% py in irregular brittle frac's with qtz
BG11-163	1266.20	1269.45	13e		Syenite	pale salmon brown	dk brown	aph				non-magnetic; hard matrix; mod brittle network hairline frac'ing with 2-7% fg py, 10-15% qtz-dol vn'ing; from 1268.6 to 1268.9m section of wacke; sharp lower contact at 90 deg TCA with chl - possible fault contact healed
BG11-163	1269.45	1271.55	8b		Wacke	dull khaki light green		aph				non-magnetic except at 1271.5m where 1cm vein contains 5-10% fg magnetite at 35 deg TCA; sil alt'n + mod perv ser+chl with 5-15% <1mm to 2mm qtz-dol vn'lets, some discontinuous, crenulated; 2-7% diss py in frac's and in matrix; FP from 1270 to 1270.55; bedding generally at 15 to 35 deg TCA; sharp lower contact at 35 - 45 deg TCA
BG11-163	1271.55	1283.55	FP		Feldspar Porphyry	brown salmon	reddish brown	aph	med			non-magnetic; plagio pheno's have bimodal sized texture; perv weak ser throughout; tr py in matrix; at 1274.5 a 3mm wide qtz vn at 15 deg TCA with 5% cpy and 2% py; sharp lower contact at 25 deg TCA
BG11-163	1283.55	1285.5	13e		Syenite	dk red-green		aph	fine			non-magnetic, massive appearance, negl py; moderate qtz vn'lets up to 2mm wide at 15 deg TCA; 1985.5 EOH
BG11-164	0.00	12.50	100		Casing							
BG11-164	12.50	47.60	13c		Diorite							grey-green to med green to dark grey, feldspar morphs, epidote veins with py pinches and swells in sporadic sections, hem and spec hem in fractures, **stope at 47.6M- 50m** non mag to 50.3m.
BG11-164	47.60	50.50	150		Stope							**EOH**
BG11-165	0.00	26.00	100		Casing							end of casing determined from block "29m" and with a visual on monzonite boulders and mafic dyke; possible 2.5m opening - core length - between blocks '26' and '29' and may signify an area of strongly broken ground & poor recovery or a stope opening or void at surface
BG11-165	26.00	28.71	150		Stope							possible stope at surface or void
BG11-165	28.71	31.27	2s		Mafic Dyke	dark green		aph	fine			non-magnetic; homogenous unit, possible mafic syenite, minor epi alt'n in rare oblong and sphericule vesicles and along hairline frac's; negl mineralization;28.71 to 29.5m <70% RQD, sections of gouge at 29.71 and 29.4m; irregular sharp contact at 60 deg TCA
BG11-165	31.27	45.50	13c		Diorite	epi green	dark green	aph	fine			non-magnetic; moderate epi alt'n pervasive and in weak frac'ing sometimes with qtz-dol vn'ing; 5-15% leuc flecks; strong fault at 42.6m with gouge at 0 deg TCA; <0.5cm wide mineralized vn's at 34.27m, and 36.7m at 55 and 45 deg TCA
BG11-165	45.50	57.50	13cbx		Diorite Breccia	med army green	pale grey-brown	aph	coarse			non-magnetic; typical diorite bx with some sections having large some rounded cobbles sized bx with chl'd pheno's; overall moderately broken ground with 70-85% RQD; **52.6 to 53.6m 3-15% py in 0-15 and 55 to 60 deg TCA white carb vn'lets, at 53 to 53.1m a 1cm and 4cm 75% py vn's with crimson red (oxy'd hem) halo at 50 to 60 deg TCA;** contact is less defined and may be at late white qtz vn at 75 deg TCA with epi margin
BG11-165	57.50	80.00	13c		Diorite	epi green	dark green	aph	fine			non-magnetic until 79.4m where becomes spotty magnetic; mod perv epi alt'n; **mineralized zone 60.47 to 64m with two 1 to 2cm wide py vn's at 61.05 to 61.2 at 20 deg TCA and a 10 cm wide py vn at 63.3 to 63.52m at 35 deg TCA with porcelain white qtz -fault zone** 0.3 to 0.7 m sections with badly broken core; 80m EOH
BG11-166	0.00	22.50	100		ob							

Hole_ID	From	To	Lith 1	Lith 2	Lithology Name	Colour1	Colour2	Grain Size 1	Grain Size 2	Text	Text	Description
BG11-166	22.50	83.00	13c		Diorite							grey to grey green, carb v's at generally low angles, 20-30 deg TCA through section epidote veins and clots with 1-2% py infilling, non mag; eoh 83M
BG11-167	0.00	20.00	100		ob							
BG11-167	20.00	25.70	FP		Bimodal FP							med grey, grey-green, euhedral pheno's of feldspar up to 1cm, 10% of matrix, 2-5mm anhedral phenos of feldspar up to 20% of matrix; min sulphides in unit, fresh, non magnetic
BG11-167	25.70	29.00	13c		Diorite							contact at 35 deg TCA; grey, green-grey, epidote v's various angles, low angle carb v's, veins containing py sporadic, up to 5-10%, non magnetic, **Stope at 29-31.7m**, wood in box
BG11-167	29.00	31.70	150		Stope							
BG11-167	31.70	80.00	13c		Diorite							
BG11-168	0.00	26.30	100		Casing							
BG11-168	26.30	89.40	13c		Diorite							grey to grey green, carb v's at generally low angles, 20-30 deg TCA throughout section, 23-26m very little core, possib stope area??; epidote veins sporadic to 28.5m, **50-75% py at 44.8-45.02m;** py within carb veins and minor dissemination; **MAIN BREAK at 70.08-70.7m,** cataclastic, leucox, highly altered through 75m; magnetic from 75.4-88.95m in area of contact to Bimodal FP
BG11-168	89.40	92.00	FP		Bimodal FP							med grey, grey-green, euhedral pheno's of feldspar up to 1cm, 10% of matrix, 2-5mm anhedral phenos of feldspar up to 20% of matrix; min sulphides in unit, EOH 92m
BG11-169	0.00	19.95	100		Casing							
BG11-169	19.95	23.00	13cbx		Diorite Bx	gn	gn-buff	cse	med			locy 20% bx frag's up to 0.2m in dio (could be tuff); 2-4% epi clots+vn's; resorbed ct's rounded; non mag; non cbd; <1% q-ank @45-60; chl'c; gen homogeneous; MAIN BRK @106.9-107.85; competent-RQD=80 except =10@19.9-27.5 +@71.0-74.0; non cbd; BP in BC-posy dyke w shrp nat ct@70@20.1-620.25; only 2.0m between 20 block & 23m block-called it 22m+ only 1m between 23m block+26m block- consider GC @ **22.2** (23.2 by block) where sulphides are to be **STOPE** but no other blocks indicate where LC is; shrp nat trailing ct @45; min'd@22.2-22.3, 33.4, 34.4-34.9 (strong), 35.75-35.8, 40.5-40.7, 62.0-62.6, 114.1,
BG11-169	23.00	26.00	150		Stope							
BG11-169	26.00	118.80	13cbx		Diorite Bx							
BG11-169	118.80	119.75	QFP		Quartz Feldspar Porphyry	br	buff	medium				non mag; 30% anhedral 1/8"glassy-gnish qtz phenos+30% feld phenos; non cbd; competent-RQD=90; locy spec; rare 1/2" dk gy xeno's; shrp nat trailing ct@80
BG11-169	119.75	121.40	13cbx		Diorite Bx	gn	gn-buff	cse	med			locy 20% bx frag's up to 0.2m in dio (could be tuff); resorbed ct's rounded; non mag; non cbd; 10% q-ank @45-60; chl'c; competent-RQD=80 ; shrp nat trailing ct @70; min'd@119.75-121.4
BG11-169	121.40	127.20	BP		Bimodal Porphyry	pur-br	gy	Cse				fresh; competent-RQD=80; 10% 1/4"euhedral feld phenos+30%feld +10%qtz 1/8" phenos; 1% q-ank vn's to 1/8"@45 gen; non cbd; homogeneous; non mag; shrp nat trailing ct@35
BG11-169	127.20	131.00	13c		Diorite	bk	gy	fine				25%-60% pk-pa gy feld in chl;v hily mag except in min'd leuco zones; no epi vn's+clots; generally fresh-not much alt'n/bl'g etc.; competent-RQD=90; 3-5% leucoxene locy conc at min'd zones; hily cbd; 1% q-ank vn's locy conc gen @45; 1% cse d py locy conc; min'd @127.2-127.5;
BG11-170	0.00	18.60	100		Casing							
BG11-170	18.60	20.00	13cbx		Diorite Bx	gn	gn-buff	cse	med			locy 20% bx frag's up to 0.2m in dio (could be tuff); 2-4% epi clots+vn's; resorbed ct's rounded; non mag; non cbd; <1% q-ank @30; chl'c; gen homogeneous; competent-RQD=80; trailing ct in LC
BG11-170	20.00	23.00	BP		Bimodal Porphyry	pur-br	gy	Cse				fresh; competent-RQD=80; 10% 1/4"euhedral feld phenos+30%feld +10%qtz 1/8" phenos; 1% q-ank vn's to 1/8"@45 gen; non cbd; homogeneous; non mag; trailing ct in BC
BG11-170	23.00	25.30	13cbx		Diorite Bx	gn	gn-buff	cse	med			locy 20% bx frag's up to 0.2m in dio (could be tuff); 2-4% epi clots+vn's; resorbed ct's rounded; LC@ 20.0-20.1; **STOPE @ 25.3-25.9**; non mag except mody mag @48.5-52.7 incl 1" magn vn@70; non cbd; <1% q-ank @30; chl'c; gen homogeneous; competent-RQD=80; trailing ct; min'd @34.5-35.8, 48.0-48.5, 51.6, 56.6, 63.8, 66.6-69.7, 90.2-90.3, 95.24-95.35, 135.37; Bad ground RQD ~35-65% 135.9 to 136.1m and 142.2 to 145.7m; strong fault gouge at contact at 25 and 0 deg TCA, strong chl
BG11-170	25.30	25.90	150		Stope							
BG11-170	25.90	142.80	13cbx		Diorite Bx	gn	gn-buff	cse	med			
BG11-170	142.80	153.40	BP		Bimodal Porphyry	green-dk green		aph	med			plagio pehon's with bimodal sized x-stals; strong perv chl alt'n; 5-10% qtz-ank vn'ingpredom at 0 to 35 deg TCA; probable loss of core at 143.2 to 143.7m of 30 cm of core; mod fol'n - shear slips at 15 to 45 deg TCA; 153.4m **EOH** but block says 155m
BG11-171	153.40	26.50	100		ob							
BG11-171	26.50	103.00	13c		Diorite							green to grey green, chloritic, min leucox, carb rich in matrix, sporadic carb v's infilling of py minimal, min carb veins at 20-50 deg TCA; epidote clots and veins increase at 33.45-55.4m; non magnetic to 86.8m; **pyritic zone at 47.78-47.95m 20-30% p**

Hole_ID	From	To	Lith 1	Lith 2	Lithology Name	Colour1	Colour2	Grain Size 1	Grain Size 2	Text	Text	Description
BG11-172	0.00	20.10	100		ob							
BG11-172	20.10	25.20	FP		Bimodal FP							med grey, euhedral pheno's of feldspar up to 1cm, 10% of matrix, 2-5mm anhedral phenos of feldspar up to 20% of matrix; min sulphides in unit,
BG11-172	25.20	28.40	13c		Diorite							green to grey green, chloritic, min leucox, carb rich in matrix, sporadic carb v's infilling of py minimal, min carb veins at 20-50 deg TCA; epidote clots and veins non magnetic from 20.1-52.7m; **STOPE at 28.4-31m**; **30-50% py at 43.77-43.9m**
BG11-172	28.40	31.00	150		Stope							
BG11-172	31.00	75.85	13c		Diorite							
BG11-172	75.85	76.06			mafic dyke							dk grey black aphanitic dyke, irregular contacts
BG11-172	76.06	113.70	13c		Diorite							green to grey green, chloritic, min leucox, carb rich in matrix, sporadic carb v's infilling of py minimal, min carb veins generally at low angles,some py replacement, epidote clots and veins with minor infilling of py; non mag to 113.7m
BG11-172	113.70	115.20			mafic dyke							contact at 75 deg TCA, dark grey-black, aphanitic, min carb v's
BG11-172	115.20	123.08	13c		Diorite							green to grey green, chloritic, min leucox, sporadic carb v's infilling of py minimal, min carb veins generally at low angles,some py replacement, epidote clots and veins with minor infilling of py; non mag to 123.08m; **bleached altered, very blocky mineralized section 115.5-119.7m, 5-15% py**
BG11-172	123.08	125.00			mafic dyke							contact at 50 deg TCA, magnetic at dyke contact to EOH 125m
BG11-173	0.00	19.80	100		ob							
BG11-173	19.80	21.40	FP		Bimodal FP							med grey, grey-green, euhedral pheno's of feldspar up to 1cm, 10% of matrix, 2-5mm anhedral phenos of feldspar up to 20% of matrix; min sulphides in unit
BG11-173	21.40	29.90	13c		Diorite							grey to grey green, carb v's at generally low angles, 20-30 deg TCA throughout section, non mag, stope at 29.9m(18 ft no return) Drillers note
BG11-174	29.90	4.90	100		ob							
BG11-174	4.90	38.05	13c		Diorite							dark grey to grey-green containing minor qtz-dol v's and low angle white-pink carb veins; 50% magnetic to 55m; min breciated section, 13-14.4m, very fractured with gouge running parallel to axis 13.5-14m;
BG11-174	38.05	38.65	FP		FP							FP-Dyke?
BG11-174	38.65	46.40	13c		Diorite							dark grey to grey-green containing minor qtz-dol v's and low angle white-pink carb veins; , very fractured;
BG11-174	46.40	54.50	FP		FP							mauve, 30-40% anhedral-euhedral phenos of feldspar, min spec hem, very blocky throughout section
BG11-174	54.50	80.00	13c		Diorite							
BG11-175	0.00	4.40	100		Casing							
BG11-175	4.40	11.85	QFP		Quartz Feldspar Porphyry	pale light grey	pale purple-red	aph	med			non-magnetic; 5-15% early qtz-dol vn'ing at 15 and 65-75 deg and infrequent later brittle frac's with py at 15 to 35 and at 50 deg TCA; 8.5 to 11.85 brittle - ductile shear at mainly 10-20 deg TCA with strong sil-dol alt'n giving sometimes a purple hue; lower contact sharp at 15 deg TCA
BG11-175	11.85	41.90	13cbx		Diorite Breccia	dk med green		aph	coarse			non-magnetic; Possible Conglomerate, in sections unit resembles a conglomerate with rounded pebbles; perv chl alt'n; 5-20% late white carb and qtz-dol vn'ing; some sections specifically proximal to QFP 10-20% minute albite? specks; brittle frac's at predominantly 5-15deg TCA with spec hem; 18.15-18.34 Feldspar Porphyry irregular contacts; RQD=~75-80%; lower contact broken core
BG11-175	41.90	46.80	FP		Feldspar Porphyry	mauve brown		aph	med			non-magnetic, 41,9 to 42.8m early strong pink-white calcite-carb vn'ing in 1 to 3mm wide stress frac's; <1% fg diss py in calcite frac's+chl; RQD=~65-75%
BG11-175	46.80	55.55	13cbx		Diorite Breccia	dark green		aph	med			predominantly non-magnetic, spotty magnetic around 53 to 53.6m; RQD=~55-75%; perv chl alt'n; lower contact broken core
BG11-175	55.55	59.75	FP		Feldspar Porphyry	mauve brown		aph	med			RQD=~65-75%
BG11-175	59.75	83.20	13cbx		Diorite Breccia	khaki green	med green	aph	med			non-magnetic; perv chl alt'n; 59.8 to 71.3m mutliple fault-slips at 5 to 25 deg TCA with white - pink calcite+carb+chl vn'ing sometimes with py and hem; 77m to 83.2m increase in perv sil-dol with mod ser+chl alt'n with a weak mauve-lime yellow green colour matrix with 5-15% dol vn'ing porcelain white at predominantly 55 to 85 deg TCA; sharp lower contact 15 deg TCA
BG11-175	83.20	86.35	FP		Feldspar Porphyry	crimson red	med - dk brown	aph	med			non-magnetic; 10-25% qtz-dol vn'lets at 55 to 75 deg TCA with 3-5% spec hem and tr py
BG11-175	86.35	92.00	13cbx		Diorite Breccia	med green	light brown yellow green	aph	med			as with 77 to 83.2m sil-dol alt'n with chl alt'n in pheno's possible rare fuchsite, 5% qtz-dol vn'ing at generally 50 to 90 deg TCA; 92m EOH
BG11-176	0.00	4.15	100		Casing							
BG11-176	4.15	48.60	QFP		Quartz Feldspar Porphyry	br	buff	medium				non mag; 30% anhedral 1/8"glassy-gnish qtz phenos+30% feld pheno; sim to Boundary por; non cbd; competent-RQD=70; locy wy hem'd; shrp nat trailing ct@30 in BC

Hole_ID	From	To	Lith 1	Lith 2	Lithology Name	Colour1	Colour2	Grain Size 1	Grain Size 2	Text	Text	Description
BG11-176	48.60	70.10	13cbx		Diorite Bx	gn	gn-buff	cse	med			locy 20% bx frag's up to 0.2m in dio (could be tuff); spec hem common; resorbed ct's rounded; non mag; non cbd; <1% q-ank @30+80; chl'c; gen homogeneous; locy wy mag @61.0-65.5; not competent-RQD=10; shrp nat trailing ct@40
BG11-176	70.10	72.50	13e		Syenite	red-br	red	fine	medium			fresh syenite; homogeneous; rare 1/2-3/4" xeno's; non mag; not cbd; not competent-RQD=30; shrp nat trailing ct@30 ;
BG11-176	72.50	80.80	13cbx		Diorite Bx	gn	gn-buff	cse	med			locy 20% bx frag's up to 0.2m in dio (could be tuff); spec hem common; resorbed ct's rounded; non mag; non cbd; <1% q-ank @30+80; chl'c; gen homogeneous; not competent-RQD=30; shrp nat trailing ct@20
BG11-176	80.80	85.90	13e		Syenite	red-br	red	fine	medium			fresh syenite; homogeneous; rare 1/2-3/4" xeno's; non mag; not cbd; competent-RQD=60; trailing ct in BC;
BG11-176	85.90	98.60	13cbx		Diorite Bx	gn	gn-buff	cse	med			locy 20% bx frag's up to 0.2m in dio (could be tuff); spec hem common; resorbed ct's rounded; non mag; non cbd; <1% q-ank @30+80; chl'c; gen homogeneous; not competent-RQD=40; shrp nat trailing ct@20
BG11-176	98.60	99.65	QFP		Quartz Feldspar Porphyry	br	red-br	medium				fresh; non mag; 30% anhedral 1/8"glassy-gnish qtz phenos+30% feld phenos; bl'd hily; ser'd; wy cbd;not competent-RQD=30; shrp nat trailing ct@40
BG11-176	99.65	102.15	13cbx		Diorite Bx	gn	gn-buff	cse	med			locy 20% bx frag's up to 0.2m in dio (could be tuff); spec hem common; resorbed ct's rounded; non mag; non cbd; <1% q-ank @30+80; chl'c; gen homogeneous; not 6competent6-RQD=30; trailing ct is indistinct; min'd@ numerous narrow py zones @87-102
BG11-176	102.15	122.00	13e		Syenite	red-br	red	fine	medium			mody alt'd syenite-locy posy por @118-122+103-105; homogeneous; rare 1/2-3/4" xeno's; non mag; not cbd; competent-RQD=80; min'd@119.1-119.3
BG11-177	0.00	6.00	100		Casing							
BG11-177	6.00	22.20	8a		Conglomerate	dk green		fine	coarse			non-magnetic and spotty magnetic; poorly sorted sub rounded to rounded pebbles and cobbles, polymictic; lower greenschist alt'n with perv chl alt'n, white and pink white carb vn'lets, multiple slips at generally 30-45 deg TCA with chl+carb; unit is blocky in sections; sometimes spec hem on slips; contact difficult to discern- broken core, diorite breccia has appearance of a conglomerate due to breccia
BG11-177	22.20	37.33	13cbx		Diorite Breccia	dk green		aph	coarse			non-magnetic and some sections that are weakly magnetic; perv chl alt'n, some sections with spotty epi, some sections with pale red perv oxy'd hem alt'n; white carb in late vn'lets and in micro-frac's with occasional spec hem; 26 to 28.5m possible syenite dyke; **weak mineralized zone from 33 to 33.9m with 1-5% py on carb slips**; from 32 to 37.33 badly broken ground
BG11-177	37.33	37.50	13e		Syenite	med pale mauve		aph	fine			strong perv carb alt'n
BG11-177	37.50	41.65	13c		Diorite	med green	dk green	aph				non-magnetic; strong perv carb alt'n and chl alt'n, mod ser alt'n from 37.5 to 38m with 2-5% py on slips at 37.6m, strong anastomosing, sinuous frac's with chl at 65 deg TCA and 30 deg TCA, 38.38 to 38.8m badly broken ground with mutliple frac's + chl
BG11-177	41.65	42.23	QFP		Quartz Feldspar Porphyry	dk brown		aph	med			strong carb + mod ser alt'n; negl mineralization
BG11-177	42.23	44.90	13c		Diorite	med green		aph				magnetic; weak to mod carb alt'n, mod perv chl alt'n; 5-10% white carb vn'ing
BG11-177	44.90	46.30	QFP		Quartz Feldspar Porphyry	dk red brown		aph	med			non-magnetic; perv red oxy'd hem alt'n + chl in amygdules; pale green feld pheno's
BG11-177	46.30	61.10	13cbx		Diorite Breccia	med green	dk green	aph	coarse			non-magnetic; perv chl alt'n + carb in frac's and vn's;multiple slips with chl + carb; **good mineralized py zones at 57.4to 57.7m, 58.62 to 58.75m, and 59.6 to 60.1m up to FP contact, but core is badly broken RQD ~40%**
BG11-177	61.10	70.40	FP		Feldspar Porphyry	mauve dark brown		aph	coarse			non-magnetic; perv redoxy'd hem alt'n; bimodal sized feldspar pheno's; lower contact broken core
BG11-177	70.40	81.15	13c		Diorite	med to dark green	light yellow green	aph	fine			non-magnetic; unit is badly broken 25-60% RQD; **mod frac'd sections with perv sil alt'n and py vn'lets at 71.9 to 72.46 (FP dyke at 71.9 to 72.2m), 73 to 73.36, 80.3-80.4**; 77.4 to 78m probable Syenite dyke; 80.7 to 81.15 pink carb vn at 0 deg TCA with spec hem; sharp lower contact with QFP at 45 deg TCA, fault-slip at contact
BG11-177	81.15	88.00	QFP		Quartz Feldspar Porphyry	red orange brown	med green	aph	med			non-magnetic; variable sil-dol alt'n+ chl and red oxy'd hem and strong brittle and ductile slips-shears at both contacts; **from contact 81.15 to 83.2 1-12% py in vn's with 5-15% py in vn's up to 1cm wide at 81.5 to 81.7, 82.5 to 82.7 and 83 to 83.2 with a 1cm wide 90% vn at 83m 87.5 to 88m ductile shears at 25 to 40 deg TCA with sil-dol vn'ing having 5-10% py** lower contact possibly at 30 deg TCA; *from 88 to 114.5m lithologies and contacts become difficult to discern due to strong sil alt'n higher temp metamorphism and shear-fracturing in this section- North Bidgood Break?*
BG11-177	88.00	91.90	13cbx		Diorite Breccia	steel grey	pale med green	aph	fine			non-magnetic; (possible Tuff or sediment) strong brittle-ductile fracturing with qtz-dol healing with 1-7% spec hem and <1% py; perv sil-dol-ser-chl alt'n
BG11-177	91.90	93.45	QFP		Quartz Feldspar Porphyry	brown red	brick red	aph	fine			non-magnetic; fine micro frac'ingwith chl+ser; negl mineralization; lower contact at 85 deg TCA

Hole_ID	From	To	Lith 1	Lith 2	Lithology Name	Colour1	Colour2	Grain Size 1	Grain Size 2	Text	Text	Description
BG11-177	93.45	110.66	13cbx		Diorite Breccia	steel grey	orange-brown-green	aph	med			as with unit at 88-91m; **94.5 to 95.8m 2-10% py mineralization in irregular frac's**; 106.2 to 106.47m possible Sil Dyke; 108.5 to 110.66m predominantly perv chl alt'n with ser in micro frac's and 15-25% late qtz-dol vn'ing
BG11-177	110.66	113.70	QFP		Quartz Feldspar Porphyry	light red brown	pale light grey-yellow-green	aph	med			non-magnetic; strong brittle-ductile shear slips-frac's; strong sil-ser-dol alt'n; **112.95 to 114.5m 3-12% py in irregular fractures healed with grey-white qtz-dol at generally 30 to 45 deg TC/**
BG11-177	113.70	122.00	13cbx		Diorite Breccia		med green	aph	med			non-magnetic; sil alt'n from contact 113.7 to 114.5m with 3-12% py in frac-slips healed with qtz-dol; after 114.5m immediate gradational weakening in shear and alteration; 122m EOH
BG11-178	0.00	5.00	100		Casing							
BG11-178	5.00	21.00	13cbx		Diorite Bx	gn	gn-buff	cse	med			posy boulders @4.6-5.0 -QFP @4.9-5.0; posy QFP @20.3-21.3 where ser-sil pale gy; locy 20% bx frag's up to 0.2m in dio (could be tuff); spec hem common; resorbed ct's rounded; non mag; non cbd; <1% q-ank @70; chl'c; gen homogeneous; not competent-RQD=30; indistinct nat trailing ct; min'd@13.4-13.6;
BG11-178	21.00	70.10	13c		Diorite	med gy	br	fine				25%-60% pk-pa gy feld in chl; mody mag except in min'd leuco zones; 2% epi vn's+clots; not competent-RQD=10-30; non cbd; <1%% q-ank vn's locy conc gen @30; min'd @37.6, 41.25; shrp nat trailing ct @80;posy sy @43.3-43.7 but could be hem'n; QFP in BC @41.0-41.3; heavy spec assd w posy por (48.5-48.7@20 in BC) @ 47.7-49.3; **"6'drift" @41.8-43.3;**
BG11-178	70.10	81.25	BP		Bimodal Porphyry	pur-br	gy	Cse				fresh; competent-RQD=80; 10% 1/4"euhedral feld phenos+30%feld +10%qtz 1/8" phenos; 1% q-ank vn's to 1/8"@30 gen; non cbd; homogeneous; non mag; shrp nat trailing ct@70
BG11-178	81.25	82.20	13cbx		Diorite Bx	gn	gn-buff	cse	med			locy 20% bx frag's up to 0.2m in dio (could be tuff); spec hem common; resorbed ct's rounded; non mag; non cbd; <1% q-ank @70; chl'c; gen homogeneous; not competent-RQD=50; shrp nat trailing ct@65; min'd@81.25-82.2
BG11-178	82.20	84.20	BP		Bimodal Porphyry	pur-br	gy	Cse				fresh; not competent-RQD=20; 10% 1/4"euhedral feld phenos+30%feld +10%qtz 1/8" phenos; non cbd; homogeneous; non mag; shrp nat trailing ct@70
BG11-178	84.20	88.25	13cbx		Diorite Bx	gn	gn-buff	cse	med			locy 20% bx frag's up to 0.2m in dio (could be tuff); spec hem common; resorbed ct's rounded; non mag; non cbd; <1% q-ank @70; chl'c; gen homogeneous; not competent-RQD=30; shrp nat trailing ct@65; min'd@84.5-84.7, 85.6-85.9
BG11-178	88.25	89.55	QFP		Quartz Feldspar Porphyry	br	red-br	medium				alt'd locy; non mag; 30% anhedral 1/8"glassy-gnish qtz phenos+30% feld phenos; bl'd hily; ser'd; wy cbd;competent-RQD=70; shrp nat trailing ct@30; min'd@89.0-89.55
BG11-178	89.55	96.70	13cbx		Diorite Bx	gn	gn-buff	cse	med			locy 20% bx frag's up to 0.2m in dio (could be tuff); spec hem common; resorbed ct's rounded; non mag; non cbd; <1% q-ank @70; chl'c; gen homogeneous; competent-RQD=70; shrp nat trailing ct@45; min'd@91.8-92.1
BG11-178	96.70	100.90	QFP		Quartz Feldspar Porphyry	br	red-br	medium				alt'd locy; non mag; 30% anhedral 1/8"glassy-gnish qtz phenos+30% feld phenos; bl'd hily; ser'd; wy cbd;competent-RQD=70; shrp nat trailing ct@80; min'd@96.7-96.8, 100.0-100.8
BG11-178	100.90	104.20	13cbx		Diorite Bx	gn	gn-buff	cse	med			locy 20% bx frag's up to 0.2m in dio (could be tuff); spec hem common; resorbed ct's rounded; non mag; non cbd; <1% q-ank @70; chl'c; gen homogeneous; competent-RQD=70; shrp nat trailing ct@70; min'd@101.3-104.1
BG11-178	104.20	113.60	QFP		Quartz Feldspar Porphyry	br	red-br	medium				alt'd locy; non mag; 30% anhedral 1/8"glassy-gnish qtz phenos+30% feld phenos; bl'd hily; ser'd; wy cbd;competent-RQD=70; shrp nat trailing ct@65; min'd@105.0-105.1, 107.4-107.5
BG11-178	113.60	155.00	13cbx		Diorite Bx	gn	gn-buff	cse	med			locy 20% bx frag's up to 0.2m in dio (could be tuff); spec hem common; resorbed ct's rounded; non mag; non cbd; <1% q-ank @70; chl'c; gen homogeneous; competent-RQD=70; posy QFP but more likely bx frag's @126.5-126.9+127.2-127.5min'd@115.6-115.7, 117.7-118.1, 120.4-120.6, 123.0-123.7, 124.2-124.3, 124.6-125.2, 126.5-127.5, 136.2-136.3, 153.0-153.1
BG11-179	0.00	4.70	100		Casing							
BG11-179	4.70	43.90	QFP		Quartz Feldspar Porphyry	buff	pa y-gn	medium				fresh; non mag; 30% anhedral 1/8"glassy-gnish qtz phenos+30% feld phenos; bl'd hily; hem'd wy @20.4-22.4, 27.9-30.7; chl'd hily @22.4-23.6@75; ser'd; wy cbd;sim to Boundary por; competent-RQD=80 until 28.7-then=10; trailing ct in BC; min'd@22.45-22.5, 27.9,
BG11-179	43.90	56.20	13cbx		Diorite Bx	gn	gn-buff	cse	med			locy 20% bx frag's up to 0.2m in dio (could be tuff); spec hem common, especially @ start; resorbed ct's rounded; wy mag; non cbd; <1% q-ank @30; chl'c; gen homogeneous; not competent-RQD=10; trailing ct in BC
BG11-179	56.20	58.80	QFP		Quartz Feldspar Porphyry	br	red-br	medium				fresh; wy mag; 30% anhedral 1/8"glassy-gnish qtz phenos+30% feld phenos; wy cbd;not competent-RQD=10; trailing ct in BC;

Hole_ID	From	To	Lith 1	Lith 2	Lithology Name	Colour1	Colour2	Grain Size 1	Grain Size 2	Text	Text	Description
BG11-179	58.80	99.75	13cbx		Diorite Bx	gn	gn-buff	cse	med			locy 20% bx frag's up to 0.2m in dio (could be tuff); spec hem common; resorbed ct's rounded; wy mag to 59.0, then non mag; non cbd; <1% q-ank @70; chl'c; gen homogeneous; not competent-RQD=10 until 89.0, then=70; min'd@72.4-72.9, 83.1, 93.5-96.2, 96.6-96.7, 99.0-99.9; flt trailing ct@35; poss dk pur sy @91.7-93.25@30 or could be QFP chill zone but more likely alt'd dio; 5-15% q-ank ladders@87.0-98.0
BG11-179	99.75	138.80	QFP		Quartz Feldspar Porphyry	buff	pa y-gn	medium				fresh; non mag; 30% anhedral 1/8"glassy-gnish qtz phenos+30% feld phenos; bl'd hily; ser'd; wy cbd;sim to Boundary por to 122.0; mody alt'd+hem'd@134.5-138.8; competent-RQD=90; shrp nat trailing ct@30 ; min'd@126.3-126.6, 130.9-131.2, 134.6-134.9, 136.9-137.0
BG11-179	138.80	154.30	13cbx		Diorite Bx	gn	gn-buff	cse	med			locy 20% bx frag's up to 0.2m in dio (could be tuff); spec hem common; resorbed ct's rounded; non mag to 152.0-then wy mag; non cbd; 2% q-ank @60; chl'c; gen homogeneous; competent-RQD=70; min'd@144.7-144.8, 146.1-146.2; trailing ct in BC; could be hily alt'd por but doubtful
BG11-179	154.30	155.20	QFP		Quartz Feldspar Porphyry	br	red-br	medium				fresh; wy mag; 30% anhedral 1/8"glassy-gnish qtz phenos+30% feld phenos; wy cbd;competent-RQD=70; shrp trailing ct @30;
BG11-179	155.20	157.00	13cbx		Diorite Bx	gn	gn-buff	cse	med			locy 20% bx frag's up to 0.2m in dio (could be tuff); spec hem common; resorbed ct's rounded; non mag; non cbd; <1% q-ank @70; chl'c; gen homogeneous; not competent-RQD=10; shrp nat trailing ct@45;
BG11-179	157.00	166.20	QFP		Quartz Feldspar Porphyry	br	red-br	medium				fresh; wy mag; 30% anhedral 1/8"glassy-gnish qtz phenos+30% feld phenos; posy dio in BC @158.0-158.8 (gn); wy cbd;not competent-RQD=10; trailing ct in BC; min'd@165.0, 165.9-166.2
BG11-179	166.20	181.90	13cbx		Diorite Bx	gn	gn-buff	cse	med			locy 20% bx frag's up to 0.2m in dio (could be tuff); spec hem common; resorbed ct's rounded; non mag; non cbd; <1% q-ank @70; chl'c; gen homogeneous; not competent-RQD=10 except 169.0-179.0 where=60 ; trailing ct in BC;
BG11-179	181.90	183.30	QFP		Quartz Feldspar Porphyry	br	red-br	medium				fresh; wy mag; 30% anhedral 1/8"glassy-gnish qtz phenos+30% feld phenos; wy cbd; not competent-RQD=10; trailing ct in BC;
BG11-179	183.30	184.75	13cbx		Diorite Bx	gn	gn-buff	cse	med			locy 20% bx frag's up to 0.2m in dio (could be tuff); spec hem common; resorbed ct's rounded; non mag; non cbd; <1% q-ank @70; chl'c; gen homogeneous; not competent-RQD=10 ; min'd@184.3; shrp nat trailing ct@75;
BG11-179	184.75	184.50	QFP		Quartz Feldspar Porphyry	br	red-br	medium				fresh; wy mag; 30% anhedral 1/8"glassy-gnish qtz phenos+30% feld phenos; wy cbd;not competent-RQD=10; shrp nat trailing ct @40;
BG11-179	184.50	191.00	13cbx		Diorite Bx	gn	gn-buff	cse	med			locy 20% bx frag's up to 0.2m in dio (could be tuff); poss QFP hily bl'd @186.4-186.6; spec hem common; resorbed ct's rounded; non mag; non cbd; <1% q-ank @70; chl'c; gen homogeneous; competent-RQD=50 ; min'd@186.1-186.6; **"1' Drift" @ eoh**-no alt'n except q-ank
BG11-179	191.00	191.30			opening							
BG11-180	0.00	4.70	100		Casing							
BG11-180	4.70	13.85	QFP		Quartz Feldspar Porphyry	light beige	light grey	aph	med			non-magnetic; 7.4 to 10m blocky ground; moderate to strong micro frac'ing with perv sil alt'n pale light green feld pheno's; at 10.6 to 13.85m xenolith's of feldspar porphyry and tuff?; 10.1 to 10.2m narow slips at 50 deg TCA with mo and minor py + qtz-dol vn'ing; 5% late pink calcite-carb vn'ing; sharp lower contact at 50 deg TCA py + calcite at contact
BG11-180	13.85	15.80	FP		Feldspar Porphyry	mauve	purple brown	aph	med			weak sil-dol alt'n near contacts; <5% late calcite vn'lets; tr py
BG11-180	15.80	37.13	QFP		Quartz Feldspar Porphyry	light pale yellow-green	light pink-grey	aph	med			non-magnetic; early mod to strong micro frac'ing healed with white sil-dol, late brittle frac's with occassional mo + anhedral fg py usually cross-cutting early frac's; mineralized py frac's at the following sections 21.3 to 22.1m, 29.8 to 31.2m;
BG11-180	37.13	41.10	13cbx		Diorite	dk green		aph				magnetic in sections; perv chl alt'n, 5-10% late white carb vn'lets; 85 deg TCA shear at upper contact with QFP from 37.13 to 37.24m and a narrow shear at 37.75m with ser an qtz-dol vn'ing;
BG11-180	41.10	44.00	FP		Feldspar Porphyry	dk brown mauve		aph				non-magnetic; 5% late white carb vn'ing with chl halo's
BG11-180	44.00	52.80	13c		Diorite	dk green	med green	aph				non-magnetic;perv chl alt'n; bleached alt'n around frac's especially at 47.5 to 48.2m
BG11-180	52.80	53.20	QFP		Quartz Feldspar Porphyry	orange brown	pale green	aph	med			**15-30% py in multiple veining in QFP Dyke; vn'ing up to 2.5cm wide with 90% py in qtz blocky ground**
BG11-180	53.20	54.90	13c		Diorite	dk green		aph	med			magnetic; blocky ground poor recovery;
BG11-180	54.90	64.92	FP		Feldspar Porphyry	med green	dk mauve brown	aph	med			non-magnetic; green coloured matrix from upper contact up to 56.2m, mauve coloured afterwards; bimodal sized feld x-stals; 5-10% late white carb vn'ing; negl mineralization; lower contact 80 deg TCA, slip-fault at contact

Hole_ID	From	To	Lith 1	Lith 2	Lithology Name	Colour1	Colour2	Grain Size 1	Grain Size 2	Text	Text	Description
BG11-180	64.92	75.36	13c		Diorite	med green		aph				non-magnetic; strong per chl alt'n, moderate brittle frac'ing with chl and white carb, 1-2% diss py in frac's overall; *at 68m one 0.5cm wide py carb vn at 50 deg TCA* ; FP Dykes encountered at 66.17-66.52, 70.18-72.7(diorite-FP mix); badly broken core 68 to 68.7m, 71.5 to 72m and 74 to 75.36m; lower contact broken core
BG11-180	75.36	78.20	FP		Feldspar Porphyry	med brown mauve		aph	med			non-magnetic; finer feld-x-stals than unit at 54.9 to 64.92; chl in frac's and late white carb healing in late vn'ing, horneblendes chl'd; negl mineralization; lower contact broken
BG11-180	78.20	80.22	13c		Diorite	dk green		aph				*immediately at contact 0.75?cm wide py vn at 65-70 deg TCA - broken core* ; non-magnetic unit; strong perv chl alt'n with chl in frac's, mod to strong shearing; tr diss py overall; at 79.4m 5cm wide streaks of FP?;
BG11-180	80.22	87.64	QFP		Quartz Feldspar Porphyry	light tan brown		aph	med			upper contact fairly definitive but broken core & lower contact appears to be assimilated into diorite due to high shear + sil-chl alt'n; 82.7 to 83.73m probable diorite unit or chl'd QFP, 1-5% diss py in calcite-carb vn'ing; **84.1 to 88.6m strong ductile shear zone - North Bidgood Break? - at 45 to 80 deg TCA 3-15% py in sections along slips and in qtz-dol-chl vn's from 80.86 to 81.6m, 82.9 to 83.6m, 86.2m, 86.6 to 87m, 87.64m and 88.2 to 88.6m**;
BG11-180	87.64	131.00	13c		Diorite	dk green	khaki green spots	aph	med			non-magnetic; carb alt'n in hairline frac's prevalent from upper contact to ~96m; ~96m epi alt'n as leopard spots and grow larger in diameter after 118.7m; **py in carb frac's and localized shears at 100.6 to 101m, 108.48 to 108.63m, and 115.5m**; 131 EOH
BG12-181	0.00	4.93	100		Casing							
BG12-181	4.93	16.85	QFP		Quartz Feldspar Porphyry	light beige tan	light green-grey	aph	med			non-magnetic; perv sil alt'n; 6.7 to 7.15m primary breccia with subroundedto rounded breccia, iterstitial matrix chloritic; weak to mod fracturing with qtz-dol; **mineralized vn's at 5.23 to 5.36m, 8.2 to 8.4m, 15.7 to 15.87m and at 17.15m**
BG12-181	16.85	21.20	FP		Feldspar Porphyry	dk mauve		aph	fine			non-magnetic; contact may be at 17.2m, strong alt'n at contact makes it difficult to discipher; unit may be another generation of QFP but not as altered and late qtz-dol-calcite vn'ing is more prominent at 70-90 deg TCA than previous unit; lower contact definite alt'n or litho contact
BG12-181	21.20	38.62	QFP		Quartz Feldspar Porphyry	light beige tan	light green-grey	aph	med			similar to unit at 4.93 to 16.85m; **py qtz-dol vn's at 21.7m, 29.91m, 32.45 to 32.7m, 37.6 to 38.62m**; 35 to 38.62m 'Contact Zone' assimilated QFP and Diorite rapid inter-changing units with absorbed and breccia with mod to strong shear slips with strong chl-ser alt'n, bleached appearance, 1-5% spec hem in carb vn'ing, occasional py vn'ing from 37.6m to 38.62m contact; lower contact at 45 deg TCA
BG12-181	38.62	44.64	13cbx		Diorite Breccia	army green	grey-green	aph	coarse			non-magnetic; weak qtz-dol vn'lets ~5-10%; weak frac'ing; 1-3% spec hem on slips; lower contact definitive at 35 deg TCA
BG12-181	44.64	62.34	QFP		Quartz Feldspar Porphyry	grey-green	light brown	aph	med			similar to units 4.9 to 16.85 and 21.2 to 38.62m mod to strong penetrative to non-penetrative frac'ing healed with qtz-dol; **49.68 to 49.73m 5cm wide white to grey to blue qtz vn with mo and cpy + 1-3% py, other qtz-mo vn's at 49.89m, 50.1m, 51.15m**; lower contact at 35-40 deg TCA with 1cm wide qtz-dol vn
BG12-181	62.34	84.90	13cbx		Diorite Breccia	grey-green		aph	coarse			non-magnetic; mod per chl alt'n, occasionl 0-10 deg TCA late carb vn'ing with spec hem; 63.34 to 80.6m blocky ground, poor recovery in some sections; **64.47 to 65.38m strong frac'd zone with chl+dol alt'n bleached appearance with occasional 5-7% py vn'lets 2-3mm wide, fualt a 64.47m at 45 deg TCA with bx, North Bidgood Break splay?**; 70 to 84.9m occasional widely spaced <1mm to 0.75cm wide carb vn'ing with variable py; diorite appears to have chill contact - sil alt'n due to proximity to QFP unit; definitive contact at 20-25 deg TCA with 1cm wide grey sil-dol vn with 5% fg py
BG12-181	84.90	113.30	QFP		Quartz Feldspar Porphyry	mauve -pink brown	green-grey	aph	med			non-magnetic; 10-15% pale white qtz-dol vn'ing at predomonantly 55-65 and 5 to 25 deg TCA with occasional spec hem; some sections show fabric fol'n at 35 to 40 deg TCA; localizaed shear zone at 89.65 to 89.8 at 65 deg TCA with 4cm wide qtz-dol vn + ser+chl; 103.28-103.57m later QFP dyke - different generation, light yellow-green coloured; **104.3 to 104.44m 0.25 to 2cm wide white to grey-white to dark grey qtz with 10-15% anhedral py; 110 to 111.25m brick red alt'n 5-12% py in1-2mm wide qtz vn'ing at 30 to 50 deg TCA and a 2cm wide irregular dk qtz with 5% py at 110.9m**; lower contact sharp at 50 deg TCA
BG12-181	113.30	118.60	13cbx		Diorite Breccia	mauve dk green		aph	coarse			non-magnetic; fine discontinuous qtz-dol stress frac's; contact zone between QFP-Diorite Breccia; chl'd + minor ser; mod to strong frac-slips at 40 to 65 deg TCA; py confined to discontinuous frac's and slips; fault-slips at 118.1, 118.5 and 118.6 at contact at 35 deg TCA
BG12-181	118.60	146.50	13c		Diorite	dk green	epidote green	aph	med			non-magnetic; shear-fol'n fabric from 118.6 to 120m with sil alt'n; >120m blotchy epi alt'n + perv chl alt'n; py found in widely spaced carb-calcite vn's or in amygdules
BG12-181	146.50	155.20	FP		Feldspar Porphyry	med grey		aph	med			1-2% py in matrix; some carb-calcite vn'ing <5%

Hole_ID	From	To	Lith 1	Lith 2	Lithology Name	Colour1	Colour2	Grain Size 1	Grain Size 2	Text	Text	Description
BG12-181	155.20	161.00	13c		Diorite	dk green	epidote green	aph	med			as with 118.6 to 146.5m;occasional widely spaced carb vn'lets <0.5cm wide with py; EOH at 161m
BG11-182	0.00	5.00	100		Casing							
BG11-182	5.00	97.90	QFP		Quartz Feldspar Porphyry	buff	pa y-gn	medium				fresh; non mag; 30% anhedral 1/8"glassy-gnish qtz phenos+30% feld phenos; bl'd hily; hem'd wy @18.6-22.0, 38.0-53.0 ; chl'd hily @40.95-41.2; ser'd; wy cbd;sim to Boundary por; altn ct (ser) @45 @89.9; competent-RQD=80 until 29-then=50, then=10 @35.0-63.0,=50@63.0-93.0, =90@93.0-97.9; shrp nat trailing ct @45; min'd@9.2-9.3, 13.7-13.8, 22.5-22.6, 29.3-29.4, 34.2, 64.85-65.1, 73.2 (MAIN ZONE), 74.8-75.1, 89.1-89.3, 96.0-98.1
BG11-182	97.90	121.60	BP		Bimodal Porphyry	pur-br	gy	Cse				fresh; competent-RQD=90; 10% 1/4"euhedral feld phenos+30%feld +10%qtz 1/8" phenos; bl'd-ser'd @113.0-121.61% q-ank vn's to 1/8"@30 gen; non cbd; homogeneous; non mag; shrp nat trailing ct@40; min'd@121.55
BG11-182	121.60	146.80	13e		Syenite	red-br	red	fine	medium			homogeneous; rare 1/2-3/4" xeno's; non mag; not cbd; competent-RQD=80; 5% q-ank@30@134.0-141.0; box 39 broke and core slipped-134.0-138.2; min'd@127.7-129.0, 132.2, 145.2 ; shrp nat trailing ct @45
BG11-182	146.80	168.80	13cbx		Diorite Bx	gn	gn-buff	cse	med			locy 20% bx frag's up to 0.2m in dio (could be tuff); spec hem common; dk gn chl clots ~20%; resorbed ct's rounded; non mag; non cbd; <1% q-ank @60; chl'c; gen homogeneous;competent-RQD=70 except 149.0-156.0 where=10 ; shrp nat trailing ct @45; min'd@159.8-160.0, 162.7-162.8, 164.8
BG11-182	168.80	193.90	QFP		Quartz Feldspar Porphyry	gy		medium				fresh; wy mag; 30% anhedral 1/8"glassy-gnish qtz phenos+30% feld phenos; wy cbd; not competent-RQD=10 until 171.0-then=50 except =10@177.0-180.0; trailing ct in BC ; min'd@168.8-169.1, 171.3, 172.7, 193.05
BG11-182	193.90	198.60	13cbx		Diorite Bx	gn	gn-buff	cse	med			locy 20% bx frag's up to 0.2m in dio (could be tuff); spec hem common; 5% epi clots; resorbed ct's rounded; non mag; non cbd; <1% q-ank @60; chl'c; gen homogeneous;not competent-RQD=20; trailing ct in BC; min'd@197.0
BG11-182	198.60	209.40	QFP		Quartz Feldspar Porphyry	gy		medium				fresh; wy mag; 30% anhedral 1/8"glassy-gnish qtz phenos+30% feld phenos; wy cbd; not competent-RQD=30; shrp nat trailing ct @40 ;
BG11-182	209.40	230.00	13cbx		Diorite Bx	gn	gn-buff	cse	med			locy 20% bx frag's up to 0.2m in dio (could be tuff); spec hem common; 5% epi clots; resorbed ct's rounded; non mag; non cbd; <1% q-ank @60; chl'c; gen homogeneous; competent-RQD=60; shrp nat trailing ct @40; min'd@214.1, 215.2-215.4, 226.4-226.5, 227.0, 228.1

Hole_ID	Depth	Raw_Azimuth	True_Azimuth	NAD83_N	Dip	Magnetic_Field
BZ11-40	26	158.77	147.27	146.3	-60.61	58008
BZ11-40	100	159.21	147.71	146.8	-59.04	28042
BZ11-40	188	160.97	149.47	148.5	-58.46	56051
BZ11-40	215	161.12	149.62	148.7	-58.23	55984
BZ11-38	26	113.7	102.2	101.3	-57.19	56504
BZ11-38	77	114.86	103.36	102.4	-56.64	56357
BZ11-38	122	116.77	105.27	104.3	-56.02	56188
BZ11-39	26	127.36	115.86	114.9	-58.6	28637
BZ11-39	77	130.3	118.8	117.9	-57.3	56515
BZ11-39	113	131	119.5	118.6	-57.1	56436
BZ11-43	50	181.61	170.11	169.2	-41.8	59246
BZ11-43	100	180.12	168.62	167.7	-42.01	55782
BZ11-43	150	182.83	171.33	170.4	-41.93	55872
BZ11-43	200	180.57	169.07	168.1	-41.79	55984
BZ11-43	254	181.58	170.08	169.1	-41.5	56195
BZ11-45A	50	202.85	191.35	190.4	-52.81	59021
BZ11-45A	101	201.91	190.41	189.5	-53.39	55301
BZ11-45A	155	308	296.5	295.6	-53.99	67891
BZ11-45A	200	206.39	194.89	194.0	-54.71	56334
BZ11-45	251	206.34	194.84	193.9	-55.75	55234
BZ11-45	299	207.05	195.55	194.6	-56.17	55498
BZ11-45	344	207.13	195.63	194.70	-56.88	55541
BZ11-44	53	3.65	-7.85	-8.78	-55.99	46286
BZ11-44	101	139.55	128.05	127.1	-55.97	56232
BZ11-44	155	140.71	129.21	128.3	-55.61	55318
BZ11-44	200	220.97	209.47	208.5	-55.15	56843
BZ11-44	242	144.63	133.13	132.2	-54.83	55337
BZ11-41	26	171.49	159.99	159.1	-42.42	56099
BZ11-41	62	172.6	161.1	160.2	-42.72	55994
BZ11-42	27	198.08	186.58	185.6	-41.29	55987
BZ11-42	72	197.79	186.29	185.4	-41.03	56551
BZ11-46	17	122.47	110.97	110.0	-54.97	56433
BZ11-46	50	122.68	111.18	110.2	-54.39	56036
BZ11-46	101	127	115.5	114.6	-52.15	55782
BZ11-46	139	132.71	121.21	120.3	-48.04	55774

Hole_ID	Depth	Raw_Azimuth	True_Azimuth	NAD83_N	Dip	Magnetic_Field	Type	Comments
B09-01	111	147.9	136.4		-41.5	57620	Reflex EZ Shot	
B09-02	66	192.3	180.8		-47.8	55600	Reflex EZ Shot	
B09-03	66	195	183.5		-47.7	55850	Reflex EZ Shot	
B09-04	71	131	119.5		-47	55580	Reflex EZ Shot	
B09-05	72		-11.5				Reflex EZ Shot	
B09-06	75	359.6	150		-40.9	20700	Reflex EZ Shot	magnetic interference, azm reading changed to 150 azm
B09-07	81	358	150		-44.2	27720	Reflex EZ Shot	magnetic interference, azm reading changed to 150 azm
B09-08			-11.5				Reflex EZ Shot	
B09-09	78	202.9	150		-44.3	24200	Reflex EZ Shot	magnetic interference, azm reading changed to 150 azm
B09-10	84	159.9	148.4		-40.3	55570	Reflex EZ Shot	
B09-11	75	159.8	148.3		-38.4	55870	Reflex EZ Shot	
B09-12	81	146.4	134.9		-40.6	56610	Reflex EZ Shot	
B09-13A	0.5	307	307		-45			
B09-13B	87	311.7	300.2		-44.8	56662	Reflex EZ Shot	
B09-14	21	162.5	151		-71.5	33470	Reflex EZ Shot	magnetic interference?
B09-15	78	335.3	323.8		-40.8	59350	Reflex EZ Shot	
B10-16	124	207.5	109		-40	17880	Reflex EZ Shot	magnetic interference, do not use azm reading
B10-17	72	339	327.5		-41.2	55830	Reflex EZ Shot	
B10-18	200	153.4	141.9		-41.4	55860	Reflex EZ Shot	
B10-19	51	191.8	180.3		-43.1	55540	Reflex EZ Shot	
B10-20	111	178.2	166.7		-38.9	55170	Reflex EZ Shot	
B10-21	51	151.1	139.6		-39.3	55830	Reflex EZ Shot	
B10-22	51	122.9	111.4		-39.6	55770	Reflex EZ Shot	
B10-23	69	117	105.5		-41.8	55660	Reflex EZ Shot	
B10-24	72	153	141.5		-42.3	55660	Reflex EZ Shot	
B10-25	75	141.6	130.1		-56.4	55960	Reflex EZ Shot	
B10-26	75	120.6	109.1		-50.1	55980	Reflex EZ Shot	
B10-31	228	124.3	112.8		-56.9	55607	Reflex EZ Shot	
B10-33	120	32.4	20.9		-41.4	55860	Reflex EZ Shot	
B10-34	171	187	175.5		-41.9	55300	Reflex EZ Shot	
B10-35	81	152.1	140.6		-41.3	55840	Reflex EZ Shot	
B10-36	84	166.4	154.9		-41	55730	Reflex EZ Shot	
B10-37	99	180.4	168.9		-40.8	55570	Reflex EZ Shot	
BV10-1	78	150.9	139.4		-41.9	56130	Reflex EZ Shot	
BV10-2	78	160.9	149.4		-41.6	58167	Reflex EZ Shot	
BV10-3	66	126.2	114.7		-44.1	55860	Reflex EZ Shot	
BV10-4	72	160.4	148.9		-45.6	55930	Reflex EZ Shot	
BV10-5	90	139.1	127.6		-59.9	58260	Reflex EZ Shot	
BV10-6	94	142.1	130.6		-61	56400	Reflex EZ Shot	

Hole_ID	Depth	Raw_Azimuth	True_Azimuth	NAD83_N	Dip	Magnetic_Field	Type	Comments
BV10-7	51	133.2	121.7		-44.9	56140	Reflex EZ Shot	
BV10-8	42	136.6	125.1		-46.8	56420	Reflex EZ Shot	
ML11-01	51	212.15	200.65	199.72	-53.5	56597	Peewee	
ML11-01	102	211.43	199.93	199.00	-53.94	57177	Peewee	
ML11-01	150	211	199.5	198.57	-54.1	57059	Peewee	
ML11-01	201	210.8	199.3	198.37	-53.93	56641	Peewee	
ML11-01	252	209.13	197.63	196.70	-54.2	56316	Peewee	
ML11-01	300	209.9	198.4	197.47	-54	55481	Peewee	
ML11-01	351	209.6	198.1	197.17	-53.8	56110	Peewee	
ML11-01	402	209.3	197.8	196.87	-53.6	56970	Peewee	
ML11-01	450	214	202.5	201.57	-54	56578	Peewee	
ML11-01	501	211.53	200.03	199.10	-53.74	56747	Peewee	
ML11-01	564	211.4	199.9	198.97	-53.7	56664	Peewee	
ML11-02	15	179.22	167.72	166.79	-49.03	56469	Peewee	
NL11-02	51	180	168.5	167.57	-48.8	56352	Peewee	
ML11-02	102	181.3	169.8	168.87	-48.5	56434	Peewee	
ML11-02	150	179	167.5	166.57	-48.93	56837	Peewee	
ML11-02	201	179.75	168.25	167.32	-48.82	56612	Peewee	
ML11-02	250	180.1	168.6	167.67	-48.3	56301	Peewee	
ML11-02	351	179.9	168.4	167.47	-47.6	56517	Peewee	
ML11-02	300	180	168.5	167.57	-48.1	56501	Peewee	
ML11-02	402	179.1	167.6	166.67	-47.5	56523	Peewee	
MJ11-02	450	179.03	167.53	166.60	-47.58	56934	Peewee	
ML11-02	501	180.9	169.4	168.47	-47.41	57078	Peewee	
ML11-03	102	343.6	332.1	331.17	-43.4	55883	Peewee	
ML11-03	130	342.84	331.34	330.41	-43.07	56504	Peewee	
ML11-03	200	345.56	334.06	333.13	-43.58	57602	Peewee	
ML11-03	250	345.2	333.7	332.77	-43.7	56119	Peewee	
ML11-03	315	345.01	333.51	332.58	-43.81	56231	Peewee	
ML11-04	15	133.47	121.97	121.04	-48.34	57085	Peewee	
ML11-04	50	136.4	124.9	123.97	-48.3	57474	Peewee	
ML11-04	102	135.97	124.47	123.54	-47.91	57093	Peewee	
ML11-04	159	135.67	124.17	123.24	-46.64	55706	Peewee	
ML11-05	15	135.54	124.04	123.11	-53.28	60172	Peewee	
ML11-05	51	135.4	123.9	122.97	-53.1	56604	Peewee	
ML11-05	102	137.48	125.98	125.05	-52.59	56947	Peewee	
ML11-06	15	112.6	101.1	100.17	-53.9	57522	Peewee	
ML11-06	51	115.64	104.14	103.21	-53.15	56740	Peewee	
ML11-06	102	116.53	105.03	104.10	-52.9	55902	Peewee	
ML11-06	156	114.5	103	102.07	-52.3	56644	Peewee	
ML11-06	201	114.51	103.01	102.08	-51.85	56236	Peewee	
ML11-07	15	137.4	125.9	124.97	-55.4	57327	Peewee	
ML11-07	51	138.23	126.73	125.80	-54.37	57913	Peewee	
ML11-07	102	138.9	127.4	126.47	-54	56770	Peewee	
ML11-07	150	138.52	127.02	126.09	-53.96	57227	Peewee	

Hole_ID	Depth	Raw_Azimuth	True_Azimuth	NAD83_N	Dip	Magnetic_Field	Type	Comments
ML11-08	508	175.2	163.7	162.77	-41.9	83698	Peewee	
ML11-08	550	14.25	2.75	1.82	-42.31	56388	Peewee	
ML11-08	601	117.61	106.11	105.18	-41.84	85116	Peewee	
ML11-08	631	161.4	149.9	148.97	-42	57430	Peewee	
ML11-09	15	7.08	-4.42	-5.35	-59.83	56352	Peewee	
ML11-09	51	5.15	-6.35	-7.28	-58.87	55436	Peewee	
ML11-09	102	4.12	-7.38	-8.31	-58	55631	Peewee	
ML11-09	156	108.8	97.3	96.37	-59.3	57300	Peewee	
ML11-09	201	12.37	0.87	-0.063	-59.43	56366	Peewee	
ML11-09	252	13	1.5	0.567	-6	56273	Peewee	
ML11-09	300	13.88	2.38	1.447	-60.22	56099	Peewee	
ML11-09	350	14.02	2.52	1.587	-6.53	56321	Peewee	
ML11-09	402	17.44	5.94	5.007	-60.52	56551	Peewee	
ML11-09	450	331.79	320.29	319.357	-60.26	14786	Peewee	
ML11-09	501	6.03	-5.47	-6.403	-60.51	13316	Peewee	
ML11-09	552	23.07	11.57	10.637	-60.71	54797	Peewee	
ML11-09	600	22.34	10.84	9.907	-60.02	56195	Peewee	
ML11-09	651	25.88	14.38	13.447	-61.12	55757	Peewee	
ML11-09	678	27.41	15.91	14.98	-61.21	56266	Peewee	
ML11-10	15	123.49	111.99	111.06	-43.07	60787	Peewee	
ML11-10	51	130.35	118.85	117.92	-43.95	56858	Peewee	
ML11-10	102	125.89	114.39	113.46	-44.48	58556	Peewee	
ML11-10	150	135.41	123.91	122.98	-43.44	56623	Peewee	
ML11-10	180	136.75	125.25	124.32	-43.26	56642	Peewee	
ML11-11	15	355.01	343.51	342.58	-40.95	51065	Peewee	
ML11-11	51	85.4	73.9	72.97	-40.85	57102	Peewee	
ML11-11A	12	79.43	67.93	67.00	-48.57	56603	Peewee	
ML11-11A	51	83.42	71.92	70.99	-48.33	56982	Peewee	
ML11-11A	105	86.98	75.48	74.55	-48.65	56858	Peewee	
ML11-11A	150	87.68	76.18	75.25	-48.90	56515	Peewee	
ML11-11A	180	89.94	78.44	77.51	-49.27	57099	Peewee	
ML11-12	15	172.73	161.23	160.30	-49.17	56668	Peewee	
ML11-12	51	174.1	162.6	161.67	-49.02	56549	Peewee	
ML11-12	102	176.45	164.95	164.02	-49.51	57655	Peewee	
ML11-12	150	177.18	165.68	164.75	-49.52	56178	Peewee	
ML11-12	201	176.74	165.24	164.31	-48.91	56321	Peewee	
ML11-13	51	174.6	163.1	162.17	-69.2	56600	Flex	
ML11-13	150	177.4	165.9	164.97	-69	55330	Flex	
ML11-13	152	177.6	166.1	165.17	-69.3	56230	Flex	
ML11-13	201	176.5	165	164.07	-69	56310	Flex	
ML11-13	300	178.3	166.8	165.87	-68.9	55890	Flex	
ML11-13	351	176.7	165.2	164.27	-68.6	56800	Flex	
ML11-13	402	180.3	168.8	167.87	-68.3	56320	Flex	
ML11-13	450	181.3	169.8	168.87	-68	56480	Flex	
ML11-13	501	179.1	167.6	166.67	-68.4	55640	Flex	

Hole_ID	Depth	Raw_Azimuth	True_Azimuth	NAD83_N	Dip	Magnetic_Field	Type	Comments
ML11-13	552	180.3	168.8	167.87	-67.8	55560	Flex	
ML11-13	600	181.2	169.7	168.77	-67.3	55630	Flex	
ML11-13	650	182.1	170.6	169.67	-67	56330	Flex	
ML11-13	699	183.1	171.6	170.67	-66.8	56530	Flex	
ML11-13	753	182.5	171	170.07	-66.2	55470	Flex	
ML11-13	801	181.8	170.3	169.37	-61.8	55560	Flex	
ML11-13	852	185.8	174.3	173.37	-65.2	55620	Flex	
ML11-13	903	186	174.5	173.57	-64.8	55740	Flex	
ML11-13	951	186.2	174.7	173.77	-64.7	55330	Flex	
ML-11-13	1002	186.6	175.1	174.17	-64.5	55600	Flex	

Hole_ID	Depth	Raw_Azimuth	True_Azimuth	NAD83_N	Dip	Magnetic_Field	Type	Comments
BG10-54	81	174.7	163.2	162.3	-62.8	51220	Peewee	magnetic use dip only
BG10-55	15	190.3	178.8	177.9	-43.9	57040	Peewee	magnetic use dip only
BG10-55	81	184.5	173	172.1	-44.4	55620	Peewee	non mag; direction discrepency vs proposed, requires gyro survey
BG10-57	15	131.3	119.8	118.9	-44	55800	Peewee	magnetic use dip only; requires gyro survey
BG10-57	81	153.5	142	141.1	-44.7	54120	Peewee	magnetic use dip only; requires gyro survey
BG10-75	15	182.2	170.7	169.8	-67.5	53210	Peewee	magnetic use dip only; requires gyro survey
BG10-75	90	175.6	164.1	163.2	-67.4	49810	Peewee	magnetic use dip only; requires gyro survey
BG10-95	15	134.4	122.9	122.0	-42.5	51740	Peewee	magnetic use dip only; requires gyro survey
BG10-95	90	143.9	132.4	131.5	-42.5	55920	Peewee	magnetic use dip only; requires gyro survey
BG10-96	15	120.1	108.6	107.7	-58.2	53040	Peewee	magnetic use dip only; requires gyro survey
BG10-96	60	131.6	120.1	119.2	-59.9	51420	Peewee	magnetic use dip only; requires gyro survey
BG10-97	15	146.3	134.8	133.9	-42.6	53620	Peewee	magnetic use dip only; requires gyro survey
BG10-97	90	182.3	170.8	169.9	-43.1	68850	Peewee	magnetic use dip only; requires gyro survey
BG10-98	15	148.3	136.8	135.9	-61.5	49610	Peewee	magnetic use dip only; requires gyro survey
BG10-98	111	138.1	126.6	125.7	-62.7	55910	Peewee	magnetic use dip only; requires gyro survey
BG10-99	9	191	179.5	178.6	-72.9	55332	Peewee	non mag; direction discrepency vs proposed, requires gyro survey
BG10-99	50	197.9	186.4	185.5	-73.9	55423	Peewee	non mag; direction discrepency vs proposed, requires gyro survey
BG10-100	9	215.7	204.2	203.3	-86.4	55271	Peewee	non mag; direction discrepency vs proposed, requires gyro survey
BG10-100	80	202.6	191.1	190.2	-87.2	55178	Peewee	non mag; direction discrepency vs proposed, requires gyro survey
BG10-102	15	130.9	119.4	118.5	-44.5	54870	Peewee	magnetic use dip only; requires gyro survey
BG10-102	159	130.6	119.1	118.2	-46.3	53820	Peewee	magnetic use dip only; requires gyro survey
BG10-103	15	104.8	93.3	92.4	-67.9	52460	Peewee	non mag use reading
BG10-103	81	136	124.5	123.6	-67.7	55210	Peewee	magnetic use dip only
BG10-103	192	128.8	117.3	116.4	-65.2	50730	Peewee	magnetic use dip only
BG10-104	9	98.2	86.7	85.8	-46.1	55519	Peewee	reading too close to casing; magnetic
BG10-104	50	90.7	79.2	78.3	-46.8	55129	Peewee	non mag; use reading
BG10-104	100	98.7	87.2	86.3	-45.8	55156	Peewee	magnetic use dip only
BG10-104	150	106.1	94.6	93.7	-47.8	56722	Peewee	magnetic use dip only
BG10-104	200	100.2	88.7	87.8	-47.8	56051	Peewee	magnetic use dip only
BG10-105	50	86.6	75.1	74.2	-61.1	50970	Peewee	non mag; use reading
BG11-35	84	29.6	18.1	17.2	-40.4	51000	Flex	magnetic use dip only; requires gyro survey
BG11-74	0		303.8	302.8	-43.2		Gyro Halliburton	Gyro Survey April 2012
BG11-74	30		306.4	305.5	-42.6		Gyro Halliburton	Gyro Survey April 2012
BG11-74	60		306.0	305.1	-42.6		Gyro Halliburton	Gyro Survey April 2012
BG11-74	90		306.7	305.8	-42.7		Gyro Halliburton	Gyro Survey April 2012

Hole_ID	Depth	Raw_Azimuth	True_Azimuth	NAD83_N	Dip	Magnetic_Field	Type	Comments
BG11-74	120		305.1	304.1	-42.8		Gyro Halliburton	Gyro Survey April 2012
BG11-74	150		307.2	306.3	-42.9		Gyro Halliburton	Gyro Survey April 2012
BG11-74	180		308.5	307.6	-43.0		Gyro Halliburton	Gyro Survey April 2012
BG11-74	210		309.3	308.3	-43.1		Gyro Halliburton	Gyro Survey April 2012
BG11-74	240		310.4	309.4	-43.0		Gyro Halliburton	Gyro Survey April 2012
BG11-74	270		309.2	308.3	-43.0		Gyro Halliburton	Gyro Survey April 2012
BG11-82	*51*	*323.7*	*312.2*	*311.3*	*-42.8*	*56020*	*Flex*	*non mag; direction discrepency vs proposed, requires gyro survey*
BG11-83	51	302.5	291	290.1	-44.2	55130	Flex	
BG11-83	102	302.2	290.7	289.8	-44.1	55320	Flex	
BG11-83	*150*	*307.3*	*295.8*	*294.9*	*-43.2*	*54700*	*Flex*	*magnetic use dip only*
BG11-84	51	281.9	270.4	269.5	-44.5	55910	Flex	
BG11-84	102	279.5	268	267.1	-44	57690	Flex	
BG11-85	18	187.3	175.8	174.9	-61.4	56310	Flex	
BG11-85	51	186.4	174.9	174.0	-60.9	55890	Flex	
BG11-85	102	184.1	172.6	171.7	-64	55500	Flex	
BG11-85	150	182.2	170.7	169.8	-60.8	56300	Flex	
BG11-85	201	185.1	173.6	172.7	-60	55370	Flex	
BG11-85	252	183.2	171.7	170.8	-59.6	55440	Flex	
BG11-85	300	182.6	171.1	170.2	-59.3	56220	Flex	
BG11-85	350	184.1	172.6	171.7	-59.6	56320	Flex	
BG11-85	402	184.8	173.3	172.4	-59.8	55600	Flex	
BG11-85	450	184.4	172.9	172.0	-58.4	56170	Flex	
BG11-85	501	184.2	172.7	171.8	-58.2	56130	Flex	
BG11-85	552	183.9	172.4	171.5	-58	56140	Flex	
BG11-85	600	186.4	174.9	174.0	-57.8	56670	Flex	
BG11-85	651	188.1	176.6	175.7	-57.7	56740	Flex	
BG11-85	693	187.9	176.4	175.5	-57.6	56590	Flex	
BG11-87	0		91.87	90.94	-70.53		Gyro Halliburton	
BG11-87	10		92.13	91.20	-70.3		Gyro Halliburton	
BG11-87	20		92.39	91.46	-70.07		Gyro Halliburton	
BG11-87	30		94.23	93.30	-69.98		Gyro Halliburton	
BG11-87	40		94.96	94.03	-69.67		Gyro Halliburton	
BG11-87	50		95.91	94.98	-69.49		Gyro Halliburton	
BG11-87	60		96.65	95.72	-69.2		Gyro Halliburton	
BG11-87	70		97.23	96.30	-69.48		Gyro Halliburton	
BG11-87	80		97.92	96.99	-69.47		Gyro Halliburton	
BG11-87	90		98.52	97.59	-69.1		Gyro Halliburton	
BG11-87	100		98.98	98.05	-69.02		Gyro Halliburton	
BG11-87	110		99.29	98.36	-68.81		Gyro Halliburton	

Hole_ID	Depth	Raw_Azimuth	True_Azimuth	NAD83_N	Dip	Magnetic_Field	Type	Comments
BG11-87	120		99.75	98.82	-68.56		Gyro Halliburton	
BG11-87	130		100.14	99.21	-68.73		Gyro Halliburton	
BG11-87	140		100.15	99.22	-68.6		Gyro Halliburton	
BG11-87	150		100.41	99.48	-68.55		Gyro Halliburton	
BG11-87	160		100.66	99.73	-68.41		Gyro Halliburton	
BG11-87	170		100.85	99.92	-68.46		Gyro Halliburton	
BG11-87	180		101.06	100.13	-68.49		Gyro Halliburton	
BG11-87	190		101.55	100.62	-68.27		Gyro Halliburton	
BG11-87	200		102.04	101.11	-68.16		Gyro Halliburton	
BG11-87	210		102.49	101.56	-68.23		Gyro Halliburton	
BG11-87	220		103.01	102.08	-68.06		Gyro Halliburton	
BG11-87	230		103.42	102.49	-68.16		Gyro Halliburton	
BG11-87	240		103.74	102.81	-68.17		Gyro Halliburton	
BG11-87	250		104.2	103.27	-68.11		Gyro Halliburton	
BG11-87	260		104.58	103.65	-68.2		Gyro Halliburton	
BG11-87	270		104.75	103.82	-68.11		Gyro Halliburton	
BG11-87	280		105.25	104.32	-67.83		Gyro Halliburton	
BG11-87	290		105.77	104.84	-67.63		Gyro Halliburton	
BG11-87	300		106.1	105.17	-67.38		Gyro Halliburton	
BG11-87	310		106.51	105.58	-67.4		Gyro Halliburton	
BG11-87	320		106.9	105.97	-67.13		Gyro Halliburton	
BG11-87	330		107.28	106.35	-66.97		Gyro Halliburton	
BG11-87	340		107.68	106.75	-66.91		Gyro Halliburton	
BG11-87	350		108.01	107.08	-66.86		Gyro Halliburton	
BG11-87	360		108.27	107.34	-66.68		Gyro Halliburton	
BG11-87	370		108.49	107.56	-66.65		Gyro Halliburton	
BG11-87	380		108.72	107.79	-66.77		Gyro Halliburton	
BG11-87	390		109.04	108.11	-66.59		Gyro Halliburton	
BG11-87	400		109.32	108.39	-66.46		Gyro Halliburton	
BG11-87	410		109.56	108.63	-66.47		Gyro Halliburton	
BG11-87	420		109.85	108.92	-66.43		Gyro Halliburton	
BG11-87	430		110.23	109.30	-66.36		Gyro Halliburton	
BG11-87	440		110.49	109.56	-66.29		Gyro Halliburton	
BG11-87	450		110.71	109.78	-66.26		Gyro Halliburton	
BG11-87	460		111.04	110.11	-66.18		Gyro Halliburton	
BG11-87	470		111.36	110.43	-65.99		Gyro Halliburton	

Hole_ID	Depth	Raw_Azimuth	True_Azimuth	NAD83_N	Dip	Magnetic_Field	Type	Comments
BG11-87	480		111.71	110.78	-65.95		Gyro Halliburton	
BG11-87	490		112.12	111.19	-65.94		Gyro Halliburton	
BG11-87	500		112.42	111.49	-65.85		Gyro Halliburton	
BG11-87	510		112.7	111.77	-65.82		Gyro Halliburton	
BG11-87	520		113.08	112.15	-65.76		Gyro Halliburton	
BG11-87	530		113.42	112.49	-65.67		Gyro Halliburton	
BG11-87	540		113.69	112.76	-65.57		Gyro Halliburton	
BG11-87	550		113.95	113.02	-65.48		Gyro Halliburton	
BG11-87	560		114.19	113.26	-65.4		Gyro Halliburton	
BG11-87	570		114.32	113.39	-65.27		Gyro Halliburton	
BG11-87	580		114.43	113.50	-65.16		Gyro Halliburton	
BG11-87	590		114.63	113.70	-65.17		Gyro Halliburton	
BG11-87	600		114.88	113.95	-65.19		Gyro Halliburton	
BG11-87	610		115.2	114.27	-65.01		Gyro Halliburton	
BG11-87	620		115.57	114.64	-64.94		Gyro Halliburton	
BG11-87	630		115.98	115.05	-64.89		Gyro Halliburton	
BG11-87	640		116.3	115.37	-64.74		Gyro Halliburton	
BG11-87	650		116.54	115.61	-64.68		Gyro Halliburton	
BG11-87	660		116.84	115.91	-64.46		Gyro Halliburton	
BG11-87	670		117.18	116.25	-64.28		Gyro Halliburton	
BG11-87	680		117.46	116.53	-63.99		Gyro Halliburton	
BG11-87	690		117.89	116.96	-63.85		Gyro Halliburton	
BG11-87	700		118.36	117.43	-63.85		Gyro Halliburton	
BG11-87	710		118.87	117.94	-63.81		Gyro Halliburton	
BG11-87	720		119.52	118.59	-63.75		Gyro Halliburton	
BG11-87	730		120.11	119.18	-63.72		Gyro Halliburton	
BG11-87	740		120.61	119.68	-63.76		Gyro Halliburton	
BG11-87	750		121.11	120.18	-63.59		Gyro Halliburton	
BG11-87	760		121.63	120.70	-63.57		Gyro Halliburton	
BG11-87	770		122.14	121.21	-63.76		Gyro Halliburton	
BG11-87	780		122.59	121.66	-63.55		Gyro Halliburton	
BG11-87	787.9		123	122.07	-63.83		Gyro Halliburton	
BG11-88	18	146.8	135.3	134.4	-58.3	56200	Flex	
BG11-88	51	147.6	136.1	135.2	-57.4	56780	Flex	
BG11-88	102	147.6	136.1	135.2	-55.8	55860	Flex	
BG11-88	*150*	*155.6*	*144.1*	*143.2*	*-54.5*	*57070*	*Flex*	*magnetic use dip only*
BG11-88	200	152.2	140.7	139.8	-53.9	55330	Flex	

Hole_ID	Depth	Raw_Azimuth	True_Azimuth	NAD83_N	Dip	Magnetic_Field	Type	Comments
BG11-88	252	151.4	139.9	139.0	-53.1	56030	Flex	
BG11-88	300	153.9	142.4	141.5	-52.4	55520	Flex	
BG11-88	351	154.6	143.1	142.2	-52	55560	Flex	
BG11-88	402	155.6	144.1	143.2	-51.2	55470	Flex	
BG11-88	450	158.2	146.7	145.8	-50	55440	Flex	
BG11-88	501	159	147.5	146.6	-49	55320	Flex	
BG11-88	550	160.2	148.7	147.8	-48.1	55220	Flex	
BG11-88	600	161.4	149.9	149.0	-46.9	56320	Flex	
BG11-88	*650*	*158*	*146.5*	*145.6*	*-47.1*	*59420*	*Flex*	*magnetic use dip only*
BG11-88	*702*	*168.6*	*157.1*	*156.2*	*-46.7*	*57480*	*Flex*	*suspect magnetic use dip only*
BG11-88	750	167.3	155.8	154.9	-46.5	57660	Flex	
BG11-89	0		358.0	357.1	-48.5		Gyro Halliburton	
BG11-89	20		356.5	355.6	-48.4		Gyro Halliburton	Gyro Survey April 2012
BG11-89	40		356.2	355.2	-48.4		Gyro Halliburton	Gyro Survey April 2012
BG11-89	60		357.9	356.9	-48.5		Gyro Halliburton	Gyro Survey April 2012
BG11-89	80		358.4	357.4	-48.6		Gyro Halliburton	Gyro Survey April 2012
BG11-89	100		358.7	357.7	-48.7		Gyro Halliburton	Gyro Survey April 2012
BG11-89	120		358.9	357.9	-48.5		Gyro Halliburton	Gyro Survey April 2012
BG11-89	140		359.1	358.2	-48.4		Gyro Halliburton	Gyro Survey April 2012
BG11-89	160		359.2	358.3	-48.3		Gyro Halliburton	Gyro Survey April 2012
BG11-89	180		359.4	358.4	-48.5		Gyro Halliburton	Gyro Survey April 2012
BG11-89	200		359.5	358.5	-48.6		Gyro Halliburton	Gyro Survey April 2012
BG11-89	210		359.7	358.8	-48.6		Gyro Halliburton	Gyro Survey April 2012
BG11-91	18	195.1	183.6	182.7	-61.2	56550	Flex	
BG11-91	51	194.6	183.1	182.2	-60	56300	Flex	
BG11-91	102	194.3	182.8	181.9	-60.4	55610	Flex	
BG11-91	150	194.1	182.6	181.7	-60.5	55630	Flex	
BG11-91	201	194.4	182.9	182.0	-60.3	55710	Flex	
BG11-91	252	194.3	182.8	181.9	-60.2	55630	Flex	
BG11-91	300	194.1	182.6	181.7	-60	56630	Flex	
BG11-91	351	197.1	185.6	184.7	-60.1	55830	Flex	
BG11-91	402	197.4	185.9	185.0	-60.3	55880	Flex	
BG11-91	450	197.7	186.2	185.3	-60.2	55660	Flex	
BG11-91	501	198.8	187.3	186.4	-59.8	56190	Flex	
BG11-91	552	199.2	187.7	186.8	-59.6	56320	Flex	
BG11-91	600	198.6	187.1	186.2	-59.1	56470	Flex	
BG11-91	651	197.4	185.9	185.0	-58.6	55010	Flex	
BG11-91	699	199.1	187.6	186.7	-58.3	55250	Flex	
BG11-106	33	359.7	348.2	347.3	-51.7	56970	Flex	non mag; direction discrepency vs proposed, requires gyro survey
BG11-108	42	198.2	186.7	185.77	-38.78	56604	Peewee	suspect magnetic use dip only
BG11-109	15		131.59	130.7	-37.71		Gyro Halliburton	

Hole_ID	Depth	Raw_Azimuth	True_Azimuth	NAD83_N	Dip	Magnetic_Field	Type	Comments
BG11-109	30		130.06	129.1	-37.83		Gyro Halliburton	
BG11-109	45		129.73	128.8	-38.22		Gyro Halliburton	
BG11-109	58.71		129.47	128.5	-38.58		Gyro Halliburton	
BG11-110	15		129.52	128.6	-55.2		Gyro Halliburton	
BG11-110	30		128.85	127.9	-54.85		Gyro Halliburton	
BG11-110	45		129.67	128.7	-54.91		Gyro Halliburton	
BG11-110	60		129.92	129.0	-54.76		Gyro Halliburton	
BG11-110	75		130.59	129.7	-54.87		Gyro Halliburton	
BG11-110	90		131.09	130.2	-54.69		Gyro Halliburton	
BG11-110	105		131.36	130.4	-54.73		Gyro Halliburton	
BG11-110	120		131.28	130.3	-54.66		Gyro Halliburton	
BG11-110	135		131.42	130.5	-54.59		Gyro Halliburton	
BG11-110	150		131.64	130.7	-54.6		Gyro Halliburton	
BG11-110	165		131.92	131.0	-54.62		Gyro Halliburton	
BG11-110	180		132.28	131.3	-54.67		Gyro Halliburton	
BG11-110	195		132.13	131.2	-54.74		Gyro Halliburton	
BG11-110	210		132.87	131.9	-54.69		Gyro Halliburton	
BG11-110	222.5		132.72	131.8	-54.55		Gyro Halliburton	
BG11-111	15		141.22	140.3	-37.25		Gyro Halliburton	
BG11-111	30		141.32	140.4	-36.54		Gyro Halliburton	
BG11-111	30.48		141.3	140.4	-36.5		Gyro Halliburton	
BG11-112A	33	154.54	143.04	142.11	-55.05	55995	Peewee	
BG11-113A	*24*	*192.61*	*181.11*	*180.2*	*-71.98*	*53243*	*Peewee*	*suspect magnetic use dip only*
BG11-113A	*72*	*191.84*	*180.34*	*179.4*	*-72.26*	*54300*	*Peewee*	*suspect magnetic use dip only*
BG11-114A	*36*	*118.3*	*106.8*	*105.9*	*-53.7*	*50880*	*Peewee*	*suspect magnetic use dip only*
BG11-115	15		160.45	159.52	-60.73		Gyro Halliburton	
BG11-115	30		160.57	159.64	-60.59		Gyro Halliburton	
BG11-115	45		161.55	160.62	-60.6		Gyro Halliburton	
BG11-115	60		162.24	161.31	-60.65		Gyro Halliburton	
BG11-115	75		162.91	161.98	-60.7		Gyro Halliburton	
BG11-115	90		163.59	162.66	-60.74		Gyro Halliburton	
BG11-115	94.49		163.79	162.86	-60.75		Gyro Halliburton	
BG11-116	15		131.05	130.12	-61.71		Gyro Halliburton	
BG11-116	30		131.2	130.27	-61.59		Gyro Halliburton	
BG11-116	45		131.57	130.64	-61.57		Gyro Halliburton	
BG11-116	60		131.3	130.37	-61.54		Gyro Halliburton	
BG11-116	75		130.99	130.06	-61.5		Gyro Halliburton	
BG11-116	90		131.89	130.96	-61.52		Gyro Halliburton	
BG11-116	105		131.96	131.03	-61.5		Gyro Halliburton	
BG11-116	120		132.21	131.28	-61.53		Gyro Halliburton	
BG11-116	135		132.49	131.56	-61.56		Gyro Halliburton	
BG11-116	150		133.21	132.28	-61.56		Gyro Halliburton	

Hole_ID	Depth	Raw_Azimuth	True_Azimuth	NAD83_N	Dip	Magnetic_Field	Type	Comments
BG11-116	165		133.82	132.89	-61.56		Gyro Halliburton	
BG11-116	180		134.17	133.24	-61.57		Gyro Halliburton	
BG11-116	195		134.83	133.90	-61.54		Gyro Halliburton	
BG11-116	207.26		135.44	134.51	-61.5		Gyro Halliburton	
BG11-117	*93*	*218.3*	*206.8*	*205.9*	*-44*	*60570*	*Peewee*	*suspect magnetic use dip only*
BG11-118	15		344.17	343.24	-41.94		Gyro Halliburton	
BG11-118	30		344.52	343.59	-41.19		Gyro Halliburton	
BG11-118	45		344.7	343.77	-41.25		Gyro Halliburton	
BG11-118	60		345.08	344.15	-41.49		Gyro Halliburton	
BG11-118	75		345.22	344.29	-41.5		Gyro Halliburton	
BG11-118	90		345.53	344.60	-41.8		Gyro Halliburton	
BG11-118	105		346.7	345.77	-41.91		Gyro Halliburton	
BG11-118	120		347.47	346.54	-41.7		Gyro Halliburton	
BG11-118	135		347.46	346.53	-41.38		Gyro Halliburton	
BG11-118	150		347.8	346.87	-41.47		Gyro Halliburton	
BG11-118	165		348.34	347.41	-41.64		Gyro Halliburton	
BG11-118	180		348.8	347.87	-41.8		Gyro Halliburton	
BG11-118	191.41		347.99	347.06	-41.83		Gyro Halliburton	
BG11-119	15		160.54	159.61	-68.83		Gyro Halliburton	
BG11-119	30		154.46	153.53	-69.5		Gyro Halliburton	
BG11-119	45		154.16	153.23	-69.5		Gyro Halliburton	
BG11-119	60		153.7	152.77	-69.5		Gyro Halliburton	
BG11-119	75		154.66	153.73	-69.66		Gyro Halliburton	
BG11-119	90		155.01	154.08	-69.74		Gyro Halliburton	
BG11-119	105		155.98	155.05	-69.84		Gyro Halliburton	
BG11-119	120		157.03	156.10	-69.97		Gyro Halliburton	
BG11-119	135		157.63	156.70	-70.08		Gyro Halliburton	
BG11-119	150		157.28	156.35	-70.3		Gyro Halliburton	
BG11-119	165		157.66	156.73	-70.53		Gyro Halliburton	
BG11-119	180		157.38	156.45	-70.58		Gyro Halliburton	
BG11-119	195		157.32	156.39	-70.56		Gyro Halliburton	
BG11-119	210		158.18	157.25	-70.59		Gyro Halliburton	
BG11-119	225		158.45	157.52	-70.65		Gyro Halliburton	
BG11-119	240		158.99	158.06	-70.73		Gyro Halliburton	
BG11-119	240.79		159.02	158.09	-70.73		Gyro Halliburton	
BG11-120	15		163.89	162.96	-45.05		Gyro Halliburton	
BG11-120	30		163.82	162.89	-44.74		Gyro Halliburton	
BG11-120	45		164.18	163.25	-44.75		Gyro Halliburton	
BG11-120	60		164.16	163.23	-44.84		Gyro Halliburton	
BG11-120	75		163.49	162.56	-44.9		Gyro Halliburton	
BG11-120	90		162.91	161.98	-45.07		Gyro Halliburton	
BG11-120	105		162.95	162.02	-44.95		Gyro Halliburton	

Hole_ID	Depth	Raw_Azimuth	True_Azimuth	NAD83_N	Dip	Magnetic_Field	Type	Comments
BG11-120	120		163.08	162.15	-44.76		Gyro Halliburton	
BG11-120	135		162.76	161.83	-44.45		Gyro Halliburton	
BG11-120	150		161.45	160.52	-44		Gyro Halliburton	
BG11-120	158.5		161.88	160.95	-43.67		Gyro Halliburton	
BG11-34A	15		147.18	146.25	-65.94		Gyro Halliburton	
BG11-34A	30		148.44	147.51	-65.84		Gyro Halliburton	
BG11-34A	45		149.24	148.31	-65.93		Gyro Halliburton	
BG11-34A	60		150.21	149.28	-65.95		Gyro Halliburton	
BG11-34A	75		151.73	150.80	-66.07		Gyro Halliburton	
BG11-34A	90		152.53	151.60	-66.07		Gyro Halliburton	
BG11-34A	105		153.22	152.29	-66.23		Gyro Halliburton	
BG11-34A	120		153.52	152.59	-66.24		Gyro Halliburton	
BG11-34A	135		154.17	153.24	-66.31		Gyro Halliburton	
BG11-34A	150		154.83	153.90	-66.4		Gyro Halliburton	
BG11-34A	165		155.42	154.49	-66.5		Gyro Halliburton	
BG11-34A	180		155.97	155.04	-66.57		Gyro Halliburton	
BG11-34A	185.93		156.36	155.43	-66.63		Gyro Halliburton	
BG11-121	*51*	*340.5*	*329*	*328.1*	*-43.1*	*53460*	*Flex*	*magnetic use dip only*
BG11-121	*102*	*357.8*	*346.3*	*345.4*	*-42*	*53730*	*Flex*	*magnetic use dip only*
BG11-121	*150*	*349.7*	*338.2*	*337.3*	*-41.9*	*64100*	*Flex*	*magnetic use dip only*
BG11-121	*201*	*359*	*347.5*	*346.6*	*-41.3*	*58330*	*Flex*	*magnetic use dip only*
BG11-122	*51*	*155*	*143.5*	*142.6*	*-42.1*	*61610*	*Flex*	*magnetic use dip only*
BG11-122	102	161.5	150	149.07	-42.3	56470	Flex	
BG11-122	150	162.5	151	150.07	-42	56823	Flex	
BG11-124	18	348.79	337.29	336.36	-51.92	57333	Peewee	
BG11-124	51	348.35	336.85	335.92	-51.59	56088	Peewee	
BG11-124	102	349.06	337.56	336.63	-51.46	56341	Peewee	
BG11-124	150	348.86	337.36	336.43	-51.58	56242	Peewee	
BG11-124	201	346.27	334.77	333.84	-51.05	55606	Peewee	
BG11-124	252	345.36	333.86	332.93	-51	56524	Peewee	
BG11-124	300	345.48	333.98	333.05	-50.78	55702	Peewee	
BG11-124	*350*	*311.19*	*299.69*	*298.8*	*-50.84*	*54559*	*Peewee*	*magnetic use dip only*
BG11-124	*402*	*349.15*	*337.65*	*336.7*	*-50.86*	*55991*	*Peewee*	*magnetic use dip only*
BG11-124	*450*	*352.74*	*341.24*	*340.3*	*-50.7*	*56053*	*Peewee*	*magnetic use dip only*
BG11-124	501	351.78	340.28	339.35	-51.2	60121	Peewee	
BG11-124	*552*	*348.22*	*336.72*	*335.8*	*-50.84*	*56599*	*Peewee*	*do not use magnetic interference; depth?*
BG11-125	0		335.8	334.9	-49.9		Gyro Halliburton	
BG11-125	30		335.7	334.7	-49.5		Gyro Halliburton	
BG11-125	60		336.1	335.1	-49.2		Gyro Halliburton	
BG11-125	90		336.4	335.5	-49.0		Gyro Halliburton	
BG11-125	120		335.3	334.4	-48.7		Gyro Halliburton	
BG11-125	150		336.0	335.1	-48.5		Gyro Halliburton	

Hole_ID	Depth	Raw_Azimuth	True_Azimuth	NAD83_N	Dip	Magnetic_Field	Type	Comments
BG11-125	180		336.4	335.4	-48.3		Gyro Halliburton	
BG11-125	210		336.7	335.8	-48.1		Gyro Halliburton	
BG11-125	240		337.2	336.3	-48.1		Gyro Halliburton	
BG11-125	270		337.6	336.7	-48.1		Gyro Halliburton	
BG11-125	300		338.8	337.8	-48.1		Gyro Halliburton	
BG11-125	330		338.4	337.5	-47.9		Gyro Halliburton	
BG11-125	360		339.3	338.3	-47.8		Gyro Halliburton	
BG11-125	390		339.2	338.3	-47.7		Gyro Halliburton	
BG11-125	420		339.2	338.2	-47.7		Gyro Halliburton	
BG11-125	450		339.3	338.4	-47.7		Gyro Halliburton	
BG11-125	480		338.3	337.3	-47.5		Gyro Halliburton	
BG11-125	510		337.5	336.5	-47.4		Gyro Halliburton	
BG11-125	540		336.3	335.3	-47.3		Gyro Halliburton	
BG11-126	0		320.0	319.1	-58.3		Gyro Halliburton	
BG11-126	30		321.4	320.4	-58.2		Gyro Halliburton	
BG11-126	60		321.2	320.3	-58.0		Gyro Halliburton	
BG11-126	90		322.1	321.2	-57.6		Gyro Halliburton	
BG11-126	120		320.9	320.0	-57.1		Gyro Halliburton	
BG11-126	150		321.7	320.8	-56.8		Gyro Halliburton	
BG11-126	180		321.7	320.8	-56.8		Gyro Halliburton	
BG11-126	210		321.6	320.6	-56.5		Gyro Halliburton	
BG11-126	240		321.7	320.7	-56.5		Gyro Halliburton	
BG11-126	270		321.7	320.8	-56.5		Gyro Halliburton	
BG11-126	300		321.8	320.8	-56.3		Gyro Halliburton	
BG11-126	330		322.1	321.1	-56.1		Gyro Halliburton	
BG11-126	360		322.0	321.1	-56.0		Gyro Halliburton	
BG11-126	390		322.6	321.7	-55.8		Gyro Halliburton	
BG11-126	420		323.2	322.3	-55.7		Gyro Halliburton	
BG11-126	450		323.8	322.8	-55.5		Gyro Halliburton	
BG11-126	480		324.2	323.3	-55.4		Gyro Halliburton	
BG11-126	510		324.5	323.6	-55.4		Gyro Halliburton	
BG11-126	540		325.1	324.2	-54.9		Gyro Halliburton	
BG11-126	560		323.8	322.8	-54.7		Gyro Halliburton	
BG11-127	0		337.2	336.3	-50.0		Gyro Halliburton	
BG11-127	30		338.0	337.0	-49.6		Gyro Halliburton	
BG11-127	60		338.1	337.2	-49.4		Gyro Halliburton	
BG11-127	90		338.3	337.3	-49.3		Gyro Halliburton	
BG11-127	120		337.8	336.8	-49.1		Gyro Halliburton	
BG11-127	150		337.8	336.9	-48.8		Gyro Halliburton	
BG11-127	180		337.9	337.0	-48.7		Gyro Halliburton	
BG11-127	210		337.6	336.6	-48.5		Gyro Halliburton	
BG11-127	240		337.7	336.7	-48.4		Gyro Halliburton	

Hole_ID	Depth	Raw_Azimuth	True_Azimuth	NAD83_N	Dip	Magnetic_Field	Type	Comments
BG11-127	270		338.0	337.1	-48.1		Gyro Halliburton	
BG11-127	300		337.8	336.8	-47.7		Gyro Halliburton	
BG11-127	330		338.3	337.3	-47.4		Gyro Halliburton	
BG11-127	360		338.2	337.2	-47.3		Gyro Halliburton	
BG11-128	0		337.5	336.5	-53.1		Gyro Halliburton	
BG11-128	30		337.2	336.2	-52.8		Gyro Halliburton	
BG11-128	60		337.9	336.9	-52.7		Gyro Halliburton	
BG11-128	90		337.9	336.9	-52.3		Gyro Halliburton	
BG11-128	120		337.8	336.9	-52.0		Gyro Halliburton	
BG11-128	150		338.0	337.0	-51.7		Gyro Halliburton	
BG11-128	180		338.3	337.4	-51.6		Gyro Halliburton	
BG11-128	210		338.4	337.4	-51.4		Gyro Halliburton	
BG11-128	240		338.4	337.4	-51.2		Gyro Halliburton	
BG11-128	270		338.4	337.4	-51.0		Gyro Halliburton	
BG11-128	300		338.5	337.5	-50.9		Gyro Halliburton	
BG11-128	330		337.7	336.8	-50.6		Gyro Halliburton	
BG11-128	360		338.3	337.3	-50.7		Gyro Halliburton	
BG11-128	390		337.9	336.9	-50.6		Gyro Halliburton	
BG11-128	420		337.8	336.9	-50.3		Gyro Halliburton	
BG11-128	450		338.4	337.4	-50.1		Gyro Halliburton	
BG11-128	480		338.9	337.9	-50.1		Gyro Halliburton	
BG11-128	500		339.0	338.0	-50.1		Gyro Halliburton	
BG11-130	50	305.6	294.1	293.17	-60.4	52840	Flex	
BG11-130	*102*	*333.4*	*321.9*	*321.0*	*-60.3*	*76190*	*Flex*	*magnetic use dip only*
BG11-130	*150*	*310.5*	*299*	*298.1*	*-60.3*	*55090*	*Flex*	*magnetic use dip only*
BG11-130	198	312.4	300.9	299.97	-60.7	54620	Flex	
BG11-131	*39*	*293.6*	*282.1*	*281.2*	*-64.7*	*54370*	*Flex*	*magnetic use dip only*
BG11-131	*93*	*307.7*	*296.2*	*295.3*	*-64.7*	*53140*	*Flex*	*magnetic use dip only*
BG11-131	*141*	*308.4*	*296.9*	*296.0*	*-64.6*	*54670*	*Flex*	*magnetic use dip only*
BG11-132	15		327.8	326.87	-53.07		Gyro Halliburton	
BG11-132	30		327.92	326.99	-53.08		Gyro Halliburton	
BG11-132	45		328.23	327.30	-53.1		Gyro Halliburton	
BG11-132	60		329.05	328.12	-53.07		Gyro Halliburton	
BG11-132	75		328.54	327.61	-53.01		Gyro Halliburton	
BG11-132	90		328.9	327.97	-52.94		Gyro Halliburton	
BG11-132	105		329.35	328.42	-52.85		Gyro Halliburton	
BG11-132	112.78		329.21	328.28	-52.83		Gyro Halliburton	
BG11-133	0		317.1	316.2	-58.4		Gyro Halliburton	
BG11-133	20		318.4	317.4	-57.9		Gyro Halliburton	
BG11-133	40		318.9	318.0	-57.9		Gyro Halliburton	
BG11-133	60		319.7	318.8	-57.7		Gyro Halliburton	
BG11-133	80		319.8	318.8	-57.5		Gyro Halliburton	

Hole_ID	Depth	Raw_Azimuth	True_Azimuth	NAD83_N	Dip	Magnetic_Field	Type	Comments
BG11-133	100		320.8	319.8	-57.4		Gyro Halliburton	
BG11-133	120		321.4	320.5	-57.4		Gyro Halliburton	
BG11-133	140		320.6	319.7	-57.2		Gyro Halliburton	
BG11-133	155		321.0	320.1	-57.2		Gyro Halliburton	
BG11-134	51	333.4	321.9	320.97	-42.1	54263	Flex	
BG11-134	102	337.7	326.2	325.27	-40.6	55240	Flex	
BG11-134	141	339.3	327.8	326.87	-40.4	55040	Flex	
BG11-135	*50*	*332.7*	*321.2*	*320.3*	*-57.4*	*55090*	*Flex*	*magnetic use dip only*
BG11-135	150	339.1	327.6	326.67	-57	55110	Flex	
BG11-135	198	340.7	329.2	328.27	-57.2	55220	Flex	
BG11-136	51	293	281.5	280.57	-43	55580	Flex	
BG11-136	102	297.7	286.2	285.27	-43.1	55720	Flex	
BG11-136	198	300	288.5	287.57	-42.6	55540	Flex	
BG11-137	*51*	*282.9*	*271.4*	*270.5*	*-55.9*	*55770*	*Flex*	*magnetic use dip only*
BG11-137	120	283.9	272.4	271.47	-55.4	55894	Flex	
BG11-138	0		338.7	337.7	-51.0		Gyro Halliburton	
BG11-138	30		338.3	337.4	-51.0		Gyro Halliburton	
BG11-138	60		339.7	338.8	-50.8		Gyro Halliburton	
BG11-138	90		339.8	338.9	-50.6		Gyro Halliburton	
BG11-138	120		339.7	338.8	-50.4		Gyro Halliburton	
BG11-138	150		339.8	338.8	-50.1		Gyro Halliburton	
BG11-138	180		340.2	339.3	-50.0		Gyro Halliburton	
BG11-138	210		340.0	339.0	-49.8		Gyro Halliburton	
BG11-138	240		340.2	339.2	-49.6		Gyro Halliburton	
BG11-138	270		340.4	339.4	-49.3		Gyro Halliburton	
BG11-138	300		339.9	339.0	-49.3		Gyro Halliburton	
BG11-138	330		339.6	338.7	-48.7		Gyro Halliburton	
BG11-138	360		341.2	340.3	-48.5		Gyro Halliburton	
BG11-138	390		339.9	338.9	-48.3		Gyro Halliburton	
BG11-138	400		339.0	338.1	-48.3		Gyro Halliburton	
BG11-139	0		348.5	347.6	-50.8		Gyro Halliburton	
BG11-139	30		348.3	347.4	-50.4		Gyro Halliburton	
BG11-139	60		347.9	347.0	-50.2		Gyro Halliburton	
BG11-139	90		347.8	346.9	-50.1		Gyro Halliburton	
BG11-139	120		350.1	349.2	-50.0		Gyro Halliburton	
BG11-139	150		350.4	349.5	-49.9		Gyro Halliburton	
BG11-139	180		351.0	350.1	-49.8		Gyro Halliburton	
BG11-139	210		351.1	350.2	-49.7		Gyro Halliburton	
BG11-139	240		351.8	350.9	-49.5		Gyro Halliburton	
BG11-139	270		351.3	350.4	-49.2		Gyro Halliburton	
BG11-139	300		352.4	351.5	-49.1		Gyro Halliburton	
BG11-139	330		351.8	350.9	-49.0		Gyro Halliburton	

Hole_ID	Depth	Raw_Azimuth	True_Azimuth	NAD83_N	Dip	Magnetic_Field	Type	Comments
BG11-139	360		351.0	350.1	-48.8		Gyro Halliburton	
BG11-139	390		352.6	351.7	-48.7		Gyro Halliburton	
BG11-139	420		353.1	352.1	-48.6		Gyro Halliburton	
BG11-139	450		352.7	351.7	-48.4		Gyro Halliburton	
BG11-139	480		352.7	351.8	-48.2		Gyro Halliburton	
BG11-139	510		353.7	352.8	-47.9		Gyro Halliburton	
BG11-139	540		354.0	353.1	-47.6		Gyro Halliburton	
BG11-139	550		354.0	353.0	-47.5		Gyro Halliburton	
BG11-141	51	104.3	92.8	91.87	-41.6	55550	Flex	
BG11-141	102	104.9	93.4	92.47	-40.6	55430	Flex	
BG11-141	*150*	*88.6*	*77.1*	*76.2*	*-39.6*	*58630*	*Flex*	*magnetic use dip only*
BG11-141	201	110.4	98.9	97.97	-38.2	54710	Flex	
BG11-142	51	188.6	177.1	176.17	-41.6	55440	Flex	
BG11-142	140	190.6	179.1	178.17	-37.2	58700	Flex	
BG11-143	*57*	*155.1*	*143.6*	*142.7*	*-38.6*	*55070*	*Flex*	*magnetic use dip only*
BG11-143	102	155.8	144.3	143.37	-38.5	55890	Flex	
BG11-143	231	161.4	149.9	148.97	-35.8	55110	Flex	
BG11-144	51	151.2	139.7	138.77	-64.6	55840	Flex	
BG11-144	120	151.6	140.1	139.17	-64	55684	Flex	
BG11-145	*51*	*151.8*	*140.3*	*139.4*	*-75.2*	*55894*	*Flex*	*magnetic use dip only*
BG11-145	*102*	*151.8*	*140.3*	*139.4*	*-75*	*55474*	*Flex*	*magnetic use dip only*
BG11-146	51	114.4	102.9	101.97	-41.1	55560	Flex	
BG11-146	*102*	*116.6*	*105.1*	*104.2*	*-40.3*	*55030*	*Flex*	*magnetic use dip only*
BG11-146	*150*	*117.4*	*105.9*	*105.0*	*-40.2*	*55500*	*Flex*	*magnetic use dip only*
BG11-147	10		103.17	102.24	-59.89		Gyro Halliburton	
BG11-147	20		104.85	103.92	-59.46		Gyro Halliburton	
BG11-147	30		105.79	104.86	-59.57		Gyro Halliburton	
BG11-147	40		105.82	104.89	-59.52		Gyro Halliburton	
BG11-147	50		105.76	104.83	-59.48		Gyro Halliburton	
BG11-147	60		105.75	104.82	-59.48		Gyro Halliburton	
BG11-147	70		105.99	105.06	-59.26		Gyro Halliburton	
BG11-147	79.25		106.13	105.20	-59.1		Gyro Halliburton	
BG11-148	*51*	*118.1*	*106.6*	*105.7*	*-72.9*	*55690*	*Flex*	*magnetic use dip only*
BG11-148	*102*	*118.6*	*107.1*	*106.2*	*-72.6*	*55602*	*Flex*	*magnetic use dip only*
BG11-149	51	150.3	138.8	137.87	-74.2	55810	Flex	
BG11-149	81	152.9	141.4	140.47	-74.1	55770	Flex	
BG11-152	*150*	*160.2*	*148.7*	*147.8*	*-52.1*	*57870*	*Flex*	*magnetic use dip only*
BG11-153A	15		152.9	151.97	-63.51		Gyro Halliburton	
BG11-153A	30		152.84	151.91	-63.57		Gyro Halliburton	
BG11-153A	45		153.79	152.86	-63.55		Gyro Halliburton	
BG11-153A	60		154.27	153.34	-63.66		Gyro Halliburton	
BG11-153A	75		153.89	152.96	-63.59		Gyro Halliburton	

Hole_ID	Depth	Raw_Azimuth	True_Azimuth	NAD83_N	Dip	Magnetic_Field	Type	Comments
BG11-153A	90		153.84	152.91	-63.55		Gyro Halliburton	
BG11-153A	105		154.4	153.47	-63.58		Gyro Halliburton	
BG11-153A	106.68		154.46	153.53	-63.58		Gyro Halliburton	
BG11-154	*102*	*138.2*	*126.7*	*125.8*	*-76.1*	*54470*	*Flex*	*magnetic use dip only*
BG11-155	*20*	*113*	*101.5*	*100.6*	*-51.7*	*56860*	*Flex*	*magnetic use dip only*
BG11-155	*50*	*117.2*	*105.7*	*104.8*	*-51.6*	*56720*	*Flex*	*magnetic use dip only*
BG11-155	*101*	*125.5*	*114*	*113.1*	*-51.5*	*57060*	*Flex*	*magnetic use dip only*
BG11-155	*152*	*125.7*	*114.2*	*113.3*	*-50.2*	*56850*	*Flex*	*magnetic use dip only*
BG11-155	200	125.4	113.9	112.97	-51.6	56250	Flex	
BG11-155	251	125.3	113.8	112.87	-51.7	55230	Flex	
BG11-156	26	117	105.5	104.57	-68.7	57640	Flex	
BG11-156	50	118.8	107.3	106.37	-67.8	56840	Flex	
BG11-156	*101*	*113.7*	*102.2*	*101.3*	*-69.1*	*56070*	*Flex*	*magnetic use dip only*
BG11-157	15		111.66	110.73	-75.85		Gyro Halliburton	
BG11-157	30		111.79	110.86	-75.75		Gyro Halliburton	
BG11-157	45		112.03	111.10	-75.59		Gyro Halliburton	
BG11-157	60		111.38	110.45	-75.43		Gyro Halliburton	
BG11-157	75		111.73	110.80	-75.33		Gyro Halliburton	
BG11-157	90		111.68	110.75	-75.27		Gyro Halliburton	
BG11-157	105		111.65	110.72	-75.05		Gyro Halliburton	
BG11-157	120		111.65	110.72	-74.92		Gyro Halliburton	
BG11-157	135		112.5	111.57	-74.99		Gyro Halliburton	
BG11-157	150		113.01	112.08	-75.06		Gyro Halliburton	
BG11-157	158.5		113.5	112.57	-75		Gyro Halliburton	
BG11-158	*26*	*214.4*	*202.9*	*202.0*	*-66*	*57060*	*Flex*	*suspect magnetic use dip only*
BG11-158	*102*	*220.3*	*208.8*	*207.9*	*-67*	*55230*	*Flex*	*suspect magnetic use dip only*
BG11-158	*150*	*226*	*214.5*	*213.6*	*-67.9*	*55340*	*Flex*	*suspect magnetic use dip only*
BG11-158	*200*	*228.1*	*216.6*	*215.7*	*-68.4*	*55740*	*Flex*	*suspect magnetic use dip only*
BG11-158	*251*	*231.3*	*219.8*	*218.9*	*-68.8*	*55630*	*Flex*	*suspect magnetic use dip only*
BG11-159	15		213.86	212.93	-74.18		Gyro Halliburton	
BG11-159	30		213.48	212.55	-74.52		Gyro Halliburton	
BG11-159	45		213.09	212.16	-74.87		Gyro Halliburton	
BG11-159	60		212.69	211.76	-75.21		Gyro Halliburton	
BG11-159	75		213.75	212.82	-75.21		Gyro Halliburton	
BG11-159	90		214.9	213.97	-75.17		Gyro Halliburton	
BG11-159	105		214.76	213.83	-75.2		Gyro Halliburton	
BG11-159	120		214.47	213.54	-75.23		Gyro Halliburton	
BG11-159	135		215.03	214.10	-75.46		Gyro Halliburton	
BG11-159	150		215.73	214.80	-75.71		Gyro Halliburton	
BG11-159	165		216.22	215.29	-75.61		Gyro Halliburton	
BG11-159	180		216.66	215.73	-75.45		Gyro Halliburton	
BG11-159	195		216.41	215.48	-75.56		Gyro Halliburton	

Hole_ID	Depth	Raw_Azimuth	True_Azimuth	NAD83_N	Dip	Magnetic_Field	Type	Comments
BG11-159	210		215.99	215.06	-75.73		Gyro Halliburton	
BG11-159	225		215.6	214.67	-75.83		Gyro Halliburton	
BG11-159	240		215.22	214.29	-75.91		Gyro Halliburton	
BG11-159	240.79		215.2	214.27	-75.92		Gyro Halliburton	
BG11-160	*18*	*209*	*197.5*	*196.6*	*-81.9*	*55490*	*Flex*	*suspect magnetic use dip only*
BG11-160	51	206.4	194.9	193.97	-80.7	56720	Flex	
BG11-160	105	204.7	193.2	192.27	-80.2	55420	Flex	
BG11-160	150	205.3	193.8	192.87	-80.4	55830	Flex	
BG11-160	201	207	195.5	194.57	-79.9	55980	Flex	
BG11-160	252	203.6	192.1	191.17	-80.4	55980	Flex	
BG11-160	300	199.5	188	187.07	-79.2	55900	Flex	
BG11-160	350	196.3	184.8	183.87	-79.8	55830	Flex	
BG11-160	408	194.6	183.1	182.17	-78.3	55810	Flex	
BG11-161	29	146.1	134.6	133.67	-56.7	56040	Flex	use reading
BG11-161	*50*	*147.3*	*135.8*	*134.9*	*-57.1*	*55920*	*Flex*	*magnetic use dip only*
BG11-161	*101*	*150.3*	*138.8*	*137.9*	*-56.9*	*56630*	*Flex*	*magnetic use dip only*
BG11-161	*152*	*193.8*	*182.3*	*181.4*	*-56.2*	*8120nt*	*Flex*	*magnetic use dip only*
BG11-161	*200*	*156.5*	*145*	*144.1*	*-56.4*	*55050*	*Flex*	*magnetic use dip only*
BG11-161	251	159.2	147.7	146.77	-56.2	56630	Flex	
BG11-161	281	160.1	148.6	147.67	-56.1	55330	Flex	
BG11-162	15		127.24	126.31	-57.51		Gyro Halliburton	
BG11-162	30		127.08	126.15	-57.58		Gyro Halliburton	
BG11-162	45		128.07	127.14	-57.82		Gyro Halliburton	
BG11-162	60		128.03	127.10	-57.97		Gyro Halliburton	
BG11-162	75		127.95	127.02	-57.86		Gyro Halliburton	
BG11-162	90		126.94	126.01	-58.89		Gyro Halliburton	
BG11-162	105		126.69	125.76	-58.67		Gyro Halliburton	
BG11-162	106.68		126.67	125.74	-58.63		Gyro Halliburton	
BG11-163	10	Gyro		208.217	-81.42			
BG11-163	20	Gyro		205.417	-81.08			
BG11-163	30	Gyro		204.457	-80.74			
BG11-163	40	Gyro		202.197	-80.35			
BG11-163	50	Gyro		202.027	-80.15			
BG11-163	60	Gyro		200.277	-79.84			
BG11-163	70	Gyro		197.587	-79.34			
BG11-163	80	Gyro		197.247	-78.96			
BG11-163	90	Gyro		196.697	-78.76			
BG11-163	100	Gyro		197.137	-78.68			
BG11-163	110	Gyro		196.977	-78.65			
BG11-163	120	Gyro		197.467	-78.47			
BG11-163	130	Gyro		197.737	-78.4			
BG11-163	140	Gyro		199.077	-78.5			

Hole_ID	Depth	Raw_Azimuth	True_Azimuth	NAD83_N	Dip	Magnetic_Field	Type	Comments
BG11-163	150	Gyro		199.277	-78.47			
BG11-163	160	Gyro		199.197	-78.39			
BG11-163	170	Gyro		199.257	-78.35			
BG11-163	180	Gyro		198.997	-78.32			
BG11-163	190	Gyro		199.197	-78.27			
BG11-163	200	Gyro		198.887	-78.2			
BG11-163	210	Gyro		198.917	-78.1			
BG11-163	220	Gyro		199.757	-78.1			
BG11-163	230	Gyro		199.607	-78.03			
BG11-163	240	Gyro		199.467	-77.99			
BG11-163	250	Gyro		198.997	-77.94			
BG11-163	260	Gyro		198.687	-77.93			
BG11-163	270	Gyro		198.087	-77.79			
BG11-163	280	Gyro		198.617	-77.78			
BG11-163	290	Gyro		198.737	-77.74			
BG11-163	300	Gyro		198.647	-77.69			
BG11-163	310	Gyro		198.357	-77.58			
BG11-163	320	Gyro		198.087	-77.51			
BG11-163	330	Gyro		198.467	-77.5			
BG11-163	340	Gyro		198.287	-77.4			
BG11-163	350	Gyro		199.037	-77.42			
BG11-163	360	Gyro		198.527	-77.34			
BG11-163	370	Gyro		198.387	-77.27			
BG11-163	380	Gyro		198.267	-77.12			
BG11-163	390	Gyro		198.037	-77.03			
BG11-163	400	Gyro		198.237	-76.95			
BG11-163	410	Gyro		198.197	-76.8			
BG11-163	420	Gyro		198.257	-76.71			
BG11-163	430	Gyro		198.267	-76.62			
BG11-163	440	Gyro		198.317	-76.51			
BG11-163	450	Gyro		197.927	-76.37			
BG11-163	460	Gyro		197.467	-76.28			
BG11-163	470	Gyro		197.917	-76.31			
BG11-163	480	Gyro		197.917	-76.26			
BG11-163	490	Gyro		197.487	-76.12			
BG11-163	500	Gyro		197.367	-76			
BG11-163	510	Gyro		197.097	-75.81			
BG11-163	520	Gyro		196.857	-75.57			
BG11-163	530	Gyro		196.007	-75.31			
BG11-163	540	Gyro		193.987	-74.9			
BG11-163	550	Gyro		192.707	-74.59			
BG11-163	560	Gyro		191.237	-74.25			

Hole_ID	Depth	Raw_Azimuth	True_Azimuth	NAD83_N	Dip	Magnetic_Field	Type	Comments
BG11-163	570	Gyro		189.217	-73.85			
BG11-163	580	Gyro		188.387	-73.65			
BG11-163	590	Gyro		187.187	-73.32			
BG11-163	600	Gyro		186.617	-73.13			
BG11-163	610	Gyro		186.107	-72.98			
BG11-163	620	Gyro		186.117	-72.99			
BG11-163	630	Gyro		186.297	-72.9			
BG11-163	640	Gyro		185.967	-72.73			
BG11-163	650	Gyro		185.767	-72.64			
BG11-163	660	Gyro		185.277	-72.54			
BG11-163	670	Gyro		185.297	-72.48			
BG11-163	680	Gyro		185.207	-72.45			
BG11-163	690	Gyro		184.887	-72.29			
BG11-163	700	Gyro		184.737	-72.18			
BG11-163	710	Gyro		184.957	-72.1			
BG11-163	720	Gyro		185.507	-72.12			
BG11-163	730	Gyro		185.247	-72.08			
BG11-163	740	Gyro		185.367	-72.09			
BG11-163	750	Gyro		185.547	-72.02			
BG11-163	760	Gyro		185.557	-71.86			
BG11-163	770	Gyro		186.027	-71.93			
BG11-163	780	Gyro		186.567	-72			
BG11-163	790	Gyro		186.287	-71.89			
BG11-163	800	Gyro		185.997	-71.77			
BG11-163	810	Gyro		186.137	-71.73			
BG11-163	820	Gyro		186.477	-71.81			
BG11-163	830	Gyro		186.417	-71.71			
BG11-163	840	Gyro		186.547	-71.66			
BG11-163	850	Gyro		186.967	-71.74			
BG11-163	860	Gyro		187.307	-71.76			
BG11-163	870	Gyro		187.157	-71.76			
BG11-163	880	Gyro		187.537	-71.65			
BG11-163	890	Gyro		187.547	-71.63			
BG11-163	900	Gyro		187.627	-71.63			
BG11-163	910	Gyro		188.227	-71.67			
BG11-163	920	Gyro		188.317	-71.65			
BG11-163	930	Gyro		188.587	-71.65			
BG11-163	940	Gyro		188.787	-71.63			
BG11-163	950	Gyro		188.827	-71.55			
BG11-163	960	Gyro		189.187	-71.51			
BG11-163	970	Gyro		189.527	-71.43			
BG11-163	980	Gyro		189.557	-71.35			

Hole_ID	Depth	Raw_Azimuth	True_Azimuth	NAD83_N	Dip	Magnetic_Field	Type	Comments
BG11-163	990	Gyro		189.747	-71.39			
BG11-163	1000	Gyro		189.597	-71.37			
BG11-163	1010	Gyro		189.277	-71.24			
BG11-163	1020	Gyro		189.517	-71.27			
BG11-163	1030	Gyro		189.727	-71.3			
BG11-163	1040	Gyro		190.537	-71.36			
BG11-163	1050	Gyro		190.607	-71.34			
BG11-163	1060	Gyro		190.957	-71.28			
BG11-163	1070	Gyro		190.997	-71.26			
BG11-163	1080	Gyro		190.767	-71.31			
BG11-163	1090	Gyro		190.627	-71.33			
BG11-163	1100	Gyro		190.677	-71.39			
BG11-163	1110	Gyro		189.997	-71.25			
BG11-163	1120	Gyro		190.627	-71.35			
BG11-163	1121.2	Gyro		190.717	-71.36			
BG11-163	1149	Gyro		190.717	-71.36			
BG11-164	23	214.6	203.1	202.17	-82.9	56540	Flex	
BG11-165	50	113.9	102.4	101.47	-56	54800	Flex	
BG11-166	35	116.9	105.4	104.47	-71	55970	Flex	
BG11-166	83	118.3	106.8	105.87	-71.8	55680	Flex	
BG11-167	35	109.1	97.6	96.67	-75.3	56430	Flex	
BG11-169	*50*	*164.1*	*152.6*	*151.7*	*-66.2*	*56302*	*Flex*	*suspect magnetic use dip only*
BG11-169	*110*	*116.3*	*104.8*	*103.9*	*-67.3*	*54300*	*Flex*	*suspect magnetic use dip only*
BG11-170	50	164.6	153.1	152.17	-73.4	54630	Flex	
BG11-170	101	166.5	155	154.07	-74.1	55430	Flex	
BG11-171	50	213.8	202.3	201.37	-54.9	54810	Flex	
BG11-171	101	213.1	201.6	200.67	-55.4	53790	Flex	
BG11-172	50	212.2	200.7	199.77	-69.7	54640	Flex	
BG11-172	122	213.2	201.7	200.77	-69.2	56302	Flex	
BG11-174	20	83.1	71.6	70.67	-46.7	55610	Flex	
BG11-174	80	84.9	73.4	72.47	-47.1	54310	Flex	
BG11-175	17	85.4	73.9	72.97	-60.4	55890	Flex	
BG11-175	92	87.2	75.7	74.77	-59.9	55070	Flex	
BG11-176	17	81.3	69.8	68.87	-76.2	55580	Flex	
BG11-176	50	84.3	72.8	71.87	-76	55820	Flex	
BG11-176	*122*	*89.9*	*78.4*	*77.5*	*-75.8*	*55030*	*Flex*	*suspect magnetic use dip only*
BG11-177	17	105.4	93.9	92.97	-46.8	55300	Flex	
BG11-177	50	107.1	95.6	94.67	-47.5	55720	Flex	
BG11-177	110	107.9	96.4	95.47	-47.9	55600	Flex	
BG11-178	14	106.9	95.4	94.47	-60.3	55720	Flex	
BG11-178	50	108.1	96.6	95.67	-60.1	55040	Flex	
BG11-178	101	110	98.5	97.57	-60	54930	Flex	

Hole_ID	Depth	Raw_Azimuth	True_Azimuth	NAD83_N	Dip	Magnetic_Field	Type	Comments
BG11-178	155	112.2	100.7	99.77	-59.8	55300	Flex	
BG11-179	14	107.7	96.2	95.27	-76.1	55770	Flex	
BG11-179	50	110.2	98.7	97.77	-76	55410	Flex	
BG11-179	101	112.7	101.2	100.27	-76	55360	Flex	
BG11-179	152	114.3	102.8	101.87	-75.8	54600	Flex	
BG11-180	14	170.9	159.4	158.47	-48.8	56090	Flex	
BG11-182	14	177	165.5	164.57	-74.8	55980	Flex	
BG11-182	50	178.9	167.4	166.47	-75	55600	Flex	
BG11-182	101	180.4	168.9	167.97	-75.1	55200	Flex	
BG11-182	152	181.3	169.8	168.87	-75.2	55630	Flex	
BG11-182	230	182.2	170.7	169.77	-75.4	56530	Flex	

580400 mE
580500 mE
580600 mE
580700 mE
580800 mE
580900 mE
581000 mE
581100 mE

5336200 mN
5336100 mN
5336000 mN
5335900 mN
5335800 mN
5335700 mN
5335600 mN
5335500 mN
5335400 mN
5335300 mN
5335200 mN
5335100 mN

BG11-160
408m
BG10-07
525m
BG10-18C
417m
BG11-87
702m
BG10-18B
15m
BG10-05
456m
BG10-17
390m
BG10-03
442.4m
BG10-104
200m
BG10-20
420m
BG11-88
792m
BG10-105
BG10-100
80m
BG10-103
176m
BG10-102
159m
BG11-174
BG11-175
92m
BG11-163
1285.5m
BG10-49
186m
BG11-179
191.3m
BG11-177
122m
BG11-178
155m
BG10-48
BG10-96
65m
BG10-95
BG10-19
384m
BG11-128
702m
BG11-121
BG10-98
111m
BG10-97
90m
BG10-52
159m
BG11-182
230m
BG10-57
81m
BG11-139
576m
BG10-64
81m
BG10-75
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BG10-54
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BG10-29
162m
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BG10-66
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BG11-180
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BG11-125
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BG10-55
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BG10-60
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BG10-43
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BG10-44
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BG10-38
BG11-85
693m
BG11-132
162m
BG11-124
554m
BG11-127
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BG11-89
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BG11-164
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BG11-153
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BG11-138
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BG11-157
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BG11-135
128.4m
BG11-107
69m
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BG10-42
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BG11-155
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BG11-114A
BG11-113A
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BG11-34
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BG11-133
198m
BG10-08
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BG11-147
BG11-137
BG11-145
BG11-144
120m
BG11-148
102m
BG11-141
BG11-146
150m
BG10-37
BG11-115
BG10-13
71m
BG11-120
BG11-140
201m
BG11-122
171m
BG10-31
80m
BG11-83
219m
BG11-82
120m
BG10-11
81m
BG10-46
132m
BG10-09
BG10-30
51.6m
BG11-81
81m
BG11-142
141m
BG11-84
291m
BG11-143
231m

Note: Only the Bidgood 2010 and 2011 Drill Holes are shown.
Showing all Bidgood drilling would make map unreadable

Legend for Geology

- Wacke
- White Fragmental Tuff
- Tuffaceous Conglomerate
- Boulder Conglomerate
- Gabbro, Diorite, Quartz Gabbro
- Basic Syenite and Lamprophyre
- Mica Lamprophyre
- Hornblendite
- Diorite and Basic Syenite
- Syenite
- Feldspar Porphyry
- Quartz Porphyry
- Acid Syenite
- Porphyrite
- Diabase
- Carbonated Rock
- Andesite
- Volcanic Breccia
- Mafic Volcanic
- Trachyte Flows, Amygdaloidal
- Trachyte Flows, Massive and Porphyritic
- Trachyte Sills
- Tuff Breccia
- Tuff
- Basal Conglomerate
- Oxide Iron Formation
- Coarse Graywacke
- Fine Banded Graywacke
- Tuffaceous Graywacke

Legend - Symbols

- Shaft
- DDH
- Road

Legend for DDH

Lithology Trace Shade
Structure Trace Shade
HoleID
gAuA Text
EOH

Legend for Assay

- 0.3 - 0.5
- 0.5 - 1
- 1 - 3
- 3 - 10
- 10 - 1000

(gAu/t)

Legend for Lithology

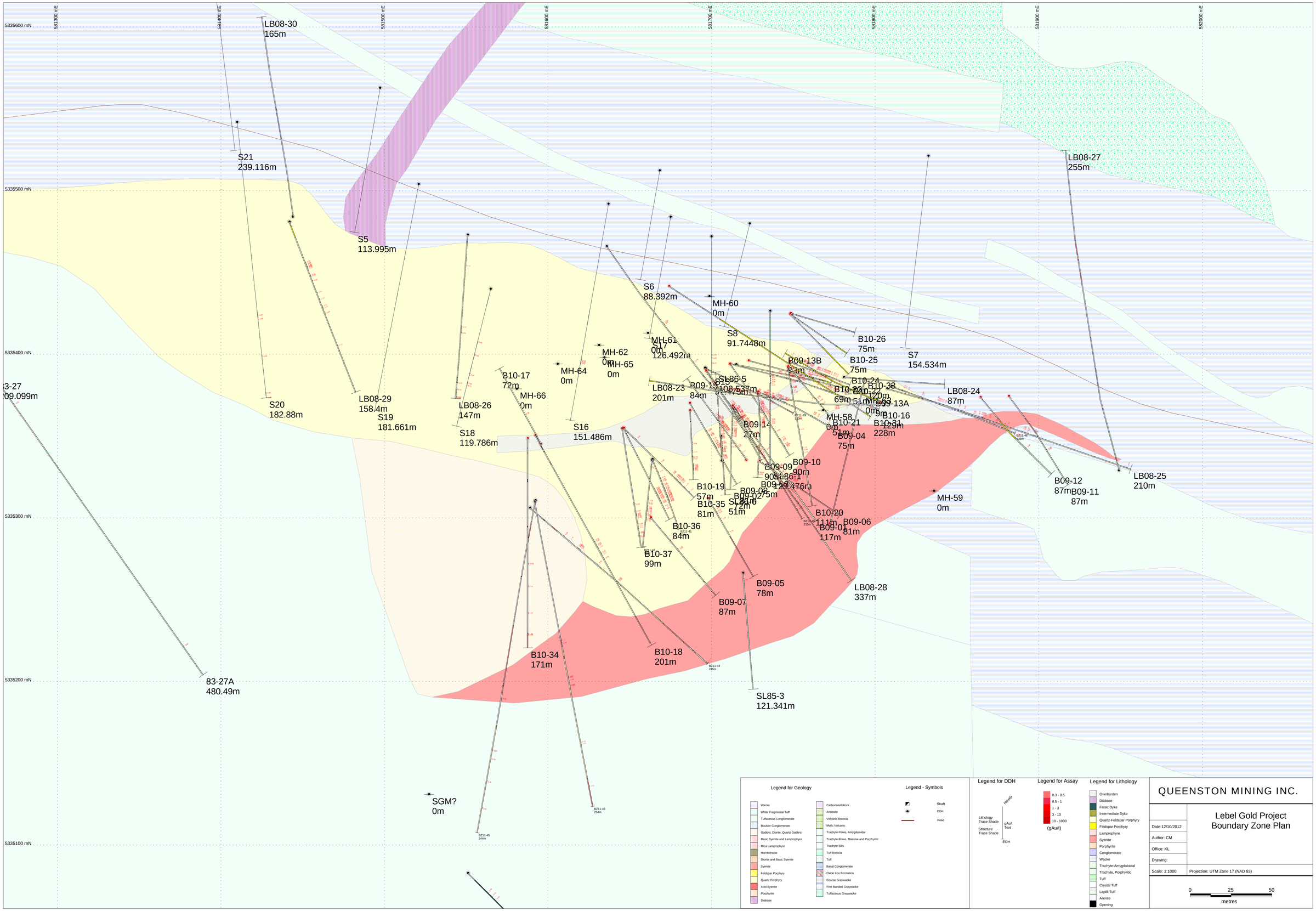
- Overburden
- Diabase
- Felsic Dyke
- Intermediate Dyke
- Quartz-Feldspar Porphyry
- Feldspar Porphyry
- Lamprophyre
- Syenite
- Porphyrite
- Conglomerate
- Wacke
- Trachyte-Amygdaloidal
- Trachyte, Porphyritic
- Tuff
- Crystal Tuff
- Lapilli Tuff
- Arenite
- Opening

QUEENSTON MINING INC.

Lebel Gold Project
Bidgood Plan

Date:21/9/2012
Author: CM
Office: KL
Drawing:
Scale: 1:1000
Projection: UTM Zone 17 (NAD 83)

0 25 50
metres


5335600 mN
5335500 mN
5335400 mN
5335300 mN
5335200 mN
5335100 mN
581300 mE
581400 mE
581500 mE
581600 mE
581700 mE
581800 mE
581900 mE
582000 mE
LB08-30
165m
S21
239.116m
S5
113.995m
S20
182.88m
LB08-29
158.4m
S19
181.661m
S18
119.786m
LB08-26
147m
B10-17
72m
MH-66
0m
MH-64
0m
MH-62
0m
MH-65
0m
S16
151.486m
S6
88.392m
MH-60
0m
MH-61
0m
S17
126.492m
S8
91.7448m
LB08-23
201m
B09-13
84m
SL86-5
108.537m
S15
97.475m
B09-14
27m
B10-19
57m
B10-35
81m
B09-08
75m
B09-09
90m
SL86-1
123.476m
B09-10
90m
B10-36
84m
B10-37
99m
B10-34
171m
B10-18
201m
B09-07
87m
B09-05
78m
SL85-3
121.341m
LB08-28
337m
B10-20
111m
B09-01
117m
B09-06
81m
B10-26
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B10-25
75m
B10-24
69m
B10-22
51m
B10-38
120m
B09-13B
93m
B09-13A
0m
B10-16
102m
B10-21
51m
B09-04
75m
B10-31
228m
S7
154.534m
LB08-24
87m
MH-58
0m
MH-59
0m
B09-12
87m
B09-11
87m
LB08-25
210m
LB08-27
255m
83-27A
480.49m
SGM?
0m
BZ11-43
254m
BZ11-44
245m
BZ11-45
344m
BZ11-46
199m
Legend for Geology
Wacke
White Fragmental Tuff
Tuffaceous Conglomerate
Boulder Conglomerate
Gabbro, Diorite, Quartz Gabbro
Basic Syenite and Lamprophyre
Mica Lamprophyre
Hornblendite
Diorite and Basic Syenite
Syenite
Feldspar Porphyry
Quartz Porphyry
Acid Syenite
Porphyrite
Diabase
Carbonated Rock
Andesite
Volcanic Breccia
Mafic Volcanic
Trachyte Flows, Amygdaloidal
Trachyte Flows, Massive and Porphyritic
Trachyte Sills
Tuff Breccia
Tuff
Basal Conglomerate
Oxide Iron Formation
Coarse Graywacke
Fine Banded Graywacke
Tuffaceous Graywacke
Legend - Symbols
Shaft
DDH
Road
Legend for DDH
HoleID
Lithology Trace Shade
gAuA Text
Structure Trace Shade
EOH
Legend for Assay
0.3 - 0.5
0.5 - 1
1 - 3
3 - 10
10 - 1000
(gAu*)
Legend for Lithology
Overburden
Diabase
Felsic Dyke
Intermediate Dyke
Quartz-Feldspar Porphyry
Feldspar Porphyry
Lamprophyre
Syenite
Porphyrite
Conglomerate
Wacke
Trachyte-Amygdaloidal
Trachyte, Porphyritic
Tuff
Crystal Tuff
Lapilli Tuff
Arenite
Opening
QUEENSTON MINING INC.
Lebel Gold Project
Boundary Zone Plan
Date:12/10/2012
Author: CM
Office: KL
Drawing:
Scale: 1:1000
Projection: UTM Zone 17 (NAD 83)
0
25
50
metres

578500 mE
579000 mE
579500 mE
580000 mE
5335000 mN
5334500 mN

BIDGOOD BREAK

L-1
145.4m
MH-4
0m
LB08-45
290m
LB08-44
110m
LB08-43
472m
ML11-09
378m
ML11-08
631m
LB08-35
647m
ML11-13
1904.35m
LB08-36
729m
LB08-51
419m
ML11-03
91m
LB08-47
19m
06-LB-015
150m
MH-17
72m
ML11-06
237m
ML11-05
138m
MH-16
ML11-04
202m
MH-18
97.57m
LB08-39
19m
ML11-01
564m
LB08-46
434m
ML11-02
523m
MH-58
0m
LB08-33
183m
83-26
197m
LB08-34
311m
ML11-11
72m
ML11-11A
180m
ML11-10
180m
ML11-12
201m
06-LB-014
152m
MH-15
103.5m
MH-14
MLB4-2
31.39m
MH-64-1
80.78m
06-LB-018
150m
83-01
0m
83-09
0m
06-LB-005
152m
83-11
89.97m
83-12
89.92m
83-20
142.26m
83-21
186.78m
83-22
89.36m

Legend for Geology

- Wacke
- White Fragmental Tuff
- Tuffaceous Conglomerate
- Boulder Conglomerate
- Gabbro, Diorite, Quartz Gabbro
- Basic Syenite and Lamprophyre
- Mica Lamprophyre
- Hornblendite
- Diorite and Basic Syenite
- Syenite
- Feldspar Porphyry
- Quartz Porphyry
- Acid Syenite
- Porphyrite
- Diabase
- Carbonated Rock
- Andesite
- Volcanic Breccia
- Mafic Volcanic
- Trachyte Flows, Amygdaloidal
- Trachyte Flows, Massive and Porphyritic
- Trachyte Sills
- Tuff Breccia
- Tuff
- Basal Conglomerate
- Oxide Iron Formation
- Coarse Graywacke
- Fine Banded Graywacke
- Tuffaceous Graywacke

Legend - Symbols

- Shaft
- DDH
- Road

Legend for DDH

HoleID
Lithology Trace Shade
gAuT Text
Structure Trace Shade
EOH

Legend for Assay

(gAu/t)

- 0.3 - 0.5
- 0.5 - 1
- 1 - 3
- 3 - 10
- 10 - 1000

Legend for Lithology

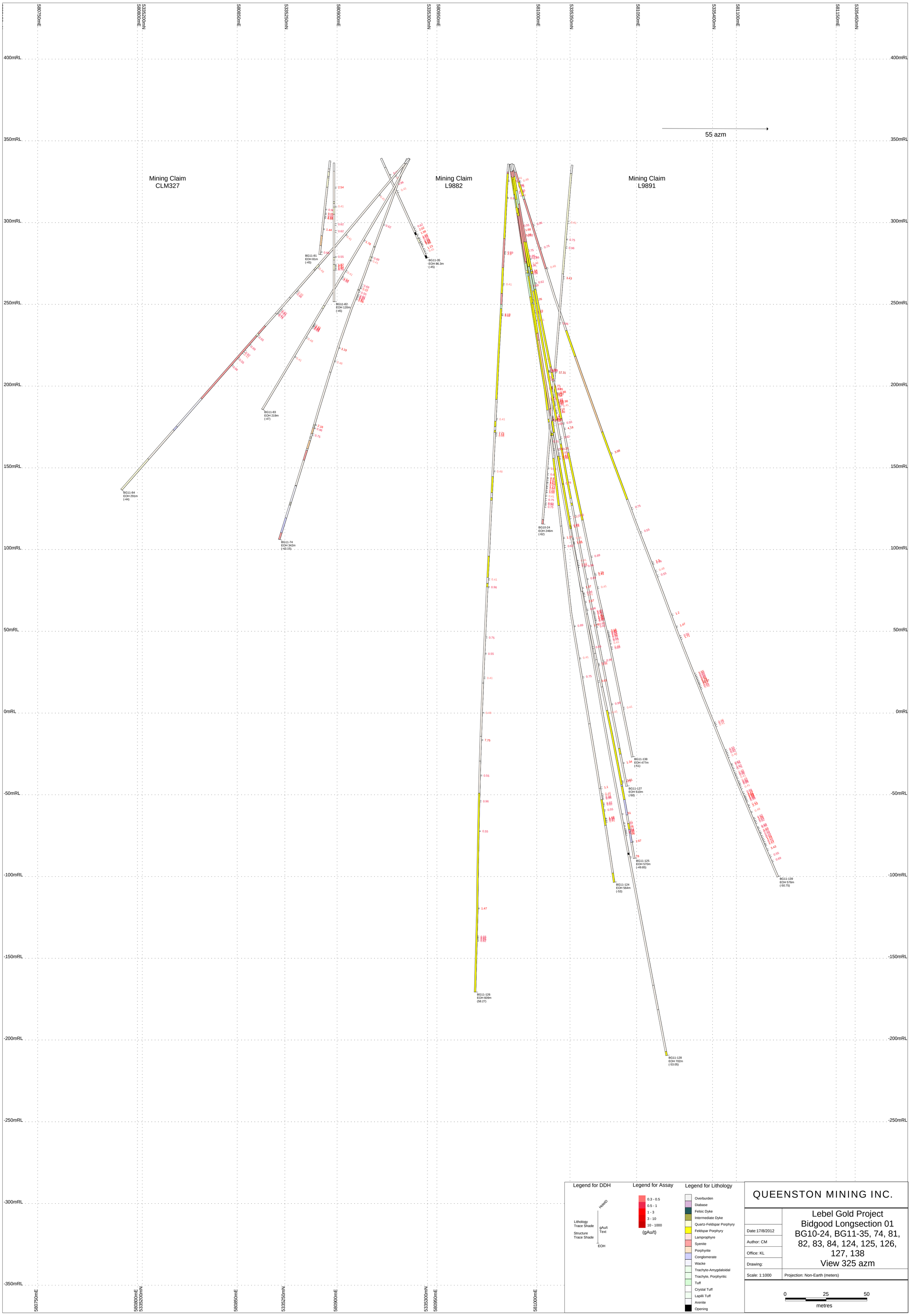
- Overburden
- Diabase
- Felsic Dyke
- Intermediate Dyke
- Quartz-Feldspar Porphyry
- Feldspar Porphyry
- Lamprophyre
- Syenite
- Porphyrite
- Conglomerate
- Wacke
- Trachyte-Amygdaloidal
- Trachyte, Porphyritic
- Tuff
- Crystal Tuff
- Lapilli Tuff
- Arenite
- Opening

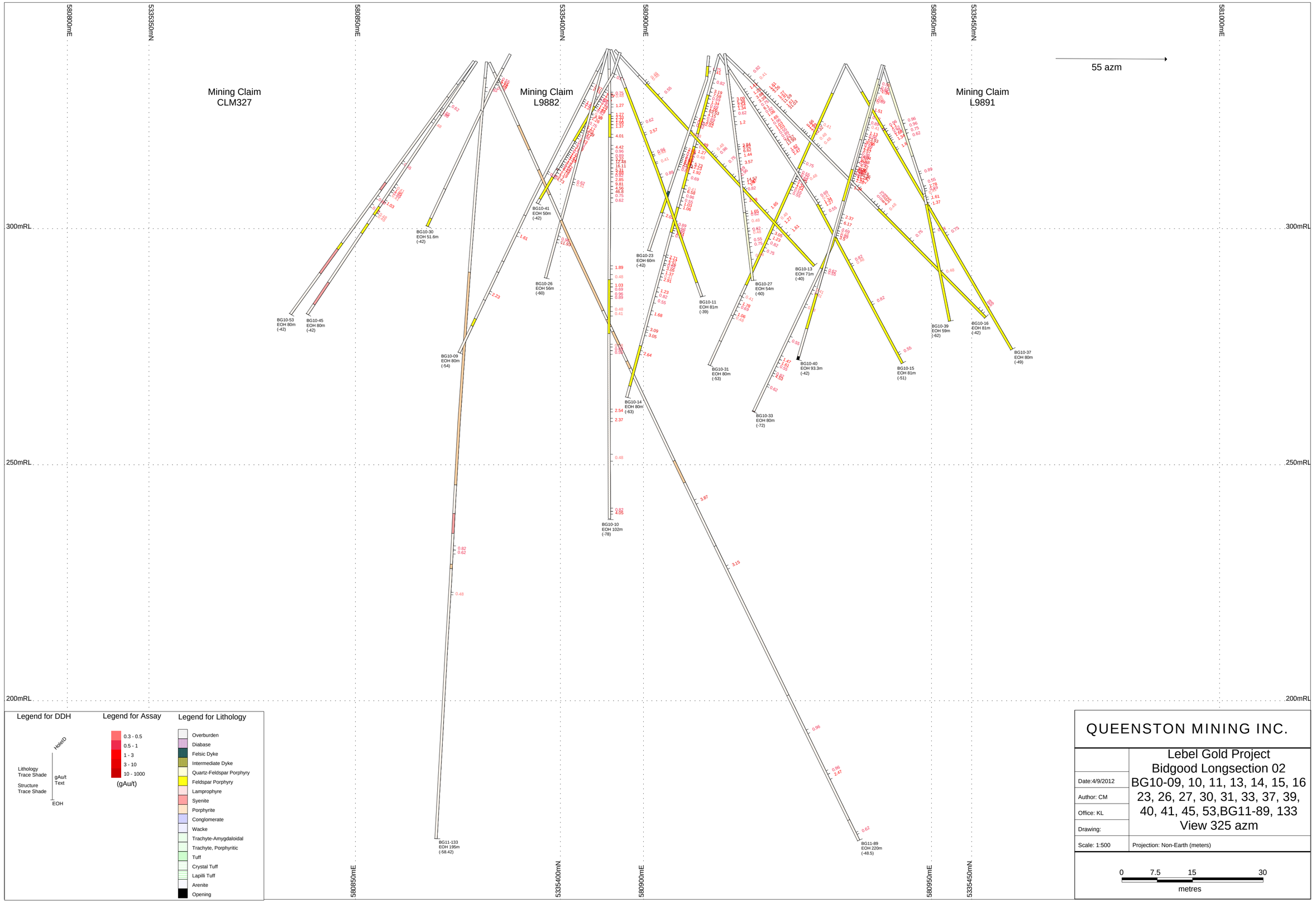
QUEENSTON MINING INC.

Lebel Gold Project
Mud Lake Plan

Date:26/9/2012
Author: CM
Office: KL
Drawing:
Scale: 1:2500
Projection: UTM Zone 17 (NAD 83)

0 25 50 100
metres


580750mE
5335200mN
580800mE
580850mE
5335250mN
580900mE
5335300mN
580950mE
581000mE
5335350mN
581050mE
5335400mN
581100mE
581150mE
5335450mN
400mRL
350mRL
300mRL
250mRL
200mRL
150mRL
100mRL
50mRL
0mRL
-50mRL
-100mRL
-150mRL
-200mRL
-250mRL
-300mRL
-350mRL
55 azm
Mining Claim
CLM327
Mining Claim
L9882
Mining Claim
L9891
BG11-81
EOH 81m
(-45)
BG11-82
EOH 120m
(-45)
BG11-35
EOH 86.3m
(-45)
BG11-83
EOH 219m
(-47)
BG11-84
EOH 291m
(-44)
BG11-74
EOH 342m
(-43.15)
BG10-24
EOH 246m
(-62)
BG11-126
EOH 609m
(58.27)
BG11-124
EOH 564m
(-53)
BG11-138
EOH 477m
(-51)
BG11-127
EOH S10m
(-50)
BG11-125
EOH 570m
(-49.85)
BG11-128
EOH 702m
(-53.05)
BG11-139
EOH 576m
(-50.75)
Legend for DDH
HoleID
Lithology
Trace Shade
Structure
Trace Shade
gAu/t
Text
EOH
Legend for Assay
0.3 - 0.5
0.5 - 1
1 - 3
3 - 10
10 - 1000
(gAu/t)
Legend for Lithology
Overburden
Diabase
Felsic Dyke
Intermediate Dyke
Quartz-Feldspar Porphyry
Feldspar Porphyry
Lamprophyre
Syenite
Porphyrite
Conglomerate
Wacke
Trachyte-Amygdaloidal
Trachyte, Porphyritic
Tuff
Crystal Tuff
Lapilli Tuff
Arenite
Opening
QUEENSTON MINING INC.
Lebel Gold Project
Bidgood Longsection 01
BG10-24, BG11-35, 74, 81, 82, 83, 84, 124, 125, 126, 127, 138
View 325 azm
Date:17/8/2012
Author: CM
Office: KL
Drawing:
Scale: 1:1000
Projection: Non-Earth (meters)
0
25
50
metres


580800mE
5335350mN
580850mE
5335400mN
580900mE
580950mE
5335450mN
581000mE
300mRL
250mRL
200mRL
55 azm
Mining Claim
CLM327
Mining Claim
L9882
Mining Claim
L9891
BG10-53
EOH 80m
(-42)
BG10-45
EOH 80m
(-42)
BG10-30
EOH 51.6m
(-42)
BG10-41
EOH 50m
(-42)
BG10-26
EOH 56m
(-60)
BG10-09
EOH 80m
(-54)
BG10-23
EOH 60m
(-42)
BG10-11
EOH 81m
(-39)
BG10-14
EOH 80m
(-63)
BG10-10
EOH 102m
(-78)
BG10-31
EOH 80m
(-53)
BG10-27
EOH 54m
(-60)
BG10-33
EOH 80m
(-72)
BG10-13
EOH 71m
(-40)
BG10-40
EOH 93.3m
(-42)
BG10-15
EOH 81m
(-51)
BG10-39
EOH 59m
(-62)
BG10-16
EOH 81m
(-42)
BG10-37
EOH 80m
(-49)
BG11-133
EOH 195m
(-58.42)
BG11-89
EOH 220m
(-48.5)
Legend for DDH
HoleID
Lithology
Trace Shade
Structure
Trace Shade
gAu/t
Text
EOH
Legend for Assay
0.3 - 0.5
0.5 - 1
1 - 3
3 - 10
10 - 1000
(gAu/t)
Legend for Lithology
Overburden
Diabase
Felsic Dyke
Intermediate Dyke
Quartz-Feldspar Porphyry
Feldspar Porphyry
Lamprophyre
Syenite
Porphyrite
Conglomerate
Wacke
Trachyte-Amygdaloidal
Trachyte, Porphyritic
Tuff
Crystal Tuff
Lapilli Tuff
Arenite
Opening
QUEENSTON MINING INC.
Lebel Gold Project
Bidgood Longsection 02
BG10-09, 10, 11, 13, 14, 15, 16
23, 26, 27, 30, 31, 33, 37, 39,
40, 41, 45, 53,BG11-89, 133
View 325 azm
Date:4/9/2012
Author: CM
Office: KL
Drawing:
Scale: 1:500
Projection: Non-Earth (meters)
0
7.5
15
30
metres

580950mE
5335450mN
581000mE
5335500mN
581050mE
581100mE
5335550mN

350mRL
300mRL
250mRL
200mRL
150mRL
100mRL
50mRL
0mRL

Mining Claim
CLM327

Mining Claim
L9891

55 azm

BG11-34
EOH 40.8m
(-67)

BG11-107
EOH 69m
(-55)

BG11-106
EOH 63m
(-55)

BG11-122
EOH 171m
(-42)

BG11-118
EOH 204m
(-43.25)

BG11-121
EOH 219.7m
(-42)

BG11-34A
EOH 198m
(-67.33)

BG10-12
EOH 324m
(-63)

Legend for DDH

HoleID
Lithology Trace Shade
Structure Trace Shade
gAu/t Text
EOH

Legend for Assay

0.3 - 0.5
0.5 - 1
1 - 3
3 - 10
10 - 1000
(gAu/t)

Legend for Lithology

- Overburden
- Diabase
- Felsic Dyke
- Intermediate Dyke
- Quartz-Feldspar Porphyry
- Feldspar Porphyry
- Lamprophyre
- Syenite
- Porphyrite
- Conglomerate
- Wacke
- Trachyte-Amygdaloidal
- Trachyte, Porphyritic
- Tuff
- Crystal Tuff
- Lapilli Tuff
- Arenite
- Opening

QUEENSTON MINING INC.

Bidgood Longsection 03
BG10-12, BG11-34, 34A, 106, 107, 118, 121, 122
View 325 azm

Date:6/9/2012
Author: CM
Office: KL
Drawing:
Scale: 1:500
Projection: Non-Earth (meters)

0 7.5 15 30
metres

580700mE
5335350mN
580750mE
580800mE
5335400mN
580850mE
5335450mN
580900mE
5335500mN
580950mE
581000mE
5335550mN

350mRL
300mRL
250mRL
200mRL
150mRL

Mining Claim
L9882

Mining Claim
CLM327

Mining Claim
L9891

55 azm

BG11-137
EOH 120m
(-56)

BG11-136
EOH 198m
(-42)

BG10-46
EOH 132m
(-51.08)

BG11-134
EOH 189.4m
(-42)

BG11-135
EOH 198.4m
(-56)

BG10-47
EOH 111m
(-58.92)

BG10-25
EOH 120m
(-64.75)

BG10-28
EOH 159m
(-67.75)

BG11-130
EOH 195m
(-60)

BG10-59
EOH 120m
(-63.95)

BG11-131
EOH 141m
(-65)

BG11-129
EOH 46.8m
(-55)

BG10-63
EOH 48m
(-45)

BG10-67
EOH 51m
(-62.6)

BG10-61
EOH 125m
(-49)

BG10-50
EOH 131m
(-52.5)

BG10-58
EOH 138m
(-68.25)

BG10-71
EOH 171m
(-76.2)

BG10-22
EOH 171m
(-70.45)

BG10-21
EOH 159m
(-64.78)

Legend for DDH

Lithology
Trace Shade

Structure
Trace Shade

HoleID

gAuft
Text

EOH

Legend for Assay

0.3 - 0.5
0.5 - 1
1 - 3
3 - 10
10 - 1000
(gAu/t)

Legend for Lithology

- Overburden
- Diabase
- Felsic Dyke
- Intermediate Dyke
- Quartz-Feldspar Porphyry
- Feldspar Porphyry
- Lamprophyre
- Syenite
- Porphyrite
- Conglomerate
- Wacke
- Trachyte-Amygdaloidal
- Trachyte, Porphyritic
- Tuff
- Crystal Tuff
- Lapilli Tuff
- Arenite
- Opening

QUEENSTON MINING INC.

	Lebel Gold Project Bidgood Longsection 04 BG10-21, 22, 25, 28, 46, 47, 50 51, 58, 59, 63, 67, 71, BG11-123 129, 130, 131, 134, 135, 136, 13 View 325 azm
Date:6/9/2012	
Author: CM	
Office: KL	
Drawing:	
Scale: 1:500	Projection: Non-Earth (meters)

0 7.5 15 30
metres

5335450mN
580850mE
580900mE
5335500mN
580950mE
5335550mN
581000mE

350mRL
300mRL
250mRL
200mRL
150mRL
100mRL
50mRL
0mRL

55 azm

Mining Claim
L9882

Mining Claim
CLM327

Mining Claim
L9891

BG11-113
EOH 81m
(-45)

BG11-113A
EOH 72m
(-72)

BG11-114
EOH 45m
(-72)

BG11-114A
EOH 39m
(-53.7°)

BG11-117
EOH 93m
(-45)

BG11-120
EOH 168m
(-45.92)

BG11-132
EOH 162m
(-53.42)

BG11-115
EOH 201m
(-61.32)

BG11-116
EOH 216m
(-62.55)

BG11-119
EOH 250m
(-68.48)

Legend for DDH

HoleID
Lithology Trace Shade
gAu/t Text
Structure Trace Shade
EOH

Legend for Assay

0.3 - 0.5
0.5 - 1
1 - 3
3 - 10
10 - 1000
(gAu/t)

Legend for Lithology

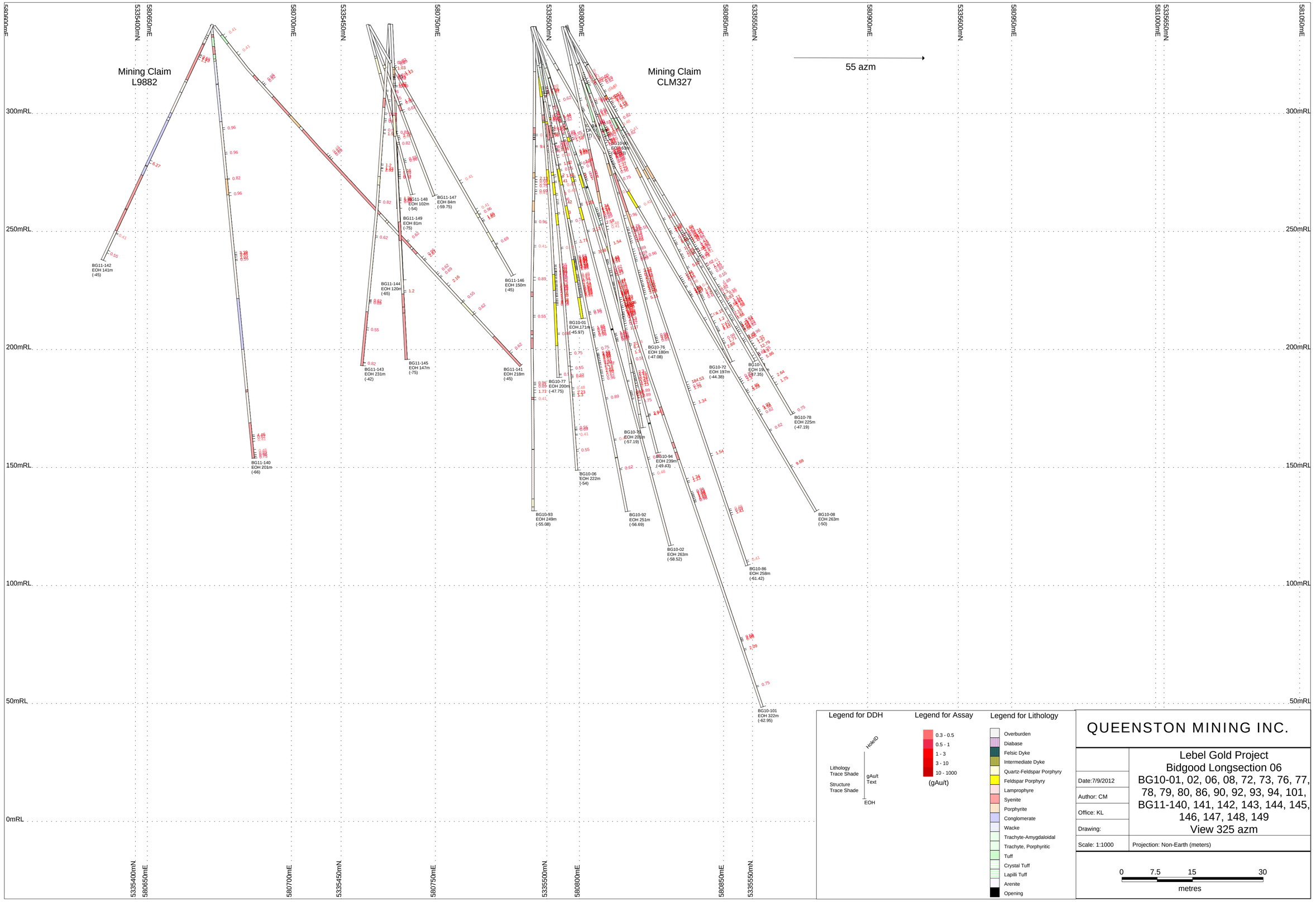
- Overburden
- Diabase
- Felsic Dyke
- Intermediate Dyke
- Quartz-Feldspar Porphyry
- Feldspar Porphyry
- Lamprophyre
- Syenite
- Porphyrite
- Conglomerate
- Wacke
- Trachyte-Amygdaloidal
- Trachyte, Porphyritic
- Tuff
- Crystal Tuff
- Lapilli Tuff
- Arenite
- Opening

QUEENSTON MINING INC.

Lebel Gold Project
Bidgood Longsection 05
BG11-113, 113A, 114, 114A,
115, 116, 117, 119, 120, 132
View 325 azm

Date:6/9/2012
Author: CM
Office: KL
Drawing:
Scale: 1:500
Projection: Non-Earth (meters)

0 7.5 15 30
metres



Legend for DDH

HoleID
Lithology Trace Shade
gAu/t Text
Structure Trace Shade
EOH

Legend for Assay

0.3 - 0.5
0.5 - 1
1 - 3
3 - 10
10 - 1000
(gAu/t)

Legend for Lithology

- Overburden
- Diabase
- Felsic Dyke
- Intermediate Dyke
- Quartz-Feldspar Porphyry
- Feldspar Porphyry
- Lamprophyre
- Syenite
- Porphyrite
- Conglomerate
- Wacke
- Trachyte-Amygdaloidal
- Trachyte, Porphyritic
- Tuff
- Crystal Tuff
- Lapilli Tuff
- Arenite
- Opening

QUEENSTON MINING INC.

Lebel Gold Project
Bidgood Longsection 06
BG10-01, 02, 06, 08, 72, 73, 76, 77, 78, 79, 80, 86, 90, 92, 93, 94, 101, BG11-140, 141, 142, 143, 144, 145, 146, 147, 148, 149
View 325 azm

Date:7/9/2012
Author: CM
Office: KL
Drawing:
Scale: 1:1000
Projection: Non-Earth (meters)

0 7.5 15 30
metres

580800mE
5335500mN
580850mE
5335550mN
580900mE
580950mE
5335600mN

350mRL
300mRL
250mRL
200mRL
150mRL
100mRL
50mRL
0mRL

55 azm

Mining Claim
L9882

Mining Claim
L9891

Mining Claim
CLM327

BG11-108
EOH 45m
(-38.78)

BG11-173
EOH 29.9m
(-73)

BG10-70
EOH 49m
(-59)

BG10-68
EOH 90m
(-48)

BG11-168
EOH 92m
(-52)

BG11-171
EOH 103m
(-52)

BG11-172
EOH 125m
(-65)

BG11-169
EOH 131m
(-65)

BG11-170
EOH 153.4m
(-73)

BG11-167
EOH 80m
(-76.5)

BG11-166
EOH 83m
(-68)

BG11-112
EOH 150m
(-4)

BG11-112A
EOH 52m
(-55)

BG10-61
EOH 60m
(-45)

BG11-104
EOH 50.5m
(-82)

BG11-165
EOH 80m
(-52)

BG11-111
EOH 120m
(-37.27)

BG11-153
EOH 156m
(-63)

BG10-62
EOH 81m
(-65)

BG11-109
EOH 159m
(-39.43)

BG11-154
EOH 165m
(-76.5)

BG11-152
EOH 219.6m
(-52)

BG11-110
EOH 236m
(-55.56)

BG11-157
EOH 201m
(-75.75)

BG11-156
EOH 147m
(-65)

BG11-155
EOH 251m
(-48)

BG11-158
EOH 281m
(-65)

BG11-159
EOH 251m
(-73.83)

BG11-153A
EOH 261m
(-62.9)

BG11-161
EOH 281m
(-55)

BG11-162
EOH 281m
(-57.85)

Legend for DDH

HoleID
Lithology Trace Shade
gAu/t Text
Structure Trace Shade
EOH

Legend for Assay

0.3 - 0.5
0.5 - 1
1 - 3
3 - 10
10 - 1000
(gAu/t)

Legend for Lithology

- Overburden
- Diabase
- Felsic Dyke
- Intermediate Dyke
- Quartz-Feldspar Porphyry
- Feldspar Porphyry
- Lamprophyre
- Syenite
- Porphyrite
- Conglomerate
- Wacke
- Trachyte-Amygdaloidal
- Trachyte, Porphyritic
- Tuff
- Crystal Tuff
- Lapilli Tuff
- Arenite
- Opening

QUEENSTON MINING INC.

Lebel Gold Project
Bidgood Longsection 07
BG10-61, 62, 68, 69, 70, BG11-108, 109, 110, 111, 112, 112A, 152, 153, 153A, 154, 155, 156, 157, 158, 159, 161, 162, 164, 165, 166, 167, 168, 169, 170, 171, 172, 173 - View 325 azm

Date:7/9/2012
Author: CM
Office: KL
Drawing:
Scale: 1:500
Projection: Non-Earth (meters)

0 7.5 15 30
metres

Mining Claim L7592

Mining Claim L9886

Mining Claim L9882

Mining Claim L7593

55 azm

300mRL

200mRL

100mRL

0mRL

-100mRL

-200mRL

-300mRL

-400mRL

9800mE 9835mN 9840mE 9845mN 9850mE 9855mN 9860mE 9865mN 9870mE 9875mN 9880mE 9885mN 9890mE 9895mN 9900mE 9905mN 9910mE 9915mN 9920mE 9925mN 9930mE 9935mN 9940mE 9945mN 9950mE

Legend for DDH

Lithology Trace Shaft

Structure Trace Shaft

Legend for Assay

0.3 - 0.5
0.5 - 1
1 - 3
3 - 10
10 - 1000
(gAu/t)

Legend for Lithology

- Overburden
- Diabase
- Felsic Dyke
- Intermediate Dyke
- Quartz-Feldspar Porphyry
- Feldspar Porphyry
- Lamprophyre
- Syenite
- Porphyrite
- Conglomerate
- Wacke
- Trachyte-Amygdaloidal
- Trachyte, Porphyritic
- Tuff
- Crystal Tuff
- Lapilli Tuff
- Aplite
- Opening

QUEENSTON MINING INC.

Lebel Gold Project
Bidgood Longsection 08
BG10-03, 04, 05, 07, 17, 18, 18B, 180
20, 36, 38, 42, 48, 49, 52, 65, 66, 99,
100, 102, 103, 104, 105, BG11-85
87, 91, 174, 175, 176, 177, 178, 179,
180, 192 - View 325 azm

Date: 7/9/2012	
Author: CM	
Office: KL	
Drawing:	
Scale: 1:1000	Projection: Non-Earth (meters)

0 25 50
metres

5805500mE 5335700mN 5806000mE 5336000mN 5806500mE 5336300mN 5807000mE 5336600mN 5807500mE 5336900mN 5808000mE 5337200mN 5808500mE 5337500mN 5809000mE 5337800mN 5809500mE 5338100mN 5810000mE 5338400mN 5810500mE 5338700mN 5811000mE 5339000mN 5811500mE 5339300mN 5812000mE 5339600mN

55 azm

Mining Claim L9031

Mining Claim L7593

Mining Claim L9882

Mining Claim L9891

Mining Claim L6872

300mRL 200mRL 100mRL 0mRL -100mRL -200mRL -300mRL -400mRL -500mRL -600mRL -700mRL -800mRL -900mRL -1000mRL

BG10-64 EOH 81m (-45)

BG10-55 EOH 81m (-62)

BG10-60 EOH 81m (-45)

BG10-54 EOH 81m (-59)

BG10-75 EOH 90m (-66)

BG10-29 EOH 162m (-59)

BG10-57 EOH 81m (-44)

BG10-97 EOH 90m (-62)

BG10-98 EOH 111m (-61)

BG10-96 EOH 65m (-59)

BG10-95 EOH 90m (-62)

BG10-32 EOH 152m (-64)

BG10-43 EOH 420m (-66.13)

BG10-19 EOH 354m (-74.40)

BG10-44 EOH 516m (-49)

BG11-160 EOH 408m (-62.5)

BG11-88 EOH 792m (-57)

BG11-163 EOH 1295.5m (-81.39)

Legend for DDH

HoleID

Lithology Trace Shade

gAut Text

Structure Trace Shade

EOH

Legend for Assay

0.3 - 0.5

0.5 - 1

1 - 3

3 - 10

10 - 1000

(gAu/t)

Legend for Lithology

- Overburden
- Diabase
- Feltic Dyke
- Intermediate Dyke
- Quartz-Feldspar Porphyry
- Feldspar Porphyry
- Lamprophyre
- Syenite
- Porphyrite
- Conglomerate
- Wacke
- Trachyte-Amygdaloidal
- Trachyte, Porphyritic
- Tuff
- Crystal Tuff
- Lapilli Tuff
- Arenite
- Opening

QUEENSTON MINING INC.

Lebel Gold Project
Bidgood Longsection 09
BG10-19, 29, 32, 43, 44, 54, 55 57, 60, 64, 75, 95, 96, 97, 98, BG11-88, 160, 163
View 325 azm

Date:10/9/2012	
Author: CM	
Office: KL	
Drawing:	
Scale: 1:1250	Projection: Non-Earth (meters)

0 20 40 80

metres

5335150mN 581500mE 581550mE 5335200mN 581600mE 5335250mN 581650mE 581700mE 5335300mN 581750mE 5335350mN 581800mE 581850mE 5335400mN 581900mE

350mRL 300mRL 250mRL 200mRL 150mRL 100mRL 50mRL

56 azm

Mining Claim
CLM327

Mining Claim
L6873

B10-04
B10-17
B10-18
BZ11-43
EOH 254m
(-42)
BZ11-45
EOH 344m
(-53)
BZ11-47
EOH 72m
(-42)
BZ11-41
EOH 62m
(-42)
B10-37
B10-36
B09-07
B10-35
B10-19
B09-05
BZ11-44
EOH 245m
(-53)
B09-02
B09-08
B09-03
B09-15
B09-01
B09-06
B09-10
B10-20
BZ11-40
EOH 215m
(-61.5)
BZ11-39
EOH 113m
(-59)
B10-31
B10-21
B10-22
B09-13A
B10-23
B09-13
B09-13B
B10-24
B10-25
B10-33
B10-16
BZ1T-38
EOH 122m
(-57)
B10-26
BZ11-46
EOH 139m
(-54)
B09-11
B09-12

Legend for DDH

HoleID
Lithology Trace Shade
gAu/t Text
Structure Trace Shade
EOH

Legend for Assay

0.3 - 0.5
0.5 - 1
1 - 3
3 - 10
10 - 1000
(gAu/t)

Legend for Lithology

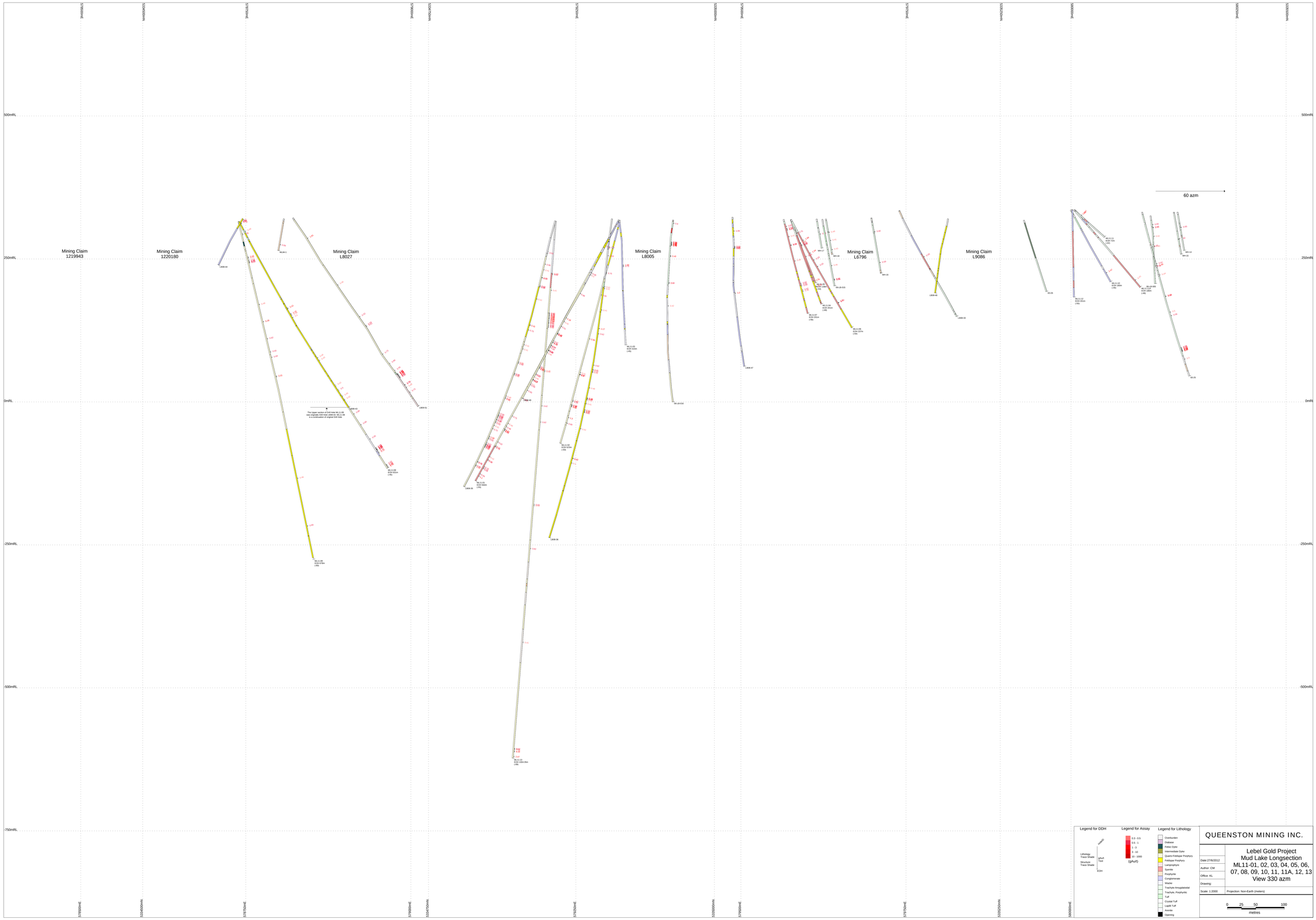
- Overburden
- Diabase
- Felsic Dyke
- Intermediate Dyke
- Quartz-Feldspar Porphyry
- Feldspar Porphyry
- Lamprophyre
- Syenite
- Porphyrite
- Conglomerate
- Wacke
- Trachyte-Amygdaloidal
- Trachyte, Porphyritic
- Tuff
- Crystal Tuff
- Lapilli Tuff
- Arenite
- Opening

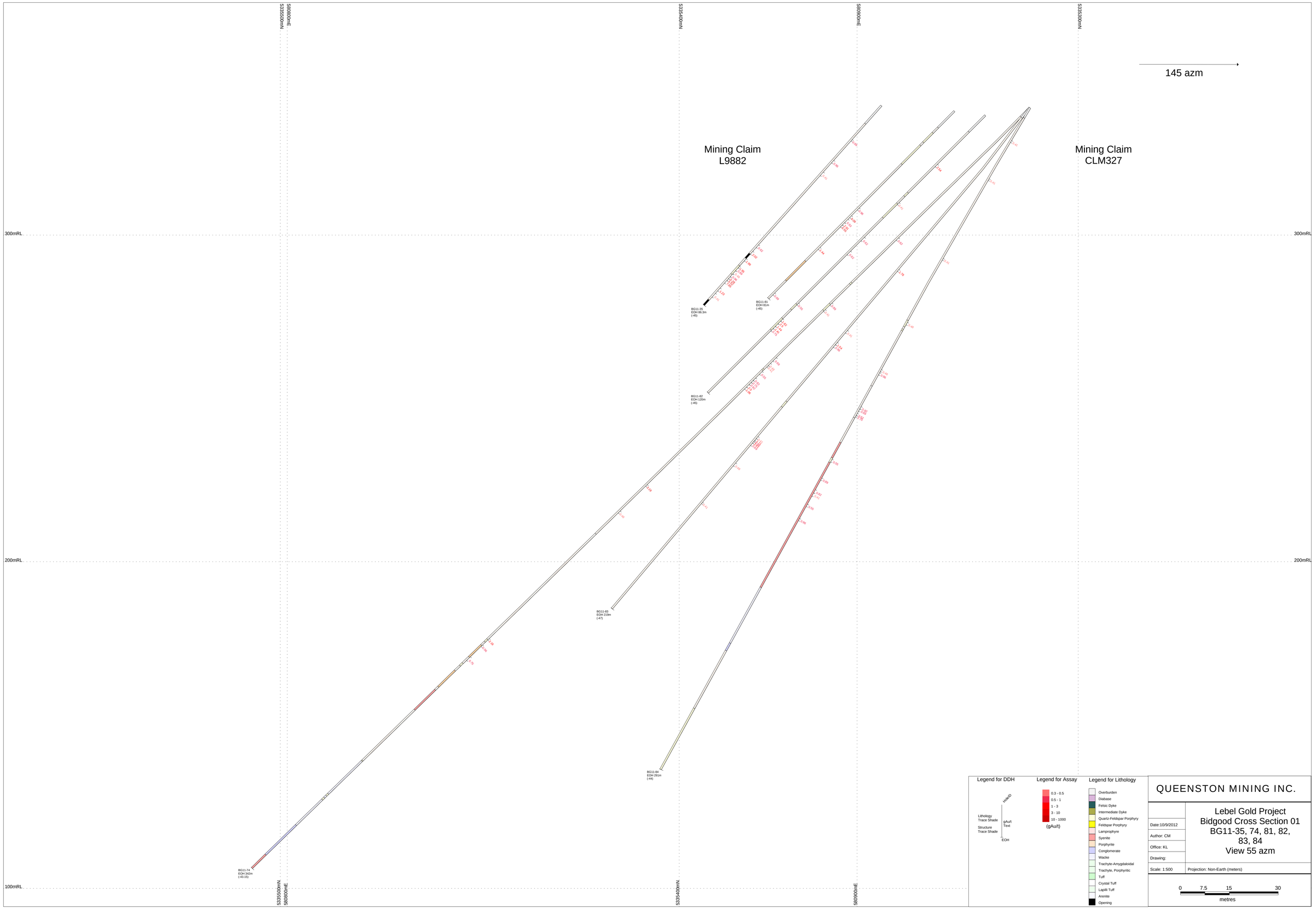
QUESTON MINING INC.

Lebel Gold Project
Boundary Zone Longsection
BZ11-38, 39, 40, 41,
42, 43, 44, 45, 46
View 326 azm

Date:31/7/2012
Author: CM
Office: KL
Drawing:
Scale: 1:1000
Projection: Non-Earth (meters)

0 25 50
metres


379500mE
534000mN
379750mE
534250mN
380000mE
534500mN
379250mE
533750mN
379500mE
533500mN
379750mE
533250mN
380000mE
533000mN
500mRL
250mRL
0mRL
-250mRL
-500mRL
-750mRL
Mining Claim 1219943
Mining Claim 1220180
Mining Claim L8027
Mining Claim L8005
Mining Claim L6796
Mining Claim L9086
60 azm
The Upper section of Drill Hole ML11-08 was originally Drill Hole LB09-01. ML11-08 is a continuation of original Drill Hole
L809-44
L809-43
L809-51
ML11-08 EOH 572m (-45)
ML11-08 EOH 678m (-60)
ML94-1
L809-20
ML11-01 EOH 504m (-55)
ML11-02 EOH 525m (-50)
L809-49
ML11-03 EOH 315m (-55)
ML11-03 EOH 100m 35m (-58)
SK-LB-016
L809-47
ML11-07 EOH 201m (-50)
ML11-08 EOH 150m (-45)
SK-LB-015
ML11-04 EOH 251m (-48)
ML11-06 EOH 237m (-54)
MH-17
MH-18
MH-16
L809-48
L809-33
L809-36
ML11-11 EOH 70m (-62)
ML11-12 EOH 201m (-50)
ML11-10 EOH 180m (-45)
SK-LB-005
ML11-13,A EOH 156m (-45)
MH-14
MH-15
83-26
83-25
Legend for DDH
Collar
Lithology Trace Shade
gAu# Text
Structure Trace Shade
EOH
Legend for Assay
0.3 - 0.5
0.5 - 1
1 - 3
3 - 10
10 - 1000
(gAu/t)
Legend for Lithology
Overburden
Diabase
Felsic Dyke
Intermediate Dyke
Quartz-Feldspar Porphyry
Feldspar Porphyry
Lamprophyre
Syenite
Porphyrite
Conglomerate
Wacke
Trachyte-Amygdaloidal
Trachyte, Porphyritic
Tuff
Crystal Tuff
Lapilli Tuff
Xenite
Opening
QUEENSTON MINING INC.
Lebel Gold Project
Mud Lake Longsection
ML11-01, 02, 03, 04, 05, 06, 07, 08, 09, 10, 11, 11A, 12, 13
View 330 azm
Date:27/6/2012
Author: CM
Office: KL
Drawing:
Scale: 1:2000
Projection: Non-Earth (meters)
0 25 50 100
metres



QUEENSTON MINING INC.

	Lebel Gold Project Bidgood Cross Section 01 BG11-35, 74, 81, 82, 83, 84 View 55 azm
Date:10/9/2012	
Author: CM	
Office: KL	
Drawing:	
Scale: 1:500	Projection: Non-Earth (meters)

0 7.5 15 30
metres

5335600mN
580800mE
5335500mN
580900mE
5335400mN
5335300mN
581000mE
5335200mN

400mRL
300mRL
200mRL
100mRL
0mRL
-100mRL
-200mRL
-300mRL

145 azm

Mining Claim
L9882

Mining Claim
CLM327

Mining Claim
L9891

BG11-125
EOH 570m
(-49.85)

BG11-127
EOH 510m
(-50)

BG11-138
EOH 477m
(-51)

BG11-124
EOH 564m
(-53)

BG11-139
EOH 576m
(-50.75)

BG11-126
EOH 609m
(-58.27)

BG11-128
EOH 702m
(-53.05)

Legend for DDH

HoleID

Lithology
Trace Shade

gAu/t
Text

Structure
Trace Shade

EOH

Legend for Assay

(gAu/t)

- 0.3 - 0.5
- 0.5 - 1
- 1 - 3
- 3 - 10
- 10 - 1000

Legend for Lithology

- Overburden
- Diabase
- Felsic Dyke
- Intermediate Dyke
- Quartz-Feldspar Porphyry
- Feldspar Porphyry
- Lamprophyre
- Syenite
- Porphyrite
- Conglomerate
- Wacke
- Trachyte-Amygdaloidal
- Trachyte, Porphyritic
- Tuff
- Crystal Tuff
- Lapilli Tuff
- Arenite
- Opening

QUEENSTON MINING INC.

Lebel Gold Project
Bidgood Cross Section 02
BG11-124, 125, 126,
127, 138
View 55 azm

Date:10/9/2012
Author: CM
Office: KL
Drawing:
Scale: 1:1000
Projection: Non-Earth (meters)

0 25 50
metres

580800mE
5335500mN
5335450mN
580850mE
5335400mN
580900mE
5335350mN

145 azm

Mining Claim
L9882

Mining Claim
CLM327

300mRL
250mRL
200mRL

BG10-41
EOH 50m
(-42)

BG10-30
EOH 51.6m
(-42)

BG10-13
EOH 71m
(-40)

BG10-26
EOH 76m
(-60)

BG10-11
EOH 81m
(-39)

BG10-53
EOH 80m
(-42)

BG10-45
EOH 70m
(-42)

BG10-09
EOH 80m
(-54)

BG10-10
EOH 102m
(-78)

BG11-89
EOH 220m
(-48.5)

BG11-133
EOH 195m
(-58.42)

5335500mN
580800mE
5335450mN
580850mE
5335400mN

Legend for DDH

HoleID
Lithology Trace Shade
Structure Trace Shade
gAu/t Text
EOH

Legend for Assay

0.3 - 0.5
0.5 - 1
1 - 3
3 - 10
10 - 1000
(gAu/t)

Legend for Lithology

- Overburden
- Diabase
- Felsic Dyke
- Intermediate Dyke
- Quartz-Feldspar Porphyry
- Feldspar Porphyry
- Lamprophyre
- Syenite
- Porphyrite
- Conglomerate
- Wacke
- Trachyte-Amygdaloidal
- Trachyte, Porphyritic
- Tuff
- Crystal Tuff
- Lapilli Tuff
- Arenite
- Opening

QUEENSTON MINING INC.

Lebel Gold Project
Bidgood Cross Section 03
BG10-09, 10, 11, 13, 26, 30, 41, 45, 53, BG11-89, 133
View 55 azm

Date:10/9/2012
Author: CM
Office: KL
Drawing:
Scale: 1:500
Projection: Non-Earth (meters)

0 7.5 15 30
metres

580850mE
5335500mN
580900mE
5335450mN
5335400mN
580950mE
5335350mN
350mRL
300mRL
250mRL
200mRL
145 azm
Mining Claim
L9891
Mining Claim
CLM327
BG10-23
EOH 60m
(-42)
BG10-40
EOH 93.3m
(-42)
BG10-39
EOH 59m
(-62)
BG10-16
EOH 81m
(-42)
BG10-33
EOH 80m
(-72)
BG10-15
EOH 81m
(-51)
BG10-14
EOH 80m
(-63)
BG10-27
EOH 54m
(-60)
BG10-37
EOH 80m
(-49)
BG10-31
EOH 80m
(-53)

Legend for DDH

HoleID

Lithology
Trace Shade

Structure
Trace Shade

gAu/t
Text

EOH

Legend for Assay

- 0.3 - 0.5
- 0.5 - 1
- 1 - 3
- 3 - 10
- 10 - 1000

(gAu/t)

Legend for Lithology

- Overburden
- Diabase
- Felsic Dyke
- Intermediate Dyke
- Quartz-Feldspar Porphyry
- Feldspar Porphyry
- Lamprophyre
- Syenite
- Porphyrite
- Conglomerate
- Wacke
- Trachyte-Amygdaloidal
- Trachyte, Porphyritic
- Tuff
- Crystal Tuff
- Lapilli Tuff
- Arenite
- Opening

QUEENSTON MINING INC.

Lebel Gold Project
Bidgood Cross Section 04
BG10-14, 15, 16, 23, 27, 31, 33, 37, 39, 40
View 55 azm

Date:10/9/2012

Author: CM

Office: KL

Drawing:

Scale: 1:500

Projection: Non-Earth (meters)

0 7.5 15 30

metres

5335750mN 5336000mN 5336250mN 5336500mN 5336750mN 5337000mN 5337250mN 5337500mN 5337750mN 5338000mN 5338250mN 5338500mN 5338750mN 5339000mN 5339250mN 5339500mN 5339750mN 5340000mN 5340250mN 5340500mN 5340750mN 5341000mN 5341250mN 5341500mN 5341750mN 5342000mN 5342250mN 5342500mN

350mRL
300mRL
250mRL
200mRL
150mRL
100mRL
50mRL
0mRL

Mining Claim
CLM327

Mining Claim
L9891

145 azm

BG11-118
EOH 180m
(-43 /52)

BG11-122
EOH 217m
(-60)

BG11-107
EOH 99m
(-55)

BG11-52A
EOH 92m
(-55)

BG11-34
EOH 46.8m
(-67)

BG11-122
EOH 172m
(-60)

BG11-34A
EOH 180m
(-47 /0)

BG10-12
EOH 324m
(-55)

Legend for DDH

Lithology
Trace Shade

Structure
Trace Shade

Hole ID

gAu/t
Text

EOH

Legend for Assay

0.3 - 0.5
0.5 - 1
1 - 3
3 - 10
10 - 1000

(gAu/t)

Legend for Lithology

- Overburden
- Diabase
- Felsic Dyke
- Intermediate Dyke
- Quartz-Feldspar Porphyry
- Feldspar Porphyry
- Lamprophyre
- Syenite
- Porphyrite
- Conglomerate
- Mafic
- Trachyte-Amygdaloidal
- Trachyte, Porphyritic
- Tuff
- Crystal Tuff
- Lapilli Tuff
- Arenite
- Opening

QUEENSTON MINING INC.

Lebel Gold Project
Bidgood Cross Section 05
BG10-12, BG11-34, 34A, 106, 107, 118, 121, 122
View 55 azm

Date:11/9/2012

Author: CM

Office: KL

Drawing:

Scale: 1:500

Projection: Non-Earth (meters)

0 7.5 15 30
metres

5335600mN 580750mE 5335550mN 580800mE 5335500mN 580850mE 5335450mN 580900mE 5335400mN 580950mE 5335350mN

350mRL
300mRL
250mRL
200mRL
150mRL
100mRL

145 azm

Mining Claim
L9882

Mining Claim
CLM327

BG11-134
EOH 169.4m
(-42)

BG11-135
EOH 398.4m
(-58)

BG11-136
EOH 198m
(-42)

BG11-137
EOH 120m
(-56)

BG10-46
EOH 132m
(-51.08)

BG10-47
EOH 111m
(-58.92)

BG10-59
EOH 130m
(-63.95)

BG10-25
EOH 120m
(-64.75)

BG10-58
EOH 136m
(-68.25)

BG10-21
EOH 159m
(-64.78)

BG10-28
EOH 159m
(-67.75)

BG10-22
EOH 171m
(-70.45)

5335600mN 580750mE 5335550mN 580800mE 5335500mN 580850mE 5335450mN 580900mE 5335400mN

Legend for DDH

Lithology Trace Shade
Strucure Trace Shade
HoleID
gAuIt Text
EOH

Legend for Assay

0.3 - 0.5
0.5 - 1
1 - 3
3 - 10
10 - 1000
(gAu/t)

Legend for Lithology

- Overburden
- Diabase
- Felsic Dyke
- Intermediate Dyke
- Quartz-Feldspar Porphyry
- Feldspar Porphyry
- Lamprophyre
- Syenite
- Porphyrite
- Conglomerate
- Wacke
- Trachyte-Amygdaloidal
- Trachyte, Porphyritic
- Tuff
- Crystal Tuff
- Lapilli Tuff
- Arenite
- Opening

QUEENSTON MINING INC.

Lebel Gold Project
Bidgood Cross Section 06
BG10-21, 22, 25, 28, 46, 47, 58, 59, BG11-134, 135, 136, 137
View 55 azm

Date:11/9/2012	
Author: CM	
Office: KL	
Drawing:	
Scale: 1:500	Projection: Non-Earth (meters)

0 7.5 15 30
metres

5335600mN
5335550mN
5335500mN
5335450mN
5335400mN
5335350mN
580800mE
580850mE
580900mE
580950mE

350mRL
300mRL
250mRL
200mRL
150mRL

Mining Claim
L9882

Mining Claim
CLM327

Mining Claim
L9891

145 azm

BG11-123
EOH 32m
(-42)

BG10-63
EOH 49m
(-45)

BG11-129
EOH 46.9m
(-55)

BG10-67
EOH 51m
(-62.6)

BG10-51
EOH 125m
(-49)

BG10-50
EOH 131m
(-52.5)

BG11-131
EOH 141m
(-65)

BG11-130
EOH 195m
(-60)

BG10-71
EOH 171m
(-78.2)

Legend for DDH

Hole/ID
Lithology Trace Shade
gAuT Text
Structure Trace Shade
EOH

Legend for Assay

0.3 - 0.5
0.5 - 1
1 - 3
3 - 10
10 - 1000
(gAu/t)

Legend for Lithology

- Overburden
- Diabase
- Felsic Dyke
- Intermediate Dyke
- Quartz-Feldspar Porphyry
- Feldspar Porphyry
- Lamprophyre
- Syenite
- Porphyrite
- Conglomerate
- Wacke
- Trachyte-Amygdaloidal
- Trachyte, Porphyritic
- Tuff
- Crystal Tuff
- Lapilli Tuff
- Arenite
- Opening

QUEENSTON MINING INC.

Lebel Gold Project
Bidgood Cross Section 07
BG10-50, 51, 63, 67, 71,
BG11-123, 129, 130, 131
View 55 azm

Date:11/9/2012
Author: CM
Office: KL
Drawing:
Scale: 1:500
Projection: Non-Earth (meters)

0 7.5 15 30
metres

Mining Claim
L9882

Mining Claim
CLM327

Mining Claim
L9891

145 azm

300mRL
250mRL
200mRL
150mRL
100mRL

580850mE
5336600mN
5335550mN
580900mE
5335500mN
580950mE
5335450mN
581000mE
5335350mN

BG11-132
EOH 162m
(-53.42)

BG11-114
EOH 45m
(-72)

BG11-113A
EOH 72m
(-72)

BG11-113
EOH 81m
(-45)

BG11-114A
EOH 39m
(-53.7)

BG11-117
EOH 93m
(-45)

BG11-120
EOH 168m
(-45.92)

BG11-115
EOH 201m
(-61.32)

BG11-116
EOH 216m
(-62.06)

BG11-119
EOH 250m
(-68.48)

Legend for DDH

Lithology
Trace Shade

Structure
Trace Shade

HoleID

gAu/t
Text

EOH

Legend for Assay

0.3 - 0.5
0.5 - 1
1 - 3
3 - 10
10 - 1000
(gAu/t)

Legend for Lithology

- Overburden
- Diabase
- Felsic Dyke
- Intermediate Dyke
- Quartz-Feldspar Porphyry
- Feldspar Porphyry
- Lamprophyre
- Syenite
- Porphyrite
- Conglomerate
- Wacke
- Trachyte-Amygdaloidal
- Trachyte, Porphyritic
- Tuff
- Crystal Tuff
- Lapilli Tuff
- Arenite
- Opening

QUEENSTON MINING INC.

Lebel Gold Project
Bidgood Cross Section 08
BG11-113, 113A, 114, 114A,
115, 116, 117, 119, 120, 132
View 55 azm

Date:11/9/2012
Author: CM
Office: KL
Drawing:
Scale: 1:500
Projection: Non-Earth (meters)

0 7.5 15 30
metres

5335350mN
580700mE
350mRL
300mRL
250mRL
200mRL
150mRL
100mRL
Mining Claim
L9882
Mining Claim
CLM327
145 azm
0.41
0.41
0.55
0.48
1.1
0.96
0.83
0.96
0.48
0.83
0.89
6.27
0.96
0.82
0.96
0.41
0.55
0.62
3.39
3.46
2.02
0.55
0.96
2.67
BG11-142
EOH 141m
(-45)
0.62
0.69
2.16
0.55
0.55
0.62
0.62
,BG11-141
,EOH 218m
,(-45)
4.46
0.62
0.41
0.48
0.89
0.96
0.75
BG11-140
EOH 201m
(-66)
Legend for DDH
HoleID
Lithology
Trace Shade
Structure
Trace Shade
gAu/t
Text
EOH
Legend for Assay
0.3 - 0.5
0.5 - 1
1 - 3
3 - 10
10 - 1000
(gAu/t)
Legend for Lithology
Overburden
Diabase
Felsic Dyke
Intermediate Dyke
Quartz-Feldspar Porphyry
Feldspar Porphyry
Lamprophyre
Syenite
Porphyrite
Conglomerate
Wacke
Trachyte-Amygdaloidal
Trachyte, Porphyritic
Tuff
Crystal Tuff
Lapilli Tuff
Arenite
Opening
QUEENSTON MINING INC.
Lebel Gold Project
Bidgood Cross Section 09
BG11-140, 141, 142
View 55 azm
Date:11/9/2012
Author: CM
Office: KL
Drawing:
Scale: 1:500
Projection: Non-Earth (meters)
0
5
10
20
metres

5807700mE
5535500mN
5535450mN
5807750mE
5535400mN
5808000mE
5535350mN
5535300mN
5808050mE
5535250mN
5808000mE

350mRL
300mRL
250mRL
200mRL
150mRL

Mining Claim
L9882

Mining Claim
CLM327

145 azm

BG11-147
EOH 84m
(-59.35)

BG11-149
EOH 81m
(-75)

BG11-148
EOH 102m
(-45)

BG11-144
EOH 120m
(-60)

BG11-146
EOH 150m
(-45)

BG11-145
EOH 147m
(-75)

BG11-143
EOH 231m
(-42)

Legend for DDH

HoleID
Lithology Trace Shade
gAu/t Text
Structure Trace Shade
EOH

Legend for Assay

0.3 - 0.5
0.5 - 1
1 - 3
3 - 10
10 - 1000
(gAu/t)

Legend for Lithology

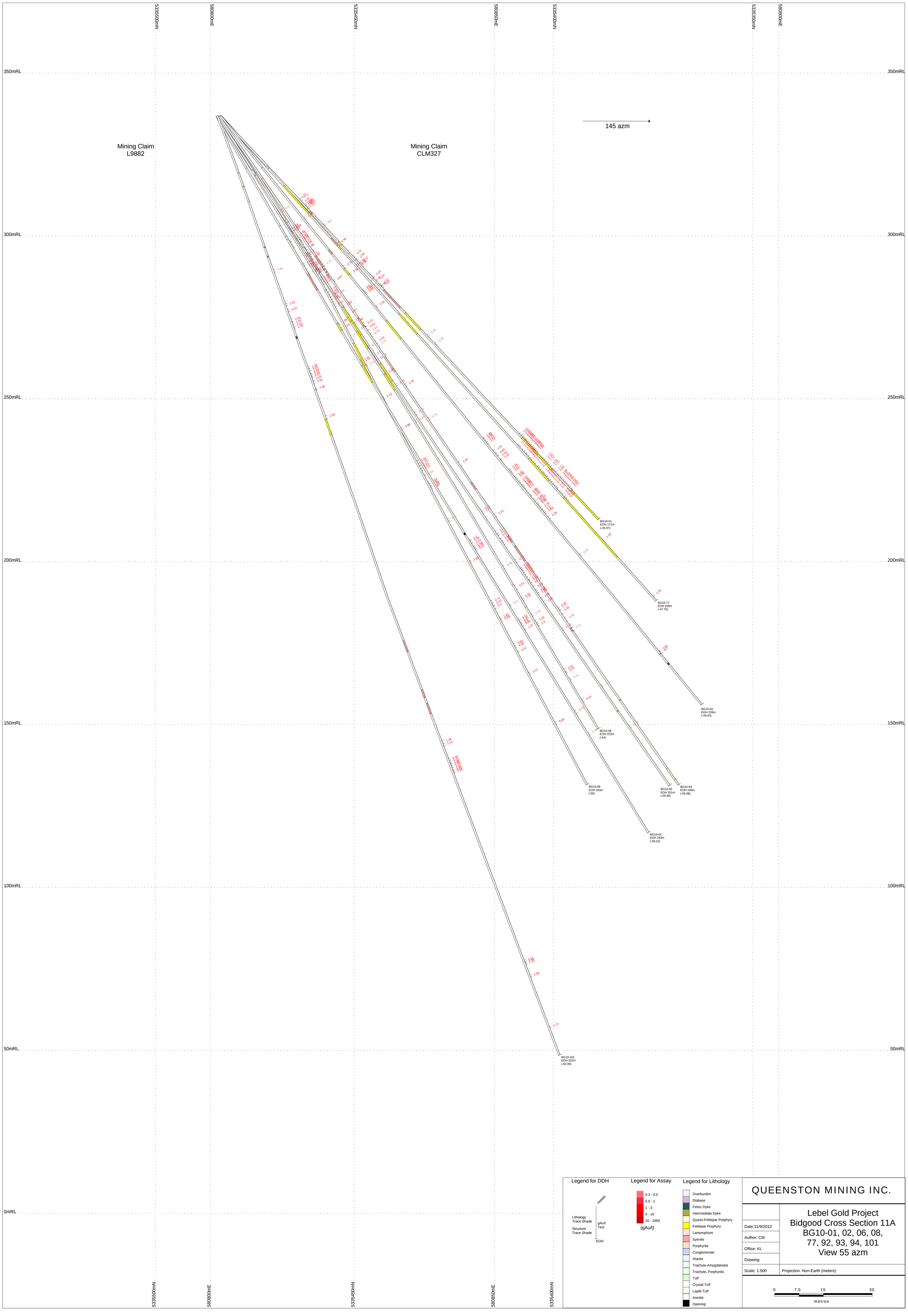
- Overburden
- Diabase
- Felsic Dyke
- Intermediate Dyke
- Quartz-Feldspar Porphyry
- Feldspar Porphyry
- Lamprophyre
- Syenite
- Porphyrite
- Conglomerate
- Wacke
- Trachyte-Amygdaloidal
- Trachyte, Porphyritic
- Tuff
- Crystal Tuff
- Lapilli Tuff
- Arenite
- Opening

QUEENSTON MINING INC.

Lebel Gold Project
Bidgood Cross Section 10
BG11-143, 144, 145,
146, 147, 148, 149
View 55 azm

Date:11/9/2012
Author: CM
Office: KL
Drawing:
Scale: 1:500
Projection: Non-Earth (meters)

0 7.5 15 30
metres



Legend for DDH

HoleID

Lithology
Trace Shade

Structure
Trace Shade

gAu/t
Text

EOH

Legend for Assay

0.3 - 0.5
0.5 - 1
1 - 3
3 - 10
10 - 1000
(gAu/t)

Legend for Lithology

- Overburden
- Diabase
- Felsic Dyke
- Intermediate Dyke
- Quartz-Feldspar Porphyry
- Feldspar Porphyry
- Lamprophyre
- Syenite
- Porphyrite
- Conglomerate
- Wacke
- Trachyte-Amygdaloidal
- Trachyte, Porphyritic
- Tuff
- Crystal Tuff
- Lapilli Tuff
- Arenite
- Opening

QUEENSTON MINING INC.

Lebel Gold Project
Bidgood Cross Section 11A
BG10-01, 02, 06, 08,
77, 92, 93, 94, 101
View 55 azm

Date:11/9/2012

Author: CM

Office: KL

Drawing:

Scale: 1:500

Projection: Non-Earth (meters)

0 7.5 15 30

metres

Mining Claim
L9882

Mining Claim
CLM327

145 azm

BG10-80
EOH 55.25m
(-47)

BG10-90
EOH 63m
(-49.53)

BG10-76
EOH 180m
(-47.08)

BG10-72
EOH 197m
(-44.38)

BG10-73
EOH 195m
(-47.35)

BG10-78
EOH 225m
(-47.19)

BG10-79
EOH 201m
(-57.19)

BG10-86
EOH 258m
(-61.42)

300mRL
250mRL
200mRL
150mRL
100mRL

5907750mE
5335550mN
5335550mN
5908050mE
5335450mN
5335450mN
5908350mE
5335450mN
5335350mN
5908650mE
5335350mN
5908950mE

Legend for DDH

Lithology
Trace Shade
HoleID
gAu/t
Text
Structure
Trace Shade
EOH

Legend for Assay

0.3 - 0.5
0.5 - 1
1 - 3
3 - 10
10 - 1000
(gAu/t)

Legend for Lithology

- Overburden
- Diabase
- Felsic Dyke
- Intermediate Dyke
- Quartz-Feldspar Porphyry
- Feldspar Porphyry
- Lamprophyre
- Syenite
- Porphyrite
- Conglomerate
- Wacke
- Trachyte-Amygdaloidal
- Trachyte, Porphyritic
- Tuff
- Crystal Tuff
- Lapilli Tuff
- Arenite
- Opening

QUEENSTON MINING INC.

Lebel Gold Project
Bidgood Cross Section 11B
BG10-72, 73, 76,
78, 79, 80, 86, 90
View 55 azm

Date:11/9/2012
Author: CM
Office: KL
Drawing:
Scale: 1:500
Projection: Non-Earth (meters)

0 7.5 15 30
metres

5335550mN
5809850mE
5335500mN
5809900mE
5335450mN
5335400mN
5809950mE
5335350mN
5810000mE
5335300mN

350mRL
300mRL
250mRL
200mRL
150mRL
100mRL

Mining Claim
L9882

Mining Claim
CLM327

Mining Claim
L9891

145 azm

BG11-108
EOH 45m
(-58.78)

BG11-112
EOH 50m
(-55)

BG11-112A
EOH 52m
(-55)

BG10-70
EOH 49m
(-59)

BG11-111
EOH 120m
(-37.27)

BG11-109
EOH 156m
(-39.43)

BG11-110
EOH 208m
(-55.56)

Legend for DDH

HWND
Lithology Trace Shade
gAu/t Text
Structure Trace Shade
EOH

Legend for Assay

0.3 - 0.5
0.5 - 1
1 - 3
3 - 10
10 - 1000
(gAu/t)

Legend for Lithology

- Overburden
- Diabase
- Felsic Dyke
- Intermediate Dyke
- Quartz-Feldspar Porphyry
- Feldspar Porphyry
- Lamprophyre
- Syenite
- Porphyrite
- Conglomerate
- Wacke
- Trachyte-Amygdaloidal
- Trachyte, Porphyritic
- Tuff
- Crystal Tuff
- Lapilli Tuff
- Arenite
- Opening

QUEENSTON MINING INC.

Lebel Gold Project
Bidgood Cross Section 12A
BG10-70, BG11-108, 109,
110, 111, 112, 112A
View 55 azm

Date:12/9/2012	
Author: CM	
Office: KL	
Drawing:	
Scale: 1:500	Projection: Non-Earth (meters)

0 7.5 15 30
metres

5335550mN
580850mE
5335500mN
580900mE
5335450mN
5335400mN
580950mE

Mining Claim
L9882

Mining Claim
L9891

145 azm

300mRL
250mRL
200mRL

BG11-173
EOH 29.9m
(-73)

BG11-165
EOH 80m
(-52)

BG11-168
EOH 92m
(-52)

BG11-167
EOH 80m
(-76.5)

BG11-166
EOH 83m
(-68)

BG11-171
EOH 103m
(-52)

BG11-172
EOH 125m
(-65)

BG11-169
EOH 131m
(-65)

BG11-170
EOH 153.4m
(-73)

Legend for DDH

HoleID
Lithology Trace Shade
gAu/t Text
Structure Trace Shade
EOH

Legend for Assay

(gAu/t)

- 0.3 - 0.5
- 0.5 - 1
- 1 - 3
- 3 - 10
- 10 - 1000

Legend for Lithology

- Overburden
- Diabase
- Felsic Dyke
- Intermediate Dyke
- Quartz-Feldspar Porphyry
- Feldspar Porphyry
- Lamprophyre
- Syenite
- Porphyrite
- Conglomerate
- Wacke
- Trachyte-Amygdaloidal
- Trachyte, Porphyritic
- Tuff
- Crystal Tuff
- Lapilli Tuff
- Arenite
- Opening

QUEENSTON MINING INC.

Lebel Gold Project
Bidgood Cross Section 12B
BG11-165, 166, 167, 168, 169, 170, 171, 172, 173
View 55 azm

Date:12/9/2012
Author: CM
Office: KL
Drawing:
Scale: 1:500
Projection: Non-Earth (meters)

0 7.5 15 30
metres

Mining Claim
L9882

Mining Claim
CLM327

Mining Claim
L9891

145 azm

BG10-69
EOH 42m
(-52)

BG10-61
EOH 81m
(-45)

BG10-62
EOH 81m
(-45)

BG10-68
EOH 90m
(-48)

BG11-154
EOH 165m
(-76.5)

BG11-161
EOH 281m
(-55)

BG11-162
EOH 281m
(-57.85)

300mRL
250mRL
200mRL
150mRL
100mRL

5336500mN
5335550mN
5335500mN
5335450mN
5335400mN
5335350mN
5335300mN

580850mE
580900mE
580950mE
581000mE
581050mE

Legend for DDH

Lithology Trace Shade
Structure Trace Shade
HoleID
gAu/t Text
EOH

Legend for Assay

0.3 - 0.5
0.5 - 1
1 - 3
3 - 10
10 - 1000
(gAu/t)

Legend for Lithology

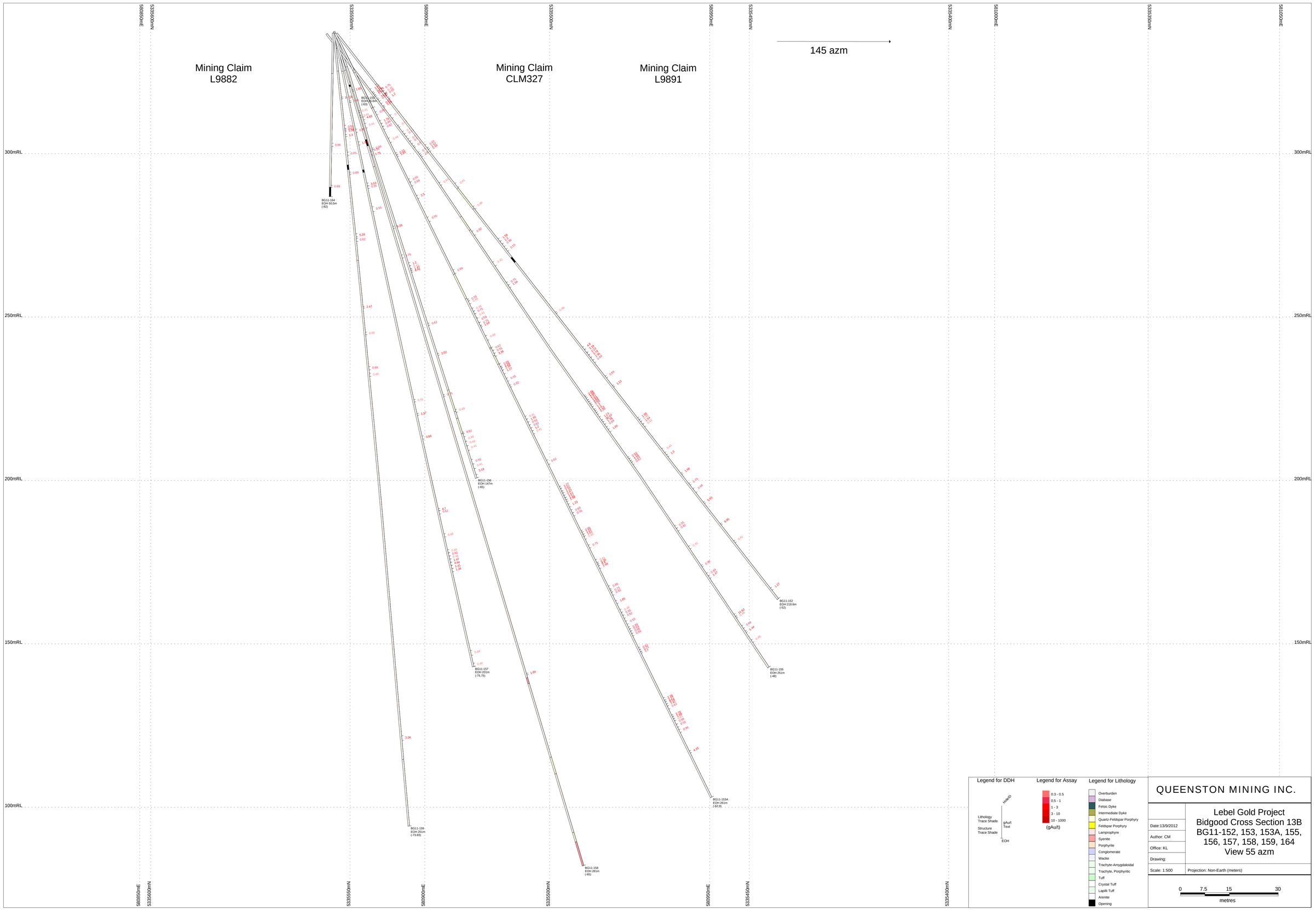
- Overburden
- Diabase
- Felsic Dyke
- Intermediate Dyke
- Quartz-Feldspar Porphyry
- Feldspar Porphyry
- Lamprophyre
- Syenite
- Porphyrite
- Conglomerate
- Wacke
- Trachyte–Amygdaloidal
- Trachyte, Porphyritic
- Tuff
- Crystal Tuff
- Lapilli Tuff
- Arenite
- Opening

QUEENSTON MINING INC.

Lebel Gold Project
Bidgood Cross Section 13A
BG10-61, 62, 68, 69
BG11-154, 161, 162
View 55 azm

Date:13/9/2012	
Author: CM	
Office: KL	
Drawing:	
Scale: 1:500	Projection: Non-Earth (meters)

0 7.5 15 30
metres



QUEENSTON MINING INC.

Lebel Gold Project
Bidgood Cross Section 13B
BG11-152, 153, 153A, 155, 156, 157, 158, 159, 164
View 55 azm

Date:13/9/2012	
Author: CM	
Office: KL	
Drawing:	
Scale: 1:500	Projection: Non-Earth (meters)

0 7.5 15 30
metres

Mining Claim
L9882

Mining Claim
L9891

145 azm

BG10-64
EOH 81m
(-45)

BG10-96
EOH 65m
(-59)

BG10-55
EOH 81m
(-42)

BG10-57
EOH 81m
(-44)

BG10-60
EOH 81m
(-45)

BG10-95
EOH 90m
(-42)

BG10-97
EOH 90m
(-46)

BG10-54
EOH 81m
(-59)

BG10-75
EOH 90m
(-66)

BG10-98
EOH 111m
(-61)

BG10-29
EOH 162m
(-59)

BG10-32
EOH 162m
(-64)

BG10-19
EOH 354m
(-74.75)

BG10-43
EOH 420m
(-66.13)

BG10-44
EOH 519m
(-69)

Legend for DDH

Lithology
Trace Shade

Structure
Trace Shade

HoleID

gAu/t
Text

EOH

Legend for Assay

0.3 - 0.5
0.5 - 1
1 - 3
3 - 10
10 - 1000
(gAu/t)

Legend for Lithology

- Overburden
- Diabase
- Felsic Dyke
- Intermediate Dyke
- Quartz-Feldspar Porphyry
- Feldspar Porphyry
- Lamprophyre
- Syenite
- Porphyrite
- Conglomerate
- Wacke
- Trachyte-Amygdaloidal
- Trachyte, Porphyritic
- Tuff
- Crystal Tuff
- Lapilli Tuff
- Arenite
- Opening

QUEENSTON MINING INC.

Lebel Gold Project
Bidgood Cross Section 14
BG10-19, 29, 32, 43, 44,
54, 55, 57, 60, 64, 75, 95,
96, 97, 98
View 55 azm

Date:13/9/2012

Author: CM

Office: KL

Drawing:

Scale: 1:500

Projection: Non-Earth (meters)

0 7.5 15 30
metres

Mining Claim
L7593

Mining Claim
L9882

145 azm

BG10-42
EOH 228m
(-90)

BG10-52
EOH 348m
(-67)

BG11-178
EOH 261.3m
(-72)

BG11-182
EOH 230m
(-72)

Legend for DDH

Lithology Trace Shade

Structure Trace Shade

Hole ID

Au/t Test

EOH

Legend for Assay

(gAu/t)

- 0.3 - 0.5
- 0.5 - 1
- 1 - 3
- 3 - 10
- 10 - 1000

Legend for Lithology

- Overburden
- Diabase
- Felsic Dyke
- Intermediate Dyke
- Quartz-Feldspar Porphyry
- Feldspar Porphyry
- Lamprophyre
- Syenite
- Porphyrite
- Conglomerate
- Wacke
- Trachyte-Amygdaloidal
- Trachyte, Porphyritic
- Tuff
- Crystal Tuff
- Lapilli Tuff
- Ansnite
- Opening

QUEENSTON MINING INC.

Lebel Gold Project
Bidgood Cross Section 15
BG10-42, 52, 56, 65, 66, 99, 100
102, 103, 104, 105, BG11-174,
175, 176, 177, 178, 179, 180, 182
View 55 azm

Date:13/9/2012	
Author: CM	
Office: KL	
Drawing:	
Scale: 1:500	Projection: Non-Earth (meters)

9 7.5 15 30
meters

Mining Claim
L7593

Mining Claim
L9886

Mining Claim
L9882

145 azm

BG10-49
EOH 186m
(-47)

BG10-48
EOH 270m
(-67)

BG10-17
EOH 369m
(-66)

BG10-04
EOH 390m
(-7)

BG10-18C
EOH 417m
(-65)

BG10-03
EOH 442.4m
(-68)

BG10-20
EOH 420m
(-66)

BG10-38
EOH 438m
(-62)

BG10-36
EOH 462m
(-66)

BG10-05
EOH 455m
(-65)

BG10-07
EOH 525m
(-61.7)

Legend for DDH

Lithology Trace Shade
Structure Trace Shade
HoleID
gAu/t Text
EOH

Legend for Assay

(gAu/t)

0.3 - 0.5
0.5 - 1
1 - 3
3 - 10
10 - 1000

Legend for Lithology

- Overburden
- Diabase
- Felsic Dyke
- Intermediate Dyke
- Quartz-Feldspar Porphyry
- Feldspar Porphyry
- Lamprophyre
- Syenite
- Porphyrite
- Conglomerate
- Wacke
- Trachyte-Amygdaloidal
- Trachyte, Porphyritic
- Tuff
- Crystal Tuff
- Lapilli Tuff
- Arenite
- Opening

QUEENSTON MINING INC.

Lebel Gold Project
Bidgood Cross Section 16
BG10-03, 04, 05, 07, 17, 18, 18B, 18C, 20, 36, 38, 48, 49
View 55 azm

Date:14/9/2012	
Author: CM	
Office: KL	
Drawing:	
Scale: 1:500	Projection: Non-Earth (meters)

0 7.5 15 30
metres

5336200mN 580500mE
5336100mN 580600mE
5336000mN 580700mE
5335900mN 580800mE
5335800mN 580900mE
5335700mN 581000mE
5335500mN 581100mE

300mRL
200mRL
100mRL
0mRL
-100mRL
-200mRL
-300mRL
-400mRL
-500mRL
-600mRL
-700mRL
-800mRL
-900mRL
-1000mRL

Mining Claim L9031
Mining Claim L6872
Mining Claim L7592
Mining Claim L7593
Mining Claim L9882

145 azm

BG11-160
EOH 609m
(-61)

BG11-91
EOH 699m
(-61)

BG11-85
EOH 693m
(-61)

BG11-88
EOH 792m
(-57)

BG11-87
EOH 702m
(-70.53)

BG11-163
EOH 1285.5m
(-81.39)

Legend for DDH

Lithology
Trace Shade
Structure
Trace Shade

HoleID
gAu/t
Text
EOH

Legend for Assay

0.3 - 0.5
0.5 - 1
1 - 3
3 - 10
10 - 1000
(gAu/t)

Legend for Lithology

- Overburden
- Diabase
- Felsic Dyke
- Intermediate Dyke
- Quartz-Feldspar Porphyry
- Feldspar Porphyry
- Lamprophyre
- Syenite
- Porphyrite
- Conglomerate
- Wacke
- Trachyte-Amygdaloidal
- Trachyte, Porphyritic
- Tuff
- Crystal Tuff
- Lapilli Tuff
- Arenite
- Opening

QUEENSTON MINING INC.

Lebel Gold Project
Bidgood Cross Section 17
BG11-85, 87, 88, 91, 160, 163
View 55 azm

Date:14/9/2012	
Author: CM	
Office: KL	
Drawing:	
Scale: 1:1000	Projection: Non-Earth (meters)

0 25 50
metres

581600mE
5335350mN
5335300mN
581650mE
5335250mN
581700mE
5335200mN
350mRL
300mRL
250mRL
200mRL
150mRL
100mRL
50mRL
0mRL
146 azm
Mining Claim
CLM327
B10-17
B09-15
B09-10
B10-19
B10-35
B10-36
B09-08
B09-09
B10-37
B09-06
B09-05
B09-07
B09-01
B10-34
B10-18
BZ11-41
EOH 62m
(-42)
BZ11-42
EOH 72m
(-42)
BZ11-43
EOH 254m
(-42)
BZ11-44
EOH 245m
(-53)
BZ11-45
EOH 344m
(-53)

Legend for DDH

HoleID
Lithology Trace Shade
Structure Trace Shade
gAu/t Text
EOH

Legend for Assay

0.3 - 0.5
0.5 - 1
1 - 3
3 - 10
10 - 1000
(gAu/t)

Legend for Lithology

- Overburden
- Diabase
- Felsic Dyke
- Intermediate Dyke
- Quartz-Feldspar Porphyry
- Feldspar Porphyry
- Lamprophyre
- Syenite
- Porphyrite
- Conglomerate
- Wacke
- Trachyte-Amygdaloidal
- Trachyte, Porphyritic
- Tuff
- Crystal Tuff
- Lapilli Tuff
- Arenite
- Opening

QUEENSTON MINING INC.

Lebel Gold Project
Boundary Zone Cross Section 0
BZ11-41, 42, 43, 44, 45
View 56 azm

Date:1/8/2012
Author: CM
Office: KL
Drawing:
Scale: 1:500
Projection: Non-Earth (meters)

0 7.5 15 30
metres

581700mE
5335450mN
5335400mN
581750mE
5335350mN
581800mE
5335300mN
5335250mN

350mRL
300mRL
250mRL
200mRL
150mRL
100mRL
50mRL
0mRL

Mining Claim
CLM327

Mining Claim
L6873

146 azm

B09-13A
B10-21
B10-22
B10-23
B09-04
B09-10
B10-24
B09-13B
B10-25
B10-33
B10-16
B09-11
B09-12
B10-20
BZ11-39
EOH 113m
(-59)
BZ11-38
EOH 122m
(-57)
BZ11-46
EOH 139m
(-54)
B10-31
BZ11-40
EOH 215m
(-61.5)

Legend for DDH

HoleID
Lithology Trace Shade
Structure Trace Shade
gAu/t Text
EOH

Legend for Assay

0.3 - 0.5
0.5 - 1
1 - 3
3 - 10
10 - 1000
(gAu/t)

Legend for Lithology

- Overburden
- Diabase
- Felsic Dyke
- Intermediate Dyke
- Quartz-Feldspar Porphyry
- Feldspar Porphyry
- Lamprophyre
- Syenite
- Porphyrite
- Conglomerate
- Wacke
- Trachyte-Amygdaloidal
- Trachyte, Porphyritic
- Tuff
- Crystal Tuff
- Lapilli Tuff
- Arenite
- Opening

QUEENSTON MINING INC.

Lebel Gold Project
Boundary Zone Cross Section 0
BZ11-38, 39, 40, 46
View 56 azm

Date:1/8/2012
Author: CM
Office: KL
Drawing:
Scale: 1:500
Projection: Non-Earth (meters)

0 5 10 20
metres

5336300mN
578900mE
5335200mN
5335100mN
579000mE
5335000mN
579100mE
5334900mN
5334800mN
579200mE
5334700mN
5334600mN
579300mE
5334500mN

400mRL
300mRL
200mRL
100mRL
0mRL
-100mRL
-200mRL
-300mRL
-400mRL
-500mRL
-600mRL
-700mRL
-800mRL
-900mRL

Mining Claim L3095
Mining Claim 1220180
Mining Claim L8027
Mining Claim L8005
Mining Claim L6796
Mining Claim 1219943

150 azm

ML11-05
EOH 139m
(-54)

ML11-04
EOH 201m
(-48)

ML11-07
EOH 202m
(-56)

ML11-06
EOH 237m
(-54)

L808-44

ML84-1

L809-46

L809-51

06-LB-015

LB08-43

The Upper section of Drill Hole ML11-08 was originally Drill Hole LB08-43. ML11-08 is a continuation of original Drill Hole

ML11-08
EOH 631m
(-45)

LB08-35

LB08-36

ML11-09
EOH 675m
(-60)

ML11-13
EOH 1004.35m
(-69)

Legend for DDH

HoleID
Lithology Trace Shade
gAu/t Text
Structure Trace Shade
EOH

Legend for Assay

0.3 - 0.5
0.5 - 1
1 - 3
3 - 10
10 - 1000
(gAu/t)

Legend for Lithology

- Overburden
- Diabase
- Felsic Dyke
- Intermediate Dyke
- Quartz-Feldspar Porphyry
- Feldspar Porphyry
- Lamprophyre
- Syenite
- Porphyrite
- Conglomerate
- Wacke
- Trachyte-Amygdaloidal
- Trachyte, Porphyritic
- Tuff
- Crystal Tuff
- Lapilli Tuff
- Arenite
- Opening

QUEENSTON MINING INC.

Lebel Gold Project
Mud Lake Cross Section 01
ML11-04, 05, 06,
07, 08, 09, 13
View 60 azm

Date:28/6/2012
Author: CM
Office: KL
Drawing:
Scale: 1:1250
Projection: Non-Earth (meters)

0 20 40 80
metres

Mining Claim
L8005

Mining Claim
L3250

Mining Claim
CLM327

150 azm

400mRL
300mRL
200mRL
100mRL
0mRL
-100mRL
-200mRL
-300mRL

5795200mE
5335300mN
5335200mN
5796000mE
5335100mN
5335000mN
5797000mE
5334900mN
5797800mE
5334800mN
5798600mE
5334700mN
5799400mE
5334600mN
5800200mE
5334500mN

L808-46
ML11-03
EOH 152m
(-60)
L808-47
ML11-01
EOH 564m
(-55)
ML11-02
EOH 523m
(-50)
L809-33
ML11-11
EOH 73m
(-45)
ML11-11A
EOH 180m
(-58)
ML11-10
EOH 75m
(-65)
ML11-12
EOH 150m
(-50)

Legend for DDH

Lithology
Trace Shade
Structure
Trace Shade
HWCD
gAuA
TAM
EOH

Legend for Assay

(gAuA)
0.3 - 0.5
0.5 - 1
1 - 3
3 - 10
10 - 1000

Legend for Lithology

- Overburden
- Diabase
- Felsic Dyke
- Intermediate Dyke
- Quartz-Feldspar Porphyry
- Feldspar Porphyry
- Lamprophyre
- Syenite
- Porphyritic
- Conglomerate
- Wacke
- Trachyte-Amygdaloidal
- Trachyte, Porphyritic
- Tuff
- Crystal Tuff
- Lapilli Tuff
- Arenite
- Opening

QUEENSTON MINING INC.

Lebel Gold Project
Mud Lake Cross Section 02
ML11-01, 02, 03,
10, 11, 11A, 12
View 60 azm

Date:31/7/2012
Author: CM
Office: KL
Drawing:
Scale: 1:1000
Projection: Non-Earth (metres)

0 25 50
metres