GOLDBANKS GOLD PROPERTY

DIAMOND DRILL PROGRAM

March to May 2010

Teck Township, Ontario

Larder Lake Mining Division, NTS 42/01

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SUMMARY

Between March and May 2010, 952 m was cored from eight diamond drillholes identified as GB10-01 to -08 inclusive on the Goldbanks Gold Property in Teck Township, Larder Lake Mining Division, Ontario.

The drill program was designed to test targets that included ’05 Break – for near surface locational determination of the ’05 Break in preparation for deeper drilling, and to test the McIvor and Goldbanks Breaks.

Observations and recommendations, as a result of this drilling, are provided in this report.

INTRODUCTION

The Goldbanks Gold Property, located in the Kirkland Gold Camp, Teck Township, Ontario consists of six leases and two staked claims totaling 10 units with an approximate area of 166 hectares.

On April 30, 2008, a junior exploration company Vault Minerals Inc. ("Vault") entered into an option agreement for the six leases which involved 12 individuals/estates. On September 24, 2008 Vault consummated two more option agreements for the two staked claims from 5 individuals and one numbered company.

Between April 30, 2008 and April 16, 2010 Vault completed the following exploration activities;

i) Desktop compilation of historical work and data transfer into GIS[1] format.
ii) 15.7 km cut line field grid[2] with 100 m spaced lines, with pickets at 25 m intervals, and consisting of one baseline and two tie-lines.
iii) Walking magnetometer survey[2].
iv) Surface mapping and sampling.[3]
v) Overburden stripping, washing, channel / grab sampling and mapping of eight areas identified as TR09-1 through to TR09-8 with an approximate combined stripped area totaling 2,064 m^2 with approximately 4,030 m^3.

As provided in the 2009 Overburden Stripping, Sampling and Mapping Report[4], it was recommended that the Goldbanks and '05 fault structures (locally described as "Breaks") be tested with diamond drilling.

As per this report, between March and April 2011, eight diamond drillholes were designed and completed testing the Goldbanks, '05 and McIvor fault structures.

On April 20, 2010, Vault merged with Queenston Mining Inc. ('Queenston") whereby Queenston acquired all of Vault's Properties and associate underlying Option Agreements, including the Goldbanks Property.

On December 17, 2010, Queenston and West Kirkland Mining Inc. entered into an Option Agreement on the Goldbanks Property, whereby West Kirkland will continue exploration activities on the Property as per provisions outlined in the Agreement as well as those provisions in the Underlying Option Agreement with original vendors to Vault.

[1] GIS format: MapInfo/Discover.
[2] Assessment File: Larder Geophysics Ltd. "Magnetometer Survey Over the Goldbanks Grid" for Vault Minerals Inc. September 2008.
[3] Assessment File: Sutton, Mike. "2008 Mapping/Walking Magnetics Programs August to November 2008" for Vault Minerals Inc. April 2009.
[4] Assessment File: McCormack, Dan. "2009 Overburden Stripping-Mapping-Sampling July to November 2009" for Vault Minerals Inc. December 2009.

TERMS OF REFERENCE

This report is written by Daniel J. McCormack, who at the time of the exploration activities as outlined in this report, held the position of Vice President and Director of Vault.

The writer's involvement in the program included notification of the surface rights owner, supervision of diamond drill activities, drillhole design, core logging, sample de-marking and shipping, and supervision of recording results into electronic format.

Michael W. Sutton, who at the time of the exploration activities as outlined in this report, held the position of Vice President of Exploration for Vault, was responsible for the design & location of the diamond drill collars, supervision of diamond drill activities, sample de-marking and chain of custody, core logging and supervision of recording results into electronic format.

Map projections are in UTM, North American Datum 83, Zone 17 unless stated otherwise.

The report contains the following contractions; 'gAu/t'= grams gold per tonne, 'oz. Au/ton' = troy ounces gold per short ton, 'km' = kilometre, 'm' = metre, 'ft.' = foot, 'in.' or '"'= inch, 'ddh' = diamond drillhole, 'approx.' = approximately, 'azm.' = azimuth and 'Ma' = million years ago.

PROPERTY LOCATION AND ACCESS

The Goldbanks property is located in northeastern Ontario, Teck Township, Larder Lake Mining Division, District of Timiskaming, NTS 42/01, see figures 1 & 2. The claims are located within the Municipality of Kirkland Lake. For location reference, the SE corner of mining claim L531976 has UTM NAD83 coordinates; easting 565788 and northing 5331183.

Table 1

Twp.	Claim/Lease Number	Registered as Instrument #	Tenure Type	Mining Claim(s)	Parcel Register	Hectares	Expiry Date
Teck	104797	TC 7066	lease	L446401	5536 SEC LTIM	22.6	28 Feb 2029
Teck	105362	TC 7248	lease	L495925 L495926	5615 SEC LTIM	32.2	31 July 2031
Teck	106069	LT 267505	lease	L495929	5653 SEC LTIM	11.2	1 Jan 2012
Teck	106701	LT 281805	lease	L531976 L531977	5673 SEC LTIM	46.4	1 Jun 2012
Teck	106700	LT 281807	lease	L531983	5675 SEC LTIM	10.7	1 Jun 2012
Teck	106702	LT 281806	lease	L571400	5674 SEC LTIM	14.6	1 Nov 2012
Teck	L3013133		staked			9.1	1 June 2014
Teck	L1206267		staked			19.2	5 June 2012

Access to the property is gained by All Terrain Vehicle using bush roads and paths exiting south from Goldthorpe Road that transects the property. A trail that connects the Goldthorpe road to the hamlet of Swastika provides access to the east and south regions of the property.



Figure 1

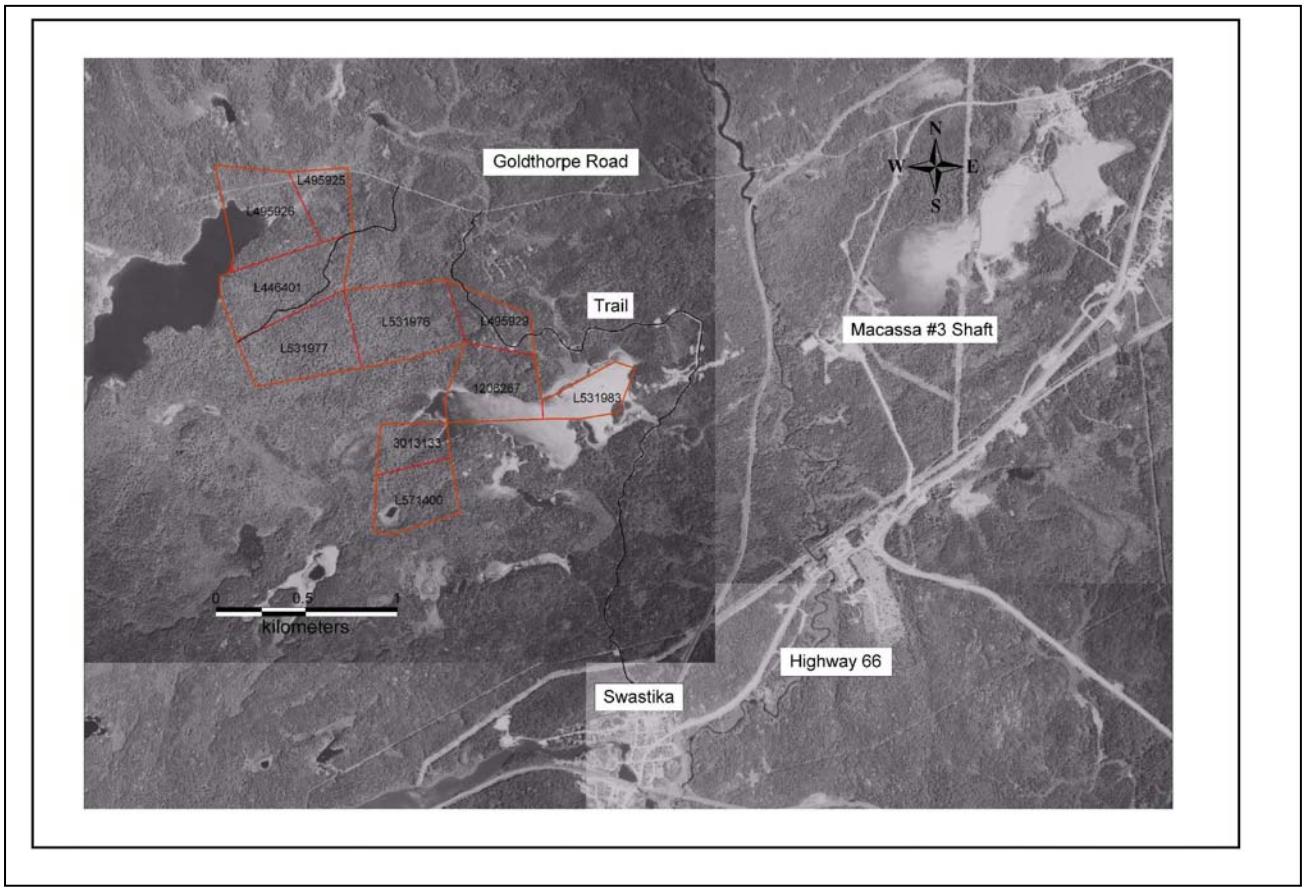


Figure 2

GEOLOGICAL SETTING

General geology, deformational fabrics and 'ore controlling faults' are best described by an Ontario Geologic Survey Open File Report[5] pages 53 to 125 entitled 'Teck Township Transect'. The structural setting in the Kirkland Lake mining camp has been recently studied by David Rhys[6], Panterra Geoservices Inc. in a published study for Kirkland Lake Gold Inc[7]. A Teck Township regional geology map[8], (1 in. to 1,000 ft. scale) and a 1:500 scale map[9] provide observed & interpreted lithology and general structural data on the property.

The property is underlain by Blake River Assemblage tholeiitic, pillowed mafic volcanic rocks (2704 to 2701 Ma)[10], Timiskaming conglomerate & greywacke & volcanic tuffs (2676 to 2670 Ma), and syenite plus basic intrusives (2695 to 2670 Ma).

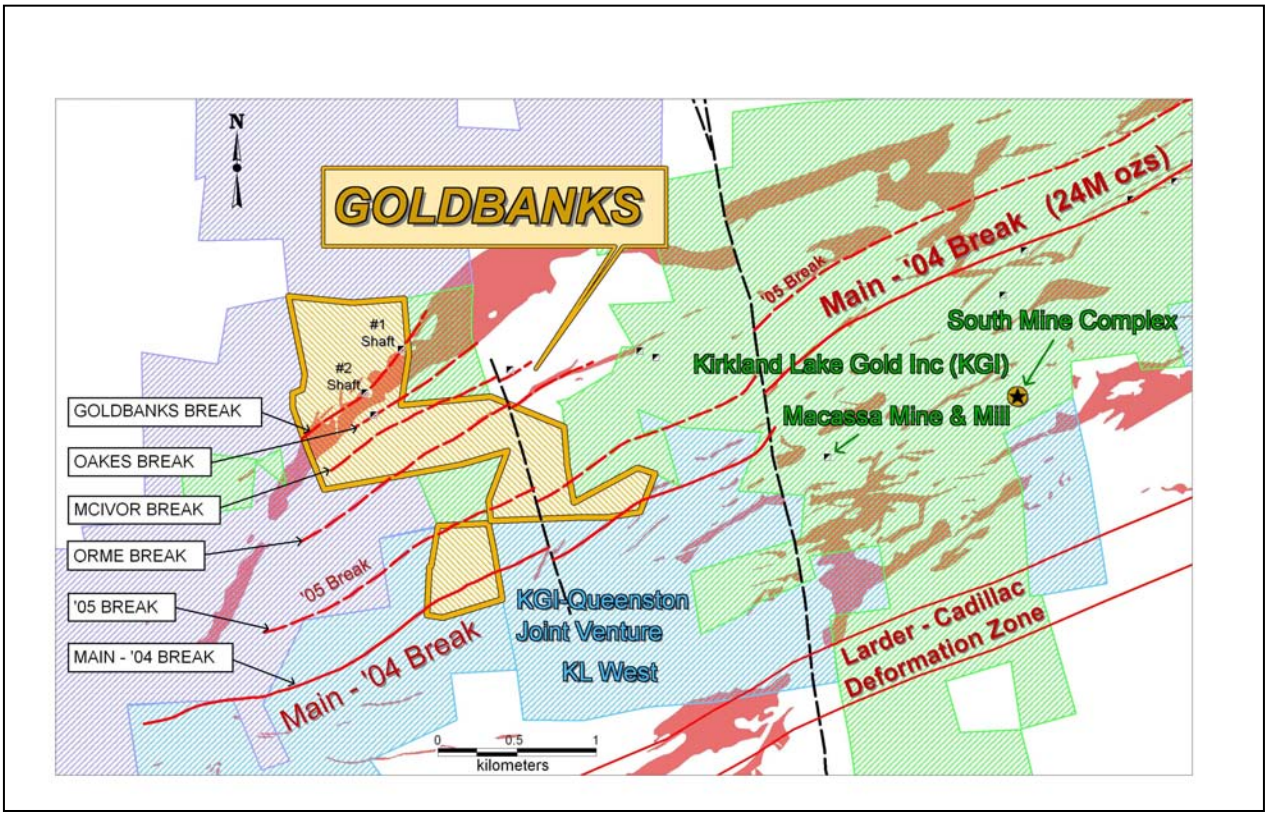


Figure 3

[5] Ontario Geological Survey. Open File Report 6159. "Geology, Structure and Gold Mineralization, Kirkland Lake and Larder Lake Areas (Gauthier and Teck Townships): Discover Abitibi Initiative." 2005.
[6] Rhys, David. Panterra Geoservices Inc. "Structural Study of the Kirkland Lake Gold System, Ontario with Exploration Implications." October 31, 2005. Panterra Geoservices Inc. 14180 Greencrest Drive, Surrey, B.C., Canada, V4P 1L9.
[7] Kirkland Lake Gold Inc. Contact Person Mike Sutton/Stewart Carmichael. Kirkland Lake Headquarters: Kirkland Lake Macassa Mine Office, P.O. Box 370, Kirkland Lake, ON, P2N 3J7, Tel: 7055675208.
[8] Ontario Department of Mines. Vol. LVII, Part V, Jas.E. Thompson. "Geology of Teck Township and the Kenogami Lake Area, Kirkland Lake Gold Belt. 1948. Map No. 1945-1.
[9] Original plans on 1:500 scale linens located in the Ministry of Northern Development & Mines Office, Kirkland Lake, Ontario. Possibly authored by A. MacLean and assistants, circa 1937 an 1938.
[10] Revised stratigraphic nomenclature and age. Ontario Geological Survey. Open File Report 6154. "Overview of Results from the Greenstone Architecture Project: Discover Abitibi Initiative". 2005.

HISTORICAL WORK

Historical work on the Goldbanks property was predominantly undertaken in the early years of the 20th century up to 1940. The following exploration chronology is segregated by claim groups and individual claims – including peripheral properties, year the work was completed with occasional Kirkland Lake Resident Geology file reference number for support.

Goldbanks 'Proper' (six mining leases)

1900-1936, file KL-4168[11]
No records, ancient trenching; property originally held by Goldbanks-Kirkland Mines Ltd, succeeded in 1937 by Goldbanks Mines Ltd;

Shaft #3 located on south contact of porphyry with A.S. Bayne reporting shaft to 100' + 60' x-cut north-south in 1920;

#2 shaft sunk to 45' in porphyry with 4" lamp dyke and main shear (Glenhill);

#1 shaft sunk to 73' north of unconformity with bottom at porphyry (Glenhill- on maps, shaft S of unconformity)- ~200' drifting +x-cuts @-60' (Bayne,@-70' on Sylvanite map) are east-west with main zone @$2.80/1.5' (0.08 oz.Au/ton) for 65' + two other zones (north+south) with a sample of 0.15 oz.Au/ton over 2' @ 20'S;

One drill hole (year unknown) 420' long @100' S #1 shaft (-45, drilled north) - all in porphyry-short of shear zone (Glenhill - on maps, hole shown @' S #1 shaft).

1936, file KL-4168
J.A. Dawson, Geological Report: 0.31 oz.Au/ton from a grab sample of "rusty quartz" claim #2934 (now L531976), "on strike" ¼ mile SW and similar visually to McIvor;

T.L. Glenhill, Geological Report +Erie Canadian Mines: surface mapping followed by drilling under his direction of 4,950' in 17 holes (?);

DDH #12 in volcanics with 20' graphite @ 530';

Other highlights: ddh #7 with 0.77 oz.Au/ton /0.7' ($26.95- Erie Canadian section, or $24.85-Barney, or $24.85/1.0'- Sylvanite section) @75.0'; ddh #3 with 0.09oz.Au/t/3.0' ($3.15) @ 246'; ddh #14 with 0.19 oz.Au/ton /5'10" ($6.65) @ 141'; ddh #6 with oz.Au/ton t/12" ($2.80) @260.0'; ddh #4 with 0.05 oz.Au/ton t/2.0' ($1.75) @ 335'; notes volcanic are rhyolites, not basalt.

1936-1944, file KL-4168
12 maps (all claim #1218); #1 map, 1936 surface geology plan shows drill holes, quartz vein with chalcopyrite on east boundary, etc.; #2 & #5 maps, 1938 Erie Canadian Mines - same as #1 map plus section view of ddh's #1-10; #3 & #11maps, 1944 Sylvanite Gold exploration dept.-same as #2 map but more detail, shows inset of #1 shaft u/g- shows main zone being "probable

[11] KL-4168: catalogue reference number from Ministry of Northern Development & Mines, Kirkland Lake Office.

Casa Kirk Break", QV in western trench ; #4 map, 1936 Erie Canadian Mines - shows mud seam N70E with 68S dip @#2 shaft; #6 map - same as #2 map but no section, inset detail #1 map shaft level incl. $1.6/1.8'-2 zones, $5.2 in dump grab - Main zone called a "Break"; #7 map, Goldbanks Mine Ltd. - detailed geology plan + ddh's shows 3' @$4.20 in west-most pit + 5'@$3.20 from volcanic pit near #4 post where zone shown is ~90 strike + east shears @ 5' of $6.80 + 5' of $5.40; #8-shows surface projection of drill hole geology + assays converted to oz.Au/t; #9 map, 1936 Erie Canadian Mines - plan shows surface qv's @ shafts, in volcanic near #4 post, @ #3 shaft, @east boundary- shows original ddh; #10 map 1936 Erie Canadian Mines - simple survey of level @#1 shaft; #12 map - detailed geology + drill holes- shows "alt. band" between #3 shaft and south shear on east boundary at 60S dip and ~ 90 strike; map with no number 1940 - simple surface plan shows 2 shafts + main zone + 2 zones on east claim boundary; one compilation plan of unknown origin.

1938, file KL-4168

M.T. Barney, Geological Report - chip samples from shafts/drifts during 1929-1937- chip samples #1 shaft @ -10' of $50.00 (1.43 oz.Au/ton) across 9" + @ drift (-75') of $5.07 (0.14 oz.Au/ton) across 9".

1940, file KL-4168

C.F. Rice, Geological Report (all from claim #1218) - channel sampled $4.00 (0.15 oz.Au/ton) across 4' of numerous east-west quartz stringers on east boundary; map (Rice) shows 5' of $4.00; map (Rice) shows 5' of $6.80 (0.19 oz.Au/ton) south of above zone + shaft #2 assays of 1.75 oz.Au/t at 22' from quartz lense + other samples to 3' of $7.10 (0.20 oz.Au/ton); notes a 1" mud seam in a shear with quartz at #2 shaft dipping 65S, with quartz leaving shaft @42'; map (Rice) shows channel sampled $4.20 (0.12 oz.Au/t) across 3' at west side of claim + 12" of $11.20 (0.32 oz.Au/ton) west of #2 shaft along main structure.

1961

On old claim #70736; 3 ddh's (317'), Hurd/Pollock, no assays provided; drilled north to south just east of #1 shaft (?); porphyry-then volcanic, with sheared contact+pyrite.

1964/1965, file KL-4168

Claim 1218 (now L446401, was 77827 at the time); 3 drill holes (1-65,64-1,64-2: 403' total); no assays provided; ddh 64-1 drilled north @mid-claim, north of north porphyry- conglomerate, wacke, tuff, porphyry- somewhat sheared + pyrite+ q stringers in conglomerate, 0.8' qv in porphyry dyke 1.8' from south porphyry-tuff contact where 3" rusty mud seam is; ddh 64-1 + 1-65 drilled on eastern boundary- 64-1 has conglomerate, wacke, and porphyry with quartz stringers over 3' at south porphyry contact + 1-65 is all porphyry with one "quartz fracture zone" of 30% quartz +pyrite for 5.6'; logged by N. Evoy.

1972

A.S. Bayne, Geological Report: Orme Prospecting Syndicate staked property; Bayne notes a pit on the south part of claim group ("south contact of the north intrusive") where 25 pound "bulk sample from the dump well mineralized by chalcopyrite" assayed 1.22% copper; chip samples

from #2 shaft noted from Rice (over 2' width of shear each) plus Sylvanite (over 2" width of quartz each); 1940- of 0.10-0.20 oz.Au/ton /2' + 0.13-2.00 oz.Au/ton/2"; notes a topographic depression across claim 1218 (#317657 at the time) at the south contact of the north porphyry- suggests this warrants drilling; some discussion on which shear might be the western extension of the '04 Break.

1973, file KL-642

Claim 1218 (now L446401, was 339578 at the time); 2 drill holes (73-1, 73-2); under #3 shaft (south porphyry contact); drilled to the north; tuff, then porphyry; samples taken on "quartz-carbonate" veins, pyrite ("fair mineralization"- no assays); logged by A.S. Bayne (P.Eng.).

1973, file KL-2558

(1984?)- claim #531977 (#2933 on township map)- trenching ~ ½ way between #1 & #2 posts; Rick Yost-backhoe; no information or report on trenches-just locations.

1981, file KL-2558

Claim #531983 (#7216 on TWP map)- 2 ddh (ES 81-1, 81-2) drilled north from south shore Elsie Lake from point; holes 105'+108'; conglomerate- ending in "diorite"-no assays taken; logged by A.E. Bailey; drilling- Mansfield Gray.

1980, file KL-2558

Claim #495926 (#24285 on TWP map)- 2 ddh (H-1, H-2) drilled south from north shore Perron Lake; holes 180'+222'; volcanics (acidic rhyolites) with 7' syenite dyke; no assays – barren qv's; logged by L.K. Oliver (P.Eng.).

1982, file KL-2558

Claim #495929 (#2935 on TWP map)- 2 ddh (H-3, H-4) drilled north under trenches; holes 200'+201'; conglomerate + porphyry; no significant mineralization, no assays provided- one 0.5' section "concentrated fine grained pyrite" was sampled in H-4, and two samples in H-3 taken; barren qv's; logged by L.K. Oliver (P.Eng.) for claim owners.

1986/1988/1990, file KL-2558

Claim #531976 (#2934 on TWP map)- 186 (?) hours trenching north and northwest of a deep pit ~ 300' south of #1 post close to claim line; 3 assays-all 9 ppb, 2 whole-rock; samples by L.K. Oliver (P.Eng.); no information or report on trenches-just locations.

1988

Claim #446401 (#1218 on TWP map)- 381 hours trenching of pit at #2 shaft area; no information or report on trench- just location.

Claim # L-1206267

1996, file KL-3937
VLF/mag./lineament interpretation- 3 single-line and one multi-line (in Lake) VLF's; 2 mag lows (one in Lake coinciding with VLF) either side of a big mag high- (Stew Carmichael- field data by Brian Madill).

1996, file KL-4168
DDH #96-1 drilled from north shore of Elsie Lake west of cross fault targeting '05 Break; rationale using Macassa (LAC) information for location of '05 Break, plus interpretation; notes historical confusion of '04/Main Break location to the SE where real Break may be further north than drilling; no significant results- all conglomerate.

Claim # L-3013133

1981
Claim #571400 at the time; #7411 on TWP map)- 2 ddh (Dans 81-1, 81-2) holes 101.6'+101'; drilled north through '04/Main Break location (?); "alkali metavolcanics"; no assays taken but "some mud seams","rusty seams; logged by A.E. Bailey; drilling- Mansfield Gray.

West of Goldbanks Property

Claims #6784/#6785

J.A. Dawson, Geological Report: free gold reported "South of Perron Lake".

2004, file KL-5392
I.P. (Hinterland), strong anomaly at site of TEC-001, TEC-002 (not explained); 2 anomalies at #1 post of 6784-not drilled/explained.
2005, file KL-5485
Drilling; claim #6784 2 ddh into south part of porphyry (TEC-001, TEC-002) with no significant assays- 0.08 g/t over 0.6m from QV's + 1% f py at contact, 0.04 gAu/t over 1.8m in hem'd tuff+ 2% py (TEC-001) & 0.10 gAu/t over 1.0m moly + 1% py in tuff (check did not corroborate), 0.06 gAu/t over 1.0m from QV+ 1% f py; claim #6785 one ddh (TEC-003) near #2 post but north of '05 Break extrapolation- all conglomerate, nothing significant (Julien Davy MSC Geo).

1997, file KL-4214
Drilling; claim #6842 (Kinross), 1 ddh 1483' drilled north for '04/Main Break target, 343' basic syenite+tuff+wacke+cong+ many faults/shears, some mud; no assays provided (Alistair Still).

Claim # L-3008035

1991, file KL-3024
VLF/magnetometer (claim # 1151635 at the time) Queenston: 3 faults inferred from magnetic lows (2 east-west); one strong VLF + 3 single-line VLF anomalies; looking for the extrapolation of the '05 Break.

1994, file KL-3623
VLF/mag/mapping, Dyment/Obradovich/Kidston: claim #1168941 (at the time- #3409 on TWP map)- 3 N.E. trending and 4 east-west trending anomalies (2 topographic lows- lineaments, 2 mag lows, plus 2 VLF anomalies-one of which is close to the main one in 1991 and is on the extrapolation of the '05 Break- totaling 4) (Jim Whelan).

2004, file KL-5392
I.P. Survey, Hinterland: single line anomaly where magnetic low/ topographic low is located.

East of Goldbanks Property

Claims 2947/2948-Sir Harry Oakes claims

1936
J.A. Dawson, Geological Report: 0.05 oz.Au/ton from a grab sample of py+cp in quartz stringers at south porphyry/conglomerate contact.

1940
C.F. Rice, Geological Report: sampled strong shear in porphyry 300' east of claim #317657 (now) with 65' of 2' wide 0.20-0.36 oz.Au/ton in porphyry on strike with "the low ground just east of the camps"; map by Rice shows the zone on strike with 5' of $4.00 on claim 1218 (Goldbanks proper).

1997, file KL-4509

I.P. Survey, Kinross, by Remy Belanger: high resistivity up to Goldthorpe road/unconformity, weak 2 anomalies- one liner at unconformity + one at ~south contact of porphyry.

2003/2004, file KL-4631 (lost)

one ddh each year, best assay 0.06 oz.Au/ton.

Claims 5343/5362

1936

J.A. Dawson- Geological Report- 0.00 from grab samples of py+cp in quartz stringers at south porphyry/tuff contact at 2 “shallow shafts”

Claim #5980

1980, file KL-2838

geological report Wilroy: east of Amikougami fault; strong mud Break @ N70E and dipping 70-80S in stripping- likely is the ’05 Break; porphyry on south side, basic syenite+ conglomerate+ tuff on north.

Claim #1616/2830

1980

Geological report Wilroy: very strong Break + mud seam-1300’ strike; strikes 58º-75º & dips 65º to subvertical.

South/East of Goldbanks

Claims 6822/1166/16515/16514/16513

1937, KL-1435
10 ddh’s (4950’) by W.Boyes/O.Blackman; Kirkland Gateway Mines; best assay 0.12 oz.Au/ton/0.7’ in conglomerate with pyrite in a schist, plus 0.03 oz.Au/ton/1.2’ in conglomerate with pyrite- south shore of Lake.

1937
18 ddh’s (10,331’) by B.Arnott.

1938
review of ddh’s by Fockler- potentially some holes have a southern structure that is not the Main Break.

1958, KL-2006
2 ddh’s (50’ each) by Nipigon Mines on claim #531983 (south shore of Lake)-no assays ()

1983
surface mapping, trenching, (G.E.Parsons for Queenston), “West KL Project”; Main Break uncovered East of Elsie Lake-best assay at 0.09 oz.Au/ton/0.75’ (2”QV on porphyry/wacke

contact)- two structures both east + west of Elsie- north structure termed Gracie West Break is 12' wide with 2' quartz with 78º S dip-no offset on north-south cross fault; 5 porphyry units east of Elsie Lake.

Current Goldbanks Property

August to September 2008 – Vault Minerals Inc.
Line Cutting and Walking Magnetometer Program: Following the design, planning, and requisite notifications to surface rights owners, a line cutting program consisting of 13.775 kilometres commenced on the Goldbanks Property proper in August 2008, followed by a further 1.925 kilometres on the other two claims in October 2008 (~0.710 on claim 3013133, and 1.215 on claim 1206267). The grids were constructed at 100 metre line increments and at 25 metre picket spacings, with the Goldbanks proper baseline at 60 degrees and at 63 degrees on claim # 3013133. The geophysical survey (walking magnetometer) took place from August 29 to September 3, 2008 on the Goldbanks property proper. The other two claims had geophysics completed in October 2008.

As provided by the survey, repetitive magnetic linears of varying intensities are interpreted at 050 to 060 azimuth trends which is generally favourable for gold deposition. Magnetic boundary lines are typically convoluted that may be identifying complicated folding that exists between sediments, tuffs and intrusive. Magnetic low linears correlate somewhat with the Goldbanks, Oakes, McIvor, Orme, '05 and '04 fault structures.

August to November 2008 – Vault Minerals Inc.

Geological mapping/prospecting took place from August to November, 2008. The mapping/prospecting was conducted by Michael Sutton and Dan McCormack. Access was gained by All Terrain Vehicles and canoe for Elsie Lake claim access.

As provided by the mapping survey, the Goldbanks, Oakes, McIvor, Orme and '04 fault structures ("Breaks") were field identified in areas on the Property. The '05 Break, deemed the most significant given mining production on the Break to the east at the Kirkland Gold Mine (formerly Macassa), was not found but a magnetic linear low found on Lines 51E and 52E, Station 9+00N may be its signature on the Property. Coincidently, the best grab sample assay from the mapping program came from the north shore of Elsie Lake where the '05 Break apparent trend is projected.

July to November 2009 – Vault Minerals Inc.

From July to November 2009, eight areas were stripped of overburden, washed, mapped and channel sampled. Stripping targeted sections of the Goldbanks, Oakes, McIvor and Orme Breaks as well as to attempt to field locate the '05 Break north of Elsie Lake.

Stripping failed to locate the '05 Break which may indicate that the Break is further south than anticipated. The Orme and McIvor Breaks were stripped in small sections, mapped and returned no significant gold assays. The Goldbanks Break provided the best sample result of 5.2gAu/t from a grab sample in a vein proximal to the Break. Given values returned in historic drilling of the Goldbanks Break and limited underground development, it was recommended that this structure be tested. Further, it was recommended that the '05 Break be tested near surface to positively identify its location on the Goldbanks Property in preparation for deep drilling.

2010 DIAMOND DRILL PROGRAM

Between March 31 to April 16, 2010 eight drillholes identified as GB10-01 to -08 inclusive were completed totaling 952 metres[12], with depths ranging from 63 to 282 m. Diamond drill specifics are provided in Tables 2 and 3.

Table 2 – Drillhole Targets and Collar Locations

Hole_ID	Target	Grid	Grid Line	Grid Station	UTM_Proj	East_UTM	North_UTM
GB10-01	Goldbanks "05 Break	2008	56+41.22	9+37.44	NAD83Z17	566015	5330971
GB10-02	Goldbanks "05 Break	2008	54+53.36	9+92.25	NAD83Z17	565815	5330929
GB10-03	Goldbanks - McIvor	2008	53+27.67	17+2.97	NAD83Z17	565342	5331484
GB10-04	Goldbanks - McIvor	2008	52+65.39	17+7.49	NAD83Z17	565284	5331455
GB10-05	Goldbanks Main	2008	53+35.56	21+9.38	NAD83Z17	565151	5331844
GB10-06	Goldbanks Main	2008	53+35.56	21+9.38	NAD83Z17	565151	5331844
GB10-07	Goldbanks Main	2008	50+14.08	20+17.22	NAD83Z17	564912	5331592
GB10-08	Goldbanks Main	2008	45+55.93	20+13.17	NAD83Z17	564523	5331369

[12] Drilling undertaken by Cabo Drilling (Ontario) Corp., 34 Duncan Ave. North, Kirkland Lake, Ont. P2N 3L3. Core size: NQ.

Table 3 – Drillhole Details

Hole_ID	Azimuth	Dip	Length	Claim Number	Depth to Overburden	Logged_By	Start_Date	Finish_Date
GB10-01	156	-45	282	L1206267	3.0	D.McCormack	31-Mar-2010	3-Apr-2010
GB10-02	150	-45	162	L1206267	15.0	M.Sutton / D. McCormack	29-Mar-2010	31-Mar-2010
GB10-03	335	-85	90	L531976	2.0	M.Sutton	5-Apr-2010	6-Apr-2010
GB10-04	335	-55	63	L531976	3.0	M.Sutton	6-Apr-2010	6-Apr-2010
GB10-05	320	-50	65	L495925	0.6	M.Sutton	7-Apr-2010	8-Apr-2010
GB10-06	320	-67	92	L495925	0.5	M.Sutton	8-Apr-2010	8-Apr-2010
GB10-07	320	-42	114	L446401	3.5	M.Sutton	13-Apr-2010	14-Apr-2010
GB10-08	320	-45	84	L446401	6.0	M.Sutton	15-Apr-2010	16-Apr-2010
	TOTAL		**952**					

Length in metres.

CORE SAMPLE HANDLING, PREPARATION, ANALYSIS AND SECURITY

Sample Handling, Preparation and Security

Drill core, secured in enclosed core trays, is collected at the drill site by Vault/Queenston personnel and transported directly to the core logging facility at the Toburn Mine Site[13]. Logging facilities are secured by lock with only Vault/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. 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.

[13] 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.

Assay Methodology

Polymet[14]

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

Goldbanks ½ Core Samples

For the diamond drill project, 282 sampes were submitted for assay of which 266 represented ½ core sample, 11 field blanks and 5 field standards.

[14] Polymet Labs, 1 Presley St., P.O. Box 699, Cobalt, Ontario. P0J 1C0.

Diamond Drill Summary and Observations

Drillholes: GB10-01 and -02

Target and Purpose:

1. Locate the western extension of the ’05 Break near surface on both sides of the 345 azimuth trending late Elsie Lake fault which has an apparent displacement up-north on its west side.
2. Once the ’05 break is located near surface, a deep diamond drillhole can be designed to follow-up along strike of a 4700ft Level drillhole from the Macassa Mine and 350 m east of the Goldbanks Property boundary that intersected 3.4gAu/t over 0.39m. Also DDH Gateway#1 intersected 4.1gAu/t over 0.3m at the west end of Elsie where the ’05 Break is projected. Drillhole 96-1 intersected weak K-spar alteration, moderate foliation and 1-3% quartz veining at the north shore of Elsie Lake where the ’05 Break is also projected.

Observations:

1. Drillhole GB10-01 was successful in intersecting faults in the vicinity of the projected ’05 Break at,
    a. 190.2-190.6 m with hairline slips + chlorite + sericite at 85º to core axis in a host Arenite with a quartz-calcite-carbonate vein,
    b. 232.2 m fault with quartz + chlorite + fine grained pyrite at 20º to core axis in a host Arenite,
    c. 263.5 m fault gouge + quartz+ fine grained pyrite at 55º to core axis in a host Mafic Syenite with 10% quartz-carbonate-epidote-chlorite-sericite and minor pyrite.
2. All assays returned less than detection gold (<0.03 gAu/t).
3. Drillhole GB10-02 was successful in intersecting a localized shear-slip zone at the targeted ’05 Break projection at 93.23-93.35 m with chlorite on slips at 60º to core axis and 1% pyrite in host Mafic Syenite. At 107 to 113.4 m a brittle fracture section was encountered in Mafic Syenite with 5% quartz-carbonate-minor chlorite and <1% pyrite. At 25.4-25.5 m a 1 inch wide gouge fault was encountered that could also be the ’05 Break. All assays returned were less than detection gold (<0.03 gAu/t).

Recommendations:

As per Figure 4, the faults encountered in GB10-01 and-02 somewhat coincide with linear trending mafic syenite instrusives, indicative of possible structural attenuation. If this is true, and the mafic syenite trend is considered the ’05 Break, then a ‘trend’ can be projected for deep diamond drill testing.

As there was past production on the ’05 Break east of the Goldbanks boundary, this structure remains the primary target on the Goldbanks Property. Therefore it is recommended that this structure be drill tested at depth starting from the far eastern boundary line.

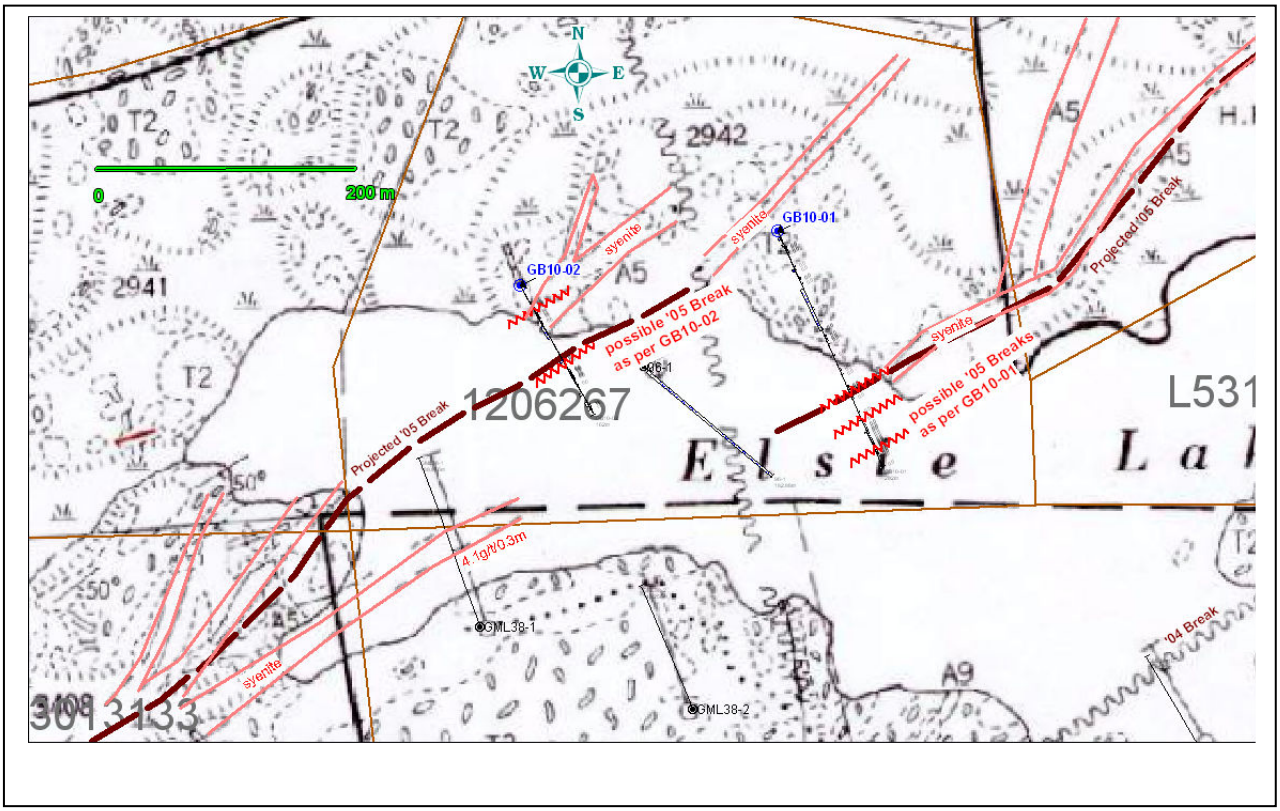


Figure 4

Drillholes: GB10-03 and -04

Target and Purpose:

1. Drill test the McIvor Break as exposed at surface by the 2009 overburden stripping program[4].

Observations:

1. On surface the McIvor break is a strong fault ranging in widths from 10 to 30 cm wide with frequent, adjacent white and dark grey quartz vein occurrences in a host Conglomerate. Periodic fine grained pyrite occurrences were visible on vein margins. Of 17 samples obtained on surface, two samples had assays of 0.21 gAu/t and one sample had 0.34 gAu/t. Drillholes BG10-03 and -04 returned no significant values – all less than detection limit of <0.03 gAu/t with infrequent chloritic slip occurrences observed.

Recommendations:

1. The McIvor Break has been documented to contained gold values outside of the Goldbanks Property and is a strong fault-slip structure with a favourable strike trend. In this respect, the Break remains a legitimate target.

   It is recommended that this fault be stripped along strike where possible for further channel sampling. A soil geochemical survey, in combination with the walking magnetic survey and mapping results, may also serve as a tool for identifying gold anomalies along the McIvor Break trend.

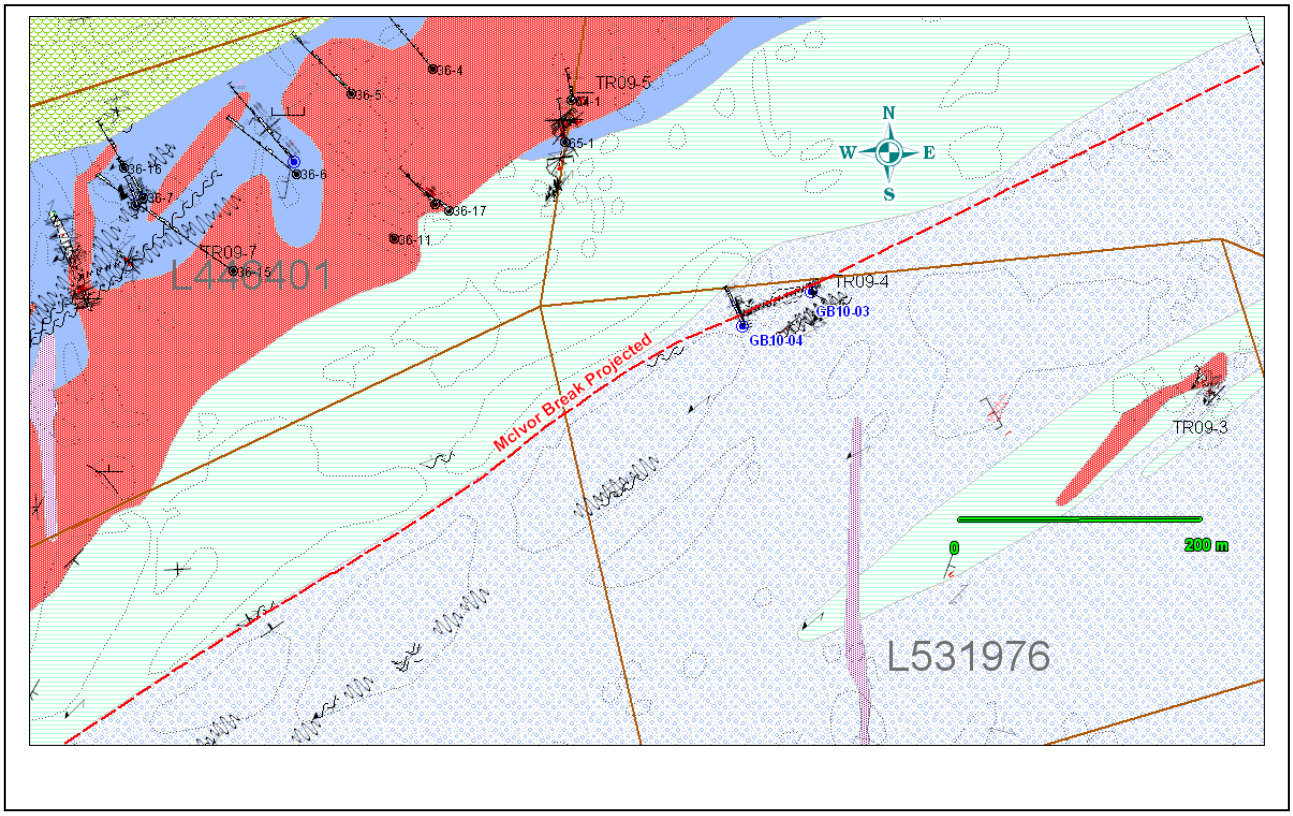


Figure 5

Drillholes GB10-05, -06, -07 and -08.

Target and Purpose:

Drillholes GB10-05 and -06 were designed to test the Goldbanks Break between the east boundary of L495925 and a filled-in shaft where historic drillhole 36-14 reported 6.5 gAu/t over 1.8 m and 2009 surface sampling returned a 5.2 gAu/t from a highly oxidized, sheared mudstone.

GB10-07 and -08 were designed to test the Goldbanks Break to the SW of the GB10-05 and -06 where folding is apparent – from surface mapping and magnetic surveys - along volcanic-sediment-intrusive contacts in the vicinity of the Break. GB10-07 was designed to drill near drillhole 36-6 that returned 1.4 gAu/t over 0.6m and 2.7 gAu/t over 0.3m and drillhole 36-7 that returned 26.4 gAu/t over 0.2m. GB10-08 was designed to drill next to 36-10 and more importantly a referenced quartz vein.

Observations:

GB10-05 intersected a strong chloritic fault with 1/8 inch gouge from 24.36 to 24.4 m with the Main Goldbanks Zone intersected at 25.85m. From 25.6 to 26.25 m 10% coarse and fine grained pyrite was encountered with pale grey veining at 57º to core axis returning 1.4 gAu/t over 0.65m and from 24-85 to 25.6m 0.27 gAu/t over 0.75m.

GB10-06 was drilled from the same set-up but at a steeper dip undercutting GB10-05. As with GB10-05, the Main Goldbanks Zone was intersected at 35.5 to 36.3m bounded by strong faults – one with gouge – at 31.6 and 36.2m and contained 5% coarse and 3% fine grained pyrite returning less than detectable gold, (<0.03 gAu/t).

Numerous other fault-slips were intersected by both drillholes with no significant results returned from other samples.

GB10-07 intersected a medium to dark grey quartz vein at 17.5 to 18 m having 1.3 gAu/t over 0.5 m with 10-20% very fine disseminated pyrite in bands with chlorite + sericite ending in a gouge –shear zone that could possible be the Goldbanks Break. Host rock is conglomerate. At 107.1 to 107.6 m, 0.34 gAu/t over 0.5m was returned from a quartz-ankerite vein with 2% fine disseminated pyrite. GB10-08 intersected numerous slip-fault-shears with assays no greater than detection limit (<0.03 gAu/t).

Recommendations:

On the Property, the Goldbanks Break has a strike length of 870 m and has been tested, for the most part, with widely spaced drilling. Concentrated drilling was completed in the immediate shaft area in claim L495925. The structure is gold bearing and is generally found at or near Timiskaming sediment and syenite lithology contacts. The Break trends in a favourable 050 to 055 azimuth with folding making this trajectory and associate mineralized veining more complex.

Given the above, it is recommended that an overburden stripping, washing, mapping and channel sampling program be undertaken starting at the shaft location and exposing the Break along strike. A geochemical soil survey may help identify gold anomalous areas. Further diamond drilling is only recommended when anomalous surface zones along the Break are determined.

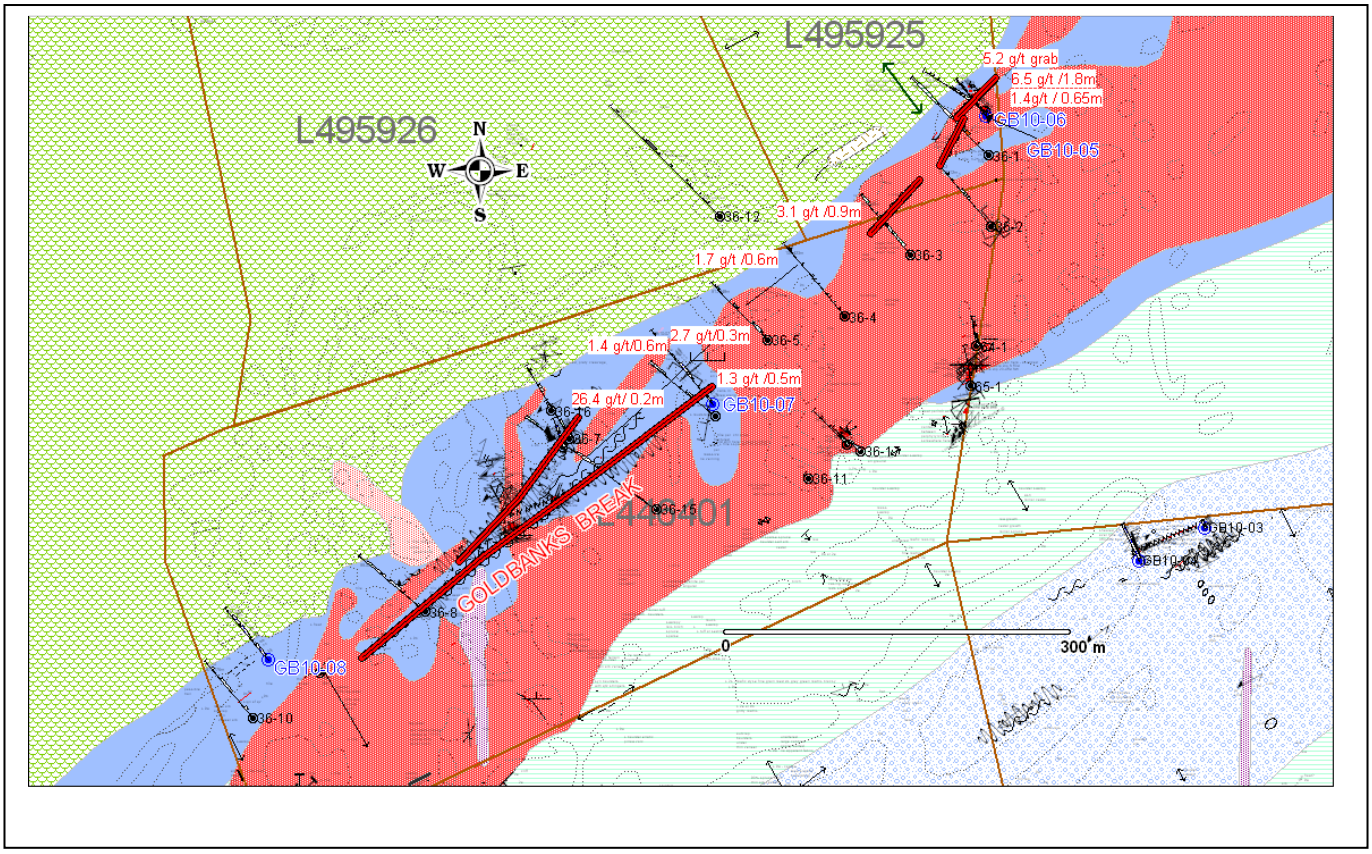

L495925
L495926
N
W
E
S
5.2 g/t grab
6.5 g/t /1.8m
1.4g/t / 0.65m
GB10-06
GB10-05
3.1 g/t /0.9m
1.7 g/t /0.6m
2.7 g/t/0.3m
1.4 g/t/0.6m
1.3 g/t /0.5m
26.4 g/t/ 0.2m
GB10-07
L449401
GOLDBANKS BREAK
GB10-08
GB10-03
0
300 m

Figure 6

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STATEMENT OF QUALIFICATIONS

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. During the Goldbanks diamond drill program, March to May 2010, 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.

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 March to May 2010.

Dated in Kirkland Lake this 28 day in November, 2011.



Drill Log Abbreviations

Grain Size & Type

mg, med	*medium grain, medium*
cs, cse, cg	*coarse, coarse grained*
fg	*fine grain*
aph	*aphanitic*
diss, d, dissem	*disseminated*
fd	*finely disseminated*
frag's	*fragments*
homo	*homogenous*

Colour

dk grn, lt grn	*dark green, light green*
brn	*brown*
gy, gyish	*grey, grayish*
wy	*white*
pk	*pink*

Intensity

wk, wy	*weak, weakly*
mod	*moderate*
strng	*strong*
v	*very*
conc	*concentrated*
inc	*increase*
min	*minimal*
locy	*locally*

Alteration

altn	*alteration*
alt'd	*altered*
per	*pervasive*
carb'd, cbd	*carbonitized*
hem'd	*hematized*
chl'd, chl'c	*chloritized, chloritic*
ser'd	*sericitized*
bl'd	*bleached*
sil'd, sil'n, sil	*silicified, silification, silica*

Minerals

chl	*chlorite*
ser	*sericite*
ank	*ankerite*
epi	*epidote*
carb	*carbonate*
hem	*hematite*
spec hem	*specular hematite*
qtz, q	*quartz*
cpy	*chalcopyrite*
py	*pyrite*

mo *molybdenum*
mag *magnetite*
gf *graphite*
Kspar *potassium feldspar*
plagio *plagioclase feldspar*
tour *tourmaline*

Mineral Description
pheno, pheno's *phenocryst*
eu *euhedral*

Veining, Fractures Structure
stry *stringers*
frac's, fract *fractures*
bx *breccia*
b.c *broken core*
myl *mylonite*
vn, v *vein*
RQD *rock quality designation*
flt *fault*
shr *shear*
fol'd, fol'n *foliated, foliation*
slicks *slickenside*

Misc
ovb *overburden*
cas *casing*
ct *contact*
prec *preceeding*
imm *immediate*
shrp *sharp*
TCA, CA *to core axis*
cm *centimeter*
m *metre*
xeno's *xenoliths*

PROPOSED DDH NO.	Actual Hole_ID	Project	Grid	Line	Station	UTM_Proj	East_UTM	North_UTM	Azimuth	Dip	Length	Depth to Target	Depth to Overburden	Logged_By	Start_Date	Finish_Date	Country	Province	Twp	Claim
G	GB10-01	Goldbanks "05 Break	2008	56+41.22	9+37.44	NAD83Z17	566015	5330971	156	-45	282	190 to 235	3.0	D.McCormack	31-Mar-2010	3-Apr-2010	Canada	ON	Teck	L1206267
H	GB10-02	Goldbanks "05 Break	2008	54+53.36	9+92.25	NAD83Z17	565815	5330929	150	-45	162	65, 90	15.0	M.Sutton / D. McCormack	29-Mar-2010	31-Mar-2010	Canada	ON	Teck	L1206267
E	GB10-03	Goldbanks -McIvor	2008	53+27.67	17+2.97	NAD83Z17	565342	5331484	335	-85	90	40 to 60	2.0	M.Sutton	5-Apr-2010	6-Apr-2010	Canada	ON	Teck	L531976
F	GB10-04	Goldbanks -McIvor	2008	52+65.39	17+7.49	NAD83Z17	565284	5331455	335	-55	63	15, 51	3.0	M.Sutton	6-Apr-2010	6-Apr-2010	Canada	ON	Teck	L531976
A	GB10-05	Goldbanks Main	2008	53+35.56	21+9.38	NAD83Z17	565151	5331844	320	-50	65	18, 32	0.6	M.Sutton	7-Apr-2010	8-Apr-2010	Canada	ON	Teck	L495925
B	GB10-06	Goldbanks Main	2008	53+35.56	21+9.38	NAD83Z17	565151	5331844	320	-67	92	25, 48	0.5	M.Sutton	8-Apr-2010	8-Apr-2010	Canada	ON	Teck	L495925
C	GB10-07	Goldbanks Main	2008	50+14.08	20+17.22	NAD83Z17	564912	5331592	320	-42	114	27, 53	3.5	M.Sutton	13-Apr-2010	14-Apr-2010	Canada	ON	Teck	L446401
D	GB10-08	Goldbanks Main	2008	45+55.93	20+13.17	NAD83Z17	564523	5331369	320	-45	84	71	6.0	M.Sutton	15-Apr-2010	16-Apr-2010	Canada	ON	Teck	L446401
									TOTAL		952									

Hole_ID	Depth	Raw_Azimuth	True_Azimuth	Dip	Magnetic_ Field	Type	Comments	Temp (C)
GB10-1			-11.5			Reflex EZ Shot		
GB10-2	162	163.3	151.8	-41.7	55780	Reflex EZ Shot		11
GB10-3	90	265.2	253.7	-84.9	55970	Reflex EZ Shot	do not use this reading - logging shows conglomerate very magnetic even though mag reading on instrument is comparable to others	
GB10-4	63	334.4	322.9	-55.5	55800	Reflex EZ Shot		10.5
GB10-5	65	340.3	328.8	-49	56030	Reflex EZ Shot		
GB10-6	90	343.9	332.4	-67.6	56200	Reflex EZ Shot		
GB10-7	114	326.7	315.2	-39.1	56240	Reflex EZ Shot		
GB10-8	84	335.1	323.6	-40.9	55900	Reflex EZ Shot		

Hole_ID	From	To	Lith 1	Lith 2	Lithology Name	Colour1	Colour2	Grain Size 1	Grain Size 2	Description
GB10-01	0.00	4.70	100		Casing					
GB10-01	4.70	6.70	8c		Arenite	dark grey		fine	medium	non-magnetic; weakly foliated;poorly sorted with occasional rounded to sub-rounded pebbles; pervasive weak chl alteration; <1% grey-white opaque qtz+carb veinlets no greater than 0.3 cm wide at generally 20 deg TCA.
GB10-01	6.70	9.20	8a		Conglomerate	dark grey		coarse	fine	gradational change from arenite with 35% large pebbles poorly sorted; non-magnetic; pervasive weak chl alteration; 7.5 m opaque qtz+carb veinlet <0.2 cm wide at 20 deg TCA
GB10-01	9.20	15.20	8c		Arenite	dark grey		fine	medium	as with 4.7 to 6.7 m; 12.5 to 12.7 mearly hairline epi fractures at 65 deg TCA offset by late opaque grey-white qtz+carb at 20 deg TCA; overall qtz+carb veining at 1%
GB10-01	15.20	16.70	8a		Conglomerate	dark grey		coarse	fine	as with 6.7 to 9.2 m
GB10-01	16.70	18.30	8c		Arenite	dark grey		fine	medium	as with 4.7 to 6.7 m; < 1% qtz+carb veinlets
GB10-01	18.30	26.30	13e		Basic Syenite	dull earthy brown	dark grey	medium	fine	sharp upper contact no alteration at contacts but some late grey-white opaque qtz veining; unit is magnetic; augites chloritized; qtz+epi+chl+tremolite? (acicular columnar) specifically at 19.1 to 19.71 m and 24.57 to 25.35m with veinlets at 20 deg TCA with splashes of cpy in veins; sharp lower contact at 50 deg TCA
GB10-01	26.30	44.65	8c		Arenite	dark grey		fine	medium	as with arenite unit 4.7 to 6.7 m; 5-10% opaque white carb+qtz veining <0.5 cm wide generally at 20 to 35 deg TCA
GB10-01	44.65	46.90	8a		Conglomerate	dark grey		coarse	medium	relatively sharp upper contact with <1% primary f.g. py near transition; lower contact marked by 2 cm wide epi+carb+qtz veinlets at 25 deg TCA
GB10-01	46.90	68.10	8c		Arenite	dark grey		fine	medium	as with previous Arenite units; 5-10% white opaque carb+qtz veinlets no greater than 1 cm wide
GB10-01	68.10	117.40	8a		Conglomerate	dark grey		coarse	medium	as with previous conglomerate units; foliation fabric at 50 to 60 deg TCA <5% opaque carb+qtz veinlets at variable angles TCA; 79.5 to 82 m blocky core recovery; 72.4 to 73.8 m fine grained section resembling an Arenite unit; 116.8 m fault-slip with qtz+calcite+chl at 35 deg TCA with mils pervasive silica alteration from 116.8 to 116.9 m with <1% f.g. euhedral py; sharp lower contact at 20 deg TCA with 1.5 cm mild silica band
GB10-01	117.40	225.00	8c		Arenite	dark grey		medium	fine	from 117.4 to 118.2 fine grained matrix; sharp 10deg TCA contact between fine grained and medium grained unit - meaning units dip south at 50 to 60 deg - this is inline with regional stratigraphy dip; after 118.2 m medium grained matrix with occasional large pebbles; non-magnetic; pervasive weak chl alteration; after 124 m unit is weakly pervasive carbonitized - effervescing mildly with HCl;130.17 to 130.5 very f.g. unit sharp contacts with med grained unit; from 129 to 131 m some flt slips and fracturing healed with qtz+carb+chl usually proximal to sharp contacts with fine to medium grained units; occasional primary f.g py in <0.1cm bands along bedding planes at 10 to 20 deg TCA in <5cm wide sections;at 166.13 to 166.53 m slips at 15 deg TCA with associate qtz veining and bleached halo; at 185.84 magnetic clast-pebble; at 187.63m 1 cm fault-slip at 90 deg TCA; **from 190.24 to 190.58 m '05 Break? hairline fault slips at 80 to 90 deg TCA with chl+ser,from 190.4 to 190.59 qtz+calcite+chl+carb vein - given angle TCA may not be '05 BK? unless at this point is shallow dipping;**from 193 to 216.6 m unit has few fractures, veinlets, sections from 204 to 205.26 m & 207.3 to 207.4 m &
GB10-01	225.00	225.40	8a		Conglomerate	dark grey		coarse	medium	
GB10-01	225.40	239.50	8c		Arenite	dark grey		medium	fine	non-magnetic; occasional subrounded pebbles 1 to 2 cm diameter; 2 cm wide fault at 232.15 m at 20 deg TCA with silica+chl+f.g. py;
GB10-01	239.50	239.90	8a		Conglomerate	dark grey		coarse	medium	upper contact at 30 deg TCA with dark grey silica band 1 cm wide at contact with carb veinlet
GB10-01	239.90	249.00	8c		Arenite	dark grey		medium	fine	non-magnetic; <5% brittle penetrative fracturing healed with opaque white carb+qtz;from 242.7 to 244.3 m blotchy light brown silica? Alteration; at 244.8 m 1 cm wide opaque white-grey-pink qtz+carb vein with cpy and py at 30 deg TCA with light brown halo margins; at 247.75 m 2 cm wide opaque white qtz+carb at 55 deg TCA; sharp lower contact with syenite at 20 deg TCA
GB10-01	249.00	249.15	15a		Diabase	dark green		aphantic		non-magnetic; aphanitic; moderately hard; possible mafic dyke; upper contact at 50 deg TCA and lower contact at 20 deg TCA
GB10-01	249.15	249.80	8c		Arenite	dark grey		medium	fine	magnetic probably due to proximity to the following magnetic syenite unit; from 249.7 to 249.8 m reddish hem? Alteration +ser+ white to translucent qtz veinlets at contact with syenite; lower contact is irregular at 80 deg TCA
GB10-01	249.80	258.00	13e		Basic Syenite	dull reddish brown	dark green	medium		unit is magnetic except where veining and hem? alteration (earthy brown colour and sometimes in 0.3m cm wide bands at 55 deg TCA) occur; short prrismatic augite xstals are chloritic; matrix is hard; from 253.3 to 256.3 m 25 to 35% predomonantly 10 to 15 deg TCA white-pink-green carb+qtz+epi+chl+tremolite? veining with occasional splashes of cpy in veining, strong 3.5 cm wide vein from 253.3 to 253.8 m at 15deg TCA
GB10-01	258.00	259.58	8c		Arenite	med dull brown-grey		medium	fine	2mm grey qtz veinlet from 258.4 to 259.5 m with splashes of cpy
GB10-01	259.58	270.44	13e		Basic Syenite	dull reddish brown	dark green	medium		mod to strongly magnetic; 20% qtz+carb+chl+epi veining from 260 to 261.45 m at 10 to 15 deg TCA; strong fault at 263.5 m at 55 deg TCA with minor gouge+qtz with very fine py; from 263.7 to 267.7 m 10% qtz+carb+epi+chl+ser minor occurences of py.
GB10-01	270.44	280.60	8c		Arenite	dark grey		medium	fine	non magnetic; occasional pebbles; rare fracturing with carb
GB10-01	280.60	282.00	8a		Conglomerate	dark grey		coarse	medium	sharp contact between arenite and congl; non-magneti
GB10-02	0.00	16.70	100		Casing					
GB10-02	16.70	27.10	8b		Wacke	med gy	dk gy	fine	aph	non mag; non cbd; not competent-RQD=10; med gy w 30% dull wt feld?-almost looks like fg gabbro, fresh, w rare-1% f d py; shrp nat trailing ct @32 imm prec by 1" aph med gy (myl?); 1% carb-q-ank vn's to 1/8" assd w epi-ser@45 locy conc; pa gy zone@21.6-22.3 is an overprint (carb? but not cbd); posy 1 jasper visible; strong 1" mud gouge BRK imm prec by 1" chl annealed myl@25.4-25.5 could be '05 BRK imm prec by 1" wy hem'd+shr'd but no py/q str's; br hue @22.6-24.5 imm prec by pa gy
GB10-02	27.10	29.40	13e		Basic Syenite	med gy	dk gn-gy	med		20% blk-pa gn 1/8"euhedral augites phenos; fresh;rare cse d py; 2-3% epi-carb vn's to 1/8";non mag; non cbd; competent-RQD=70; shrp trailing nat ct likely@37 in BC
GB10-02	29.40	41.70	8b		Wacke	med gy	dk gy	fine	aph	non mag; non cbd; competent-RQD=70; med gy; fresh, w rare-1% f d py; shrp nat trailing ct @30 imm prec by 1" aph med gy (myl?); 3% carb-q-ank vn's to 1/8" @30-45 locy conc; jaspers visible+ 1% well-rounded clasts to 1";
GB10-02	41.70	48.50	13e		Basic Syenite	med gy	dk gn-gy	med		20% blk-pa gn 1/8"euhedral augites phenos; fresh; rare cse d py; 2-3% epi-carb vn's to 1/4"; hily mag; non cbd; competent-RQD=60; shrp trailing nat ct @53
GB10-02	48.50	50.70	8b		Wacke	med gy	dk gy	fine	aph	non mag; non cbd; competent-RQD=90; med gy; fresh, w rare-1% f d py; trailing ct indistinct;1% carb-q-ank vn's to 1/8" @30-45 locy conc; jaspers visible+ 1% well-rounded clasts to 1";
GB10-02	50.70	66.00	8a		Conglomerate	med gy	dk gy	cse		20% well rounded clasts locy conc between wacke areas w only 3-5% clasts; clasts to 2" polymictic; poorly sorted; all fresh; non cbd; non magmtrix is 1/16" mix-med gy; grades out into wacke; jaspers to 1/4"-common; fld mody@45; rare f d py
GB10-02	66.00	93.23	8b		Wacke	med gy	dk gy	fine	aph	non mag; non cbd; competent-RQD=90; med gy; fresh, w rare-1% f d py; trailing ct shrp nat @____; rare carb-q-ank vn's to 1/8" @30-45 locy conc; jaspers visible+ 1% well-rounded clasts to 1" locy conc in beds @74.4-74.7,_____; bedding@35@81.9; at 84.2 m 25 deg TCA bedding; 87 to 90.7 m 5% intermittent late qtz+carb veins at predom 45 deg TCA; 93.23 m contac with syenite at 85 deg TCA? contact is broken; no evidence of chl margin in wacke
GB10-02	93.23	93.35	13 e		Basic Syenite	dark green		med		attenuated augite pheno's at 60 to 65 deg TCA; unit between wacke and congl; strong chl alteration; sheared; high angle lower contact with congl at 0 deg TCA; unit is non-magnetic; no visible sulphides
GB10-02	93.35	96.00	8a		Conglomerate	med gy	dk gy	cse		at 93.35 m at upper contact with sy 2.5 cm wide slips with 1% f.g. py; 93.35 to 94.3 m <2% brittle hairline fractures healed with qtz+carb; non-mag unit; grains showing weak fabric at 25 to 35 deg TCA; lower contact at 40 deg TCA brittle hairline fractures at contact; no evident chill margin

GB10-02	96.00	97.57	13 e		Basic Syenite	dark green-grey	k orange-brow	med		magnetic unit; chl augites + Kspar feld's give sections an orange-dk green mottled appearance; pheno'd are generally attenuated at 45 deg TCA; 97.3 to 97.57 m three < 1 cm veinlets near lower contact filled with qtz+carb; at lower contact brittle hairline slips at 40 deg TCA healed with carb, no visible sulphides
GB10-02	97.57	101.10	8b		Wacke	dk green		aph		<2% veinlets with carb healing at generally 10 deg TCA; at 98.68 m 90 deg TCA 0.8 cm fracture healed with carb+qtz
GB10-02	101.10	104.80	8b		Wacke	dk green		fine		poorly sorted, 1% late brittle fractures healed with carb; non magnetic; weak fbric
GB10-02	104.80	116.80	13e		Basic Syenite	dk brown	dk green	med		chl augites; magnetic unit; irregular upper contact at 50 deg TCA; 107.9 to 113.4 m 25% strong brittle fracturing 10 to 55 deg TCA healed with qtz+carb+chl, fault bx at 109.9 to 110.5 at 10 and 50 deg TCA; Kspar or hem alteration from108.5 to 110.5; broken lower contact
GB10-02	116.80	135.10	8b		Wacke	dark green		fine	coarse	non magnetic; moderately sorted with occasional 1 to 2 cm rounded pebbles and jasper grains; probable arenite with narrow sections coarse enough to be conglomerate; grains show moderate fabric;<1% fine grained py - probably primary - in matrix; at 125.7 to 125.8 m 5-7% f.g. diss py remobed proximal to a late grey-white carb vein; <1% late hairline fractures filled with carb at predominantly 45 to 50 deg TCA
GB10-02	135.10	138.10	8a		Conglomerate	dark green		coarse	medium	non-magnetic; coarser grained with 1.5 to 2.5 cm rounded pebbles; <1% carb fractures
GB10-02	138.10	146.70	8b		Wacke	dark green		fine	coarse	as with arenite-wacke from116.8 to 135.1 m; 1% carb in occassional veining at predominantly 20 deg TCA
GB10-02	146.70	151.08	8a		Conglomerate	dark green		coarse	medium	as with 135.1 to 138.1; upper contact with arenite at 20 deg TCA; at 150.94 to 151.08 m strong breccia near at porphyry contact with fractures at 45 deg TCA and epi alteration around bx clasts- no mineralization
GB10-02	151.08	155.90	13e		Basic Syenite	dark grey		med		magnetic; hard; upper contact is sharp at 45 deg TCA, lower contact at 75 deg TCA; brittle fractures with qtz and epi; veining <0.3m at various angles TCA.
GB10-02	155.90	155.90	8a		Conglomerate	dark green		coarse	medium	poorly sorted with up to 4 cm diameter pebbles and jasper pebbles;151.93 to 152.15 m three subparallel <0.3 cm wide qtz+carb veinlets at 55 deg TCA; weak noticeable fabric at 55 deg TCA; at 155.75 m approx 3 cm weak non-penetrative shear at 45 deg TCA
GB10-02	155.90	162.00	8b		Wacke	dark green		fine		more like an arenite; shows weak fabric, some occasional pebbles; negligible fracturing
GB10-03	0.00	2.70	100		Casing					
GB10-03	2.70	90.00	8a		Conglomerate	med gy	dk gy	cse		50% well rounded clasts locy conc; clasts to 4" polymictic+ attenuated w fol'n; poorly sorted; all fresh; non cbd; locy hily mag-particularly@73-82 (incl one 1' BIF cobble); mtrix is fg med gy; jaspers to 2"-common; fld mody-stry@5; rare f d py; 1-2% q-ank 1/8"-1/4" vn's@20-40; competent;wy bl'd w chl fract's@34.1-36.6, +@83.0-90.0 (where hily ser'd); locy q-ank is mtx@66.0-67.0;
GB10-04	0.00	4.10	100		Casing					
GB10-04	4.10	63.00	8a		Conglomerate	med gy	dk gy	cse		50% well rounded clasts locy conc; clasts to 4" polymictic+ attenuated w fol'n; poorly sorted; all fresh; non cbd; locy hily mag; mtrix is fg med gy; jaspers to 2"-common; fld mody-stry@36-40; rare f d py; 1-2% q-ank 1/8" vn's@50; competent; locy q-ank is mtx@23.0-23.4; McIvor Brk posy@17.5/33.0 but not strong structures/qtz
GB10-05	0.00	2.30	100		Casing					
GB10-05	2.30	10.00	QFP		Quartz-Feldspar Porphyry	dk red-br	pa-med gy	cse		competent, RQD=70; locy wy mag; red-br; 10% anhed qtz+20% feldspar 1/8" phenos; 1% q-ank 1/8" vn's@gen 70; 1% blk-dk gy 1/4"-1/2" xenos's; rare-1% f d py; locy hem'd wy to red assd w q-ank; shrp nat trailing ct@67 is undulatory w 1/8"q-ank vn in BC
GB10-05	10.00	10.60	3s		Intermediate Dyke	med gy		med		posy intermediate dyke, but posy augites visible- 20% 1/8" chl'd anhed phenos; shrp nat trailing ct@77; 0.05m inlier of por @55 on slip; 5% q-ank vn's 1/8"-1/2"@50-75; dyke is fairly fresh
GB10-05	10.60	19.40	QFP		Quartz-Feldspar Porphyry	dk red-br	pa-med gy	cse		competent, RQD=70; locy wy mag red-br until grad change to pa-med gy@17.0; 10% anhed qtz+20% feldspar 1/8" phenos; 1% q-ank 1/8" vn's@gen 70; 1% blk-dk gy 1/4"-1/2" xenos's; shr trailing ct is shr
GB10-05	19.40	32.70	8b		Wacke	dark green	dk gy	aph	fg	initially @19.4-20.5 could be mafic intrusive-can see up to 1/4" prismatic pheno's? but elsewhere multiple grained incl qtz to 1/4"-all grey; thereafter- heterogeneous w beds to 1' of highly attenuated Basal grit (+rip-ups) in aph-fg wacke (silt to almost graph beds); 5% qv's-q-ank vn's are bullish gen &@34-61-locy w 1-3% cse d py; pa gy qv@25.85 is MAIN ZONE; no jaspers seen; shrp nat trailing ct@71; non mag
GB10-05	32.70	49.10	6e		Graphitic Argillite	blk	dk gy	aph		not much graph but v dk gy-blk, aph and has graphitic appearance; shrp nat trailing ct is indistinc but likely@59; competent-RQD=70; <1% q-ank 1/8" vn's@50; locy BC; bedding up to 1' @55+73; non mag
GB10-05	49.10	63.55	2a		Mafic Flows	pa gy	buff	aph	fg	homogeneous; competent-RQD=80; shrp nat trailing ct@39; 2-3% blk graph-chl fract's+ 1" zones; 5% med gy sil'n around chl fract's@55; 1% q-ank; non mag
GB10-05	63.55	65.00	6e		Graphitic Argillite	blk		aph		heavy graph; aph; not competent-RQD=20; 8% cse bleb py; locy BC; bedding @15-55; BC common; non mag
GB10-06	0.00	2.15	100		Casing					
GB10-06	2.15	12.50	QFP		Quartz-Feldspar Porphyry	dk red-br	pa-med gy	cse		competent, RQD=70; locy wy mag; red-br; 10% anhed qtz+20% feldspar 1/8" phenos; 1% q-ank 1/8" vn's@gen 70; 1% blk-dk gy 1/4"-1/2" xenos's; rare-1% f d py; locy hem'd wy to red assd w q-ank; shrp nat trailing ct@77 is undulatory w 1/8"q-ank vn in BC
GB10-06	12.50	13.00	3s		Intermediate Dyke	med gy		med		posy intermediate dyke, but posy augites visible- 20% 1/8" chl'd anhed phenos; shrp nat trailing ct@77; 0.05m inlier of por @55 on slip; 5% q-ank vn's 1/8"-1/2"@50-75; dyke is fairly fresh
GB10-06	13.00	21.35	QFP		Quartz-Feldspar Porphyry	dk red-br	pa-med gy	cse		competent, RQD=70; locy wy mag red-br until grad change to pa-med gy@19.0; 10% anhed qtz+20% feldspar 1/8" phenos; 1% q-ank 1/8" vn's@gen 70; 1% blk-dk gy 1/4"-1/2" xenos's; shr trailing ct@58 is shr
GB10-06	21.35	53.50	8b		Wacke	dark green	dk gy	aph	fg	initially @21.35-22.5 could be mafic intrusive-can see up to 1/4" prismatic pheno's? but elsewhere multiple grained incl qtz to 1/4"-all grey; thereafter- heterogeneous w beds to 1' of highly attenuated Basal grit (+rip-ups) in aph-fg wacke (silt to almost graph beds); 2% qv's-q-ank vn's are bullish gen &@40-61-locy w 1-3% cse d py; pa gy qv@35.8-36.2 is MAIN ZONE; no jaspers seen; shrp nat trailing ct@35; non mag; fine bedding@30 in graphitic-like aph seds@53.6-55.7
GB10-06	53.50	66.80	6e		Graphitic Argillite	blk	dk gy	aph		not much graph but v dk gy-blk, aph and has graphitic appearance; shrp nat trailing ct is indistinc but likely@59 where bedding abruptly stops w flazer into unconformity; competent-RQD=70; <1% q-ank 1/8" vn's@50; locy BC; bedding up to 1' @55+73; non mag
GB10-06	66.80	92.40	13e		Basic Syenite	med gy		mg	fg	homogeneous; competent-RQD=80; 2% q-ank vn's to 1" ge@70-80; non mag20% pa gn lathes aug?+10% 1/8" blk chl-after-horn? In med gy groundmass (feld+); locy aph pa gy-lime gn chert/mudstone units to 3m w bx'd rip-ups (interflow units?) @72.25-73.2, 82.9-85.8; block problem-between 84m and 87m block locations is extra 1.4m (one row), carrying on through-eoh says 91 is 92.4m; same unit as in GB10-05 @19.4-20.5
GB10-07	0.00	5.30	100		Casing					
GB10-07	5.30	17.70	8a		Conglomerate	med gy	gn-gy	cse		50% highly attenuated (5:1) well rounded clasts locy conc; clasts to 1" polymictic; poorly sorted; all fresh; non cbd; non mag; mtrix is fg med gy; no jaspers; fld stry@56-63 esp @14.0-ct; 2-4% cse d py locy conc in chl; rare q-ank 1/8"-1/4" vn's/blebs@10; competent RQD=80 decr'g to ct where RQD=40; well min'd med-dk gy qv w abun ser'n@ct-Goldbanks Brk?; shrp trailing ct is qv+shr
GB10-07	17.70	21.70	8b		Wacke	med gn	dk gn-gy	aph		homogeneous w 1/8"-1/4" beds?@64 are locy folded to 10 w slump structures-posy x-bedding;aph wacke (silt to almost mudstone beds); rare q-ank vn's are bullish gen &@64; rare-2% f d py locy conc assd w v wk sil'n; 2* 1/8" ox'd q-ank vn's@64; shrp nat trailing ct83
GB10-07	21.70	39.15	QFP		Quartz-Feldspar Porphyry	dk red-br	pa-med gy	cse		competent, RQD=70; non mag; red-br; 10% anhed qtz+20% feldspar 1/8" phenos; 1% q-ank 1/8" vn's@gen 70; 1% blk-dk gy 1/4"-1" xenos's; rare-1% cse d py; locy hem'd wy to red assd w chl-q-ank; shrp nat trailing ct is flt in BC
GB10-07	39.15	40.30	8b		Wacke	dark green	dk gy	aph	fg	homogeneous w 1/8"-1/4" beds?@64 are locy folded to 10 w slump structures-posy x-bedding;aph wacke (silt to almost mudstone beds); rare q-ank vn's are bullish gen &@64; rare-2% f d py locy conc assd w v wk sil'n; 2* 1/8" ox'd q-ank vn's@64; shrp nat trailing ct83

GB10-07	40.30	49.70	8a		Conglomerate	med gy	gn-gy	cse		50% highly attenuated (5:1) well rounded clasts locy conc; clasts to 1" polymictic; poorly sorted; all fresh; non cbd; non mag; mtrix is fg med gy; rare jaspers; fld stry@52; 1-4% cse d py locy conc in chl-rarely 1-2% f d py; rare q-ank 1/8"-1/4" vn's@70-80; competent RQD=80; shrp nat trailing ct @37
GB10-07	49.70	50.10	3s		Intermediate Dyke	med gy		aph		aph med gy dyke w chl fract's@127; 1/4" q-ank vn@135; shrp nat trailing ct @45; non mag
GB10-07	50.10	62.85	8a		Conglomerate	med gy	gn-gy	cse		50% highly attenuated (5:1) well rounded clasts locy conc; clasts to 1" polymictic; poorly sorted; all fresh; non cbd; non mag; mtrix is fg med gy; rare jaspers; fld stry@52; 1-4% cse d py locy conc in chl-rarely 1-2% f d py; rare q-ank 1/8"-1/4" vn's@70-80; competent RQD=80; shrp nat trailing ct @62
GB10-07	62.85	72.90	8b		Wacke	med gy	dk gy	fg	aph	mostly homogeneous;aph dk gy wacke (silt to almost mudstone beds)@69.4-69.9@60; rare q-ank vn's are bullish @52 locy conc; 2% f d py locy conc; shrp nat trailing ct@67; non mag
GB10-07	72.90	78.10	2a		Mafic Flows	pa gy-gn	med gy	aph	fg	competent-RQD=80; shrp nat trailing ct@48; non mag; initially highly shrd to 76.3 w ser-chl-sil (could be all selvage-olive gn w abun chl fract's) foll by mauve hue-alb'd?; 2% q-ank vn's@70
GB10-07	78.10	89.10	10a		Gabbro	med gy	dk gy	fg		0.3m chill zones w shrp nat ct's (trailing@37); 5% clots pa gn 1/4"+25% feld; 5% 1/8" chl-after-horn
GB10-07	89.10	89.50	2a		Mafic Flows	pa gy	buff	aph	fg	competent-RQD=80; shrp nat trailing ct@65; non mag; selvage-pillowed
GB10-07	89.50	92.00	10a		Gabbro	med gy	dk gy	fg		0.3m chill zones w shrp nat ct's (trailing@42); 5% clots pa gn 1/4"+25% feld; 5% 1/8" chl-after-horn
GB10-07	92.00	114.00	2a		Mafic Flows	pa gy	buff	aph	fg	homogeneous; competent-RQD=80;8% q-ank vn's to 3/4" gen@50; non mag; selvages locy w ser-epi-sil
GB10-08	7.30	18.10	8a		Conglomerate	med gy	gn-gy	cse		50% mody attenuated (2:1) well rounded clasts locy conc; clasts to 2" polymictic; poorly sorted; all fresh; non cbd; non mag; mtrix is fg med gy; no jaspers; fld mody@55-60; <1% cse d py locy conc in chl; rare q-ank 1/8"-1/4" vn's@30; competent RQD=80; initially to 7.8-beds down to grit size@55; shrp nat trailing ct @47 in BC
GB10-08	18.10	18.50	3s		Intermediate Dyke	med gy		aph		aph med gy dyke; shrp nat trailing ct is flt in 0.1m BC @28; non mag
GB10-08	18.50	24.75	8a		Conglomerate	med gy	gn-gy	cse		50% mody attenuated (2:1) well rounded clasts locy conc; clasts to 2" polymictic; poorly sorted; all fresh; non cbd; non mag; mtrix is fg med gy; no jaspers; fld mody@55-60; <1% cse d py locy conc in chl; rare q-ank 1/8"-1/4" vn's@30; competent RQD=80; wacke subunit @24.28-24.75 w 5% q-ank bull vn's to 3/4"; shrp nat trailing ct @72 is bl'd
GB10-08	24.75	36.05	QFP		Quartz-Feldspar Porphyry	dk red-br	pa-med gy	cse		competent, RQD=80; non mag; red-br; 10% anhed qtz+20% feldspar 1/8" phenos; 1% q-ank 1/8" vn's@gen 30-45; 1% blk-dk gy 1/4"-1" xenos's; rare cse d py; shrp nat trailing ct @60 is shr'd mody+bl'd
GB10-08	36.05	40.25	8b		Wacke	dk gn	gy-gn	aph	fg	mostly homogeneous;aph dk gn wacke (silt to almost mudstone grad grades to fg wacke downhole); rare q-ank vn's are bullish @45 locy conc; 2-3% f d py locy conc; shrp nat trailing ct@56; non mag
GB10-08	40.25	53.75	8a		Conglomerate	med gy	gn-gy	cse		50% mody attenuated (2:1) well rounded clasts locy conc; clasts to 2" polymictic; poorly sorted; all fresh; non cbd; non mag; mtrix is fg med gy; rare jaspers; fld mody@55-60; <1% cse d py locy conc in chl; rare q-ank 1/8"-1/4" vn's@30; competent RQD=80; shrp nat trailing ct @71 is fresh
GB10-08	53.75	58.10	8b		Wacke	dk gn	gy-gn	aph	fg	mostly homogeneous;aph dk gn wacke (silt to almost mudstone); rare q-ank vn's are bullish @75 & folded locy conc; rare-1% f d py locy conc; shrp nat trailing ct@65; non mag; 0.3m bull q-ank vn@80@57.65-57.9
GB10-08	58.10	70.80	8a		Conglomerate	med gy	gn-gy	cse		50% mody attenuated (2:1) becomes highly atten downhole@53 (5:1) well rounded clasts locy conc; clasts to 2" polymictic; poorly sorted; all fresh; non cbd; non mag; mtrix is fg med gy; rare jaspers; fld mody@55-60; <1% cse d py locy conc in chl; rare q-ank 1/8"-1/4" vn's@30-70; competent RQD=80; shrp nat trailing ct @61 is wy shrd
GB10-08	70.80	83.60	QFP		Quartz-Feldspar Porphyry	med gy		cse		not competent, RQD=20; non mag; med gy; fresh; 10% anhed qtz+20% feldspar 1/8" phenos; 1% q-ank 1/16" vn's@gen 30-45; 1% blk-dk gy 1/4"-2" xenos's; rare cse d py; trailing ct is str mud flt @67
GB10-08	83.60	84.00	2a		Mafic Flows	pa gy	med gy	aph	fg	homogeneous; not competent-RQD=0; non mag; could be anything but looks most like andesite rare cse d py all BC

Hole_ID	From	To	Width	Fault_Type	Fault_Modifier	Fault_Intensity	Core Angle	Comments
GB10-01	19.90	20.20	0.30	slip	qtz healed	weak	0	
GB10-01	79.50	82.00	2.50	blocky	possible calcite wear on slips			
GB10-01	116.80	116.80	0.00	slip	fault-slip healed with qtz+calcite + chl	weak	35	mild silica alteration around flt-slip
GB10-01	129.65	129.78	0.13	slip	fault-slip healed with qtz+calcite + chl	weak		5 deg and 50 deg TCA; blocky ground from 129 to 130.6 m; slip-veins <0.5 cm wide
GB10-01	130.50	130.90	0.40	fault	slips healed with qtz+calcite+carb+chl	weak		5 and 20 deg TCA; slip veins no greater than 0.8 cm wide
GB10-01	166.13	166.60	0.47	slip	hairline with associate qtz+carb veining	weak	15	
GB10-01	187.63	187.64	0.00	fault	slip with qtz+carb+ser+chl	mod	90	
GB10-01	190.24	190.58	0.34	fault	05 Break?	strong	85	from 190.24 to 190.58 m '05 Break? hairline fault slips at 80 to 90 deg TCA with chl+ser,from 190.4 to 190.59 qtz+calcite+chl+carb vein - given angle TCA may not be '05 BK? unless at this point is BK is shallow dipping
GB10-01	232.15	232.16	0.01	fault		mod	20	2 cm wide fault at 232.15 m at 20 deg TCA with silica+chl+f.g. py
GB10-01	232.16	239.50	7.34	fracture	brittle fracturing	weak		15% weak brittle fracturing healed with carb+qtz at 20 to 50 deg TCA
GB10-01	263.50	263.50	0.00	fault	gouge+qtz+very fine py	strong	55	
GB10-01	269.60	269.60	0.00	slip	penetratve slips with ser+chl	weak	45	also weak slips at 270 m; both sections no greater than 1 cm wide
GB10-01	280.24	280.24	0.00	slip	fault with associated silica band 1 cm wide	mod	30	
GB10-02	21.60	21.90	0.30	fault	chl	wk	16	1/16" gouge
GB10-02	25.40	25.50	0.10	fault	chl	strong	46	1" mud gouge in BC
GB10-02	35.10	35.18	0.08	shear	q-chl-ser	mod	39	
GB10-02	39.00	39.70	0.70	shear	q-chl-ser	mod	64	
GB10-02	48.47	48.52	0.05	myl	chl	mod	53	
GB10-02	93.23	93.35	0.12	shear	chl	strong	60	
GB10-02	109.9	110.5	0.60	fault	bx	strong	10	and 50 deg TCA
GB10-02	116.9	116.91	0.01	slips	shear	weak	65	1 cm wide
GB10-03	23.15	23.20	0.05	slip	chl	strong	22	
GB10-03	35.40	35.50	0.10	slips	chl-q-ank	strong	15	
GB10-03	37.80	37.84	0.04	slip	chl	mod	15	
GB10-04	17.50	17.52	0.02	slip	chl	mod	42	
GB10-04	33.00	33.03	0.03	slip	chl	strong	45	
GB10-05	10.40	10.45	0.05	fault	chl	mod	50	
GB10-05	19.50	19.55	0.05	shear	chl-ser-q-ank	strong	71	
GB10-05	24.36	24.40	0.04	fault	chl	strong	86	1/8" gouge
GB10-05	31.00	31.03	0.03	slip	chl	mod	60	
GB10-05	37.90	37.95	0.05	fault	chl-graph	wk	20	posy gouge 1/16"
GB10-05	51.70	51.83	0.13	fault	chl-graph	strong	30	
GB10-06	21.30	21.32	0.02	shr	ser-chl	wk	60	
GB10-06	21.45	21.50	0.05	shr	ser-chl	wk	55	
GB10-06	31.45	31.48	0.03	fault	chl	strong	45	1/16" chl gouge
GB10-06	31.60	31.63	0.03	fault	chl	strong	42	1/8"-1/4" clay gouge
GB10-06	36.20	36.23	0.03	fault	ser-chl	strong	47	
GB10-06	53.50	53.55	0.05	fault	graph-chl	wk	35	
GB10-06	57.10	57.20	0.10	fault	graph-chl	mod	16	1/16" gouge
GB10-06	58.65	58.70	0.05	fault	graph-chl	mod	16	1/16" gouge
GB10-06	58.00	58.10	0.10	fault	graph-chl	strong	16	1/8" gouge imm prec by 1/4" q-ank
GB10-06	61.80	61.90	0.10	fault	graph-chl	strong	33	
GB10-07	17.72	17.92	0.20	shear	ser-qtz-chl	strong	57	GC; BC; gouge at least 1/2"
GB10-07	47.82	47.87	0.05	slip	chl	mod	32	
GB10-07	48.30	48.35	0.05	fault	chl	strong	27	at least 1/2" mud gouge in BC
GB10-07	50.72	50.75	0.03	fault	chl	wk	46	1/16"clay gouge
GB10-08	9.52	9.55	0.03	slip	chl-q-ank-ser	wk	85	
GB10-08	18.40	18.55	0.15	fault	chl	strong	28	at least 1/4"clay+ chl ann bx in BC
GB10-08	24.20	24.28	0.08	shear	chl-ser-q-ank	strong	75	shims in BC
GB10-08	36.05	36.10	0.05	shear	chl-ser	mod	52	
GB10-08	54.22	54.24	0.02	fault	chl	mod	73	1/8" clay gouge-fresh wallrock
GB10-08	55.85	55.95	0.10	fault	chl	mod	62	1/8" clay gouge imm prec by 0.1m BC-shr'd
GB10-08	63.86	63.91	0.05	fault	chl	mod	53	1/8" clay gouge-fresh wallrock

GB10-08	83.60	83.75	0.15	fault	chl	strong	67	1/4"-3/4" mud gouge imm fll by 0.05m volcanics imm foll by 1.5" mud gouge
GB10-08	78.85	78.87	0.02	fault	chl	mod	65	BC-posy 1/8" clay

Hole_ID	From	To	Sample_#	Length	Au ppm	Description	Au ppm_ck	Au ppm-ck2
GB10-01	18.00	18.60	B33916	0.60	<.03	possible slip at contact 18.3 between arenite and syenite; 10% qtz veining		
GB10-01	18.60	19.10	B33917	0.50	<.03	15% opaque white qtz veining		
GB10-01	19.10	19.80	B33918	0.70	<.03	25% qtz+epi+chl veining at 20 and 35 deg TCA with splashes of cpy in veining		
GB10-01	19.80	21.00	B33920	1.20	<.03	low angle slip from 19.9 to 20.2 m		
GB10-01	22.30	23.50	B33921	1.20	<.03	three subparallel brown feldspar filled veining, discontinuous at 50 deg TCA		
GB10-01	23.50	24.50	B33922	1.00	<.03	negligible veining		
GB10-01	24.50	25.40	B33923	0.90	<.03	24.5 to 24.8 m qtz+epi+chl+tremolite? at 35 deg TCA and at 25.05 to 25.2 m 20 deg TCA qtz+epi veining 0.2 cm wide with splashes cpy and slip at 0 deg TCA with calcite+qtz and splashes of cpy; overall qtz veining at 35%		
GB10-01	25.40	26.50	B33924	1.10	<.03	10% qtz+calcite (pink hue) veining at 1 cm wide at 20 deg TCA; no visible mineralization; porphyry contact at 26.3m		
GB10-01	41.60	42.40	B33925	0.80	<.03	41.9 m 0.5 cm wide qtz+carb bx vein at 80 eg TCA;subparallel veinlets <0.2 cm wide at 80 deg TCA		
GB10-01	46.60	47.10	B33926	0.50	<.03	at 46.9 m 2 cm wide qtz+epi veinlets at 25 deg TCA at contact between Arenite and CNG		
GB10-01	55.70	56.20	B33927	0.50	<.03	at 55.94 m 1 cm wide hydrothermal carb bx at 80 deg TCA		
GB10-01	57.40	58.00	B33928	0.60	<.03	4 subparallel opaque white veinlets with carb at 0.1 cm wide each at 55 to 60 deg TCA		
GB10-01	62.20	62.95	B33930	0.75	<.03	at 62.42 to 62.53 m 0.5cm opaque white carb veins at 60 deg TCA; 10% overall veining		
GB10-01	92.20	93.60	B33931	1.40	<.03	opaque white qtz+carb veining at 5 -10degTCA		
GB10-01	116.00	116.70	B33932	0.70	<.03			
GB10-01	116.70	117.50	B33933	0.80	<.03	116.8 m fault-slip with qtz+calcite+chl at 35 deg TCA with mils pervasive silica alteration from 116.8 to 116.9 m with <1% f.g. euhedral py;		
GB10-01	117.50	118.30	B33934	0.80	<.03	at 117.4 m sharp lower contact between CNG-Arenite at 20 deg TCA with 1.5 cm mild silica band, negligible py		
GB10-01	124.50	125.30	B33935	0.80	<.03	at 124.6 m 40deg TCA slip healed with chl		
GB10-01	125.30	126.10	B33936	0.80	<.03	<5% qtz+calcite+carb veinlets at 20 deg TCA		
GB10-01	129.00	129.50	B33938	0.50	<.03	5% white opaque veinlets at variable angles		
GB10-01	129.50	130.40	B33939	0.90	<.03	slip-veins <0.5 cm wide 5 deg and 50 deg TCA; blocky ground from 129 to 130.6 m;		
GB10-01	130.40	130.90	B33940	0.50	<.03	slips healed with qtz+calcite+carb+chl, 5 and 20 deg TCA; slip veins no greater than 0.8 cm wide		
GB10-01	130.90	131.60	B33941	0.70	<.03			
GB10-01	134.60	135.10	B33942	0.50	<.03	fine py bands <0.1 cm wide at 20 deg TCA at contact between med & fine grained units, 5 cm wide section; overall 1% py; no associated alt'n; precipitated out?		
GB10-01	148.60	149.10	B33943	0.50	<.03	fine grained py in narrow bands in 8 cm wide section at 40 deg TCA; no alt'n or associated structure		
GB10-01	164.10	164.80	B33944	0.70	<.03	2.5 cm wide narrow f.g. py banding at 5 to 10 deg TCA; precipitous primary py? Overall py at 2%		
GB10-01	166.10	166.60	B33945	0.50	<.03	fault slips at 15 deg TCA with 3 cm wide qtz+carb vein at 15 deg TCA and silica bleaching; <1% py		
GB10-01	171.00	171.50	B33946	0.50	<.03	171.2 m <0.1 cm slips with qtz+carb healing		
GB10-01	185.10	185.60	B33947	0.50	<.03	5% opaque white qtz+carb veinlets at 80 to 90 deg TCA; negigible eu f.g.py		
GB10-01	185.60	187.00	B33948	1.40	<.03	5% opaque white qtz+carb veinlets at 80 to 90 deg TCA; negigible eu f.g.py		
GB10-01	187.00	187.50	B33949	0.50	<.03			
GB10-01	187.50	188.00	B33950	0.50	<.03	at 187.63 1m fault slip at 90 deg TCA with qtz+carb+ser+chl; f.g primary? py at 187.95 with proximal to mauve-white coloured vein 1 cm wide at 75 deg TCA; overall <1% py		
GB10-01	188.00	188.50	B33951	0.50	<.03			
GB10-01	188.50	189.00	B33952	0.50	<.03	3 subparallel opaque white qtz+carb veins <0.8 cm wide at 80 to 90 deg TCA; negligible py		
GB10-01	189.00	189.50	B33953	0.50	<.03			
GB10-01	189.50	190.10	B33954	0.60	<.03	<5% mauve coloured veinlets <0.3 cm wde at 80 deg TCA; <1% py in matrix		
GB10-01	190.10	190.60	B33955	0.50	<.03	**from 190.24 to 190.58 m '05 Break? hairline fault slips at 80 to 90 deg TCA with chl+ser,from 190.4 to 190.59 qtz+calcite+chl+carb vein - given angle TCA may not be '05 BK? unless at this point is shallow dipping**		
GB10-01	190.60	191.10	B33957	0.50	<.03	a <0.1 cm wide mauve coloured qtz vein at 190.65 m; no visible sulphide mineralization		
GB10-01	191.10	192.00	B33958	0.90	<.03	<2% late qtz veinlets at 85 deg TCA		
GB10-01	192.00	192.50	B33959	0.50	<.03	192 to 192.1 m, two <0.2 cm py bands at 25 deg TCA; overall <1% py; no associate structures		
GB10-01	199.50	200.10	B33960	0.60	<.03	three subparallel qtz veins <0.5 cm wide at 20 deg TCA		
GB10-01	216.30	216.80	B33961	0.50	<.03	216.4 to 216.5 m, 10 cm wide, 0.1 cm py bands at 20 degTCA, prior to weak ser altn - no visible structure		
GB10-01	224.95	225.50	B33962	0.55	<.03	upper & lower contacts between arenite & conglomerate with .5 cm mauve coloured qtz vein at 20 deg TCA, no visible py		
GB10-01	231.20	232.00	B33963	0.80	<.03	medium brown bands of weak silica?, 10% carb healed fractures; negligible f.g. eu py in matrix		
GB10-01	232.00	232.50	B33964	0.50	<.03	2 cm wide fault at 232.15 m at 20 deg TCA with silica+chl+f.g. py; 10% carb healed fractures		
GB10-01	234.90	236.10	B33965	1.20	<.03	moderate increase 15% in brittle fracturing <0.2 cm wide healed with opaque white carb+qtz; 1% diss f.g. eu py in matrix		
GB10-01	236.10	237.20	B33966	1.10	<.03	15% brittle fracturing with qt+ carb; negligible py eu f.g. in matrix		
GB10-01	237.20	238.80	B33968	1.60	<.03	as with 236.1 to 237.2		
GB10-01	238.80	239.60	B33969	0.80	<.03	15% fracturing with qtz+carb; at contact between arenite and congl 1 cm dark silica band with carb veinlet at 30 deg TCA; <1% diss eu f.g. py in matrix		
GB10-01	241.70	242.20	B33970	0.50	<.03	241.8 and 242 m two veins at 15 deg TCA < 0.5 cm wide vein with light brown margins		
GB10-01	244.70	245.20	B33971	0.50	<.03	244.9 m 1 cm wide qtz+carb vein light brown margins with cpy+py		
GB10-01	247.50	248.00	B33972	0.50	<.03	247.75 qtz+carb at 55 deg TCA - 2 cm wide		
GB10-01	249.60	250.00	B33973	0.40	<.03	arenite-syenite contact hem+ser+chl+epi alt'n with qt veinlets negligible py		
GB10-01	250.00	251.50	B33974	1.50	<.03	syenite - no fracturing or visible mineralization		
GB10-01	251.50	252.00	B33975	0.50	<.03	251.6 to 251.7 m carb+epi+chl veining <0.3 cm wide at 10 deg TCA; negligible py		
GB10-01	252.00	253.30	B33976	1.30	<.03	syenite, magnetic no visible py		
GB10-01	253.30	253.90	B33977	0.60	<.03	3.5 cm wide carb+qtz+epi+chl at 15 deg TCA splash cpy		
GB10-01	253.90	254.40	B33979	0.50	<.03	35% carb+qtz+epi+chl veining at 10 to 15 deg TCA and 65 deg TCA with cpy occurences in veining, <1% py		
GB10-01	254.40	254.90	B33980	0.50	<.03	35% carb+qtz+epi+chl veining at 10 to 15 deg TCA and 65 deg TCA with cpy occurences in veining, <1% py		
GB10-01	254.90	255.50	B33981	0.60	<.03	15% carb+qtz+epi+chl veining; 0 deg TCA slip with chl+hem+carb from 254 to 255.4 m		
GB10-01	255.50	256.00	B33982	0.50	<.03	<10% veining		
GB10-01	256.00	256.50	B33983	0.50	<.03	<10% veining negligible py		
GB10-01	256.50	257.00	B33984	0.50	<.03	<5% veining		
GB10-01	257.00	257.80	B33985	0.80	<.03	10% veining at 0 deg TCA and 70 deg TCA from 257 to 257.4 m		
GB10-01	257.80	258.30	B33986	0.50	<.03	contact syenite-arenite		

GB10-01	258.30	258.80	B33987	0.50	<.03	0 deg TCA 1-2mm qtz vein with cpy		
GB10-01	258.80	259.60	B33988	0.80	<.03	from 258.8 to 259.5 m a o deg TCA 2mm veinlet with splashes of cpy		
GB10-01	259.60	260.10	B33989	0.50	<.03	rare chl+epi vein at 40 deg TCA 1 cm wide		
GB10-01	260.10	261.00	B33990	0.90	<.03	20% qtz+carb+chl+epi veining at 10 to 15 deg TCA		
GB10-01	261.00	261.50	B33991	0.50	<.03	at 261.3 m 3.5 cm wide vein qyz+carb+chl+epi at 25 deg TCA		
GB10-01	261.50	262.40	B33992	0.90	<.03	5% qtz+carb+chl veinlets <0.3 cm wide at 35 deg TCA		
GB10-01	262.40	263.20	B33994	0.80	<.03	fractures <0.5 cm wide healed with hem+qtz+carb+chl+epi		
GB10-01	263.20	263.70	B33995	0.50	<.03	**strong fault at 263.5 m at 55 deg TCA with fine grained py in qtz veinlet along fault, some gouge**		
GB10-01	263.70	264.50	B33996	0.80	<.03	10% veining - qtz+carb+chl+epi, minor spalshes of cpy		
GB10-01	264.50	265.60	B33997	1.10	<.03	<5% qtz+carb+chl veining at 30 deg TCA		
GB10-01	265.60	266.40	B33998	0.80	<.03	as above		
GB10-01	266.40	267.10	B33999	0.70	<.03	qtz+carb+chl vein 1.5 cm wide at o deg TCA from 266.5 to 267.1 m		
GB10-01	267.10	267.70	B34000	0.60	<.03	<5% qtz+carb+chl veining at 30 deg TCA		
GB10-01	269.40	270.15	B25001	0.75	<.03	at 269.6 m and 270 m weak penetrative hairline slips at 35 to 45 deg TCA		
GB10-01	280.00	280.50	B25002	0.50	<.03	at 280.24 m slip-fault with associated silica band 1 cm wide with minor py		
GB10-02	21.10	21.60	B33867	0.50	<.03	wk flt		
GB10-02	21.60	22.50	B33868	0.90	<.03	pa gy		
GB10-02	22.50	23.05	B33869	0.55	<.03	pa gy ct w br hue@32@22.5		
GB10-02	23.05	24.30	B33870	1.25	<.03	5% carb-q-ank; br hue		
GB10-02	24.30	25.20	B33871	0.90	<.03	5% carb-q-ank; br hue		
GB10-02	25.20	25.80	B33872	0.60	<.03	**at least 1" mud gouge BRK in BC imm prec by 1"chl annealed myl@25.4-25.5 could be '05 BRK, imm prec by wy hem'd+shr'd but no py/q str's**		
GB10-02	25.80	26.60	B33874	0.80	<.03	chlc 1/2" halo along 1/8" carb-ank vn @35		
GB10-02	26.60	27.20	B33875	0.60	<.03	0.1m med gy aph ct w Lamp imm prec by 1% f d py over 0.3m		
GB10-02	27.20	27.85	B33876	0.65	<.03	Lamp		
GB10-02	27.85	28.85	B33877	1.00	<.03	Lamp		
GB10-02	28.85	29.50	B33878	0.65	<.03	ct		
GB10-02	34.20	34.90	B33879	0.70	<.03	fresh		
GB10-02	34.90	35.40	B33880	0.50	<.03	1-1.5" wt bullish q str's to 1/2" w ser+chl shr'g@39 w one 1/8"clot cp plus rare f d py		
GB10-02	35.40	36.25	B33881	0.85	<.03	fresh		
GB10-02	37.90	38.85	B33882	0.95	<.03	fresh		
GB10-02	38.85	39.35	B33883	0.50	<.03	1"wt bullish q str's to 1/4" w ser+chl shr'g@64		
GB10-02	39.35	40.10	B33884	0.75	<.03	fresh		
GB10-02	40.10	41.40	B33885	1.30	<.03	fresh		
GB10-02	41.40	42.00	B33886	0.60	<.03	ct; 15% epi; hem'd wy in Lamp		
GB10-02	45.15	46.10	B33887	0.95	<.03	5%epi assd w q-ank vn's to 1/4"@43+ rare actinolite		
GB10-02	48.15	48.75	B33888	0.60	<.03	ct is 1" blk aph myl? W 1% f d py+ that truncates q-ank veins following		
GB10-02	92.30	93.10	B33889	0.80	<.03	<5% lt carb+qtz veining; no visible py		
GB10-02	93.10	93.60	B33890	0.50	<.03	sheared syenite between wacke-congl units; 1% py in congl over 2.5 cm at contact		
GB10-02	93.60	94.30	B33891	0.70	<.03	<% lt carb+qtz healed fracturing		
GB10-02	95.80	96.30	B33892	0.50	<.03	contact congl with syenite		
GB10-02	97.30	97.80	B33893	0.50	<.03	syenite + wacke		
GB10-02	107.00	107.90	B33894	0.90	<.03	start of brittle fracture section 107 to 113.4 m; 5% discontinous brittle fractures filled with carb+qtz+minor chl; <1% py in narrow fractures		
GB10-02	107.90	108.50	B33895	0.60	<.03	5% brittle fractures with qtz+carb; negligible py		
GB10-02	108.50	109.10	B33896	0.60	<.03	20-25% qtz+carb+chl veining; 2-5% hem; hem alteration		
GB10-02	109.10	109.90	B33898	0.80	<.03	10% qtz+carb filling in brittle fractures		
GB10-02	109.90	110.50	B33899	0.60	<.03	45% qtz+carb+chl in fault bx at 10 to 50 deg TCA; 5-7% hem; negligible py;		
GB10-02	110.50	111.00	B33900	0.50	<.03	5% qtz+carb veining; hem alteration in veining		
GB10-02	111.00	111.90	B33901	0.90	<.03	20% white qtz+car fill in veining at 50 to 55 deg TCA		
GB10-02	111.90	113.40	B33902	1.50	<.03	15% white qtz+carb at 40 deg TCA and at 0 deg TCA; some epi on margins; negigible py		
GB10-02	113.40	114.00	B33903	0.60	<.03	10% white qtz+carb in fractures		
GB10-02	114.00	115.00	B33904	1.00	<.03	10% white qtz+carb in fractures		
GB10-02	115.00	116.00	B33905	1.00	<.03	10% white qtz+carb in fractures		
GB10-02	116.00	116.80	B33906	0.80	<.03	10% white qtz+carb in fractures; ladder style veining between two slips		
GB10-02	116.80	117.30	B33907	0.50	<.03	at 116.9 m, a 1 cm wide ser+epi+grey-white qtz +carb narrow shear-slips at 65 deg TCA in wacke near contact with porphyry		
GB10-02	117.30	118.00	B33908	0.70	<.03	negligible fractures; no sulphides		
GB10-02	125.50	126.00	B33909	0.50	<.03	at 125.7 to 125.8 m 5-7% f.g. diss py remobed proximal to a late grey-white carb vein		
GB10-02	150.00	150.80	B33910	0.80	<.03	<2% qtz+carb fractures		
GB10-02	150.80	151.50	B33912	0.70	<.03	10% qtz veining in porphyry		
GB10-02	151.50	152.30	B33913	0.80	<.03	151.93 to 152.15 m three subparallel <0.3 cm wide qtz+carb veinlets at 55 deg TCA		
GB10-02	152.30	153.00	B33914	0.70	<.03			
GB10-02	155.70	156.30	B33915	0.60	<.03	at 155.75 m approx 3 cm weak non-penetrative shear at 45 deg TCA		
GB10-03	10.10	10.80	B25003	0.70	<.03	vuggy over 0.1m-rusty; wy sil'd @ tra cobble ct		
GB10-03	22.75	23.40	B25004	0.65	<.03	0.05m q-ank-chl-ser vn@23 w 3-4% f d py locy conc on chl slip over 1/4" either side; bl'd mody		
GB10-03	27.20	28.00	B25005	0.80	<.03	0.05m bull q-ank vn's to 1/4"@34 w 1-2% f d py locy conc on chl fract's in wy-mody bl'd 0.1m		
GB10-03	33.40	34.10	B25006	0.70	<.03	cong+arenite-no py		
GB10-03	34.10	34.60	B25007	0.50	<.03	wy bl'd conc on chl@42 w 1% f d py;		
GB10-03	34.60	35.60	B25008	1.00	<.03	BC; orange-red altn? Up to 1/2" in shims w chl-q-ank-ser ct's w slicks+ rare f d py@15		
GB10-03	35.60	36.10	B25009	0.50	<.03			
GB10-03	36.10	37.00	B25010	0.90	<.03	chl fract's@14		
GB10-03	37.00	37.60	B25011	0.60	<.03			
GB10-03	37.60	38.60	B25012	1.00	<.03	BC; 1% f d py locy conc on chl slip in BC@15		
GB10-03	42.65	43.30	B25013	0.65	<.03	2% f d py assd w chl-q-ank @22		
GB10-03	82.60	83.30	B25014	0.70	<.03	inc'gly bl'd downhole		
GB10-03	83.30	83.80	B25015	0.50	<.03	1-2% f d py; bl'd; 0.1m q-ank-chl bullish vn@42; ser'd		
GB10-03	83.80	84.50	B25016	0.70	<.03	bl'd@20; ser'd		
GB10-03	84.50	85.80	B25017	1.30	<.03	1/4"q-ank vn@146 w 2% f d py; ser'd		
GB10-03	85.80	87.00	B25018	1.20	<.03	bl'd; BC for 0.3m w chl-ser@20; ser'd		
GB10-03	87.00	88.00	B25019	1.00	<.03	bl'd; ser'd; rare-1% f d py		
GB10-03	88.00	88.65	B25020	0.65	<.03	pkish-pa gy sil 1/4" vn w chl-ser@39 w 3-5% f d py@88.05 imm foll by 0.1m wy sil'd pa gy zone w abun ser, 1% f d py+10% q-ank 1/8" vn's@150;at least 1/4" discontinuous q-ank vn @20 w rare f d py@88.6		
GB10-03	88.65	89.15	B25022	0.50	<.03	rare-1% f d py; ser'd		
GB10-03	89.15	90.00	B25023	0.85	<.03	rare-1% f d py; ser'd; BC220		
GB10-04	16.20	17.30	B25024	1.10	<.03			

GB10-04	17.30	17.80	B25025	0.50	<.03	2*1/8"-1/4" q-ank vn's@42+59- 1st is ox'd+vuggy on tight chl slip, is med grey imm foll by 1"ser-chl +5%wt q-ank str's		
GB10-04	17.80	18.75	B25026	0.95	<.03	w bl'd		
GB10-04	31.80	32.80	B25027	1.00	<.03			
GB10-04	32.80	33.35	B25028	0.55	<.03	tight chl slip/flt is ox'd imm prec b up to 1/4" q-ank frag's w 2%f d py imm foll by 1/4" med gy qv w 2% f d py imm foll by 1/4" wt q-ank vn w 1% f d py		
GB10-04	33.35	34.05	B25029	0.70	<.03			
GB10-04	55.50	56.00	B25030	0.50	<.03	2-3% f d py locy conc in 1" pa gy q-carb@40 in shear shadow off cobble		
GB10-04	60.55	61.30	B25031	0.75	<.03	1/8" q-ank vn imm foll by tight ser-chl slip, imm prec by 1/2" ser-chl shr w 2% f d py; entire sample slightly more shr'd w ser-chl@40-55+ rare 1/16"q-ank vn's+1-2% f d py		
GB10-05	2.30	2.90	B25032	0.60	<.03	0.1m wy hem'd w 5% 1/8"q-ank vn's@80+35 imm prec by BC w ox'd chl fract's; 2-4% f d py+1% cse d py locy conc in ser-chl gen@75		
GB10-05	8.10	8.70	B25033	0.60	<.03	0.1m wy hem'd w 15% 1/8"q-ank vn's@65 w 2-5% f d py on ct's in ser-chl; otherwise rare f d py		
GB10-05	8.70	9.85	B25034	1.15	<.03	fresh		
GB10-05	9.85	10.60	B25035	0.75	<.03	dyke w 0.05m por inlier imm foll by 1/2"q-ank-chl vn imm foll by chl flt; BC w 1/4" bull q-ank vn@50 as shim; 5% q-ank vn's		
GB10-05	10.60	12.00	B25036	1.40	<.03			
GB10-05	12.00	13.20	B25037	1.20	<.03	1" wy hem'd w 15% q-ank vn's/blebs to 1/8"@80; 2-3% f d py assd w ser-chl anastamosing but gen@80		
GB10-05	13.20	14.40	B25038	1.20	<.03			
GB10-05	14.40	15.10	B25039	0.70	<.03	0.1m wy hem'd w 25% 1/8"q-ank vn's@71 w 5% cse d py in q-ank+2% f d py elsewhere; otherwise 1% f d py in v wy hem'd		
GB10-05	19.20	19.75	B25040	0.55	<.03	ct is 0.05m ser-chl-q-ank intense shr @71 in BC w slicks+2% v f d py-imm foll by 0.05m shr'd w 2% f d py, imm foll by shr'd w rare cp		
GB10-05	19.75	20.60	B25041	0.85	<.03	1-2% f d py; posy intr		
GB10-05	20.60	21.65	B25042	1.05	<.03	posy ct of intr@72 ser'd; 10% 1/8"-1" bull q-ank vn's; 1-2% f d py; 1"-0.1m grit beds@65-75		
GB10-05	21.65	22.30	B25043	0.65	<.03	1% f d py; good wacke w posy graded bedding downhole		
GB10-05	22.30	23.20	B25044	0.90	<.03	0.1m bull q-ank vn+1/2" q-ank vn@75; rare py; bedding @78-changes to aph@22.7		
GB10-05	23.20	24.25	B25045	1.05	<.03	1" bull q-ank vn; 3-6% v f d py locy conc@23.7-24.0; aph		
GB10-05	24.25	24.85	B25046	0.60	0.069	0.05m BC w at least 1//8" clay gouge flt w at least 1/2"q-ank vn@85 w 5% f d py on ct's in chl-ser+2% f d py within; aph		
GB10-05	24.85	25.60	B25047	0.75	0.274	2-4% v f d py in aph; 3/4" pa gy qv@55 w 1% f d py assd w chl fract's		
GB10-05	25.60	26.25	B25048	0.65	1.440	aph; BC common; 1/2"pa gy qv @57 is well min'd w 10% cse+f d py w 20-25% f d py on ct's+for 0.05m imm before, in turn imm prec by BC w at least 1/4" pa gy qv w 2% f d py	1.371	1.509
GB10-05	26.25	27.00	B25050	0.75	<.03	aph; rare py		
GB10-05	30.70	31.30	B25051	0.60	0.069	1/2" q-ank-chl vn@60 on chl slip imm prec by 0.05m of 5% f d py;		
GB10-05	31.30	31.90	B25052	0.60	<.03	1' bed cong-attenuated@60; otherwise fg wacke; 2% f d py		
GB10-05	31.90	33.30	B25053	1.40	<.03	ct w graph seds shrp nat@71; 0.05m inlier of graph seds@65; 1" bull pa gy q-ank vn@57 in 0.1m bl'd wacke; ending on 0.05m bull q-ank vn@77		
GB10-05	33.30	34.00	B25054	0.70	<.03	1" q-ank vn in BC w 2% f d py@50		
GB10-05	37.55	38.30	B25055	0.75	<.03	1" bull pa gy q-ank vn folded gen @20 imm pre by BC for 0.15m posy w flt		
GB10-05	45.10	46.00	B25056	0.90	<.03	1' pa gy wacke? Int dyke? W shrp nat ct's@55 imm foll by 1' bx-rip up clasts?		
GB10-05	48.65	49.30	B25057	0.65	<.03	ct imm prec by 0.4m cong-Basal Grit attenuated 53; 1% f d py; then fg-aph		
GB10-05	50.55	51.30	B25058	0.75	<.03	1" graph sed inlier@55 w 10% f d py+ w 30% cse d py 1/2" either side;		
GB10-05	51.30	52.10	B25059	0.80	<.03	BC w 1" graph sed inlier @30 w 20% q-ank+ 25% cse d py in blebs-bounded by flt's		
GB10-05	53.20	54.90	B25060	1.70	<.03	1"graph band@10+32 w 10% cse bleb py w smooth slip?trailing ct; 10% med gy sil'n		
GB10-05	54.90	56.30	B25061	1.40	<.03	10% med gy sil'n; 1/2" q-ank-chl bx@25 i9mm prec by 1/4"15-20% cse d py		
GB10-05	62.50	63.50	B25062	1.00	<.03	15% graph zones to 1"@35		
GB10-05	63.50	65.00	B25063	1.50	<.03	10% cse bleb py; graph w cherty component (med gy)		
GB10-06	7.65	8.40	B25064	0.75	<.03	0.1m wy hem'd @60 w 10% q-ank vn's to 1/8"; 2% f d py		
GB10-06	11.80	13.10	B25065	1.30	0.137	1" bull q-ank vn+ chl @12.05@60; dyke w 1" bl'd trailing ct w 5% f d py imm foll by 1/4"q-ank vn		
GB10-06	20.05	20.65	B25066	0.60	<.03	BC w 3/4" q-ank vn@553% f d py in 0.05m bl'd surrounding por		
GB10-06	20.65	21.60	B25067	0.95	<.03	1/4" ser-chl shr imm foll by 1" bl'd w 2% f d py		
GB10-06	21.60	22.70	B25068	1.10	<.03	3/4" ser-chl wk shr		
GB10-06	24.70	25.30	B25069	0.60	<.03	40% bull q-ank; ser'd; shr'd; mud flt; all@53 except flt@67; rare-1% f d py; flt is 1/4" gouge; contorted mudstone within zone		
GB10-06	30.10	30.80	B25070	0.70	<.03	0.15m mudstone@70 w 15% q-ank-chl imm prec by 2% cse d py over 0.05m		
GB10-06	30.80	31.95	B25071	1.15	<.03	2 flt's w 1/16" chl gouge+1/8" q-ank		
GB10-06	31.95	32.60	B25072	0.65	<.03	1-2% f d py in pa gy-wt q frag-chl zone@20 (1") in BC; 3% cse d py in wallrocks w 20% pa gy q str's @80 to 1/4"		
GB10-06	35.50	36.30	B25073	0.80	<.03	0.4m pa gy qv@35 w trailing flt/shr ct@47 is shr'd w 10% ser-chl +5% cse+2-3% f d py; MAIN ZONE? Very fresh before+after		
GB10-06	38.40	39.60	B25075	1.20	<.03	3% cse d py in med gy wacke w 30% ang bx frags to 1/8"-2"@60		
GB10-06	41.55	42.40	B25076	0.85	<.03	3% f+2% cse d py		
GB10-06	42.40	43.50	B25077	1.10	<.03	25% bull q-ank vn's@20 w 3% cse d py in wallrock-locy bl'd @ vn's; 4-5% f d py in 0.m imm foll by 0.05m bull q-ank@56		
GB10-06	43.50	44.00	B25078	0.50	<.03	15% bull q-ank vn's@20 w 3% f d py in wallrock-locy bl'd @ vn's;		
GB10-06	45.40	46.40	B25079	1.00	<.03	5% f d py assd w ser-chl shr's@20 in 35% q-ank blebs; 2"q-ank-sil bleb w 5-8% f+cse d py		
GB10-06	51.90	52.60	B25080	0.70	<.03	5% f d py in first 0.1m of pa gy sil'd wacke-@25; otherwise 2-3% f d py; locy conc ser-chl		
GB10-06	52.60	53.60	B25081	1.00	<.03	bl'd, sil'd; 2% cse d py+1% f d py; rare 1/8" bull q-ank vn's@40-55; last 0.3m w 3-5% f d py ends @ alt'n ct@35		
GB10-06	55.50	56.70	B25082	1.20	<.03	pa gy wacke unit @31 w rare f d py ends on flt ct w graph(2% f d py in last 1" q-ank bl'd zone, imm foll by graph shims in BC)		
GB10-06	61.10	62.00	B25083	0.90	<.03	BC; 2% f d py in q-ank vn at least 0.1m in BC @33-probably w flt (multiple chl shims of qtz)		
GB10-06	72.20	73.30	B25085	1.10	<.03	bx'd mudstone? Unit w 3% cse d py locy conc; chl-ser common;@30 gen+chl-graph? 1/4" vn's@110 w 10% cse d py		
GB10-06	77.00	77.60	B25086	0.60	<.03	2*1/2"-3/4" q-ank vn's@68+58 w 0+2% cse d py		
GB10-06	82.90	84.30	B25087	1.40	<.03	bx of ang lime gn-med gy rip-up clasts in dk gy aph mtx+no py-all@0-30 @82.9-83.9m, then mudstone?@35w sil'd bx vn's @30+150 up to 3/4" w 2% cse d py		
GB10-06	84.30	85.90	B25088	1.60	<.03	mudstone?@35w sil'd bx vn's @30+150 up to 3/4" w 2% cse d py; ser'd+chl'd; trailing ct@26 w flazers		
GB10-06	89.70	90.80	B25089	1.10	<.03	2*1/2"-3/4" pa gy-wt qv@42+46 w 5% cse d py;		
GB10-06	90.80	91.50	B25090	0.70	<.03	5% bull 1/4"q-ank vn's pa gy @50		
GB10-07	5.30	6.70	B25091	1.40	<.03	2% cse d py		
GB10-07	6.70	7.20	B25092	0.50	<.03	2% cse d py; 3%f+3% cse d py for 0.05m@64		
GB10-07	7.20	8.75	B25093	1.55	<.03	2% cse d py		

GB10-07	10.80	12.25	B25094	1.45	<.03	3-4% cse d py locy conc in chl		
GB10-07	12.25	13.80	B25095	1.55	<.03	1-2% cse d py; 2% q-ank		
GB10-07	15.60	16.80	B25096	1.20	<.03	chl fract's give BC+shims@37-wy ox'd-no py		
GB10-07	16.80	17.50	B25097	0.70	<.03	1% cse d py; 1/2"-1" bull q-ank vn@5		
GB10-07	17.50	18.00	B25098	0.50	1.269	med-dk gy qv is well min'd in BC w 10-20% v f d py in bands+ assd w chl-ser- qv w 15% ser; ending on GC+gouge flt at least 1/2"; Goldbanks BRK?	1.371	1.166
GB10-07	18.00	18.80	B25100	0.80	<.03	fresh		
GB10-07	18.80	20.10	B25101	1.30	<.03	fresh		
GB10-07	20.10	21.50	B25102	1.40	<.03	3*1/8"-1/4" q-ank vn's in bl'd wacke+ w ser-all ox'd mody-all@56-66; rare f d py		
GB10-07	21.50	22.55	B25103	1.05	<.03	wy shr'd ct; shrp nat ct; 2% f +2% cse d py in wacke; por bl'd mody w 1% f+cse d py; turns to red-br in last 0.1m		
GB10-07	27.45	28.20	B25104	0.75	<.03	wy hem'd centred on 1/4" chl slip/flt w wy ox'd q-nk blebs+no py		
GB10-07	37.85	38.70	B25105	0.85	<.03	ct imm prec by 1' barite wt-reddish-orange vn +q-ank+ chl+ 30% chlc ang frag's wallrock imm foll by at least 1/2" chl gouge flt in 1'BC; no py anywhere		
GB10-07	40.25	40.85	B25106	0.60	<.03	ct; 1-2% f d py locy conc		
GB10-07	41.50	42.00	B25107	0.50	<.03	3% c d py		
GB10-07	45.70	46.70	B25108	1.00	<.03	2% cse+% f d py		
GB10-07	48.00	48.55	B25109	0.55	<.03	2% f d py assd w 1" sil'd@56; 8% cse d py over1"		
GB10-07	53.00	53.75	B25110	0.75	<.03	2% f d py+1% cse d py assd w 0.05m q-ank vn@57+ser'n+wk sil'n; rare cp?		
GB10-07	54.60	55.75	B25111	1.15	<.03	0.1m of 4% cse d py; 1/2" wky sil'd@57 w 2% f d py		
GB10-07	55.75	56.80	B25112	1.05	<.03	2% f d py locy conc		
GB10-07	62.55	63.00	B25113	0.45	<.03	ct w 1/8" q-ank vn w 2% f d py@62		
GB10-07	66.10	66.90	B25114	0.80	<.03	1-2% f d py; 5% q-ank vn's		
GB10-07	69.45	70.10	B25115	0.65	<.03	2% v f d py in aph beds dk gy		
GB10-07	72.00	72.70	B25116	0.70	<.03	3/4"+ 0.1m bed rip-up clasts/cong @52 w 2% cse d py in vn; 2% f d py over 0.05m aph bed		
GB10-07	72.70	73.30	B25117	0.60	<.03	0.1m bull qv wt w ank+2% cse d py imm foll by 0.15m ser-chl-sil shr w 2% f d py-all@72 imm foll by 0.2m wacke		
GB10-07	73.30	74.55	B25118	1.25	<.03	all ser-chl-sil shr@65 w 2% f d py		
GB10-07	74.55	75.65	B25119	1.10	<.03	all ser-chl-sil shr@65 w 2% f d py		
GB10-07	75.65	76.70	B25120	1.05	<.03	50% ser-chl-sil shr@65; rare f d py; imm foll by mauve hue locy- spec/alb'd?		
GB10-07	76.70	78.00	B25121	1.30	<.03	wk chl-ser; selvage?		
GB10-07	107.10	107.60	B25122	0.50	0.343	0.2m q-ank w 2% f d py, then 2% cse d py		
GB10-08	7.40	8.10	B25123	0.70	<.03	beds; 0-1 % f d py; ser-chl@69		
GB10-08	9.15	9.70	B25124	0.55	<.03	1/2" q-ank-chl-ser slip@85 w rare f d py		
GB10-08	18.00	18.65	B25125	0.65	<.03	dyke in BC ends on str flt w 1/8" clay gouge w 3% cse+f d py+ 2% v f d py in dyke		
GB10-08	23.80	24.45	B25126	0.65	<.03	3% f+cse d py in 1" q-ank-chl shr imm prec by 0.05m bl'd myl-all@75 imm foll by shims in 1" BC		
GB10-08	24.45	25.00	B25127	0.55	<.03	0.05m bl'd ct; 5% q-ank in wacke; no py		
GB10-08	31.90	32.50	B25128	0.60	<.03	1/4"pk carb vn on chl fract@16 w chlc gy hue for 0.4m w 2% f d py		
GB10-08	33.00	33.95	B25129	0.95	<.03	wy bl'd @ 5+46 assd w chl fract's; rare cse d py; 1/8" pk carb vn@68		
GB10-08	34.60	35.70	B25130	1.10	<.03	3/4" bl'd on 1/8" chl fract@35-no py		
GB10-08	35.70	36.25	B25131	0.55	<.03	bl'd for 0.1m @ ct w 5% cse d py imm foll by 1"ser-chl; otherwise 1% cse d py		
GB10-08	36.25	37.75	B25132	1.50	<.03	initially <1% f d py-then 3% cse d py, then 3% f d py; 2% q-ank vn's to 1/4"@40, some w 3% cse d py, others bullish		
GB10-08	37.75	38.50	B25133	0.75	<.03	3% f d py; 0.2m q-ank-chl-ser zone 285 w 1-2% f d py-not a shr		
GB10-08	42.75	43.30	B25134	0.55	<.03	2% f d py; 3% cse d py in 1/4" zone@70; 0.2m wacke zone@70 w 10% q-ank vn's 1/8"@30		
GB10-08	43.30	44.40	B25135	1.10	<.03			
GB10-08	44.40	45.55	B25136	1.15	<.03	0.2m bl'd to olive gn centred on 1" q-ank vn@34 w 5% cse d py assd w chl		
GB10-08	47.75	48.60	B25137	0.85	<.03	discon 1" med gy qv@65 w 1% f d py; 0.3m of 20% q-ank vn's to 1/2" w 2% cse d py@25		
GB10-08	53.45	54.40	B25138	0.95	<.03	ct; 2% f d py in wacke-mudstone assd w ser-q-ank@65		
GB10-08	55.55	56.10	B25139	0.55	<.03	contorted q-ank-ser-chl @42 w 5% f d py imm foll by 0.1m BC w flt		
GB10-08	57.40	58.80	B25140	1.40	<.03	0.3m q-ank vn in bl'd ser-no py imm foll by 2% cse+ f d py assd w 1/8"pa gy q str's@15		
GB10-08	63.75	64.30	B25141	0.55	<.03	flt		
GB10-08	66.00	66.90	B25142	0.90	<.03	5% f+cse d py in 1/4" q-ank vn@85 in 1' wacke subunit		
GB10-08	67.45	68.40	B25143	0.95	<.03	1/8" cse py vn@60		
GB10-08	70.35	71.05	B25144	0.70	<.03	0.1m shr'd ser-chl ct@62-no py		
GB10-08	78.75	79.25	B25146	0.50	<.03	wy bl'd w 1% f d py imm prec by 0.05m BC-posy w flt@65		
GB10-08	83.30	84.00	B25147	0.70	<.03	ct; mud gouge flt; <1% cse d py; wy bl'd; ser-chl @ ct		

Blanks 0.03 = <0.03 detection li

Hole ID	Sample #	Auppm
GB10-02	B33873	0.03
GB10-02	B33897	0.03
GB10-01	B33956	0.03
GB10-01	B33978	0.03
GB10-01	B33993	0.03
GB10-03	B25021	0.03
GB10-05	B25049	0.03
GB10-07	B25099	0.03
GB10-06	B25074	0.03
GB10-08	B25148	0.03
GB10-01	B33919	0.03

Standards

Hole ID	Sample #	Auppm
GB10-02	B33911	0.891
GB10-01	B33929	0.891
GB10-01	B33937	1.646
GB10-01	B33967	1.646
GB10-06	B25084	0.891

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Certificate of Analysis

Vault Minerals Inc

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

Certificate #'s 7428, 7429 & 7430

Certified by: _____
Chief Assayer

Certified by: _____
President/Manager

Date: May 5, 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

CERTIFICATE # 7428

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

Date:
May 3 / 2010

Splits

Sample #	Au Oz/ton	g/tonne
25040	<.001	<.03
25041	<.001	<.03
25042	<.001	<.03
25043	<.001	<.03
25044	<.001	<.03
25045	<.001	<.03
25046	0.002	0.069
25047	0.008	0.274
25048	Pend	
25049	<.001	<.03
25050	<.001	<.03
25051	0.002	0.069
25052	<.001	<.03
25053	<.001	<.03
25054	<.001	<.03
25055	<.001	<.03
25056	<.001	<.03
25057	<.001	<.03
25058	<.001	<.03
25059	<.001	<.03
25060	<.001	<.03
25061	<.001	<.03

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

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

Certified Assayer:

PolyMet Laboratories

CERTIFICATE # 7429

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

Date:
May 3 / 2010

Splits

Sample #	Au Oz/ton	g/tonne
25062	<.001	<.03
25063	<.001	<.03
25064	<.001	<.03
25065	0.004	0.137
25066	<.001	<.03
25067	<.001	<.03
25068	<.001	<.03
25069	<.001	<.03
25070	<.001	<.03
25071	<.001	<.03
25072	<.001	<.03
25073	<.001	<.03
25074	<.001	<.03
25075	<.001	<.03
25076	<.001	<.03
25077	<.001	<.03
25078	<.001	<.03
25079	<.001	<.03
20964	0.010	0.343
20965	Pend	
20966	Pend	
20967	Pend	
20969	Pend	
20975	Pend	
20990	Pend	
20991	Pend	
20992	0.018	0.617
20993	<.001	<.03

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

21 **Splits**
7 **Pend**

Certified Assayer:

PolyMet Laboratories

CERTIFICATE **# 7430**

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

Date:
May 3 / 10

Sample #	Original Au Oz/ton	Original g/tonne	Check Au Oz/ton	Check g/tonne
25048	0.040	1.371	0.044	1.509
20965	0.280	9.600	0.314	10.766
20966	1.052	36.069	0.948	32.503
20967	0.048	1.646	0.056	1.920
20969	0.146	5.006	0.138	4.731
20975	0.148	5.074	0.174	5.966
20990	0.076	2.606	0.080	2.743
20991	0.258	8.846	0.264	9.052

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 7421, 7422, 7423

Certified by: _____
Chief Assayer

Certified by: _____
President/Manager

Date: May 3, 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 # 7421 Job No. 0-155

Date:
April 30 / 2010

Splits

Sample #	Au Oz/ton	g/tonne
33934	<.001	<.03
33935	<.001	<.03
33936	<.001	<.03
33937	0.048	1.646
33938	<.001	<.03
33939	<.001	<.03
33940	<.001	<.03
33941	<.001	<.03
33942	<.001	<.03
33943	<.001	<.03
33944	<.001	<.03
33945	<.001	<.03
33946	<.001	<.03
33947	<.001	<.03
33948	<.001	<.03
33949	<.001	<.03
33950	<.001	<.03

17 **Splits**

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

Certified Assayer:

PolyMet Laboratories

CERTIFICATE # 7422

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

Date:
April 30 / 2010

Splits

Sample #	Au Oz/ton	g/tonne
33951	<.001	<.03
33952	<.001	<.03
33953	<.001	<.03
33954	<.001	<.03
33955	<.001	<.03
33956	<.001	<.03
33957	<.001	<.03
33958	<.001	<.03
33959	<.001	<.03
33960	<.001	<.03
33961	<.001	<.03
33962	<.001	<.03
33963	<.001	<.03
33964	<.001	<.03
33965	<.001	<.03
33966	<.001	<.03
33967	0.048	1.646
33968	<.001	<.03
33969	<.001	<.03
33970	<.001	<.03
33971	<.001	<.03
33972	<.001	<.03

22 **Splits**

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

Certified Assayer:

PolyMet Laboratories

CERTIFICATE # 7423

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

Date:
April 30 / 2010

Splits

Sample #	Au Oz/ton	g/tonne
33973	<.001	<.03
33974	<.001	<.03
33975	<.001	<.03
33976	<.001	<.03
33977	<.001	<.03
33978	<.001	<.03
33979	<.001	<.03
33980	<.001	<.03
33981	<.001	<.03
33982	<.001	<.03
33983	<.001	<.03
33984	<.001	<.03
33985	<.001	<.03
33986	<.001	<.03
33987	<.001	<.03
33988	<.001	<.03
33989	<.001	<.03
33990	<.001	<.03
33991	<.001	<.03
33992	<.001	<.03
33993	<.001	<.03
33994	<.001	<.03

22 **Splits**

Std Oxl 63	0.172	5.897
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 7359, 7360, 7361, 7362, 7368, 7369, 7370, 7371, 7372, 7387, 7388, 7389

Certified by: _____
Chief Assayer

Certified by: _____
President/Manager

Date: April 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: Vault Minerals Inc.

CERTIFICATE # 7387 Job No. 0-155

Date:
April 23 / 2010

Splits

Sample #	**Au Oz/ton**	**g/tonne**
33867	<.001	<.03
33868	<.001	<.03
33869	<.001	<.03
33870	<.001	<.03
33871	<.001	<.03
33872	<.001	<.03
33873	<.001	<.03
33874	<.001	<.03
33875	<.001	<.03
33876	<.001	<.03
33877	<.001	<.03
33878	<.001	<.03
33879	<.001	<.03
33880	<.001	<.03
33881	<.001	<.03
33882	<.001	<.03
33883	<.001	<.03
33884	<.001	<.03
33885	<.001	<.03
33886	<.001	<.03
33887	<.001	<.03
33888	<.001	<.03

22 **Splits**

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

Certified Assayer:

PolyMet Laboratories

Client: Vault Minerals Inc.

CERTIFICATE # 7388 Job No. 0-155

Date:
April 23 / 2010

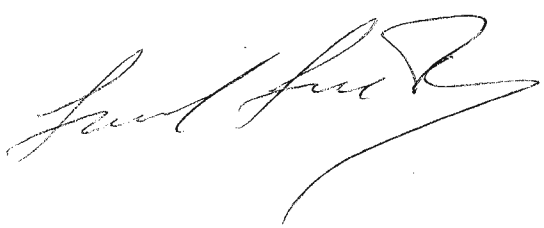
Splits

Sample #	**Au Oz/ton**	**g/tonne**
33889	<.001	<.03
33890	<.001	<.03
33891	<.001	<.03
33892	<.001	<.03
33893	<.001	<.03
33894	<.001	<.03
33895	<.001	<.03
33896	<.001	<.03
33897	<.001	<.03
33898	<.001	<.03
33899	<.001	<.03
33900	<.001	<.03
33901	<.001	<.03
33902	<.001	<.03
33903	<.001	<.03
33904	<.001	<.03
33905	<.001	<.03
33906	<.001	<.03
33907	<.001	<.03
33908	<.001	<.03
33909	<.001	<.03
33910	<.001	<.03

22 **Splits**

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

Certified Assayer:



PolyMet Laboratories

Client: Vault Minerals Inc.

CERTIFICATE # 7389 Job No. 0-155

Date:
April 23 / 2010

Splits

Sample #	**Au Oz/ton**	**g/tonne**
33911	0.026	0.891
33912	<.001	<.03
33913	<.001	<.03
33914	<.001	<.03
33915	<.001	<.03
33916	<.001	<.03
33917	<.001	<.03
33918	<.001	<.03
33919	<.001	<.03
33920	<.001	<.03
33921	<.001	<.03
33922	<.001	<.03
33923	<.001	<.03
33924	<.001	<.03
33925	<.001	<.03
33926	<.001	<.03
33927	<.001	<.03
33928	<.001	<.03
33929	0.026	0.891
33930	<.001	<.03
33931	<.001	<.03
33932	<.001	<.03
33933	<.001	<.03

23 **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 7424, 7425, 7426 & 7427

Certified by: _____
Chief Assayer

Certified by: _____
President/Manager

Date: May 3, 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

CERTIFICATE # 7424

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

Date:
May 3 / 2010

Splits

Sample #	Au Oz/ton	g/tonne
33995	<.001	<.03
33996	<.001	<.03
33997	<.001	<.03
33998	<.001	<.03
33999	<.001	<.03
34000	<.001	<.03
25001	<.001	<.03
25002	<.001	<.03
20981	Pend	
20982	Pend	
20983	Pend	
20984	0.020	0.686
20985	Pend	
20986	Pend	
20987	Pend	
20988	Pend	
20989	Pend	
33487	<.001	<.03
33488	<.001	<.03
20971	0.008	0.274
20972	Pend	
20973	0.022	0.754

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

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

Certified Assayer:

PolyMet Laboratories

CERTIFICATE # 7425

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

Date:
May 3 / 2010

Splits

Sample #	Au Oz/ton	g/tonne
20974	Pend	
20976	0.014	0.480
20977	Pend	
20978	<.001	<.03
20979	0.008	0.274
20980	Pend	
25003	<.001	<.03
25004	<.001	<.03
25005	<.001	<.03
25006	<.001	<.03
25007	<.001	<.03
25008	<.001	<.03
25009	<.001	<.03
25010	<.001	<.03
25011	<.001	<.03
25012	<.001	<.03
25013	<.001	<.03
25014	<.001	<.03
25015	<.001	<.03
25016	<.001	<.03
25017	<.001	<.03
25018	<.001	<.03

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

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

Certified Assayer:

PolyMet Laboratories

CERTIFICATE **# 7426**

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

Date:
May 3 / 10

Sample #	Original Au Oz/ton	Original g/tonne	Check Au Oz/ton	Check g/tonne
20981	0.064	2.194	0.058	1.989
20982	0.200	6.857	0.212	7.269
20983	0.134	4.594	0.122	4.183
20985	0.064	2.194	0.064	2.194
20986	0.050	1.714	0.050	1.714
20987	0.034	1.166	0.036	1.234
20988	0.038	1.303	0.040	1.371
20989	0.058	1.989	0.060	2.057
20972	0.046	1.577	0.044	1.509
20974	0.068	2.331	0.070	2.400
20977	0.064	2.194	0.054	1.851
20980	0.078	2.674	0.072	2.469

12 + 24

Certified Assayer:

PolyMet Laboratories

CERTIFICATE # 7427

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

Date:
May 3 / 2010

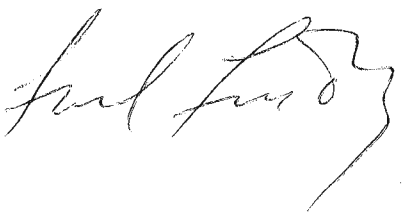
Splits

Sample #	Au Oz/ton	g/tonne
25019	<.001	<.03
25020	<.001	<.03
25021	<.001	<.03
25022	<.001	<.03
25023	<.001	<.03
25024	<.001	<.03
25025	<.001	<.03
25026	<.001	<.03
25027	<.001	<.03
25028	<.001	<.03
25029	<.001	<.03
25030	<.001	<.03
25031	<.001	<.03
25032	<.001	<.03
25033	<.001	<.03
25034	<.001	<.03
25035	<.001	<.03
25036	<.001	<.03
25037	<.001	<.03
25038	<.001	<.03
25039	<.001	<.03

21 **Splits**

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

Certified Assayer:



564000 mE
564500 mE
565000 mE
565500 mE
566000 mE
566500 mE
567000 mE
567500 mE
5332500 mN
5332000 mN
5331500 mN
5331000 mN
5330500 mN
5330000 mN

Goldthorpe Road

L495925
L495926
L496401
L495929
L531976
L531977
L1206267
L531983
L3013133
L571400

Perron Lake
Elsie Lake

GB10-08 84m
GB10-07 114m
GB10-06 92.4m
GB10-05 65m
GB10-04 63m
GB10-03 90m
GB10-02 162m
GB10-01 282m

N

Lithology Legend

- Conglomerate
- Diabase
- Syenite Porphyry
- Tuff
- Lamprophyre
- Diorite
- Basal Grit
- Trachyte
- Greenstone

Drill Hole Legend

New Drilling Blue

Lithology_Name
Trace Shade
length m
Gold Assay g/t
Hole ID
EOH

Legend for Au_ppm
- 0.3 - 0.5
- 0.5 - 1
- 1 - 3
- 3 - 10
- 10 - 1000

Legend for Lithology
- Casing
- Arenite
- Basic Syenite
- Diabase
- Wacke
- Intermediate dyke
- Graphitic argillite
- Gabbro
- Dyke
- Quartz
- Porphyry
- Lamprophyre
- Mafic Syenite
- Diorite
- Mafic flows
- Conglomerate
- Tuff
- Mineralized
- Basal Grit
- Grit
- Quartz-Feldspar Porphyry
- Graphite
- Calcite
- Breccia
- Fault
- Graphitic Breccia
- Shear

QUEENSTON MINING INC.
Goldbanks Gold Project
2010 Diamond Drill Program
Location Plan
Drill Hole Collars

Date:13/12/2011	
Author: CM	
Office: KL	
Drawing:	
Scale: 1:5000	Projection: UTM Zone 17 (NAD 83)

0 75 150 300
metres

564000 mE
564500 mE
565000 mE
565500 mE
566000 mE
566500 mE
567000 mE
567500 mE

5332500 mN
5332000 mN
5331500 mN
5331000 mN
5330500 mN
5330000 mN

Goldthorpe Road

L495925
L495926
L446401
L495929
L531976
L531977
L1206267
L531983
L3013133
L571400

Perron Lake
Elsie Lake

GB10-04 92.4m
GB10-05 65m
GB10-07 114m
GB10-08 84m
GB10-04 63m
GB10-03 90m
GB10-02 162m
GB10-01 282m

N

Drill Hole Legend

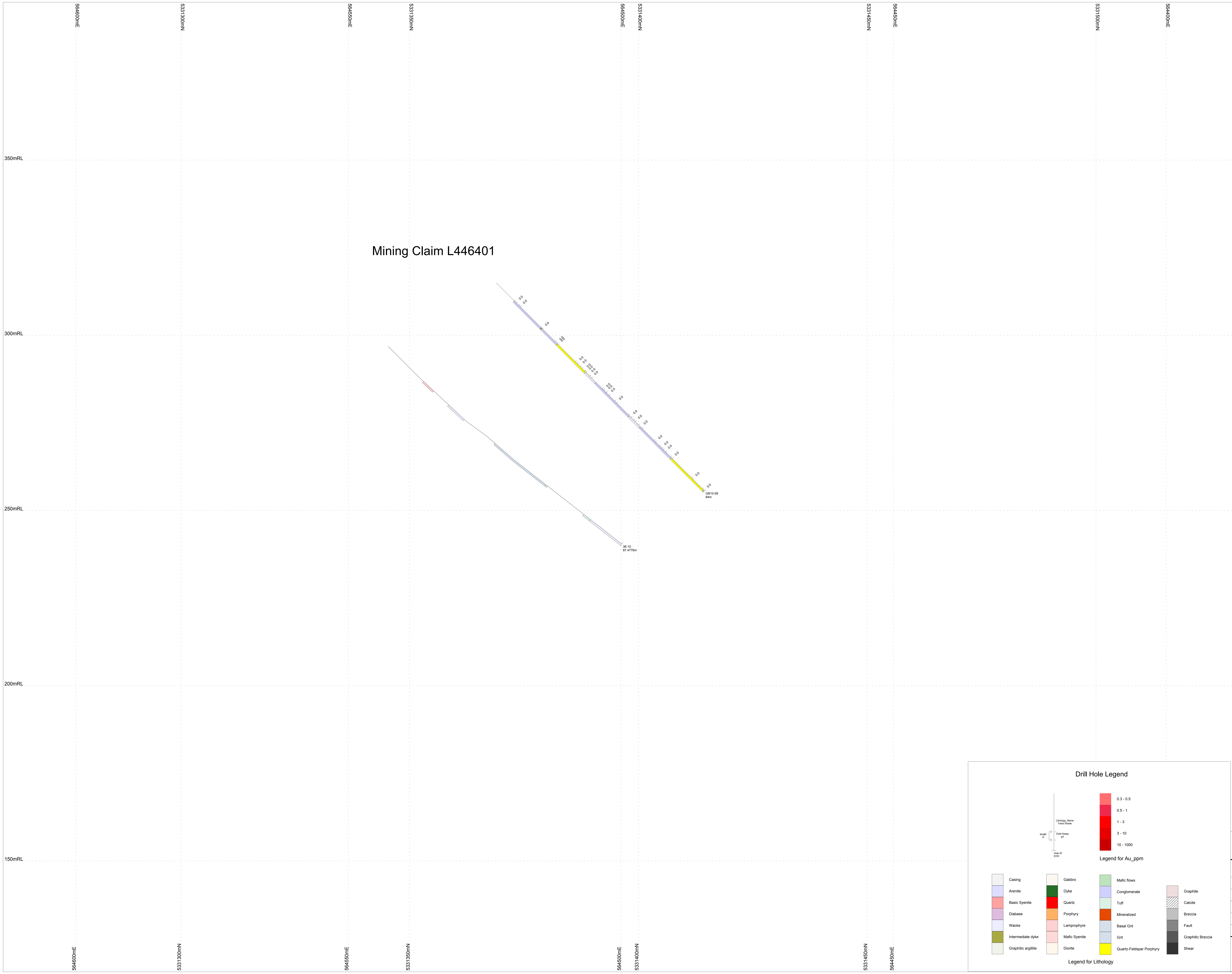
New Drilling Blob
Lithology_Name Trace Shade
length m
Gold Assay g/t
Hole ID EOH

Legend for Au_ppm
- 0.3 - 0.5
- 0.5 - 1
- 1 - 3
- 3 - 10
- 10 - 1000

Legend for Lithology
- Casing
- Arenite
- Basic Syenite
- Diabase
- Wacke
- Intermediate dyke
- Graphitic argillite
- Gabbro
- Dyke
- Quartz
- Porphyry
- Lamprophyre
- Mafic Syenite
- Diorite
- Mafic flows
- Conglomerate
- Tuff
- Mineralized
- Basal Grit
- Grit
- Quartz-Feldspar Porphyry
- Graphite
- Calcite
- Breccia
- Fault
- Graphitic Breccia
- Shear

Date:13/12/2011	QUEENSTON MINING INC. Goldbanks Gold Project 2010 Diamond Drill Program Location Plan Drill Hole Collars
Author: CM	
Office: KL	
Drawing:	
Scale: 1:5000	Projection: UTM Zone 17 (NAD 83)

0 75 150 300
metres



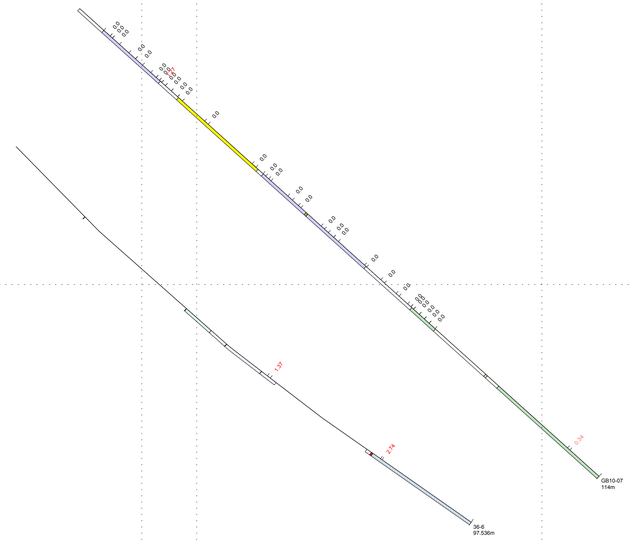
QUEENSTON MINING INC.
Goldbanks Gold Project
Cross Section
DDH-GB10-08
View 230 azm

Date:8/12/2011
Author: CM
Office: KL
Drawing:
Scale: 1:500
Projection: Non-Earth (meters)

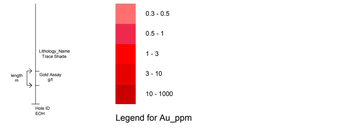
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564950mE
5331550mN
5331600mN
564900mE
5331650mN
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5331700mN
564800mE
5331750mN
564750mE
5331800mN

400mRL
350mRL
300mRL
250mRL
200mRL

Mining Claim L446401



Drill Hole Legend



0.3 - 0.5
0.5 - 1
1 - 3
3 - 10
10 - 1000

Legend for Au_ppm

Casing	Gabbro	Mafic flows	Graphite
Arenite	Dyke	Conglomerate	Calcite
Basic Syenite	Quartz	Tuff	Breccia
Diabase	Porphyry	Mineralized	Fault
Wacke	Lamprophyre	Basal Grit	Graphitic Breccia
Intermediate dyke	Mafic Syenite	Grit	Shear
Graphitic argillite	Diorite	Quartz-Feldspar Porphyry	

Legend for Lithology

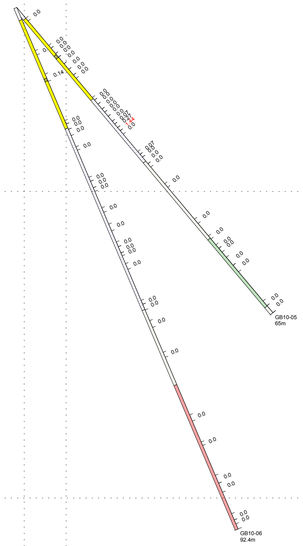
	QUEENSTON MINING INC. Goldbanks Gold Project Cross Section DDH-GB10-07 View 230 azm
Date:8/12/2011	
Author: CM	
Office: KL	
Drawing:	
Scale: 1:500	Projection: Non-Earth (meters)

0 7.5 15 30
metres

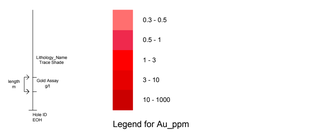
5331750mN
565200mE
5331800mN
565150mE
5331850mN
565100mE
5331900mN
565050mE
5331950mN
565000mE
5332000mN

400mRL
350mRL
300mRL
250mRL
200mRL
150mRL

Mining Claim L495925



Drill Hole Legend



0.3 - 0.5
0.5 - 1
1 - 3
3 - 10
10 - 1000

Legend for Au_ppm

- Casing
- Arenite
- Basic Syenite
- Diabase
- Wacke
- Intermediate dyke
- Graphitic argillite
- Gabbro
- Dyke
- Quartz
- Porphyry
- Lamprophyre
- Mafic Syenite
- Diorite
- Mafic flows
- Conglomerate
- Tuff
- Mineralized
- Basal Grit
- Grit
- Quartz-Feldspar Porphyry
- Graphite
- Calcite
- Breccia
- Fault
- Graphitic Breccia
- Shear

Legend for Lithology

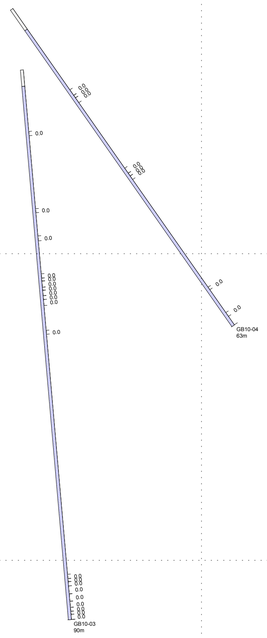
	QUEENSTON MINING INC. Goldbanks Gold Project Cross Section DDH-GB10-05 and GB10-06 View 230 azm
Date:8/12/2011	
Author: CM	
Office: KL	
Drawing:	
Scale: 1:500	Projection: Non-Earth (meters)

0 7.5 15 30
metres

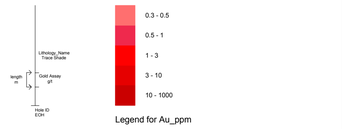
5331350mN
5331400mN
565350mE
5331450mN
5331500mN
565300mE
5331550mN
5331600mN
565250mE
5331650mN

400mRL
350mRL
300mRL
250mRL
200mRL

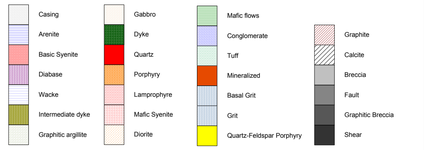
Mining Claim L531976



Drill Hole Legend



Legend for Au_ppm



Legend for Lithology

	QUEENSTON MINIG INC. Goldbanks Gold Project Cross Section DDH-GB10-03 and GB10-04 View 245 azm
Date:8/12/2011	
Author: CM	
Office: KL	
Drawing:	
Scale: 1:500	Projection: Non-Earth (meters)

0 7.5 15 30
metres

565900mE
5330950mN
5330900mN
565850mE
5330850mN
5330800mN
565900mE
5330750mN
5330700mN
565950mE
5330650mN
350mRL
300mRL
250mRL
200mRL
150mRL
100mRL

Mining Claim L1206267

GB10-02
162m

96-1
182.88m

Drill Hole Legend

Lithology_Name
Trace Shade
length
m
Gold Assay
g/t
Hole ID
EOH

0.3 - 0.5
0.5 - 1
1 - 3
3 - 10
10 - 1000

Legend for Au_ppm

- Casing
- Arenite
- Basic Syenite
- Diabase
- Wacke
- Intermediate dyke
- Graphitic argillite
- Gabbro
- Dyke
- Quartz
- Porphyry
- Lamprophyre
- Mafic Syenite
- Diorite
- Mafic flows
- Conglomerate
- Tuff
- Mineralized
- Basal Grit
- Grit
- Quartz-Feldspar Porphyry
- Graphite
- Calcite
- Breccia
- Fault
- Graphitic Breccia
- Shear

Legend for Lithology

QUEENSTON MINING INC.
Goldbanks Gold Project
Cross Section
DDH-GB10-02
View 60 azm

Date:8/12/2011	
Author: CM	
Office: KL	
Drawing:	
Scale: 1:500	Projection: Non-Earth (meters)

0 7.5 15 30
metres

560000mE
5331000mN
5330950mN
5330900mN
560050mE
5330850mN
5330800mN
560100mE
5330750mN
5330700mN
560150mE

350mRL
300mRL
250mRL
200mRL
150mRL

Mining Claim L1206267

GB10-01
282m

Drill Hole Legend

Lithology_Name
Trace Shade

Grid Assay
g/t

length
m

Hole ID
EOH

Legend for Au_ppm

0.3 - 0.5
0.5 - 1
1 - 3
3 - 10
10 - 1000

Casing	Gabbro	Mafic flows	Graphite
Arenite	Dyke	Conglomerate	Calcite
Basic Syenite	Quartz	Tuff	Breccia
Diabase	Porphyry	Mineralized	Fault
Wacke	Lamprophyre	Basal Grit	Graphitic Breccia
Intermediate dyke	Mafic Syenite	Grit	Shear
Graphitic argillite	Diorite	Quartz-Feldspar Porphyry	

Legend for Lithology

	QUEENSTON MINING INC. Goldbanks Property Cross Section DDH_GB10_01 View 66 azm
Date:1/12/2011	
Author: CM	
Office: KL	
Drawing:	
Scale: 1:500	Projection: Non-Earth (meters)

0 7.5 15 30
metres