REPORT ON

DIAMOND DRILLING

ON

KENOGAMI LAKE PROPERTY

EBY TOWNSHIP

LARDER LAKE MINING DIVISION

ONTARIO

MICHAEL LEAHY

DECEMBER, 2012

TABLE OF CONTENTS

INTRODUCTION

LOCATION/ACCESS 2

HISTORY 2,3,4

REGIONAL GEOLOGY 4

PROPERTY GEOLOGY 5

EXPLORATION PROGRAM

RATIONALE 5

DIAMOND DRILLING PROGRAM/DDH SUMMARY 6

RESULTS OF DIAMOND DRILLING 6

CONCLUSIONS 6

RECOMMENDATIONS 6

REFERENCES 7

ATTTACHMETS

CERTIFICATE
CLAIM MAP
DIAMOND DRILL SECTION
DIAMOND DRILL PLAN
ASSAY CERTIFICATES
DIAMOND DRILL LOG

INTRODUCTION

Location/Access

The property herein described consists of 6 contiguous unpatented mining claims comprising approximately 450 hectares. The property straddles the north boundary of Eby Township, Larder Lake Mining Division, Ontario, Canada. The property covers parts of Lots 6 7, 8 9 10 and 11 in Concession VI in Eby Township and contiguous claim # 3000418 in Grenfell Township. The majority of the property lies under the waters on Kenogami Lake, with about 40 hectares on the adjacent shoreline. The property lies within NTS area 42A/1. Kenogami Lake lies at approximately 48 degrees, 6' North latitude and 80 degrees, 15' west longitude. UTM co-ordinates for the northwest corner of the property are 5327900N, 555090E, Zone 17, NAD 83.

The claims are numbered as follows:

Claim #	# of 16 ha units	Township
3000412	2	Eby
3000418	6	Grenfell
3006343	9	Eby
3006344	7	Eby
3006345	1	Eby
3006346	8	Eby
4225054	1	Eby

The majority of the property is accessible over the waters (or ice) of Kenogami Lake. The land portions of the property are accessible by all-terrain vehicle trails and gravel roads running along the shore of the lake.

History

The Kenogami Lake area was first mapped by L. L. Bolton in the 1903 Report of the (Ontario) Bureau of Mines wherein the general geology of the area between Round Lake and the Abitibi River was described. Due its proximity to the Larder Lake-Cadillac Deformation Zone (LLCDZ) and Kirkland Lake, the area has since undergone numerous exploration programs as outlined below:

1948 – Burtho GML drilled 8 holes at the southwest end of Kenogami Lake adjacent to the Rogick-Elliot properties where previous work had produced significant gold values (0.17 oz au/5', 0.19 oz au/4.2') in mafic and ultramafic volcanics interpreted to be the westward extension of the LLCDZ. After this time, no work was done on the property for many years.

1926 –The “Kenogami Lake Area” area was mapped by the Geological Survey of Canada (Memoir 131, Map No 1926, H. C. Cook)

1935 – The area was mapped by the Ontario Department of Mines “Matachewan-Kenogami Area”, Map No 44b, by W. S. Dyer

1946 – The “Kenogami Lake Area” Map 1946-1, comprising parts of Grenfell and Eby Townships was mapped by the Ontario Department of Mines between 1939 (Wm Gerrie and assistants) and 1944 (E. Thompson and assistants).

1979 – An airborne magnetic and electromagnetic (Input) survey was completed over the area as part of a regional survey (Kirkland Lake Initiative Program). Map P 2268 covers Eby Township.

1983 – Magnetic and VLF electromagnetic surveys were conducted over the eastern half of Kenogami Lake by the author on behalf of Gren-Teck Kirkland Resources Ltd.

1987 – Airborne magnetic and VLF electromagnetic surveys were completed over Kenogami Lake by Premier explorations Ltd.

1993 – Report on Greater Lenora Resources Eby Township Diamond Property by S.J. Carmichael. A basal till sampling program south of Kenogami Lake “returned a number of samples containing Kimberlite Indicator Minerals including either G-9 or G-10 garnets, chrome diopside and picroilmenite”.

1994 – Westminer Canada Limited completed magnetic and Induced Polarization surveys over the eastern half of Kenogami Lake. These surveys were followed by three diamond drill holes. Hole KEN-94-01 encountered the projected extension of the LLCDZ just north of the south shore of the lake. Only low values were encountered. Holes KEN-94-02 and 03 were drilled to test a geophysical target further north and encountered “a major structural zone with significant ankerite and fuchsite”. Despite the low values encountered, it was recommended that further work be done along this zone since it was a new discovery of highly favourable geology and alteration adjacent to the LLCDZ.

1998 – Greater Lenora Resources performed magnetic and Induced Polarization surveys over the far west (Finn) Bay of Kenogami Lake. The surveys were followed by two diamond drill holes that encountered magnetite-rich argillite with only low gold values.

2004 – A high-resolution regional magnetic survey was flown by the Ontario Geological Survey, part of which covered Kenogami Lake (Map 81 944). This survey outlined a circular magnetic anomaly near the west end of Kenogami Lake. Follow-up exploration of a number of anomalies outlined by this survey have resulted in the discovery of at least on new Kimberlite at the northwest corner of Savard Township by Tres-or resources Ltd.

This new Kimberlite discovery has sparked extensive staking along the Temiskaming Rift from south of Elk Lake to Kenogami Lake and beyond to the north.

2006 – A magnetic survey was conducted over the west end of the property by TLC Resources to define and locate magnetic features found by a Discover Abitibi high resolution airborne magnetic survey. Three vibra-sonic holes were drilled to sample the overburden over one magnetic anomaly and to attempt to sample bedrock. The drilling succeeded in sampling the overburden but failed to penetrate to the bedrock interface. Three Kimberlite indicator mineral grains and one gold grain were recovered.

2007 – TLC Resources conducted a program consisting of one short Diamond Drill hole and the collection of till to test a circular magnetic anomaly beneath Kenogami Lake. The core yielded only low gold values but the till sample taken at the bedrock surface yielded two small, pristine gold grains

Regional Geology

The regional geology is aptly described by Brommecker on behalf of Westminer in 1994:

The property is in the southwestern Abitibi Greenstone Belt of the Superior Province. It lies 20 km WSW and along strike of the famous gold deposits located at Kirkland Lake. Combined, the Kirkland Lake deposits produced more than 24 million ounces of gold (Meyer, 1992).

The geology of the Kirkland Lake area has been most recently described by Jensen and Langford (1985) who concentrated on the stratigraphy of the area, and Hodgson et al. (1990) who concentrated on the structure of the area.

The area is generally underlain by Archean ultramafic to mafic volcanics of the Kinojevis (now Lower Blake River*) and Larder Lake groups. The Temiskaming Group, which consists of both late sedimentary and alkalic volcanic rocks unconformably overlies the Abitibi volcanics and is spatially related to the Larder Lake-Cadillac "Break"* (LLCDZ*). The Abitibi vocanics and Temiskaming Group rocks are intruded by various Archean aged felsic to intermediate, granitic to syenitic rocks.* These rocks are all intruded by later Matachewan diabase dikes.

The Archean rocks have been generally been metamorphosed to greenschist facies and suffered several periods of ductile, cleavage forming deformation. Archean stratigraphy dips moderately to steeply and is complexly folded and faulted. The Larder Lake – Cadillac Break is an important regional scale deformation zone which is spatially related to large gold deposits from Matachewan (Ont.) to Val D'Or (Que.). The Kirkland Lake gold deposits are hosted by quartz veins in a parallel structure (the Kirkland Lake Main Break) less than 2 km from the Larder Lake – Cadillac Break.

Property Geology

The geology of the property, being mostly covered by the waters of Kenogami Lake, has been interpreted from geophysical data used to extrapolate shoreline formations, to map structures and to detect mineralized zones; mapping of shoals and islands; and diamond drilling results. From these data sources, the geology can be described as follows:

The south end of the property is underlain by steeply dipping mafic to ultramafic Archean volcanics striking WSW. These rocks are traversed by the LLCDZ which has deformed and altered the rocks to ankerite/fuchsite/sericite typical of the LLCDZ to the east and west.

Near the center of the lake, these rocks are unconformably overlain by steeply dipping Temiskaming sedimentary rocks which are, in turn, unconformably overlain by gently south dipping Proterozoic Gowganda Formation sedimentary rocks which outcrop along the north shore of the lake.

Drilling by Westminer in 1994 identified a new, roughly EW striking, ankerite/fuchsite/sericite alteration zone similar to the LLCDZ at the unconformity between the Temiskaming sediments and volcanic rocks near the center of the lake.

In addition to the LLCDZ, other parallel (WSW) structures can be interpreted from geophysical data to traverse the central portion of the property. A strong NNW structure is interpreted to traverse the property from the southeast corner of the lake, through the narrows north of the property and up along a feeder creek that flows into the Blanche River at the North end of the lake. This structure, along with a parallel diabase dike at the west end of the property, are thought to be part of the Temiskaming Rift group of NNW trending structures.

Exploration Program

Rationale

The exploration program herein described consists of single diamond drill hole designed to test the gold potential of the structure interpreted as the Galer Lake fault zone which is interpreted to be a splay off the LLCDZ. This structure follows the unconformity between Timiskaming sediments and mafic to ultramafic volcanic rocks – a classic setting for gold deposition.

Diamond Drilling Program

The drilling of hole # KK1121 was performed by Cabo Diamond Drilling on behalf of West Kirkland Mining Inc. The drilling was supervised by Ken Kryklywy and the core was logged by James Suma-Momoh. Start date – February 17, 2011, finish date – March 14, 2011. Az 160, Dip -53. Claim # 3006343. Length – 789.5m. Location 5327285N, 558950E on Kenogami Lake. Core size – NQ.

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Results of Diamond Drilling

The hole penetrated to a depth of 789.5 m, intersecting Timiskaming sediments, mafic and ultramafic volcanics and syenite sections. There were many zones of moderate to strong alteration with only weak pyrite mineralization. Only anomalous gold values were obtained from split core samples. The best assays were in the 200 ppb range, clustered near the middle of the hole.

Conclusions

DDH # KK1121 succeeded in cutting a long section through favourable geology, confirming the presence of alteration and mineralization similar to many gold deposits in the Abitibi Greenstone Belt. Although the gold values encountered were low by ore standards, they were highly anomalous and indicate the possibility of enhanced values elsewhere along the structure.

Recommendations

The structure should be tested along strike to the west. The existing IP coverage should be expanded to the west and followed up with diamond drilling as results warrant.

References

Ontario Geological Survey/Discover Abitibi Map 81 994, Airborne Magnetic Survey, 1:20,000, 2004

Ontario Department of Mines Geological Report No. 30, Bompas and Grenfell Townships, James A. Grant, 1964

Ontario Department of Mines Geological Report 99, Geology of the Eby and Otto Area, H.L.Lovell, 1972

Ontario Geological Survey Map P.3534 – Precambrian Geology of Otto and Eby Townships, L. Pigeon and B.R.Berger, 1:20,000, 2004

MNDM Assessment files

CERTIFICATE

THIS IS TO CERTIFY :

1. I am a graduate in Prospecting Techniques from the Northern College of Applied Arts and Technology, Haileybury Campus, 1976. I have also completed the Geophysical Field School (1990), the Interpretation of Ground and Airborne Geophysical Date Course (1991), Kimberlite Exploration Course (1993) at the Haileybury Campus. I have also taken the Diamond Exploration, Sampling and Evaluation Course by the PDAC (1993). I have been active as a prospector and exploration contractor since 1974.

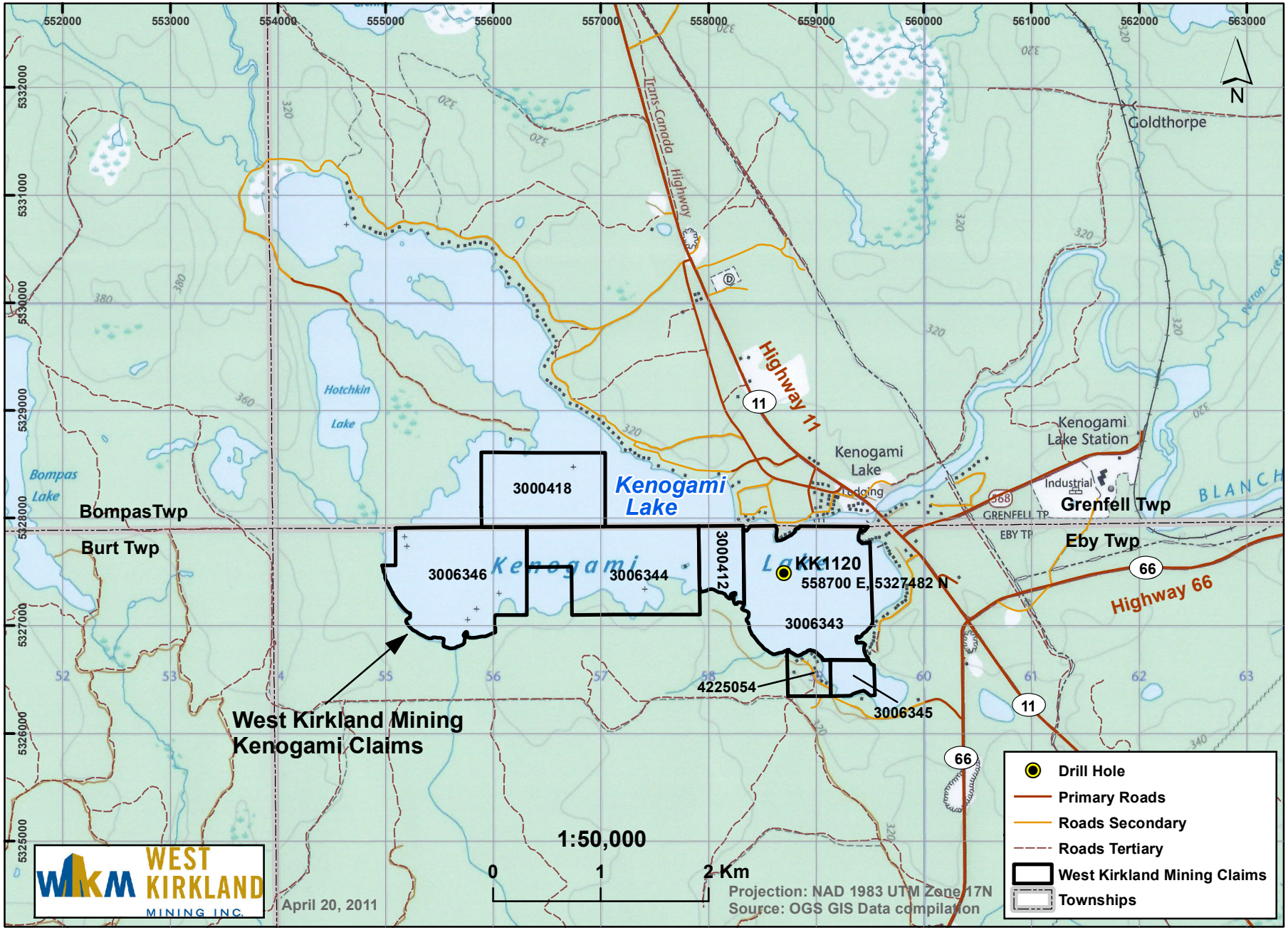
2. I am Past President of the Northern Prospectors Association, Past Vice-Chair of the Ontario Prospectors Association and a Past Director of the Prospectors and Developers Association of Canada.

3. I reside and hold office at 52 Riverside Drive, Swastika, Ontario.

4. I have an interest in the property.

Michael Leahy
December, 2012

West Kirkland Mining Kenogami Drilling Claim Map, Kirkland Lake Project Ontario



250 EL

0 EL

-250 EL

5310000 N

5310500 N

KK1120

OVB

Lithology

	OVB	overburden
	DB	diabase
	BX	breccia
	FLT	fault
	FZN	fault zone
	QV	quartz vein
	GRW	greywacke
	SS	sandstone
	CGT	conglomerate
	II	intermediate intrusive
	DR	diorite
	MI	mafic intrusive
	GB	gabbro
	SYN	syenite
	MVT	mafic tuff
	MVX	mafic flow breccia
	MVP	mafic pillow flow
	MV	mafic volcanic
	UMX	ultramafic volcanic

Assay Legend

Au g/t

0.0 to 0.25

-25 0 25

Scale 1:2500

WEST KIRKLAND MINING INC.

Property: KENOGAMI

Township: Grenfell

Date: Nov. 26, 2012.

Created by: J. Suma-Momoh

NAD 83

Oblique Section KK1120 + KK1121


L24550
L17340
L23763
3966
3968
L12089
L12088
L24649
L11934
L24648
4269621
L37744
L26213
L39941
4258198
CM20
L17638
L70403
4259153
GRENFELL
4259525
L26203
L26212
L9370
4258200
L15502
L19439
L15467
L23396
L10888
L30736
L7935
4266635
L13181
L13263
L8145
L23913
Larder Lake
3000412
3006344
KK1121
3006343
LOCATION
12
1199578
L34386
EBY
LOT 8, CON 6
LOT 7, CON 6
L18837
L18312
L34387
4225054
L17862
LOT 6, CON 6
3006345
L17402
L22226
1199589
L9832
LOT 9, CON 5
LOT 8, CON 5
L9851
1199577
L18402
LOT 7, CON 5
L18357
LOT 6, CON 5
L18356
LOT 5, CON 5
1199588
L9489

Hole Number	From	To	Litho Code	Litho Description
KK1121	0.00	31.00	CAS	Casing
KK1121	31.00	37.60	UMX	Ultramafic volcanic
KK1121	37.60	37.80	FLT	Fault
KK1121	37.80	71.40	UMX	
KK1121	71.40	71.60	FLT	
KK1121	71.60	74.20	UMX	
KK1121	74.20	82.30	II	Intermediate intrusive
KK1121	82.30	84.60	UMX	
KK1121	84.60	85.50	II	
KK1121	85.50	86.40	UMX	
KK1121	86.40	86.60	II	
KK1121	86.60	87.50	UMX	
KK1121	87.50	91.20	II	
KK1121	91.20	100.10	UMX	
KK1121	100.10	102.30	MV	Mafic volcanic
KK1121	102.30	104.80	SYN	Syenite
KK1121	104.80	158.40	MVP	Pillowed mafic volcanic
KK1121	158.40	161.60	MV	
KK1121	161.60	161.70	FLT	
KK1121	161.70	201.60	MVP	
KK1121	201.60	204.30	MVP	
KK1121	204.30	204.40	FLT	
KK1121	204.40	211.30	SYN	
KK1121	211.30	213.80	MI	Mafic intrusive
KK1121	213.80	214.70	SYN	
KK1121	214.70	221.20	GB	Gabbro
KK1121	221.20	222.80	SYN	
KK1121	222.80	231.80	MVP	
KK1121	231.80	233.10	DB	Diabase
KK1121	233.10	233.70	MVP	
KK1121	233.70	237.80	DB	
KK1121	237.80	238.30	MVP	
KK1121	238.30	241.00	DB	
KK1121	241.00	253.30	DB	
KK1121	253.30	268.20	MVP	
KK1121	268.20	274.90	MV	
KK1121	274.90	290.30	GB	
KK1121	290.30	300.10	MV	
KK1121	300.10	307.50	MVX	Mafic volcanic flow breccia
KK1121	307.50	308.20	FI	Felsic intrusive
KK1121	308.20	327.00	MVX	
KK1121	327.00	345.20	MVX	
KK1121	345.20	352.40	MV	
KK1121	352.40	362.80	MV	
KK1121	362.80	364.00	MV	
KK1121	364.00	413.00	MVX	

KK1121	413.00	413.80	MI	
KK1121	413.80	420.20	MV	
KK1121	420.20	447.90	DB	
KK1121	447.90	448.00	FLT	
KK1121	448.00	456.00	MVP	
KK1121	456.00	460.70	MVP	
KK1121	460.70	468.00	MVP	
KK1121	468.00	471.60	DB	
KK1121	471.60	485.00	MV	
KK1121	485.00	489.30	MV	
KK1121	489.30	491.10	MV	
KK1121	491.10	491.90	FZN	Fault zone
KK1121	491.90	494.40	MV	
KK1121	494.40	495.80	MV	
KK1121	495.80	498.60	FZN	
KK1121	498.60	501.20	MV	
KK1121	501.20	502.80	SYN	
KK1121	502.80	504.00	DB	
KK1121	504.00	504.90	SYM	Mafic syenite
KK1121	504.90	505.20	FLT	
KK1121	505.20	507.60	SYM	
KK1121	507.60	509.90	DB	
KK1121	509.90	512.60	SYM	
KK1121	512.60	513.60	MI	
KK1121	513.60	517.60	SYM	
KK1121	517.60	518.00	DB	
KK1121	518.00	522.40	SYM	
KK1121	522.40	525.90	DB	
KK1121	525.90	538.40	II	
KK1121	538.40	542.90	SYN	
KK1121	542.90	563.60	SYN	
KK1121	563.60	564.10	MVX	
KK1121	564.10	564.50	SYN	
KK1121	564.50	579.10	MVX	
KK1121	579.10	580.00	QV	Quartz vein
KK1121	580.00	593.60	MVX	
KK1121	593.60	595.50	DR	Diorite
KK1121	595.50	597.60	SYN	
KK1121	597.60	603.30	SYN	
KK1121	603.30	603.40	FLT	
KK1121	603.40	611.20	SYN	
KK1121	611.20	618.70	MVT	
KK1121	618.70	623.90	SYN	
KK1121	623.90	631.60	SYN	
KK1121	631.60	637.20	SYN	
KK1121	637.20	645.50	SYN	
KK1121	645.50	653.00	SYN	

KK1121	653.00	656.00	SYN
KK1121	656.00	657.60	SYN
KK1121	657.60	659.00	SYN
KK1121	659.00	662.00	SYN
KK1121	662.00	668.90	SYN
KK1121	668.90	669.20	SYN
KK1121	669.20	681.10	SYN
KK1121	681.10	700.20	SYN
KK1121	700.20	721.70	SYN
KK1121	721.70	735.40	SYN
KK1121	735.40	737.20	SYN
KK1121	737.20	737.60	MI
KK1121	737.60	738.70	SYN
KK1121	738.70	739.90	MI
KK1121	739.90	740.90	SYN
KK1121	740.90	741.20	MI
KK1121	741.20	745.70	SYN
KK1121	745.70	747.20	MI
KK1121	747.20	767.40	SYN
KK1121	767.40	769.30	SYN
KK1121	769.30	776.10	SYN
KK1121	776.10	780.30	MI
KK1121	780.30	789.50	SYN

DDH LOG REPORT

WEST KIRKLAND MINING

KIRKLAND LAKE PROJECT

Hole No:	KK1121	**Township:**	Eby	☐ **Casing Left Behind (Y/N)**	**Core_Size:**	NQ	**Logged_By:**	James Suma-Momoh
NAD83E:	558950	**Claim No:**	3006343	☐ **Making Water**	**Collar_Survey_Type:**	GPS	**Contractor:**	CABO
NAD83N:	5327285	**Start_Date:**	17/02/2011	☐ **Grout Plug**	**Downhole_Survey_Type:**	PEEWEE DEVIC	**Core Storage:**	KENOGAMI
Elevation (m):	303	**Finish_Date:**	14/03/2011	☑ **Cemented**				
Azmuth:	160	**Length (m):**	789.5					
Dip:	-53	**Comment:**	Hole drilled on Kenogami Lake, on the ice. Top 30m of hole was cemented.					

Survey

Depth	Azmith	Dip	Mag	Comment
42.00	163.40	-54.10	5,625.00	
72.00	161.50	-53.90	5,614.00	
102.00	161.30	-53.50	5,607.00	
132.00	160.90	-53.50	5,599.00	
162.00	161.00	-53.30	5,598.00	
192.00	160.20	-52.90	55,679.00	
222.00	159.90	-52.90	5,597.00	
252.00	159.50	-52.80	5,777.00	
282.00	159.40	-52.80	5,572.00	
312.00	158.60	-52.80	55,851.00	
342.00	160.40	-52.30	56,676.00	
372.00	157.20	-52.10	5,608.00	
402.00	156.80	-52.10	5,574.00	
432.00	152.80	-52.10	5,653.00	

462.00	-10.82	-51.90	100,071.00	Azimuth and Mag not good
522.00	157.30	-52.60	5,507.00	
552.00	157.70	-52.70	5,580.00	
582.00	159.80	-52.10	5,563.00	
612.00	160.50	-51.70	5,561.00	
789.00	166.50	-49.70	5,584.00	

Geology

From	To	Litho Code	Txt Typ	Alt Int	Alt Style	Alt 1	Alt 2	Alt 3	Vn Type	Vn %	Py %	Oth Min	Comments
0.00	31.00	CAS											31m of Casing. 0 - 6m water, 6 - 31m mud.
31.00	37.60	UMX	FOL	2	P	CHL	ANK		QCV	5	0		Komatiitic Basalt. 80% Komatiite, 20% Basalt. Dark green; foliated (38 - 50 deg TCA);non-mag; MagSus = 0.7 - 0.9. Moderate to strong pervasive chloritic alteration withminor moderate foliation-controlled carbonate alteration. Trace y. The unit contains ~ 5% carbonate veins an stringers. Short pyroxene needles present. Possible fault at 31.2 - 31.35m and 31.5 - 31.7m with clay-grit on fragmented rocks. Highly fractured at 31.7 - 32m; 32.4 - 32.6m.
37.60	37.80	FLT									0		Fault. 60 deg TCA upper fracture with about 3 - 4mm wide clay-grit on fracture□ surface. The interval contains fragmented rock and clay-grit.

Assay

From	To	Spl #	Len	Py %	Au PPM
		444852			0.96
		444770			0.01
		444938			0.04
		445018		2	4.09
		444924			0.02
		444967			0.01
		444952			2.73
		444791			4.11
		444794			0.97
		444942			0.01
		444767			0.01
		444867			0.01
		444970			0.02
		444842			0.01
		444891			4
		444838			0.01
		444894			0.91
		444824			0.01
		444912			0.01

37.80	71.40	UMX	FOL	2	P	CHL	ANK	QCV	5	0	Komatiitic Basalt. Similar to 31 - 37.6m. At 38.5m, late Q-calcite vein (1 - 2cm wide,☐ 146 deg TCA) cross-cuts S1 foliation fabric and Q-carb veins (40 deg TCA). ☐ Occasional hematite stringers. Trace py, local 1 - 2% py. Upper cnt marked by ☐ fracture to fault 49 deg TCA.☐ 1% local py at 45.2m, 45.5m, 45.7m and 46m. Fractured at 46.5 - 46.9m, 49.2 - 49.4m.☐ Mainly blocky between 49.9 and 53.5m. Carb fracture fill at 51.4m (10 deg TCA). ☐ Brittle fracturing at 58.1 - 58.5m; blocky at 59.6 - 61.8m; brittle fracturing at 61.8m - ☐ 62.5m. 1-2% py at 69.5 - 71.3m.
71.40	71.60	FLT								0	Fault. Upper fracture not preserved; 32 deg TCA lower fracture. 2 - 5mm thick clay at upper fracture, followed by clayey grit and fragmented rock. Trace py.
71.60	74.20	UMX	FOL	2	P	CHL	ANK	QCV	2	0	Komatiitic Basalt. Similar to 31 - 37.6m. Upper cnt to fault is marked by 32 deg TCAfracture.
74.20	82.30	II	MAS	1	P	CC		QCV	1	0	Intermediate/Mafic Intrusive. Med-grey to mostly brown; f to m-grained; massive with slight foliation (~ 48 deg TCA); porphyritic. Non-mag; MagSus = 0.5 - 0.7 Weakto moderate pervasive calcitic alteration, with more altered domains giving pinkish cast. Trace to local 1 - 2% very fine py. Sharp upper cnt 43 deg TCA.
82.30	84.60	UMX	FOL	2	P	CHL	ANK	QCV	1	0	Komatiitic Basalt? Dark green, f-grained; foliated (25 - 35 deg TCA); non-mag; MagSus = 0.6 - 0.7. Moderate pervasive chloritic alt with minor weak-mod foliationcontrolled carbonate alt. Trace py. ~ 1% Q-fe carb veining. Sharp upper cnt 38 deg
84.60	85.50	II	MAS	2	P	CHL	CC			0	Mafic/Intermediate Intrusive. Medium grey-green; f to m-grained; massive. MagSus = 0.8. Moderate pervasive chloritic alt; minor mod to strong perv calcitic alt Trace py. Sharp upper cnt 35 deg TCA.
85.50	86.40	UMX	FOL	2	P	CHL	CC	QCV	1	0	Komatiitic Basalt. Similar to 82.3 - 84.6m. Mod to strong pervasive calcitic alteration.Sharp upper cnt ~ 20 deg TCA.

		444818			4.06
		444918			0.98
		444812			0.01
		444870			0.01
		444994			0.79
		444738			0.01
		445012			0.01
		444991			3.54
		444742			0.01
		444752			0.97
69.50	70.50	444734	1	1	0.01
70.50	71.30	444735	0.80	2	0.01
74.20	74.70	444736	0.5	2	0.01
75.40	76.70	444737	1.3	1	0.01
130.50	130.60	444739	0.10	2	0.01
131.10	132.00	444740	0.9	1	0.01
157.90	158.40	444741	0.5	2	0.01
158.40	158.90	444743	0.5	1	0.01
178.90	179.20	444744	0.30	4	0.03
199.00	200.00	444745	1	4	0.15
200.00	200.80	444746	0.80	0	0.01
200.80	201.60	444747	0.80	2	0.01
201.60	203.00	444748	1.4	0	0.01
203.00	204.30	444749	1.30	0	0.01
290.30	291.80	444750	1.5	0	0.01
291.80	293.00	444751	1.20	1	0.01
293.00	294.00	444753	1	1	0.01
294.00	295.50	444754	1.5	0	0.01
295.50	297.00	444755	1.5	0	0.01

86.40	86.60	II	MAS	2	P	CHL	CC		0		Intermediate/Mafic Intrusive. Similar to 84.6 - 85.5m. Mod perv chlorite alt; mod to strong pervasive calcitic alt. Upper cnt grounded up by drill.
86.60	87.50	UMX	FOL	2	P	CHL	CC	QCV	1	0	Komatiitic Basalt. Similar to 82.3 - 84.6m. Mod to strong perv calcitic alt. Sharpundulating upper cnt ~ 10 deg TCA.
87.50	91.20	II	MAS	2	P	CHL	CC		0		Intermediate/Mafic Intrusive. Similar to 84.6 - 85.5m. Competent. Sharp and undulating upper cnt ~ 30 deg TCA.
91.20	100.10	UMX	FOL	2	P	CHL	ANK	QCV	5	0	Komatiitic Basalt. Similar to 82.3 - 84.6m. Mod pervasive chloritic alt; modfoliation-controlled carb alt. Komatiitic basalt? Sharp upper cnt 40 deg TCA.
100.10	102.30	MV	MAS	1	P	CHL			0		Mafic Volcanic. Medium green; very fine-grained, aphanitic; massive, non-mag; MagSus = 0.8. Weak to mod pervasive chloritic alt. Trace py. Breaks with an almost chonchoidal fracture. The unit is blocky. Highly fractured and fragmented at 101.4 - 101.7m. Tholeiitic basalt? Sharp upper cnt 30 deg TCA.
102.30	104.80	SYN	MAS						0		Syenite. Light pinkish-brown; c-grained; massive. Non-mag; MagSus = 0.1 - 0.3; not altered. Local trace py. Less than 1% Q-calcite veining. Sharp upper cnt 78 deg TCA.

297.00	298.20	444756	1.20	1	0.01
298.20	299.00	444757	0.8	3	0.01
299.00	300.10	444758	1.10	1	0.01
328.80	329.90	444759	1.10	0	0.01
329.90	331.40	444760	1.5	1	0.01
331.40	332.20	444761	0.80	0	0.01
332.20	332.80	444762	0.6	2	0.01
336.80	337.80	444763	1	0	0.01
337.80	338.20	444764	0.40	2	0.01
338.20	339.50	444765	1.3	0	0.01
339.50	340.60	444766	1.10	7	0.01
340.60	341.60	444768	1	10	0.01
341.60	342.80	444769	1.2	1	0.01
362.70	363.70	445015	1	0	0.01
363.70	364.00	444771	0.3	2	0.16
364.00	365.10	445016	1.10	0	0.1
365.10	366.10	445017	1	0	0.1
366.10	366.60	444772	0.5	5	0.2
366.60	367.60	445019	1	0	0.4
383.00	384.00	444773	1	1	0.02
384.00	384.80	444774	0.8	25	0.22
384.80	386.10	444775	1.30	2	0.07
448.00	448.60	444776	0.60	2	0.1
507.00	507.50	444777	0.5	2	0.21
511.60	512.60	444778	1	1	0.02
526.60	527.40	444779	0.80	2	0.02
537.00	538.40	444780	1.40	0	0.02
538.40	539.40	444781	1	1	0.02
539.40	540.40	444782	1	2	0.07

104.80	158.40	MVP	MAS	2	P	CHL	CC	QCCV	2	0	Mafic Volcanic. Pillow Basalt. Dark green to black; very fine to f-grained; non-mag;☐ MagSus = 0.3 - 1.3; weak to moderate pervasive chloritic alt; weak to strong perv☐ calcitic alt. Py is generally trace but up to 2% locally. Local brecciation and brittle☐ fracturation. ~ 2% calcite veining. Sharp upper cnt 80 deg TCA.☐ ☐ 104.8 - 129m: 106 - 106.8m is brecciated with a calcite-filled fracture (10 deg TCA at☐ Possible fault at 110.8 - 110.9m. Brecciation at 111.1 - 111.5m & at 112.7 - ☐ 113.8m. Fractured at 118.5 - 119.4m; 120.8 - 121.3m. 1% local py at 124.5m.☐ ☐ 129 - 158.4m: 2% py associated with Q-vein (1.5 - 4cm wide, 37 deg TCA) at 130.5m;☐ similarly also at 131m, 131.3m, 131.5m and 131.9 - 132m. Q-calcite vein☐ (1.5 - 4.5cm wide, 33 deg TCA) with py and very fine silvery grey mineral.☐ 142 - 153.9m is quite homogeneous with calcite stringer stockwork; ☐ fractured at 143.6 - 144m, 146.1 - 146.4m. 1 - 2% py at 157.9 - 158.4m.
158.40	161.60	MV	FOL	3	P	CHL	ANK	QCV	3	0	Foliated Basalt. Medium to dark green, f to m-grained; foliated 60 - 65 deg TCA. ☐ Non-mag; MagSus = 0.8. Strong pervasive chloritic alteration; minor mod foliation-☐ controlled carb alt. Trace to local 1% py. Sharp upper cnt 67 deg TCA. ☐ Fault at 158.45m, 61 deg TCA upper and lower fractures with a film of gritty-clay on☐ both surfaces. Clay-grit on rubbles in between fractures (~ 2cm wide). Fault at 161.6m.
161.60	161.70	FLT									Fault. 65 deg TCA upper fracture; 60 deg TCA lower fracture. 1 -3cm wide gritty-clay☐ between fractures.

540.40	541.30	444783	0.9	2	0.06
541.30	541.80	444784	0.5	0	0.01
541.80	542.90	444785	1.10	2	0.08
542.90	544.40	444786	1.5	1	0.04
544.40	545.90	444787	1.5	1	0.01
545.90	547.40	444788	1.5	1	0.01
547.40	548.90	444789	1.5	1	0.02
548.90	550.00	444790	1.1	2	0.02
550.00	551.50	444792	1.5	1	0.02
551.50	553.00	444793	1.5	0	0.02
553.00	554.40	444795	1.40	0	0.02
554.40	555.60	444796	1.2	1	0.02
555.60	556.90	444797	1.30	1	0.03
556.90	558.40	444798	1.5	0	0.01
558.40	559.90	444799	1.5	0	0.02
559.90	561.30	444800	1.4	0	0.01
561.30	562.00	444801	0.70	0	0.01
562.00	562.80	444802	0.8	2	0.03
562.80	563.60	444803	0.8	1	0.01
563.60	564.10	444804	0.5	1	0.01
564.10	564.50	444805	0.40	0	0.01
564.50	566.00	444806	1.5	1	0.01
566.00	567.50	444807	1.5	2	0.01
567.50	568.50	444808	1	3	0.01
568.50	569.40	444809	0.90	5	0.01
569.40	570.90	444810	1.5	1	0.01
570.90	572.40	444811	1.5	2	0.01
572.40	573.50	444813	1.1	2	0.01
573.50	574.50	444814	1	2	0.01

161.70	201.60	MVP	MAS	2	P	CHL	CC		QCCV	5	0	Cp 0	Mafic Volcanic. Pillow Basalt. Similar to 104.8 - 158.4m. Massive; weak to mod mag;☐ MagSus = 0.8 - 44.4. Py is generally trace; locally 1 - 5%. Calcite veining and stringers☐ common. Upper cnt marked by fracture to fault 60 deg 161.7 - 178.9m: Quite homogeneous. Calcite veins and stringers common.☐ ☐5% chalcopy in calcite fracture-fill (42 deg TCA) at 174.1m.☐ 178.9 - 201.6m: Q-veins (1 -5cm wide; 40 deg TCA) with ~ 5% py at 179m.☐ Brecciated at 188.4 - 188.8m with calcite cement. 2 - 5% py associated with☐ Q-Fe carb ± veining between 199 & 200m.
201.60	204.30	MVP	SH	2	P	CHL	ANK	SER	QCV	5	0		Mafic Volcanic. Pillow Basalt. Sheared (50 - 60 deg TCA), mod perv chloritic alt; weak☐ foliation-controlled carbonate and wispy sericitic alt. Trace py; Grad upper cnt.
204.30	204.40	FLT									0		Fault. 57 deg TCA upper fracture. 2-3cm wide gritty-clay at upper fracture,☐ followed by fragmental rock and gritty-clay. No visible sulphide.
204.40	211.30	SYN	MAS	1	FR	CHL					0		Syenite. Light to medium brown; c-grained; massive; non-mag; MagSus is uniformly☐ ~ 0.1. Weak fracture-controlled chloritic alt. Trace py. Unit is blocky. 204.5 - 205.4m☐ is as well fractured and broken up at 204.8 - 204.9m, & at 205.4m. Upper cnt marked☐ fracture to fault 56 deg TCA.
211.30	213.80	MI	MAS	1	PA	CHL			QCV	1	0		Mafic Intrusive (60%) + Syenite (40%). A mixed interval. Light pink grey to dark grey;☐ medium to c-grained; massive. Non-mag; MagSus = 0.5 - 0.7. Weak patchy chloritic alt.☐ Trace to local 1% py. Local brecciation at 211.5 - 212m (with fault at 211.8m; upper☐ fracture grounded up by drill; has 2-3mm gritty mud; followed by fragmented rock☐ and 53 deg TCA lower fracture). 1% Q- fe carb veining. Sharp upper cnt marked by ☐ Q-fe carb vein ~ 40 deg TCA.

574.50	575.50	444815	1	12	0.01
575.50	575.80	444816	0.3	10	0.05
575.80	576.90	444817	1.10	0	0.01
576.90	578.00	444819	1.1	5	0.03
578.00	579.10	444820	1.1	2	0.03
579.10	580.00	444821	0.90	1	0.3
580.00	581.00	444822	1	8	0.4
581.00	582.50	444823	1.5	2	0.01
582.50	584.00	444825	1.5	2	0.01
584.00	585.50	444826	1.5	1	0.01
585.50	587.00	444827	1.5	0	0.01
587.00	588.50	444828	1.5	0	0.01
588.50	590.00	444829	1.5	0	0.01
590.00	591.50	444830	1.5	1	0.01
591.50	592.60	444831	1.1	2	0.01
592.60	593.60	444832	1	1	0.01
595.50	596.60	444833	1.1	1	0.01
596.60	597.70	444834	1.10	0	0.01
597.70	599.20	444835	1.5	1	0.01
599.20	600.50	444836	1.3	2	0.01
600.50	601.50	444837	1	3	0.01
601.50	602.50	444839	1	2	0.01
602.50	603.30	444840	0.8	1	0.01
603.30	603.40	444841	0.10	0	0.03
603.40	604.90	444843	1.5	0	0.01
604.90	606.40	444844	1.5	0	0.01
606.40	607.90	444845	1.5	0	0.01
607.90	608.90	444846	1	0	0.01
608.90	609.90	444847	1	0	0.01

213.80	214.70	SYN	MAS	1	FR	CHL		QCV	1	0	Syenite. Greyish-brown; c-grained, massive; non-mag; MagSus = 0.4 - 0.6. Weak☐ fracture-controlled chloritic alt. Trace py. Sharp and wavy upper cnt ~ 48 deg TCA on ☐ average.
214.70	221.20	GB	MAS	1	S	CC				0	Mafic Intrusive. Gabbro? Med to dark-grey to black, m-grained; non-mag; MagSus = ☐ 0.5 - 0.8; weak spotty calcitic alt. Rare trace py. Sharp upper cnt 55 deg TCA.
221.20	222.80	SYN	MAS	1	FR	CHL				0	Syenite. Light brown. Similar to 213.8 - 214.7m. Brecciated at 222.6 - 222.8m with a ☐ mafic cement. Sharp and wavy upper cnt ~ 42 deg TCA on average.
222.80	231.80	MVP	MAS	2	P	CHL	CC	CCV	5	0	Mafic Volcanic. Pillow Basalt. Dark green to black; f-grained; massive; non- to weak☐ mag; MagSus = 5.8 - 10.1; mod perv chloritic alt; minor local weak to strong calcitic alt.☐ Trace to local 1% py. ~5% calcite veining and stringers. Cooling fractures throughout☐ unit. Sharp upper cnt 53 deg TCA. Q-calcite vein (5 - 15cm wide, 20 deg TCA) with ☐ race py at 228m. lower 0.5m of the unit is foliated 35 deg TCA.
231.80	233.10	DB	MAS	3	P	CC		CCV	1	0	Diabase dyke. Dark grey to black; fine to very f-grained; massive; mod to strong mag;☐ MagSus = 80.5 - 86.4. Strong pervasive calcitic alteration. No visible sulphide. Sharp☐ upper cnt is chilled, 30 deg TCA.
233.10	233.70	MVP	FOL	2	P	CHL	CC			0	Mafic Volcanic. Pillow Basalt. Similar to 222.8 - 231.8m but foliated 36 deg TCA. Trace☐ py. Sharp upper cnt 33 deg TCA has been offset (1cm) by calcite vein (138 deg TCA).

609.90	611.20	444848	1.3	2	0.02
611.20	612.70	444849	1.5	0	0.01
612.70	614.20	444850	1.5	1	0.01
614.20	615.70	444851	1.5	1	0.02
615.70	617.20	444853	1.5	0	0.01
617.20	618.70	444854	1.5	0	0.02
618.70	619.30	444855	0.6	1	0.01
619.30	620.30	444856	1	5	0.01
620.30	621.30	444857	1	5	0.03
621.30	622.40	444858	1.10	3	0.01
622.40	623.90	444859	1.5	1	0.01
623.90	625.40	444860	1.5	0	0.01
625.40	626.90	444861	1.5	0	0.01
626.90	628.40	444862	1.5	0	0.01
628.40	629.90	444863	1.5	0	0.01
629.90	630.80	444864	0.9	0	0.01
630.80	631.60	444865	0.8	0	0.01
631.60	632.20	444866	0.60	0	0.01
632.20	633.10	444868	0.9	3	0.02
633.10	634.60	444869	1.5	1	0.02
634.60	636.10	444871	1.5	0	0.01
636.10	637.20	444872	1.10	0	0.03
637.20	638.00	444873	0.8	0	0.01
638.00	639.00	444874	1	2	0.02
639.00	640.00	444875	1	1	0.01
640.00	641.50	444876	1.5	0	0.01
641.50	642.50	444877	1	0	0.01
642.50	643.50	444878	1	1	0.01
643.50	644.50	444879	1	1	0.03

233.70	237.80	DB	MAS	1	S	EPI	HEM	CCV	10	0	Diabase dyke. Dark greyish-brown to black. Fine to very f-grained. Strong mag; ☐ MagSus = 147.8 - 256.1. Weak spotty epidote alteration; minor weak spotty and ☐ fracture-controlled hematitic alt. Trace py. The unit is marked by ~ 10% calcite and ☐ fe-carb veins and cross-cutting stringers. Thin pillow basalt unit at 236.8 - 237m (26☐ deg Tea). Sharp upper cnt ~ 43 deg TCA.☐ deg TCA.
237.80	238.30	MVP	FOL	2	P	CHL	CC			0	Mafic Volcanic. Pillow Basalt. Similar to 233.1 - 233.7m. Calcitic alteration is weak.☐ Sharp upper cnt 32 deg TCA.
238.30	241.00	DB	MAS					CCV	10	0	Diabase dyke. Medium to dark grey to almost black. Unaltered. Strong mag; MagSus☐ equals 108.6 - 128.9; trace py. ~ 10% calcite veins and stringers. Sharp upper cnt 67☐ deg TCA.
241.00	253.30	DB	MAS	1	FR	CHL		CCV	1	0	Diabase. Fractured Zone. Blocky and highly fractured unit. Mod to strong mag; ☐ MagSus = 76 - 144.1; weak fracture-controlled chloritic alt. Only local trace py. Upper☐ fracture 65 deg TCA. Fragmental rock at 241 - 241.2m; Calcite-filled fracture (0 -15 deg ☐ TCA) with calcite crystals (up to 1cm wide) and py crystals (~ 5%, 1mm x 1mm wide)☐ at 241.4 - 241.6m. Fractured and fragmental rock at 241.5 - 244.8m (with breccia and ☐ solution cavities at 244.4 - 244.7m); 246.8 - 247.5m; 247.9 - 249m; 250.1 - 250.6m; ☐ 251.5 - 252m. Highly variable fracture angles (0 - 90 deg TCA).
253.30	268.20	MVP	MAS	1	P	CHL		CCV	5	0	Mafic Volcanic. Pillow Basalt. Dark green. Similar to 222.8 - 231.8m. Upper cnt not ☐ well defined, ~ 42 deg TCA. Non- to weak mag; MagSus = 3 - 30.3. Pillow at 255m is☐ ~ 15cm wide. Brecciated at 266.9 - 267m with an almost black cement. Trace py.

644.50	645.50	444880	1	1	0.02
645.50	646.50	444881	1	2	0.02
646.50	647.50	444882	1	3	0.08
647.50	648.50	444883	1	2	0.04
648.50	649.80	444884	1.3	0	0.01
649.80	650.80	444885	1	1	0.01
650.80	651.90	444886	1.10	0	0.01
651.90	653.00	444887	1.1	0	0.01
653.00	654.00	444888	1	4	0.04
654.00	655.00	444889	1	5	0.03
655.00	655.80	444890	0.8	3	0.01
655.80	656.00	444892	0.20	5	0.05
656.00	656.80	444893	0.8	5	0.02
656.80	657.60	444895	0.8	5	0.02
657.60	658.30	444896	0.70	3	0.02
658.30	659.00	444897	0.70	4	0.01
659.00	660.00	444898	1	4	0.02
660.00	660.50	444899	0.5	5	0.04
660.50	661.00	444900	0.5	5	0.03
661.00	661.50	444901	0.5	5	0.02
661.50	662.00	444902	0.5	0	0.03
662.00	663.50	444903	1.5	0	0.01
663.50	665.00	444904	1.5	0	0.01
665.00	666.50	444905	1.5	0	0.01
666.50	667.70	444906	1.20	0	0.01
667.70	668.90	444907	1.20	0	0.01
668.90	669.20	444908	0.3	0	0.01
669.20	669.80	444909	0.6	0	0.01
669.80	671.30	444910	1.5	0	0.01

268.20	274.90	MV	MAS	1	P	CHL				0		Mafic Volcanic; basalt. Green; f-grained; massive. Non-to weakly mag; MagSus = 1.8☐ to 14.2. Weak pervasive chloritic alteration. Trace py. Blocky and fractured with☐ rusty surfaces. interval. Grad upper cnt.
274.90	290.30	GB	MAS	3	P	CC			CCV	1	0	Gabbro. Dark grey; Similar to 214.7 - 221.2m. Strong pervasive calcitic alt. Trace to ☐ local 1% py. 274.9 - 276.6m is fractured and blocky, with syenitic fragments; ~ 1% py. ☐ 276.6 - 290.3m is quite homogeneous with ~ 1% calcite veining. 48 deg TCA sharp☐ upper cnt.
290.30	300.10	MV	MAS	1	P	CHL			QCCV	2	1	Mafic Volcanic. Basalt flow. Dark green to black. Fine to very f-grained; massive with☐ local foliation and cooling fractures; non-mag to weakly mag; MagSus = 0.5 - 20.4;☐ weak pervasive chloritic alt. Trace to local 1 - 3% py. ~ 2% Q-calcite veins & stringers☐ present. Broken up at 293.1 - 293.3m and at 298.5 - 298.6m. Up to ~ 3% py from ☐ 298.2 - 299m. Sharp upper cnt 51 deg TCA.
300.10	307.50	MVX	BX	2	P	CHL	CC	ANK	QCCV	3	0	Mafic Flow Breccia. Basalt. Medium green; f-grained; mainly brecciated &☐ foliated. Non-mag; MagSus = 0.5 - 1.2. Moderate pervasive chloritic alt; local mod to☐ strong pervasive calcitic alt; mod carbonate and sericitic alt. Trace py. Orange-buff☐ breccia fragments in a calcite cement at 302.1 - 302.3. Grad upper cnt
307.50	308.20	FI	MAS	1	S	CHL				0		Felsic Intrusive dyke. Light buffy-brown; c-grained; massive; non-mag; MagSus = 0.3☐ to 0.4. Weak spotty & fracture controlled chloritic alt. Trace py. Upper and lower cnts☐ not preserved.

671.30	672.80	444911	1.5	0	0.01
672.80	674.00	444913	1.20	0	0.01
674.00	675.50	444914	1.5	0	0.01
675.50	677.00	444915	1.5	0	0.03
677.00	678.50	444916	1.5	0	0.02
678.50	680.00	444917	1.5	0	0.01
680.00	681.10	444919	1.1	0	0.03
681.10	682.10	444920	1	2	0.06
682.10	683.10	444921	1	2	0.06
683.10	684.10	444922	1	1	0.01
684.10	685.60	444923	1.5	0	0.02
685.60	686.60	444925	1	2	0.04
686.60	688.10	444926	1.5	1	0.05
688.10	689.20	444927	1.10	1	0.03
689.20	690.20	444928	1	1	0.07
690.20	691.70	444929	1.5	0	0.01
691.70	693.20	444930	1.5	0	0.01
693.20	694.30	444931	1.1	0	0.01
694.30	695.80	444932	1.5	2	0.01
695.80	697.30	444933	1.5	1	0.01
697.30	698.80	444934	1.5	1	0.02
698.80	700.20	444935	1.40	0	0.01
700.20	701.20	444936	1	2	0.04
701.20	702.70	444937	1.5	2	0.04
702.70	704.20	444939	1.5	2	0.06
704.20	705.20	444940	1	3	0.04
705.20	706.20	444941	1	3	0.03
706.20	707.70	444943	1.5	2	0.05
707.70	709.20	444944	1.5	2	0.06

308.20	327.00	MVX	BX	2	P	CHL	ANK	SER	QCCV	5	0	Mafic Flow Breccia. Basalt. Similar to 300.1 - 307.5m. Upper cnt not preserved. Minor☐ faults at 308.7m (58 deg TCA lower fracture with ~ 3mm clayey-grit) and 309.3m (53☐ deg TCA with 2mm wide clay). Broken up at 318.5 - 318.8m. Fragmented and blocky☐ at 325.5 - 326m. Minor fault at 326m (63 deg TCA lower fracture with 1 - 8mm wide☐ clay).
327.00	345.20	MVX	BX	2	P	CHL	ANK	SER	QCV	10	1	Mafic Flow Breccia. Similar to 300.1 - 307.5m. Only local weak calcitic alt. Grad upper☐ cnt. ~ 10% Q-fe carb veining present. Local massive horizons present (332.7 - 336m☐ with trace py. Brecciated horizons may have up to 1% py; and locally 5% at 332.3m;☐ 2% at 337.8 - 338.2m; 7 - 10% between 339.5 & 341.6m. 341.6 - 344.4m is blocky with ☐ 3 close and narrow mud-slips (56 deg TCA) at 341.6 - 341.7m; and 40cm of core lost☐ between 342m & 345m.
345.20	352.40	MV	MAS	3	S	LEU	CC		QCCV	3	0	Basalt. Dark grey to black; f- to m-grained; massive, non-mag; MagSus = 1.1 - 2.0. ☐ Strong spotty leucoxene alt; moderate pervasive calcitic alt. Trace py. ~ 3% Q-calcite☐ veins present. Sharp upper cnt 10 deg TCA.
352.40	362.80	MV	MAS						QCV	2	0	Basalt. Dark grey to black; f-grained; massive; non-mag; MagSus = 0.7 - 2.1.☐ Generally unaltered. Upper cnt is grounded up by drill. 4 - 6cm wide diabase dyke☐ (36 deg and 30 deg TCA upper and lower cnts) at 352.4m. Calcite veins and stringer☐ network common between 353.5 & 353.8m. Brecciated at 353.8 - 354.3m. Calcite-☐ Calcite-hematite veining common between 355.5 & 362.1m with Q- fe carb vein (2cm☐ wide, 60 deg TCA) hosting 1% local py at 361m

709.20	710.70	444945	1.5	2	0.06
710.70	711.70	444946	1	1	0.04
711.70	713.20	444947	1.5	2	0.03
713.20	714.20	444948	1	3	0.02
714.20	715.70	444949	1.5	2	0.02
715.70	717.20	444950	1.5	2	0.07
717.20	718.70	444951	1.5	1	0.02
718.70	720.20	444953	1.5	2	0.02
720.20	721.70	444954	1.5	2	0.01
721.70	723.20	444955	1.5	1	0.01
723.20	724.70	444956	1.5	1	0.02
724.70	726.20	444957	1.5	2	0.06
726.20	727.70	444958	1.5	2	0.02
727.70	728.70	444959	1	1	0.02
728.70	729.70	444960	1	1	0.03
729.70	731.00	444961	1.3	1	0.01
731.00	732.50	444962	1.5	1	0.02
732.50	734.00	444963	1.5	1	0.02
734.00	735.40	444964	1.40	0	0.02
735.40	736.30	444965	0.9	0	0.01
736.30	737.20	444966	0.90	0	0.02
737.20	737.60	444968	0.4	0	0.01
737.60	738.70	444969	1.10	0	0.02
738.70	739.90	444971	1.20	0	0.01
739.90	740.90	444972	1	0	0.01
740.90	741.20	444973	0.3	0	0.01
741.20	742.40	444974	1.20	0	0.02
742.40	743.90	444975	1.5	0	0.02
743.90	744.80	444976	0.9	0	0.03

362.80	364.00	MV	MAS	3	S	LEU	CC		QCCV	5	0	Basalt. Similar to 345.2 - 352.4m. Local weak calcitic alt. Q-fe carb vein flooding with with 1 - 2% py and trace py at 363.7 to 364m. Gradational upper cnt. Possible fault at at 364m with broken up and clay-coated fragments; upper fracture not preserved; 78 deg TCA lower fracture.
364.00	413.00	MVX	BX	1	P	CHL	CC	ANK	QCCV	5	1	Mafic Flow Breccia. Similar to 300.1 - 307.5m; locally massive and foliated. Non- to weakly mag; MagSus = 0.4 - 64.7. Trace to local 30% py. Upper cnt is marked by lower fracture of fault, 78 deg TCA. 364 - 389.5m: Non-mag; 0.4 - 2.6; patchy and wispy sericite common between 364m &364.9m. 8 - 10% local py between 366.3 & 366.5m. Q-calcite ± fe carb veins (0.5 - 8cmwide; 55 - 75 deg TCA) occurring between 378.5 & 386.1m are associated with py (1 - 10% py). E.g.; Q-calcite vein (0.7 - 1.2cm wide, 51 deg TCA) with 2-3% py at 378.6m; Q- fe carb flooding between 384m & 384.8m with 25 - 30% py, and this is of strong fe-carbonate alteration. Q-fe carb vein (8cm wide, 55 deg TCA) with ~ 10% seams at 385.9m. 389.5 - 413m: This interval contains trace to local 1% py concentration in host rock. Py concentration is locally as high as 5% in Q-calcite ± fe carb veins. 5% py in calcite vein (31 deg TCA) at 391.7m; Q-fe carb vein (5 - 6cm wide, 54 deg TCA) with ~ 1% py at 394.3m. 5% py in calcite vein (30 deg TCA) at 397.6m. Generally non-mag; MagSus = ~ 1; except at 393m with mod mag; MagSus equals 64.7. Trace py from 397.7 - 413m.

744.80	745.70	444977	0.90	1	0.03
745.70	747.20	444978	1.5	0	0.01
747.20	748.70	444979	1.5	1	0.03
748.70	750.10	444980	1.4	1	0.03
750.10	750.60	444981	0.5	1	0.02
750.60	752.10	444982	1.5	1	0.02
752.10	753.60	444983	1.5	1	0.01
753.60	754.60	444984	1	1	0.05
754.60	756.00	444985	1.40	1	0.02
756.00	757.50	444986	1.5	1	0.03
757.50	759.00	444987	1.5	1	0.06
759.00	760.00	444988	1	2	0.03
760.00	761.50	444989	1.5	1	0.03
761.50	763.00	444990	1.5	1	0.02
763.00	764.00	444992	1	2	0.03
764.00	765.00	444993	1	2	0.03
765.00	766.20	444995	1.20	1	0.04
766.20	767.40	444996	1.20	1	0.06
767.40	768.40	444997	1	0	0.02
768.40	769.30	444998	0.9	0	0.02
769.30	770.80	444999	1.5	0	0.02
770.80	772.30	445000	1.5	0	0.02
772.30	773.80	445001	1.5	0	0.02
773.80	775.00	445002	1.20	0	0.02
775.00	776.10	445003	1.1	1	0.03
776.10	777.50	445004	1.40	0	0.08
777.50	778.90	445005	1.40	0	0.01
778.90	780.30	445006	1.4	0	0.01
780.30	781.80	445007	1.5	2	0.03

413.00	413.80	MI	MAS						0		Mafic Intrusive. Greyish-brown; f- to m-grained; massive but locally porphyritic. ☐ Non-mag; MagSus = 0.8 - 1. Appears unaltered. No visible sulphide. Sharp upper☐ cnt; 54 deg TCA on average.
413.80	420.20	MV	MAS					QCCV	2	0	Basalt. Dark grey to black with an almost purple sheen f- to very f-grained; non- to ☐ strong mag; MagSus = 3.5 - 115.6. Magnetism increases gradually downhole. Local☐ weak pervasive chloritic alt. Trace to local 3% py. 1% py (at 413 - 415.3m). Calcite-☐ hematite-chlorite veining (10 deg TCA) at 415.1 - 415.5m. Q-calcite vein (3.5 - 8cm☐ wide; 45 deg TCA on average) with ~ 3% py at 418m. Sharp upper cnt 55 deg TCA.
420.20	447.90	DB	MAS	1	S	EPI	HEM	CCV	5	0	Diabase. Medium grey; f to m-grained; massive; non- to generally strong mag; MagSus ☐ equals 9.9 - 100.3; weak to mod spotty epidote alt; weak to mod fracture-controlled ☐ hematitic alt. Trace py. Sharp upper cnt 19 deg TCA. Incorporated basaltic unit at ☐ 420.3 - 420.7m (wavy upper cnt ~ 15 deg TCA). Fault at 420.7m - 420.8m (upper cnt☐ not preserved; fragmental rock followed by 78 deg TCA lower fracture with ~ 5mm ☐ clayey grit). ~ 5% calcite-epidote and calcite-hematite veins and stringers present. ☐ 439.8 - is of mod hematite altered with fe-carb hematite vein (1mm - 15mm wide'☐ 20 deg TCA) having 2% local chalcopy at 440.4m.
447.90	448.00	FLT							0		Fault. 58 deg TCA upper and lower fractures with ~ 2.5cm wide mud at 447.9m; ☐ followed by narrow mud-slip (56 deg TCA) and fault at 448m (1mm - 1cm wide mud;☐ 72 deg TCA).

781.80	783.30	445008	1.5	2	0.04
783.30	784.80	445009	1.5	2	0.04
784.80	786.30	445010	1.5	2	0.05
786.30	787.40	445011	1.10	2	0.03
787.40	788.50	445013	1.1	2	0.03
788.50	789.50	445014	1	2	0.02

448.00	456.00	MVP	MAS	2	FR	HEM	CHL	QV	1	0	Mafic Volcanic. Pillow basalt. Medium to dark green; very fine to f-grained; weakly☐ magnetic; MagSus = 17.1 - 19.4. A blocky and highly fractured interval. Moderate ☐ fracture-controlled hematitic alt; minor weak chloritic alt. Trace py. Q-vein (1 - 3cm ☐ wide, 26 deg TCA) with ~ 2% py at 448.2m. Possible fault at 448.8m (upper and lower☐ cnts not preserved; clay-grit coated fragments). 70% core recovery between 450m☐ & 451m. 50% core recovery between 453m & 456m.
456.00	460.70	MVP	MAS	1	P	CHL	HEM			0	Mafic Volcanic. Pillow basalt. A more competent interval. Moderate mag; MagSus = ☐ 78.6; dominant weak pervasive chloritic alt; minor weak fracture-controlled ☐ hematitic alt. Trace py. Grad upper cnt.
460.70	468.00	MVP	MAS	2	FR	HEM	CHL			0	Mafic Volcanic. Pillow basalt. A highly blocky, fractured and fragmented interval☐ similar to 448.7 - 456m. Non-mag; MagSus = 0.8 - 5.1. Local trace py. Solution cavities☐ common. 60% core recovery between 461m & 463m. Possible fault at 463.3m (20 ☐ deg TCA upper fracture). Possible at 465.3 - 465.8m (~ 0 - 5 deg TCA upper fracture,☐ with fragmented and clay-grit coated rubbly). 70% core recovery between 465m &☐ 468m. Contains thin units of diabase dyke. Fragmented upper cnt.
468.00	471.60	DB	MAS							0	Diabase: medium grey; f-grained; massive; strongly mag; MagSus = 138.6 - 145. ☐ Unaltered. Trace py. Epidote (3cm x 4cm wide) at 468.2m. The unit contains a thin☐ horizon of basalt at 470.9 - 471.1m. Sharp wavy upper cnt ~ 10 deg TCA.

471.60	485.00	MV	MAS	1	P	CHL	CCV	1	0	Basalt. Massive; Dark green to black; f- to very f-grained; weak - mod mag; MagSus = ☐ 13.9 - 64.1. Weak perv chloritic alt; local weak carbonate & fracture-controlled☐ hematitic alt. Contains thin diabase dykes (e.g.; at 471.8 - 471.84m; 51 deg TCA).☐ 70% core recovery between 477m & 480m. Trace py; 1% local py at 481.9 - 482.1m. ☐ Sharp upper cnt 38 deg TCA.
485.00	489.30	MV	MAS	1	P	CHL			0	Basalt. Similar to 471.6 - 485m but highly fractured, broken up and blocky interval. ☐ A fault zone? 55% core recovery between 485m & 489m. Upper fracture 25 deg TCA.
489.30	491.10	MV	MAS						0	Basalt (60%) + Diabase (40%). Dark grey to black; fine to very fine-grained. Massive;☐ moderate to strong mag; MagSus = 58.2 - 180.5. Unaltered. Trace py. 65 deg TCA☐ upper fracture.
491.10	491.90	FZN							0	Fault Zone. The entire interval is of clay-coated fragmental rock. Fractured pieces☐ show ~ 0 deg TCA. 80% core recovery in this interval.
491.90	494.40	MV	MAS						0	Basalt (60%) + Diabase (40%). Very similar to 489.3 - 491.1m. 60 deg TCA upper ☐ fracture to fault. The unit is particularly blocky; broken up at 493.4 - 493.9m. Upper☐ fracture 60 deg TCA.
494.40	495.80	MV	MAS	1	P	CHL			0	Basalt. Medium to dark green. F-grained; massive; non mag; MagSus = 0.7 - 6.9.☐ Weak pervasive chloritic alt. Trace py. This is a blocky and fractured unit; broken up☐ at 495m and at 495.2 - 495.3m.
495.80	498.60	FZN							0	Fault Zone. A highly fragmented and broken up interval. 40% core recovery in this☐ interval. Basalt fragments. 20 deg TCA upper fracture.
498.60	501.20	MV	MAS	1	P	CHL	QCV	1	0	Basalt; similar to 494.4 - 495.8m. Brecciated at 498.6 - 498.9m and at 499.7m with ☐ calcite and fe-carb cement. ~ 1% Q-fe carb veining present. Upper cnt is fragmented.

501.20	502.80	SYN	MAS	1	FR	CHL			0	Syenite. Pinkish-brown; c-grained; massive; non-mag; MagSus = 1.6 - 2.9. Weak☐ fracture-controlled chloritic alt. Trace py. Possible faults at 501.5 - 502.3m and at ☐ 502.6 - 502.7m. Brecciated at 502.7 - 502.8m. 80% core recovery in this unit. Upper☐ cnt not preserved.
502.80	504.00	DB	MAS						0	Diabase Dyke. Contains syenite xenoliths. Blocky and fractured interval. MagSus ☐ varies from 5.9 - 105.8. Lower mags in syenite fragments but moderate (67.7) to ☐ strong mag in diabase. Brecciated at 502.8 - 503.3m with carbonate cement. Trace py. ☐ 25 deg TCA sharp upper cnt.
504.00	504.90	SYM	MAS	1	FR	CHL			0	Mafic Syenite. Dark greyish-brown. F- to m-grained unit Contains thin dykes of☐ diabase. A blocky and fractured interval. Weak fracture controlled and pervasive☐ chloritic alt. Trace py. Weak to strong mag; MagSus = 9.4 - 97.9. Upper cnt 40 deg TCA.
504.90	505.20	FLT								Fault. Upper fracture not preserved. Fragmental interval with pieces of grit, and clay ☐ measuring 1.5 - 2cm wide along the interval.
505.20	507.60	SYM	MAS	2	FR	CHL	QV	12	1	Mafic Syenite. Similar to 504 - 504.9m. Blocky and fractured interval. Brecciated at☐ 505.8 - 506.2m with fe-carb cement. Q-veining at 507.1 - 507.4m (55 deg TCA) with☐ weak foliation of the host rock and ~ 1 - 2% py. The unit as a whole has ~ 1% py. ☐ Upper cnt not preserved.
507.60	509.90	DB	MAS						0	Diabase Dyke. Dark grey to black. Very f-grained, generally massive, brecciated at ☐ 507.6 - 508.2m. Calcite healed fractures common. Unaltered. Strongly mag; MagSus☐ equals 158.1 - 161.6. Contains some syenite xenoliths uphole. Trace py. Sharp upper ☐ cnt ~ 5 deg TCA on average.

509.90	512.60	SYM	MAS	2	FR	CHL			1		Mafic Syenite. Similar to 504 - 504.9m. Non-mod mag; MagSus = 5.1 - 53.2. ~ 1% py present. Blocky and fractured. Broken up at 511.9m, 512.1m and at lower cnt. Sharp undulating upper cnt ~ 14 deg TCA.
512.60	513.60	MI	MAS	1	P	CHL	HEM		0		Mafic Intrusive. Medium greyish-green; m-grained; massive; non-mag; MagSus = 2.0 - 2.8; weak pervasive chloritic alt; minor weak spotty hematitic alt. Trace py. Minor fault at 512.7 - 512.8m (57 deg TCA upper fracture) with clay-grit. Broken up at 513m. Upper cnt not preserved.
513.60	517.60	SYM	MAS	1	PA	HEM			0		Mafic Syenite. Greyish-brown; m- to c-grained; massive; local concentration of magnetite crystals render some horizons strongly mag; mag is low to high; MagSus equals 3.4 - 173.4. Weak to moderate patchy hematitic alt. Trace py.67 deg TCA sharp upper cnt. 516m - 517.6m is medium grey, f- to m-grained with a mod perv calcitic alt. This section and alteration could be due to contact phenomenon downhole. Diabase dyke Diabase dyke (5 - 7.5cm wide, 35 deg TCA) at 517m.
517.60	518.00	DB	MAS						0		Diabase. Dark grey to black. Very f-grained; massive. Mod to strong mag; MagSus equals 42.1 - 98.5. Unaltered. Trace py. Chilled upper and lower cnts. Sharp upper cnt 35 deg TCA. Blocky and broken up interval.
518.00	522.40	SYM	MAS	2	FR	CHL	ANK	QCV	2	0	Mafic Syenite. Medium greyish/greenish-brown; m- to c grained; non to weak mag; MagSus = 0.9 - 19.1; mod to strong mainly fracture-controlled chloritic alt; minor weak carb alt. Trace py. Faults at 519.7m (8 deg TCA fracture with up to 1cm wide clay-grit) and at 522m (upper cnt not preserved; 27 deg TCA lower fracture with ~ 2cm wide clay-grit). A blocky interval.

522.40	525.90	DB	MAS	2	P	CC			CCV	3	0	Diabase. Dark grey to black; very f-grained; massive; mod to strong mag; MagSus = ☐ 66.3 - 111.1. Mod to strong pervasive calcitic alt. Trace py. Calcite stringer network☐ common. Bleached lower cnt. Upper cnt marked by Q-carb vein 33 deg TCA.
525.90	538.40	II	MAS	4	P	CHL	SER	ANK	QCV	2	0	Altered Intermediate Intrusive? Medium green; c-grained; massive with local ☐ foliations; non-mag; MagSus = 1.4 - 8.6. Dominant intense pervasive chloritic alt;☐ minor mod-strong hairline and patchy sericitic alt; minor mod perv carb alt; rare☐ weak green carb alt. Trace to local 2% py. ~ 2% Q-carb veining. Sharp upper cnt 15☐ deg TCA. A few magnetite crystals and black subangular crystals occur.
538.40	542.90	SYN	MAS	1	FR	CHL	SER	ANK	QV	2	1	Syenite. Greenish-pink; c-grained; massive; non-mag; MagSus = 0.8 - 2.9. Weak ☐ fracture-controlled and patchy chlorite alt; mod to local strong sericitic and carb alt.☐ Local weak spotty fuchsite alt. Trace to local 3% py (542.4 - 542.8m). Grad upper cnt.
542.90	563.60	SYN	MAS	1	P	ANK	SER	FU	QV	15	1	Syenite. Pink to buff-pink; c-grained; massive; non-mag; MagSus = 0.3 - 2.9. weak to ☐ strong localized pervasive fe-carb and fuchsite alt; localized sericitic alt. Trace to ☐ local 2% py. 15 - 20% Q-Veining in this interval. Grad upper cnt. ☐ A few hematite stringers present. Significant Q-veining begins from 554.4m to 556.9m☐ (554.4 - 555m is entirely Q-vein; 555 - 556.9m is QV sharing half the length of core with☐ syenite. Trace to local 1% py in vein). Solution cavities at 557.4 - 557.8m. Minor fault☐ at 562m (63 deg TCA upper and lower fractures with ~ 1cm wide clay-grit.
563.60	564.10	MVX	BX	2	P	ANK			QV	2	1	Mafic Flow Breccia; basalt. medium buff-green; f-grained; brecciated. MagSus = 0.5☐ to 0.7. mod to strong perv carbonate alt. 1% disseminated py. Sharp upper cnt 65 deg☐ TCA.

564.10	564.50	SYN	MAS	1	P	ANK	SER	FU	QV	1	0	Syenite. Similar to 542.9 - 563.6m. Trace py. Sharp upper cnt 72 deg TCA on average.
564.50	579.10	MVX	BX	2	P	ANK			QV	5	2	Mafic Flow Breccia. Basalt. Similar to 563.6 - 564.1m. Non-mag; MagSus = 0.6 - 1.4. ☐ 1% to local 10% py mineralization. ~ 5% smoky Q-veins. Sharp and undulating upper☐ cnt 14 deg TCA on average. ☐ Blocky and broken up at 565.4 - 567.9m with calcite cement and solution cavities. 5%☐ py at 568.5 - 569.4m. Occasional 10 - 15% py mainly associated with smoky Q-veins☐ and flooding between 574.5m and 579.1m
579.10	580.00	QV									1	Quartz Vein. White, c-grained. Carbonate fracture filling. ~ 1% py present. Sharp☐ upper cnt 46 deg TCA.
580.00	593.60	MVX	BX	3	P	ANK			QV	5	2	Mafic Flow Breccia. Basalt. Similar to 563.6 - 564.1m and 564.5 - 579.1m. Mod - strong☐ pervasive carb and fe-carb alt. fuchsite alt is rare. 1% to local 10% py. Sharp upper cnt ☐ 46 deg TCA. 5 - 10% py at 580m to 581m; with 15cm wide syenite dyke at 580.2m
593.60	595.50	DR	FOL	3	S	CHL	HEM		QCV	1	0	Diorite ? Buff-green; f- to c-grained; slightly foliated 35 - 40 deg TCA. Non-mag; ☐ MagSus = 0.9. ~ 75% lath-shaped euhedral minerals (~1mm x 2 - 3mm; plagioclase?) ☐ giving a remarkable texture. Strong pervasive chloritic alt; minor weak spotty ☐ hematitic alt. Trace py. ~ 1% Q-carb veins present. Sharp upper cnt 33 deg TCA.
595.50	597.60	SYN	FOL	3	P	CHL	SER		QV	5	0	Altered Syenite. Buff-green but unaltered areas expose pink colour; c-grained;☐ foliated 35 deg TCA but with semi-massive sections. Non-mag; MagSus = 0.4 - 0.5. ☐ Strong pervasive and foliation controlled chloritic alt; minor moderate hairline ☐ sericitic and patchy/pervasive chloritic; local weak spotty fuchsite alt. Trace to local☐ 1% py. Upper cnt not preserved.

597.60	603.30	SYN	MAS	2	P	HEM			QV	5	1	Syenite. Reddish-pink; c-grained; massive; non-mag; MagSus = 0.1. mod fracture-☐ controlled hematitic alt. 1 - 3% local py. ~5% Q-veining. Grad upper cnt.
603.30	603.40	FLT										Fault. 49 deg TCA upper fracture with 3cm wide clay-grit, followed by 2cm breccia☐ and 1cm wide clay at lower fracture 53 deg TCA.
603.40	611.20	SYN	MAS	2	S	ANK	CHL		QV	2	0	Syenite. Pinkish-brown; c-grained; massive; non-mag; MagSus = 0.4 - 1.2. Weak to☐ mod spotty carb alt; minor weak patchy and fracture controlled chloritic alt. The ☐ latter alt type increases gradually downhole with rare weak spotty fuchsite alt as☐ well. Trace to local 3% py. Upper fracture to fault 53 deg TCA.☐ 609.6m - 609.9m is broken up. ~ 2% py from 609.9 - 611.2m, with possible fault at ☐ 610.8 - 610.9m, 65 deg TCA upper fracture with ~1mm clay and a fragmented interval.
611.20	618.70	MVT	MAS	3	P	ANK	FU	SER	QV	2	0	Mafic Tuff? Medium green; f- to c-grained; semi-massive; non-mag; MagSus = 0.4 - 0.5.☐ Strong pervasive carbonate, fuchsite and hairline sericitic alt. Trace to local 2% py.☐ Sharp upper cnt 52 deg TCA. 20cm wide syenite dyke at 613.8 - 614m (24 deg TCA☐ sharp upper cnt). Between 614m & 618.7m, foliation runs almost parallel to core axis. ☐ 0 to 5 deg TCA fracture from 617.3 - 618.5m. The unit contains a few tiny black crystals ☐ and presumable felsic fragments.
618.70	623.90	SYN	MAS	1	PA	ANK			QV	5	2	Syenite. Pink; c-grained; massive; non-mag; MagSus = 0.4 - 4.0. Weak patchy carb alt.☐ ~ 5% Q-veining. 1% to local 5% py. 43 deg TCA sharp upper cnt.
623.90	631.60	SYN	MAS	1	PA	ANK			QV	1	0	Syenite. Similar to 618.7 - 623.9m. ~ 1% Q-veining. Trace py. Grad upper cnt

631.60	637.20	SYN	MAS	1	PA	ANK	FU		QV	1	0		Syenite. Similar to 618.7 - 623.9m. ~ 2% Q-veining. Carb alt occurs as bands 5 - 12cm☐ wide with weak spotty fuchsite. Trace py but up to ~ 3% py associated with the carb☐ alteration bands. Grad upper cnt.
637.20	645.50	SYN	MAS	1	S	CHL			QV	5	0		Syenite. Pinkish-brown; c-grained; massive, non-mag to very weakly mag; 0.8 - 7.9. ☐ Weak spotty chloritic alt. Q-veining increases slightly to ~ 3 - 5%. Py mineralization☐ is uneven, trace to local 3% py. Hematite stringers present; tourmaline present in☐ some Q-veins (639.5m, Q-fe carb vein, 4cm wide, 59 deg TCA). Grad upper cnt.
645.50	653.00	SYN	MAS	1	S	CHL	ANK	FU	QV	2	0		Syenite. Greenish-brown; c-grained; massive; non-mag; MagSus = 1.1 -3.8. Weak to ☐ moderate spotty chloritic alt; weak to local mod patchy to pervasive carb and spotty ☐ green carb alt. Trace to local 3% py mainly associated with more carb altered domains. ☐ Grad upper cnt.
653.00	656.00	SYN	MAS	2	S	CHL	ANK	FU	QV	5	4		Syenite. Buff greenish-brown. Similar to 646.5 - 657.6m but with increased alteration☐ intensity. Mod to strong spotty chloritic alt which tends to pervasive downhole; mod☐ to strong pervasive carb and spotty green carb alt. Non mag; MagSus = 0.3 - 0.7. ☐ 4% - local 5% disseminated py mineralization. ~ 5% Q-veining. Grad upper cnt.
656.00	657.60	SYN	BX	3	S	CHL	ANK	FU	QV	5	5		Syenite breccia. Other properties similar to 653 - 656m. Broken up at 656.1 - 656.2m☐ and at 656.8 - 657m. Grad upper cnt.
657.60	659.00	SYN	FOL	3	P	ANK	SER	FU	QV	5	3	Cp 0	Syenite. Greenish-brown to pink; c-grained; slightly foliated (~ 30 deg TCA); locally☐ massive; non-mag; MagSus = 0.3 - 0.4. Strong pervasive carb alt; mod hairline sericitic☐ alt; weak to mod spotty fuchsite alt; mod K-feldspar alt. ~ 5% Q-veining. ~ 3% py; 1% ☐ local chalcopy in Q-hematite vein (1-2cm wide; 17 deg TCA) at 658.3m. Grad upper cnt.

659.00	662.00	SYN	FOL	2	P	ANK	SER	FU	QCV	5	4	Cp 0	Syenite. Greenish-brown; c-grained; slightly foliated (~ 30 deg TCA) with local ☐ brecciation; non-mag; MagSus = 0.4 - 0.5. Mod perv carb, sericitic, chlorite and spotty ☐ fuchsite alt. 3 -5% py. Fractured and broken up at 659.3 - 660m. Breccia fragments(?) ☐ and Q-fe carb flooding between 660m & 662m with 1% local chalcopy in Q-flooding ☐ at 661.3m. Grad upper cnt.
662.00	668.90	SYN	MAS	1	S	ANK	CHL				0		Syenite. Greyish-brown; c-grained; massive; non-mag; MagSus = 3.1 - 4.8. Weak☐ spotty carbonate and chloritic alt. Rare fuchsite. Trace py. Grad upper cnt. Broken up☐ at 667.8m to 668.3m. Less than 1% Q-veining (5mm width max).
668.90	669.20	SYN	MAS	3	P	ANK	FU				0		Syenite. Buff-coloured with a greenish cast. C-grained; massive; non-mag; MagSus = ☐ 0.5. Strong pervasive fe-carb alt, mod spotty green carb alt. Trace py. Solution☐ cavities present. Grad upper cnt.
669.20	681.10	SYN	MAS	1	S	ANK					0		Syenite. Pinkish-brown; c-grained; massive; non-mag; MagSus = 1.4 - 3.7. Weak☐ spotty carbonate and mod local patchy green carb alt. Trace to local 1% py. ☐ Grad upper cnt. The unit is quite blocky, and broken up at 670.8 - 671.3m; 675.5 - ☐ 675.8m.
681.10	700.20	SYN	MAS	1	S	ANK			QV	1	0		Syenite. Quite similar to 669.2 - 681.1m but not blocky. Trace to local 2% py. Only ~ ☐ 1% Q-veining. Grad upper cnt.

700.20	721.70	SYN	MAS	3	P	ANK	QV	3	3	Syenite. Pale to buff-brown; c-grained; massive; non-mag; MagSus = 0.0 - 0.1. ☐ Dominant strong pervasive fe-carb alt; local weak to mod fuchsite alt. 1 - 4% py☐ occurring as disseminations and blebs. ~ 3 - 4% Q-veining. Grad upper cnt. ☐ 5 - 6cm wide Q-vein (78 deg TCA) with ~ 2% py at 700.4m. Broken up at 706.7 - 707m;☐ 708.5 - 708.8m; 712.2 - 712.5m with solution cavities; 713.6 - 713.8m; & at 715.9 -☐ 716.6m
721.70	735.40	SYN	MAS	2	P	ANK	QV	1	1	Syenite. Similar to 700.2 - 721.7m but less altered; less Q-veining; and with trace to☐ local 3% py. Grad upper cnt. Q-veinset at 727.5 - 727.8m (70 - 72 deg TCA). 3 - 5mm ☐ wide smoky Q-vein (15 deg TCA) with ~ 2% py.
735.40	737.20	SYN	MAS	1	PA	CHL			0	Syenite. Reddish-brown; c-grained; massive; non-mag; MagSus = 0.1. Weak patchy ☐ chloritic alt. Trace py. < 1% Q-veining. Grad upper cnt.
737.20	737.60	MI	MAS	2	P	CHL			0	Mafic Intrusive. Medium green; f- to c-grained; massive; non-mag; MagSus = 0.5 - 0.6.☐ moderate pervasive chloritic alt. Trace py. Sharp upper cnt 54 deg TCA.
737.60	738.70	SYN	BX	3	P	ANK			0	Syenite breccia. Orange-brown; c-grained; semi-massive to brecciated. Non-mag;☐ MagSus = 0.1 - 0.3. Colour of the rock could be due to strong fe carbonate alteration ☐ or laterization leading to a bauxitic appearance. Trace to local 1% py mineralization. ☐ Sharp upper cnt 35 deg TCA.
738.70	739.90	MI	MAS	2	P	CHL			0	Mafic Intrusive. Similar to 737.2 - 737.6m. Brecciate uphole (738.7 - 738.8m). Trace py. ☐ Sharp upper cnt 65 deg TCA.
739.90	740.90	SYN	BX	3	P	ANK	QV	2	0	Syenite breccia. Similar to 737.6 - 738.7m. Sharp upper cnt 64 deg TCA.
740.90	741.20	MI	MAS	2	P	CHL			0	Mafic Intrusive. Similar to 737.2 - 737.6m. 70 deg TCA sharp upper cnt.
741.20	745.70	SYN	BX	3	P	ANK	QV	1	0	Syenite breccia. Similar to 737.6 - 738.7m. Sharp upper cnt 70 deg TCA.

745.70	747.20	MI	MAS	2	P	CHL			0		Mafic Intrusive. Similar to 737.2 - 737.6m. 71 deg TCA sharp upper cnt.
747.20	767.40	SYN	MAS	2	P	ANK		QV	4	1	Syenite. Similar to 700.2 - 721.7m. Pale to buff brown. Non-mag; MagSus is ☐ consistently 0.1. Mod-strong pervasive fe carb alt. ~ 1% py overall; up to ~ 4% py ☐ locally. 4 - 5% Q-veining. Sharp upper cnt 65 deg TCA. ☐ The entire unit is blocky; with broken up intervals at 748.2 - 748.4m; 749m. Q-flooding☐ at 750.1 - 750.6m with a lime-green appearance. Q-vein (8 - 10cm wide, 44 deg TCA) ☐ with ~ 4% local py at 753.7m. Q-veinset at 754 - 754.4m (2mm - 5cm wide, ~ 70 deg ☐ TCA) with ~ 2% py in the wider veins. Lime-green Q-flooding with 4-5% py at 754.4m☐ to 754.5m. Broken up at 755.3 - 755.6m with Q-fragments, and also at 758.1 - 758.6m☐ ~ 20cm core lost between 758m & 759m. 759 - 765m contains occasional broken up☐ sections. 765 - 767m is more competent.
767.40	769.30	SYN	BX	1	FR	CHL		QV	1	0	Syenite breccia. Pinkish-brown; brecciated. Non-mag; MagSus = 0.1. Weak fracture-☐ controlled chloritic alt. Trace to local 1% disseminated py. 0 deg TCA fracture from☐ 767.4 - 767.6m. Grad upper cnt.
769.30	776.10	SYN	MAS	2	FR	ANK	CHL	QV	3	0	Syenite. Similar to 700.2 - 721.7m but less altered; non-mag; MagSus = 0.1 - 0.7. ~3%☐ Q-veining. Trace to local 1% py. There is as well weak fracture-controlled chloritic ☐ alt. Q-veinset at 769.8 - 770m (2mm - 2cm wide, ~ 38 deg TCA) with trace marginal py.☐ Grad upper cnt.
776.10	780.30	MI	MAS	2	P	CHL			0		Mafic Intrusive (Mafic Volcanic?). Medium greyish-green; f- to medium-grained;☐ massive; non-mag; MagSus = 0.5 - 0.7. Moderate pervasive chloritic alt; minor local☐ weak fuchsite alt. Trace py. Q-carbonate stringers present. Sharp upper cnt 42 deg ☐ TCA. 20cm wide syenite intrusive (42 deg and 35 deg TCA sharp upper & lower cnts)☐ at 778 - 778.2m.

780.30	789.50	SYN	MAS	2	FR	ANK	CHL	QV	3	2

Syenite. Similar to 700.2 - 721.7 but less altered. There is also local weak-mod☐
fracture-controlled chloritic alt between 780.3m & 783m. 1 to local 3% py. 28 deg TCA☐
sharp upper cnt. 3 - 4% Q-veining. Q-veinset at 787.6m - 788.5m (1mm - 1cm wide,☐
65 - 70 deg TCA) with trace py.
789.5 m: Hole discontinued.☐
REASON: Water gushing out when rods are pulled. Danger of ice cracking due to ☐
combined weight of drill and rods.

Structure

35.50	F1	44	
37.60	FLT	60	
38.50	QCCV	146	
38.60	QCV	40	
41.00	F1	45	
51.40	FR	10	carb fracture fill
54.40	F1	65	
58.20	FR	32	
59.20	SL	28	narrow clay-slip
59.60	FR	26	
61.80	FR	27	
64.00	F1	35	
71.40	FLT	32	
72.40	CNT	43	
82.10	QCV	25	
82.30	CNT	38	
83.50	F1	30	
84.60	F1	35	
86.60	CNT	10	

87.50	CNT	30	
91.20	CNT	40	
96.00	F1	46	
100.10	CNT	30	
102.30	CNT	78	
104.80	CNT	80	
116.50	QCCV	25	Q-calcite vein
130.50	QCCV	37	Q-calcite vein with 2% py
135.70	FR	14	
158.40	CNT	67	
158.50	FLT	61	
160.00	F1	63	
161.60	FLT	63	
161.70	CNT	602	
174.10	FR	42	calcite fracture fill with ~ 5% chalcopy
179.00	QVs	40	with ~ 5% py
199.20	QCV	44	Q-Fe carb + calcite vein with 3% py
199.80	QCCV	58	with 1-2mm wide py seam
203.00	SH	55	
204.30	FLT	57	
204.40	CNT	56	marked by fracture
204.70	FR	10	
209.40	FR	40	
210.50	FR	151	
211.30	CNT	40	
211.80	FLT	53	
213.80	CNT	48	
214.70	CNT	55	

221.20	CNT	42	
222.80	CNT	53	
228.00	QCV	20	contains trace py
231.80	CNT	30	
233.10	CNT	33	
233.70	CNT	43	
237.80	CNT	32	
238.30	CNT	67	
241.00	FR	65	
248.40	FR	0	
253.30	CNT	42	
269.70	FR	0	
272.60	FR	40	
274.00	FR	8	
274.90	CNT	48	
290.30	CNT	51	
299.60	QCCV	35	
308.70	FLT	58	
309.30	FLT	53	
320.00	QCCV	54	Q-calcite vein with 1% py
326.00	FLT	63	
341.60	SL	56	narrow clay-slip
341.70	SL	56	narrow clay-slip
344.50	FOL	33	
345.20	CNT	10	
361.00	QCV	60	with 1% py
364.00	FLT	78	
378.60	QCCV	51	with 2 - 3% py

382.40	QCCV	75	with 2% py
383.20	QCV	65	with 2% py
385.90	QCV	55	with ~10% py
391.70	CCV	31	with 5% py
397.60	CCV	30	with 5% py
413.00	CNT	54	
413.80	CNT	55	
418.00	QCCV	45	with 3% py
419.90	FR	30	calcite fracture-fill
420.20	CNT	19	
420.70	FLT	78	
433.10	QCV	33	Q-Fe carb spec hem vein; ~1% chalcopy
433.60	FR	5	calcite-hematite fracture-fill
440.40	CCV	20	calcite-hematite vein with 2% chalcopy
440.80	FR	28	
447.90	FLT	58	
448.00	FLT	72	
448.20	QV	26	with 2% py
448.40	FR	40	
448.50	FR	5	
463.30	FLT	20	
465.60	FLT	3	
466.37	FR	7	
467.30	FR	50	
468.00	CNT	10	
471.60	CNT	38	
485.00	FR	25	
489.30	FR	65	

491.50	FLT	0	
491.90	FR	60	
498.80	SL	28	
500.20	SL	20	
501.50	FR	27	
502.80	CNT	25	
504.00	CNT	40	
506.60	FLT	46	
507.10	QV	55	with ~ 1 - 2% py
507.60	CNT	5	
509.90	CNT	14	
512.30	QV	40	with 2% py
513.60	CNT	67	
516.60	CNT	72	
517.60	CNT	35	
518.00	CNT	25	
519.20	QCV	33	with trace py
519.70	FLT	8	minor fault
522.00	FLT	27	minor fault
522.40	CNT	33	
525.90	CNT	15	
533.00	FR	22	with 2% py
539.00	FR	0	
554.40	QV	68	60cm wide, with trace py
555.00	QV	8	runs down CA with altered syenite; up to 1% py
558.30	FR	25	calcite-filled fracture with 1-2% py
562.00	FLT	63	minor fault with 1cm wide clay-grit
563.60	CNT	65	

564.10	CNT	72	sharp and undulating
564.50	CNT	14	
565.20	QV	35	~10cm wide, with trace py
577.00	QCV	153	up to 2.5cm wide, with 3-4% py
579.10	CNT	46	
580.00	CNT	46	
591.80	QV	24	up to 3cm wide, with ~3% py
592.90	SL	38	narrow mud-slip
593.60	CNT	33	
594.50	FOL	35	
599.90	QV	15	with 2% py
601.80	QV	38	with 1% py
603.30	FLT	49	
611.20	CNT	52	
615.50	F1	0	
617.70	FR	5	
618.70	CNT	43	
635.40	QV	18	
639.50	QCV	59	with tourmaline; 2% py
643.60	QV	20	with 1% marginal py
646.40	QV	46	~ 9cm wide, with trace py
646.50	SL	34	up to 5mm wide clay-slip
657.70	F1	35	
657.90	QV	20	~ 5cm wide, with ~5% py
658.30	QV	18	1-2cm wide, with 1% py
683.20	QV	5	2cm wide, with 1% py
688.40	FR	0	
694.30	QV	51	2cm wide with 2% py

700.40	QV5-6c	78	5-6cm wide, with ~2% py
700.70	SL	42	1-2cm wide clay-slip
700.80	QVs	43	with trace py
707.10	QV	35	with trace py
714.00	QV	50	with trace marginal py
727.60	QVs	71	
728.20	QV	15	smoky, 3-5mm side, with 2% py
737.20	CNT	54	
737.60	CNT	35	
738.70	CNT	65	
739.90	CNT	64	
740.90	CNT	70	
741.20	CNT	70	
745.70	CNT	71	
747.20	CNT	65	
753.70	QV	44	8 - 1-cm wide, with ~4% py
754.20	QVs	70	2mm - 5cm wide, with 2%
764.40	FR	0	
769.90	QVs	35	with trace marginal py
776.10	CNT	42	
778.00	CNT	42	
778.20	CNT	35	
780.30	CNT	28	
785.20	QVs	39	with ~3% marginal py
788.10	QVs	68	with trace py

Hole ID	From	To	Width	py %	Sample	Comment	SAMPLE	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr	Th	Ti	Tl	U	V	W	Zn
							DESCRIPTION	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
KK1121	69.5	70.5	1	1	J444734		J444734	<0.005	<1	2.91	<50	<50	<10	<20	11.05	<10	70	1520	100	5.59	<50	0.4	<50	6.36	1870	<10	0.33	710	100	<20	0.3	<50	20	90	<50	0.14	<50	<50	140	<50	70
KK1121	70.5	71.3	0.8	2	J444735		J444735	<0.005	<1	3.95	<50	<50	<10	<20	7.77	<10	80	1000	80	6.81	<50	0.4	<50	8	2020	<10	0.28	610	120	<20	0.3	<50	20	80	<50	0.16	<50	<50	150	<50	80
KK1121	74.2	74.7	0.5	2	J444736		J444736	<0.005	<1	4.98	<50	100	<10	<20	5.99	<10	40	580	10	4.95	<50	0.2	70	6.47	1290	<10	2.04	320	2600	<20	0.8	<50	10	270	<50	0.25	<50	<50	100	<50	70
KK1121	75.4	76.7	1.3	1	J444737		J444737	<0.005	<1	5.33	<50	380	<10	<20	6.1	<10	40	440	20	5.48	<50	0.3	100	6.19	1420	<10	2.11	190	2150	<20	0.7	<50	20	270	<50	0.33	<50	<50	130	<50	70
KK1121					J444738	Duplicate of J4447	J444738	<0.005	<1	5.47	<50	470	<10	<20	6.04	<10	40	440	20	5.53	<50	0.2	100	6.13	1430	<10	2.21	180	2180	<20	0.7	<50	20	270	<50	0.33	<50	<50	130	<50	70
KK1121	130.5	130.6	0.1	2	J444739		J444739	0.011	2	3.26	<50	<50	<10	<20	8.89	<10	30	40	140	5.92	<50	0.4	<50	1.34	1480	<10	1.13	60	200	<20	1.1	<50	20	100	<50	0.29	<50	<50	150	<50	40
KK1121	131.1	132	0.9	1	J444740		J444740	0.009	<1	6.45	<50	<50	<10	<20	7.19	<10	40	80	90	9.36	<50	0.2	<50	2.13	1570	<10	2.95	80	400	<20	0.5	<50	40	90	<50	0.63	<50	<50	300	<50	80
KK1121	157.9	158.4	0.5	2	J444741		J444741	<0.005	<1	6.16	<50	<50	<10	<20	4.45	<10	40	90	110	9.87	<50	0.2	<50	3.76	880	<10	2.36	80	380	<20	0.5	<50	30	90	<50	0.49	<50	<50	300	<50	100
KK1121					J444742	Blank	J444742	<0.005	1	0.13	<50	<50	<10	<20	35.4	<10	<10	10	<10	0.2	<50	<0.1	<50	1.8	130	<10	0.05	<10	80	<20	<0.1	<50	<10	80	<50	<0.05	<50	<50	<10	<50	<20
KK1121	158.4	158.9	0.5	1	J444743		J444743	0.01	<1	3.34	<50	60	<10	<20	8.81	<10	50	1030	50	6.55	<50	0.1	<50	8.61	2500	<10	0.07	580	120	<20	0.6	<50	20	90	<50	0.17	<50	<50	130	<50	80
KK1121	178.9	179.2	0.3	4	J444744		J444744	0.027	1	5.51	<50	280	<10	<20	5.23	<10	30	80	60	7.18	<50	1.5	<50	3.17	1700	<10	0.52	60	360	<20	1.2	<50	30	80	<50	0.5	<50	<50	260	<50	50
KK1121	199	200	1	4	J444745		J444745	0.154	<1	5.43	<50	60	<10	<20	9.84	<10	40	70	100	8.69	<50	0.6	<50	2.74	1800	<10	1.17	60	320	<20	1.1	<50	30	140	<50	0.5	<50	<50	250	<50	70
KK1121	200	200.8	0.8	0.1	J444746		J444746	<0.005	<1	5.36	<50	100	<10	<20	6.65	<10	40	80	90	8.98	<50	0.7	<50	2.84	1390	<10	0.87	70	360	<20	0.2	<50	30	120	<50	0.54	<50	<50	290	<50	90
KK1121	200.8	201.6	0.8	2	J444747		J444747	<0.005	<1	5.97	<50	70	<10	<20	4.35	<10	40	140	70	10.15	<50	0.5	<50	3.95	1490	<10	1.16	110	450	<20	<0.1	<50	30	80	<50	0.42	<50	<50	270	<50	90
KK1121	201.6	203	1.4	0.1	J444748		J444748	0.011	<1	6.06	<50	220	<10	<20	5.33	<10	40	80	40	8.8	<50	1.5	<50	3.2	2010	<10	0.45	60	360	<20	0.4	<50	30	90	<50	0.5	<50	<50	280	<50	50
KK1121	203	204.3	1.3	0.1	J444749		J444749	<0.005	<1	5.4	<50	200	<10	<20	5.7	<10	30	90	20	7.4	<50	1.5	<50	3.06	1900	<10	0.46	70	490	<20	0.1	<50	30	110	<50	0.47	<50	<50	250	<50	40
KK1121	290.3	291.8	1.5	0.1	J444750		J444750	<0.005	<1	6.26	<50	90	<10	<20	6.15	<10	40	90	100	9.65	<50	0.3	<50	2.81	1360	<10	2.51	70	380	<20	0.2	<50	40	100	<50	0.67	<50	<50	300	<50	80
KK1121	291.8	293	1.2	1	J444751		J444751	<0.005	<1	6.03	<50	<50	<10	<20	6.64	<10	40	100	120	9.37	<50	0.2	<50	2.98	1440	<10	2.08	80	400	<20	0.2	<50	30	100	<50	0.64	<50	<50	290	<50	90
KK1121					J444752	Standard SG40	J444752	0.965	<1	4.87	<50	150	<10	<20	1.69	<10	20	60	20	5.31	<50	2.7	<50	1.31	510	<10	3.36	60	890	70	2.9	<50	<10	250	<50	0.46	<50	<50	60	<50	50
KK1121	293	294	1	1	J444753		J444753	<0.005	<1	5.81	<50	50	<10	<20	6.98	<10	40	80	60	8.35	<50	0.2	<50	3.47	1540	<10	1.83	70	370	<20	0.4	<50	30	100	<50	0.61	<50	<50	270	<50	100
KK1121	294	295.5	1.5	0.1	J444754		J444754	<0.005	<1	5.62	<50	100	<10	<20	5.62	<10	30	430	30	5.5	<50	0.2	<50	3.73	1290	<10	2.31	220	710	<20	<0.1	<50	10	210	<50	0.33	<50	<50	120	<50	100
KK1121	295.5	297	1.5	0.1	J444755		J444755	<0.005	<1	5.81	<50	80	<10	<20	6.02	<10	30	490	<10	5.55	<50	0.1	<50	4.64	1430	<10	1.66	280	680	<20	<0.1	<50	20	210	<50	0.33	<50	<50	120	<50	120
KK1121	297	298.2	1.2	1	J444756		J444756	<0.005	<1	7.81	<50	130	<10	<20	6.96	<10	50	400	150	8.34	<50	0.2	<50	4.73	1640	<10	3.3	230	860	<20	0.2	<50	20	270	<50	0.61	<50	<50	250	<50	130
KK1121	298.2	299	0.8	3	J444757		J444757	0.005	<1	4.34	<50	<50	<10	<20	5.93	<10	50	100	210	9.06	<50	0.1	<50	2.59	1350	<10	2.34	80	460	<20	1.8	<50	20	130	<50	0.64	<50	<50	270	<50	100
KK1121	299	300.1	1.1	1	J444758		J444758	0.01	<1	5.48	<50	50	<10	<20	6.57	<10	40	80	80	9.05	<50	0.3	<50	2.78	1370	<10	1.49	60	340	<20	0.4	<50	30	120	<50	0.56	<50	<50	270	<50	100
KK1121	328.8	329.9	1.1	0.1	J444759		J444759	<0.005	<1	5.95	50	140	<10	<20	4.64	<10	40	80	90	9.73	<50	0.8	<50	2.72	2150	<10	1.44	70	390	<20	0.3	<50	30	60	<50	0.45	<50	<50	290	<50	70
KK1121	329.9	331.4	1.5	1	J444760		J444760	<0.005	1	6.6	60	290	<10	<20	5.78	<10	40	80	100	8.73	<50	1.5	<50	2.31	1990	<10	0.22	70	380	<20	0.2	<50	40	70	<50	0.59	<50	<50	290	<50	60
KK1121	331.4	332.2	0.8	0.1	J444761		J444761	<0.005	<1	6.44	<50	240	<10	<20	6.53	<10	40	70	80	9.16	<50	1.5	<50	2.23	2000	<10	0.27	70	360	<20	0.2	<50	40	90	<50	0.59	<50	<50	290	<50	60
KK1121	332.2	332.8	0.6	2	J444762		J444762	0.007	<1	5.85	<50	260	<10	<20	7.16	<10	40	60	90	8.29	<50	2	<50	2.56	2110	<10	0.39	70	330	60	0.9	<50	40	150	<50	0.56	<50	<50	270	<50	60
KK1121	336.8	337.8	1	0.1	J444763		J444763	<0.005	<1	5.82	<50	280	<10	<20	7.73	<10	40	70	70	7.01	<50	2.4	<50	2.73	1880	<10	0.2	50	350	50	0.2	<50	30	130	<50	0.56	<50	<50	250	<50	50
KK1121	337.8	338.2	0.4	2	J444764		J444764	<0.005	<1	6.12	<50	300	<10	<20	6.43	<10	50	70	80	7.33	<50	2.6	<50	2.54	1670	<10	0.13	60	390	30	0.6	<50	40	110	<50	0.55	<50	<50	270	<50	50
KK1121	338.2	339.5	1.3	0.1	J444765		J444765	<0.005	1	6.14	<50	220	<10	<20	5.78	<10	30	70	60	8.85	<50	1.9	<50	2.99	1670	<10	0.25	70	330	20	0.2	<50	40	110	<50	0.56	<50	<50	270	<50	70
KK1121	339.5	340.6	1.1	7	J444766		J444766	0.008	1	5.5	<50	270	<10	<20	6.23	<10	40	60	40	8.51	<50	2.3	<50	2.83	1810	<10	0.27	60	260	<20	2.2	<50	30	170	<50	0.54	<50	<50	270	<50	60
KK1121					J444767	Blank	J444767	<0.005	1	0.09	<50	<50	<10	<20	33.4	<10	<10	<10	<10	0.13	<50	<0.1	<50	1.11	120	<10	<0.05	<10	60	<20	<0.1	<50	<10	70	<50	<0.05	<50	<50	<10	<50	<20
KK1121	340.6	341.6	1	10	J444768		J444768	0.012	1	6.22	50	300	<10	<20	6.77	<10	40	60	80	8.66	<50	2.1	<50	2.75	1690	<10	0.2	70	220	20	3.1	<50	40	140	<50	0.57	<50	<50	280	<50	60
KK1121	341.6	342.8	1.2	1	J444769	20cm core lost	J444769	0.009	1	6.65	<50	170	<10	<20	5.84	<10	30	100	100	7.79	<50	1.2	<50	3.53	1890	<10	1.53	90	380	<20	0.5	<50	30	130	<50	0.57	<50	<50	250	<50	60
KK1121					J444770	Duplicate of J4447	J444770	0.011	1	6.52	<50	160	<10	<20	5.95	<10	30	110	80	7.71	<50	1	<50	3.56	1940	<10	1.46	90	430	<20	0.5	<50	30	120	<50	0.55	<50	<50	240	<50	50
KK1121	362.7	363.7	1	0.1	J445015		J445015	0.008	<1	5.5	<50	60	<10	<20	6.35	<10	50	80	170	7.69	<50	0.7	<50	3.42	1210	<10	1.34	40	380	<20	0.25	<50	30	100	<50	0.44	<50	<50	250	<50	50
KK1121	363.7	364	0.3	2	J444771		J444771	0.155	1	3.87	50	100	<10	<20	6.52	<10	30	70	2570	5.1	<50	0.9	<50	1.71	850	<10	<0.05	40	410	<20	0.5	<50	20	60	<50	0.29	<50	<50	150	<50	30
KK1121	364	365.1	1.1	0.1	J445016		J445016	0.007	<1	5.05	<50	210	<10	<20	6.33	<10	30	300	20	6.22	<50	2	<50	2.2	990	<10	0.55	60	1450	<20	0.26	<50	20	160	<50	0.28	<50	<50	160	<50	40
KK1121	365.1	366.1	1	0.1	J445017		J445017	0.007	<1	6.11	<50	190	<10	<20	7.84	<10	40	140	40	7.62	<50	1.5	<50	2.56	1460	<10	0.12	70	860	<20	0.4	<50	30	150	<50	0.48	<50	<50	250	<50	60
KK1121					J445018	Standard SK52	J445018	4.09	<1	4.89	50	180	<10	<20	2.17	<10	20	60	50	5.76	<50	3	<50	1.39	480	<10	2.98	70	1020	70	3.34	<50	<10	330	<50	0.54	<50	<50	70	<50	80
KK1121	366.1	366.6	0.5	5	J444772		J444772	0.201	2	6.26	<50	160	<10	<20	6.36	<10	50	70	70	8.78	<50	1.2	<50	2.11	1130	<10	1.19	60	340	<20	1.8	<50	30	120	<50	0.63	<50	<50	270	<50	50
KK1121	366.6	367.6	1	0.1	J445019		J445019	0.035	<1	6.39	<50	190	<10	<20	6.96	<10	50	70	90	8.2	<50	1.4	<50	1.98	1470	<10	0.46	70	440	<20	0.47	<50	30	150	<50	0.65	<50	<50	320	<50	60
KK1121	383	384	1	1	J444773		J444773	0.02	1	6.97	60	90	<10	<20	6.12	<10	30	70	150	8.42	<50	0.6	<50	2.33	1450	<10	2.22	60	420	<20	0.6	<50	40	80	<50	0.68	<50	<50	290	<50	80
KK1121	384	384.8	0.8	25	J444774		J444774	0.217	3	3.42	<50	<50	<10	<20	3.64	<10	30	50	100	6.11	<50	0.2	<50	0.9	830	<10	3.99	40	170	<20	3.3	<50	10	90	<50	0.35	<50	<50	150	<50	40
KK1121	384.8	386.1	1.3	2	J444775		J444775	0.065	<1	7.07	<50	70	<10	<20	5.35	<10	40	80	150	8.85	<50	0.4	<50	2.27	1560	<10	2.43	60	400	<20	0.7	<50	40	90	<50	0.69	<50	<50	300	<50	90
KK1121	448	448.6	0.6	2	J444776		J444776	0.1	<1	6.11	50	60	<10	<20	3.75	<10	80	120	50	9.49	<50	1.2	<50	3.63	1540	10	1.68	90	700	40	1.55	<50	30	60	<50	0.58	<50	<50	270	<50	120
KK1121	507	507.5	0.5	2	J444777	90% Q-veining	J444777	0.209	<1	5.51	<50	510	<10	<20	2.04	<10	40	60	130	8.05	<50	2.5	<50	3.44	1410	<10	0.35	50	290	<20	0.97	<50	30	30	<50	0.53	<50	<50	250	<50	110
KK1121	511.6	512.6	1	1	J444778		J444778	0.017	<1	6.75	<50	740	<10	<20	1.64	<10	40	70	190	11.55	<50	4	<50	3.43	1370	<10	0.74	70	450	<20	0.85	<50	40	40	<50	0.68	<50	<50	300	<50	110
KK1121	526.6	527.4	0.8	2	J444779		J444779	0.016	<1	5.59	60	210	<10	<20	6.04	<10	40	100	210	9.19	<50	1.1	<50	3.45	880	<10	0.36	30	1480	<20	1.19	<50	30	430	<50	0.62	<50	<50	140	<50	180
KK1121	537	538.4	1.4	0.1	J444780		J444780	0.024	<1	4.22	<50	390	<10	<20	8.56	<10	60	260	350	7.44	<50	1.7	<50	4.96	1400	<10	0.09	100	1010	<20	0.19	<50	30	290	<50	0.45	<50	<50	290	<50	80
KK1121	538.4	539.4	1	1	J444781		J444781	0.024	<1	5	50	580	<10	<20	3.76	<10	20	40	20	3.86	<50	1.9	<50	1.78	850	<10	2.36	30	1370	<20	0.41	<50	10	250	<50	0.19	<50	<50	90	<50	60
KK1121	539.4	540.4	1	2	J444782		J444782	0.068	<1	6.12	100	690	<10	<20	5.14	<10	30	60	10	6.21	<50	2.4	<50	3.08	1090	<10	0.99	50	1200	<20	1.2	<50	20	260	<50	0.3	<50	<50	170	<50	80
KK1121	540.4	541.3	0.9	2	J444783		J444783	0.057	<1	6.53	80	700	<10	<20	5.4	<10	20	90	10	4.63	<50	2.5	<50	2.6	1130	<10	1.91	20	1660	<20	1.07	<50	10	360	<50	0.26	<50	<50	120	<50	50
KK1121	541.3	541.8	0.5	0.1	J444784		J444784	0.008	<1	4.39	<50	520	<10	<20	9.12	<10	20	400	160	5.31	<50	1.7	<50	4.82	1510	<10	0.08	100	1100	<20	0.06	<50	30	490	<50	0.31	<50	<50	160	<50	60
KK1121	541.8	542.9	1.1	2	J444785		J444785	0.075	<1	3.94	140	660	<10	<20	3.89	<10	10	70	20	3.48	<50	2.4	<50	1.5	920	<10	2	20	1080	<20	0.71	<50	<10	320	<50	0.21	<50	<50	100	<50	40
KK1121	542.9	544.4	1.5	1	J444786		J444786	0.036	<1	3.71	<50	830	<10	<20	2.78	<10	10	30	10	2.58	<50	2	<50	0.97	740	<10	3.34	10	920	<20	0.34	<50	<10	270	<50	0.15	<50	<50	70	<50	30
KK1121	544.4	545.9	1.5	1	J444787		J444787	0.014	<1	4.29	<50	790	<10	<20	4.03	<10	20	90	30	3.18	<50	2	<50	1.56	890	<10	2.71	10	1150	<20	0.27	<50	<10	350	<50	0.18	<50	<50	90	<50	30
KK1121	545.9	547.4	1.5	1	J444788		J444788	0.013	<1	6.2	<50	950	<10	<20	2.26	<10	10	10	<10	2.11	<50	1.9	<50	0.78	600	<10	3.41	<10	570	<20	0.21	<50	<10	380	<50	0.12	<50	<50	50	<50	20
KK1121	547.4	548.9	1.5	1	J444789		J444789	0.017	<1	3.36	<50	1030	<10	<20	3.34	<10	20	70	30	2.59	<50	1.7	<50	1.18	710	<10	3.19	10	920	<20	0.19	<50	<10	410	<50	0.15	<50	<50	80	<50	30
KK1121	548.9	550	1.1	2	J444790		J444790	0.018	<1	2.98	<50	590	<10	<20	3.71	<10	10	50	220	2.62	<50	2	<50	1.23	820	<10	2.12	10	790	<20	0.55	<50	<10	440	<50	0.14	<50	<50	70	<50	20
KK1121					J444791	Standard SK52	J444791	4.11	1	6.53	<50	180	<10	<20	2.44	<10	20	50	40	6.02	<50	3.5	<50	1.58	490	<10	3.08	60	1030	80	3.02	<50	<10	350	<50	0.56	<50	<50	70	<50	70
KK1121	550	551.5	1.5	1	J444792		J444792	0.016	<1	3.8	<50	620	<10	<20	2.42	<10	10	30	<10	1.9	<50	2.4	<50	0.86	540	<10	2.6	10	610	<20	0.32	<50	<10	270	<50	0.13	<50	<50	60	<50	20
KK1121	551.5	553	1.5	0.1	J444793		J444793	0.018	<1	4.03	<50	950	<10	<20	4.51	<10	10	110	<10	2.81	<50	2.4	<50	1.57	830	<10	2.03	20	1180	<20	0.35	<50	10	470	<50	0.18	<50	<50	90	<50	20
KK1121					J444794	Standard SG40	J444794	0.966	<1	7.43	<50	170	<10	<20	2.04	<10	20	50	20	5.51	<50	3.7	<50	1.54	520	<10	3.57	60	920	50	2.87	<50	<10	270	<50	0.47	<50	<50	60	<50	50
KK1121	553	554.4	1.4	0.1	J444795		J444795	0.016	<1	3.63	<50	870	<10	<20	2.54	<10	10	20	20	2	<50	1.9	<50	0.76	620	<10	3.36	10	600	<20	0.25	<50	<10	320	<50	0.12	<50	<50	50	<50	20
KK1121	554.4	555.6	1.2	1	J444796		J444796	0.015	<1	1.62	<50	990	<10	<20	1.96	<10	10	70	<10	1.5	<50	0.9	<50	0.78	390	<10	0.53	20	360	<20	0.14	<50	<10	190	<50	0.08	<50	<50	50	<50	<20
KK1121	555.6	556.9	1.3	1	J444797		J444797	0.033	<1	3.04	<50	730	<10	<20	3.13	<10	20	60	10	2.56	<50	1.4	<50	1.28	560	20	1.31	40	420	<20	0.33	<50	<10	270	<50	0.14	<50	<50	70	<50	20
KK1121	556.9	558.4	1.5	0.1	J444798		J444798	0.009	<1	3.93	<50	580	<10	<20	4.36	<10	20	60	20	3.1	<50	2.3	<50	1.61	750	<10	1.61	50	660	<20	0.1	<50	<10	270	<50	0.23	<50	<50	100	<50	30
KK1121	558.4	559.9	1.5	0.1	J444799		J444799	0.018	<1	2.69	<50	660	<10	<20	3.15	<10	10	30	10	2.47	<50	1.9	<50	1.02	630	<10	2.85	20	610	<20	0.11	<50	<10	290	<50	0.15	<50	<50	70	<50	20
KK1121	559.9	561.3	1.4	0.1	J444800		J444800	0.013	<1	5.03	<50	540	<10	<20	6.66	<10	20	150	10	4.28	<50	1.9	<50	2.62	1270	<10	1.38	40	1620	<20	0.19	<50	20	380	<50	0.22	<50	<50	130	<50	30
KK1121	561.3	562	0.7	0.1	J444801		J444801	0.011	<1	2.67	<50	550	<10	<20	2.98	<10	10	20	<10	2.32	<50	1.4	<50	0.89	720	<10	3.43	10	820	<20	0.23	<50	<10	310	<50	0.12	<50	<50	60	<50	<20
KK1121	562	562.8	0.8	2	J444802		J444802	0.026	<1	4.02	<50	420	<10	<20	3.67	<10	20	50	10	3.21	<50	1.9	<50	1.53	740	<10	1.87	30	620	<20	0.44	<50	<10	240	<50	0.11	<50	<50	60	<50	30
KK1121	562.8	563.6	0.8	1	J444803		J444803	0.012	<1	4.83	<50	390	<10	<20	5.62	<10	20	110	10	4.48	<50	1.9	<50	2.34	1010	<10	1.27	60	1190	<20	0.43	<50	10	300	<50	0.21	<50	<50	150	<50	40
KK1121	563.6	564.1	0.5	1	J444804		J444804	0.007	<1	6.49	<50	460	<10	<20	6.16	<10	40	60	60	6.33	<50	2.9	<50	2.58	1360	<10	0.11	40	430	<20	0.58	<50	40	220	<50	0.52	<50	<50	330	<50	50
KK1121	564.1	564.5	0.4	0.1	J444805		J444805	<0.005	<1	5.04	<50	350	<10	<20	4.39	<10	40	40	30	5.6	<50	2.4	<50	1.79	1020	<10	0.81	40	380	<20	0.41	<50	20	190	<50	0.33	<50	<50	190	<50	50
KK1121	564.5	566	1.5	1	J444806		J444806	0.005	<1	5.58	<50	310	<10	<20	5.94	<10	40	50	160	7.61	<50	2.2	<50	2.53	1340	<10	0.1	50	330	<20	0.87	<50	30	160	<50	0.44	<50	<50	250	<50	60

KK1121	566	567.5	1.5	2	J444807		J444807	0.011	<1	5.11	<50	320	<10	<20	7.2	<10	50	40	270	9.01	<50	1.8	<50	3.42	1510	<10	0.1	50	310	<20	2	<50	30	170	<50	0.43	<50	<50	240	<50	70
KK1121	567.5	568.5	1	3	J444808		J444808	0.007	<1	5.35	<50	280	<10	<20	6.55	<10	40	50	180	9.53	<50	1.8	<50	3.05	1860	<10	0.29	50	340	<20	1.15	<50	30	220	<50	0.42	<50	<50	240	<50	80
KK1121	568.5	569.4	0.9	5	J444809		J444809	0.014	<1	5.63	<50	320	<10	<20	6.41	<10	50	40	520	10.8	<50	1.8	<50	2.89	1830	<10	0.23	40	360	<20	2.38	<50	30	250	<50	0.42	<50	<50	260	<50	80
KK1121	569.4	570.9	1.5	1	J444810		J444810	<0.005	<1	5.87	<50	300	<10	<20	4.71	<10	40	50	80	8.36	<50	1.7	<50	2.63	1470	<10	0.71	50	320	<20	0.23	<50	30	190	<50	0.45	<50	<50	270	<50	80
KK1121	570.9	572.4	1.5	2	J444811		J444811	<0.005	1	5.76	<50	230	<10	<20	4.47	<10	40	50	150	8.97	<50	1.1	<50	2.69	1490	<10	1.09	50	370	<20	0.48	<50	30	220	<50	0.4	<50	<50	270	<50	100
KK1121					J444812	Blank	J444812	<0.005	1	0.15	<50	<50	<10	<20	36.1	<10	<10	<10	20	0.2	<50	<0.1	<50	1.97	140	<10	<0.05	<10	80	20	<0.05	<50	<10	70	<50	<0.05	<50	<50	10	<50	20
KK1121	572.4	573.5	1.1	2	J444813		J444813	<0.005	<1	6.34	<50	240	<10	<20	5.41	<10	40	50	130	8.97	<50	1.1	<50	2.79	2170	<10	1.93	60	400	<20	0.5	<50	40	250	<50	0.56	<50	<50	290	<50	90
KK1121	573.5	574.5	1	2	J444814		J444814	<0.005	<1	6.48	<50	280	<10	<20	5.14	<10	30	70	120	8.79	<50	1.3	<50	2.48	2030	<10	1.88	70	450	<20	0.37	<50	40	290	<50	0.56	<50	<50	290	<50	90
KK1121	574.5	575.5	1	12	J444815		J444815	0.007	<1	5.42	<50	210	<10	<20	3.97	<10	50	40	560	15	<50	1.1	<50	2.79	1830	<10	0.19	40	320	<20	2.59	<50	30	180	<50	0.4	<50	<50	250	<50	140
KK1121	575.5	575.8	0.3	10	J444816	70% Q-veining	J444816	0.052	<1	5.34	<50	120	<10	<20	5.43	<10	50	40	370	9.18	<50	0.6	<50	2.37	1720	20	2.57	40	1060	<20	2.41	<50	30	220	<50	0.38	<50	<50	220	<50	70
KK1121	575.8	576.9	1.1	0.1	J444817		J444817	<0.005	<1	5.7	<50	120	<10	<20	6.85	<10	40	220	<10	7.96	<50	0.8	80	4.42	1590	<10	1.45	160	1320	<20	<0.05	<50	30	290	<50	0.45	<50	<50	240	<50	110
KK1121					J444818	Standard SK52	J444818	4.06	<1	8.68	<50	190	<10	<20	2.69	<10	20	50	50	6.45	<50	2.7	<50	1.78	510	<10	3.2	90	1070	80	3.19	<50	10	390	<50	0.58	<50	<50	80	<50	80
KK1121	576.9	578	1.1	5	J444819		J444819	0.028	<1	5.85	<50	130	<10	<20	7.69	<10	50	190	10	8.64	<50	1	70	4.05	1760	<10	2.17	130	1560	<20	1.53	<50	30	380	<50	0.4	<50	<50	260	<50	100
KK1121	578	579.1	1.1	2	J444820		J444820	0.028	<1	6.62	<50	120	<10	<20	5.45	<10	50	60	50	9.09	<50	0.9	<50	3.44	1230	<10	2.17	70	320	<20	0.96	<50	40	250	<50	0.45	<50	<50	300	<50	110
KK1121	579.1	580	0.9	1	J444821		J444821	0.025	<1	0.42	<50	<50	<10	<20	1.85	<10	10	10	<10	1.27	<50	<0.1	<50	0.66	480	10	0.3	<10	480	<20	0.32	<50	<10	90	<50	<0.05	<50	<50	10	<50	<20
KK1121	580	581	1	8	J444822		J444822	0.043	<1	6.06	<50	110	<10	<20	5.58	<10	40	60	20	5.89	<50	0.7	<50	2.47	1260	<10	3.36	60	250	<20	1.11	<50	30	340	<50	0.41	<50	<50	250	<50	60
KK1121	581	582.5	1.5	2	J444823		J444823	0.005	<1	5.69	<50	190	<10	<20	5.59	<10	40	100	70	7.33	<50	1.4	<50	2.82	1210	<10	1.09	80	570	<20	0.21	<50	30	250	<50	0.47	<50	<50	270	<50	90
KK1121					J444824	Duplicate of J4448	J444824	0.006	<1	5.93	<50	190	<10	<20	5.68	<10	40	100	70	7.27	<50	1.3	<50	2.82	1190	<10	1.1	70	550	<20	0.2	<50	30	250	<50	0.5	<50	<50	270	<50	100
KK1121	582.5	584	1.5	2	J444825		J444825	0.008	1	6.17	<50	290	<10	<20	5.2	<10	50	60	140	8.13	<50	1.9	<50	2.7	1060	<10	0.42	70	390	<20	0.72	<50	40	210	<50	0.5	<50	<50	270	<50	90
KK1121	584	585.5	1.5	1	J444826		J444826	<0.005	1	6.45	<50	330	<10	<20	5.92	<10	40	50	60	7.9	<50	2.3	<50	2.94	1110	<10	0.34	60	420	<20	0.31	<50	40	230	<50	0.62	<50	<50	300	<50	80
KK1121	585.5	587	1.5	0.1	J444827		J444827	<0.005	<1	6.63	<50	400	<10	<20	6.4	<10	40	70	50	7.12	<50	2.8	<50	3.03	1060	<10	0.17	70	540	<20	0.38	<50	40	240	<50	0.63	<50	<50	310	<50	70
KK1121	587	588.5	1.5	0.1	J444828		J444828	<0.005	<1	5.82	<50	250	<10	<20	6.66	<10	40	130	20	8.4	<50	1.6	<50	3.7	1200	<10	0.63	100	750	<20	0.13	<50	30	290	<50	0.53	<50	<50	260	<50	110
KK1121	588.5	590	1.5	0.1	J444829		J444829	<0.005	<1	6.66	<50	300	<10	<20	5.69	<10	50	60	40	8.37	<50	2	<50	3.07	1110	<10	0.89	60	420	<20	0.33	<50	40	250	<50	0.61	<50	<50	320	<50	100
KK1121	590	591.5	1.5	1	J444830		J444830	<0.005	<1	6.25	<50	370	<10	<20	6.43	<10	40	60	20	7.56	<50	2.3	<50	3.11	1100	<10	0.57	50	410	<20	0.17	<50	40	280	<50	0.59	<50	<50	300	<50	80
KK1121	591.5	592.6	1.1	2	J444831		J444831	0.007	<1	6.26	<50	410	<10	<20	6.03	<10	40	60	<10	6.64	<50	2.5	<50	2.93	950	<10	0.69	40	410	<20	0.49	<50	40	270	<50	0.57	<50	<50	300	<50	60
KK1121	592.6	593.6	1	1	J444832		J444832	0.008	<1	5.47	<50	380	<10	<20	7.31	<10	30	130	30	4.61	<50	2.7	50	3.38	920	<10	0.31	80	990	<20	0.35	<50	30	300	<50	0.45	<50	<50	260	<50	50
KK1121	595.5	596.6	1.1	1	J444833		J444833	0.007	<1	6.78	<50	610	<10	<20	6.6	<10	30	150	50	5.89	<50	1.2	<50	3.59	1090	<10	1.4	50	2010	<20	0.5	<50	20	510	<50	0.35	<50	<50	160	<50	90
KK1121	596.6	597.7	1.1	0.1	J444834		J444834	<0.005	<1	5.24	<50	580	<10	<20	5.48	<10	20	110	80	4.89	<50	2.1	<50	2.76	960	<10	1.24	30	1840	<20	0.14	<50	10	430	<50	0.3	<50	<50	140	<50	90
KK1121	597.7	599.2	1.5	1	J444835		J444835	0.005	<1	3.61	<50	630	<10	<20	2.48	<10	20	20	<10	2.36	<50	1.7	<50	0.78	540	<10	3.54	10	740	<20	0.22	<50	<10	300	<50	0.13	<50	<50	60	<50	20
KK1121	599.2	600.5	1.3	2	J444836		J444836	0.01	<1	4.16	<50	590	<10	<20	2.56	<10	10	10	<10	2.22	<50	2.2	<50	0.92	500	<10	2.9	10	720	<20	0.55	<50	<10	260	<50	0.12	<50	<50	70	<50	20
KK1121	600.5	601.5	1	3	J444837		J444837	0.005	<1	3.11	<50	510	<10	<20	2.46	<10	10	10	<10	1.68	<50	2.1	<50	0.88	460	<10	3.16	<10	610	<20	0.19	<50	<10	270	<50	0.12	<50	<50	60	<50	<20
KK1121					J444838	Duplicate of J4448	J444838	0.005	<1	2.9	<50	490	<10	<20	2.41	<10	10	10	<10	1.64	<50	2	<50	0.82	450	<10	3.16	10	630	<20	0.19	<50	<10	260	<50	0.12	<50	<50	60	<50	<20
KK1121	601.5	602.5	1	2	J444839		J444839	0.005	<1	3.27	<50	350	<10	<20	2.59	<10	10	10	10	1.71	<50	1.5	<50	0.9	490	<10	3.82	10	610	<20	0.37	<50	<10	260	<50	0.09	<50	<50	40	<50	<20
KK1121	602.5	603.3	0.8	1	J444840		J444840	0.005	<1	4.16	<50	420	<10	<20	2.44	<10	10	10	10	1.69	<50	2.2	<50	0.92	450	<10	3.41	<10	690	<20	0.16	<50	<10	270	<50	0.12	<50	<50	60	<50	<20
KK1121	603.3	603.4	0.1	0.1	J444841	Fault	J444841	0.03	1	3.93	<50	350	<10	<20	9.11	<10	20	40	160	2.81	<50	0.8	50	1.43	1410	<10	0.31	30	310	<20	0.34	<50	<10	200	<50	0.1	<50	<50	60	<50	40
KK1121					J444842	Blank	J444842	<0.005	<1	0.1	<50	<50	<10	<20	35.1	<10	<10	<10	<10	0.16	<50	<0.1	<50	1.98	130	<10	<0.05	<10	60	<20	<0.05	<50	<10	70	<50	<0.05	<50	<50	<10	<50	<20
KK1121	603.4	604.9	1.5	0.1	J444843		J444843	0.006	<1	4.09	<50	610	<10	<20	3.01	<10	10	40	30	2.42	<50	1.3	<50	0.9	620	<10	3.1	20	760	<20	0.21	<50	<10	360	<50	0.15	<50	<50	70	<50	30
KK1121	604.9	606.4	1.5	0.1	J444844		J444844	0.007	<1	3.06	<50	590	<10	<20	2.93	<10	10	30	30	2.36	<50	1.9	<50	0.84	610	<10	3.08	10	780	<20	0.17	<50	<10	340	<50	0.15	<50	<50	70	<50	30
KK1121	606.4	607.9	1.5	0.1	J444845		J444845	<0.005	<1	2.96	<50	770	<10	<20	2.93	<10	10	20	20	2.4	<50	2.1	<50	0.84	650	<10	3.07	10	900	<20	0.11	<50	<10	400	<50	0.18	<50	<50	80	<50	30
KK1121	607.9	608.9	1	0.1	J444846		J444846	<0.005	<1	3.22	<50	920	<10	<20	2.74	<10	10	20	<10	2.23	<50	1.8	<50	0.9	580	<10	3.15	10	800	<20	0.07	<50	<10	410	<50	0.16	<50	<50	70	<50	30
KK1121	608.9	609.9	1	0.1	J444847		J444847	<0.005	2	2.94	<50	560	<10	<20	2.55	<10	10	30	70	2.01	<50	1.9	<50	0.88	570	<10	3.25	10	780	<20	0.12	<50	<10	350	<50	0.15	<50	<50	70	<50	30
KK1121	609.9	611.2	1.3	2	J444848		J444848	0.017	<1	5.04	<50	550	<10	<20	2.4	<10	20	30	<10	2.29	<50	2.1	<50	1.05	480	<10	3.02	30	830	<20	0.6	<50	<10	390	<50	0.15	<50	<50	80	<50	30
KK1121	611.2	612.7	1.5	0.1	J444849		J444849	0.006	<1	4.78	<50	1110	<10	<20	7.25	<10	30	640	30	4.72	<50	1.7	80	5.23	870	<10	0.32	330	2690	<20	0.26	<50	10	850	<50	0.21	<50	<50	110	<50	120
KK1121	612.7	614.2	1.5	1	J444850		J444850	0.014	2	5.24	<50	810	<10	<20	6.94	<10	30	520	20	3.97	<50	1.4	70	4.28	920	<10	1.19	260	2210	<20	0.24	<50	10	940	<50	0.18	<50	<50	100	<50	90
KK1121	614.2	615.7	1.5	1	J444851		J444851	0.018	<1	4.83	<50	620	<10	<20	7.52	<10	50	660	40	4.89	<50	2.3	80	4.47	1180	<10	0.14	300	2210	<20	0.79	<50	10	1080	<50	0.2	<50	<50	120	<50	110
KK1121					J444852	Standard SG40	J444852	0.956	<1	7.33	<50	160	<10	<20	2.02	<10	20	50	20	5.53	<50	4	<50	1.53	510	<10	3.58	60	900	60	2.98	<50	<10	270	<50	0.48	<50	<50	60	<50	50
KK1121	615.7	617.2	1.5	0.1	J444853		J444853	<0.005	<1	4.77	<50	490	<10	<20	7.56	<10	30	610	90	5.41	<50	1.3	80	5.04	1190	<10	0.35	340	2590	<20	0.05	<50	10	1370	<50	0.2	<50	<50	100	<50	180
KK1121	617.2	618.7	1.5	0.1	J444854		J444854	0.015	<1	5.29	<50	760	<10	<20	7.42	<10	30	600	<10	4.16	<50	2.4	80	3.89	1090	<10	0.36	270	2250	<20	0.46	<50	10	1070	<50	0.22	<50	<50	120	<50	70
KK1121	618.7	619.3	0.6	1	J444855		J444855	<0.005	<1	4.34	<50	880	<10	<20	2.41	<10	10	20	10	2.05	<50	2	<50	0.81	590	<10	3.29	10	750	<20	0.1	<50	<10	490	<50	0.14	<50	<50	60	<50	20
KK1121	619.3	620.3	1	5	J444856		J444856	0.014	<1	6.43	80	800	<10	<20	2.07	<10	10	20	<10	2.56	<50	2.5	<50	0.81	480	<10	2.83	<10	840	<20	1.11	<50	<10	430	<50	0.14	<50	<50	70	<50	30
KK1121	620.3	621.3	1	5	J444857		J444857	0.032	<1	6.46	100	840	<10	<20	2.4	<10	10	20	<10	2.47	<50	1.6	<50	0.81	560	<10	3.74	<10	790	<20	0.78	<50	<10	510	<50	0.13	<50	<50	70	<50	30
KK1121	621.3	622.4	1.1	3	J444858		J444858	0.009	<1	2.74	<50	540	<10	<20	2.19	<10	10	20	<10	2.2	<50	1.2	<50	0.59	540	<10	4.26	10	690	<20	0.54	<50	<10	390	<50	0.11	<50	<50	60	<50	30
KK1121	622.4	623.9	1.5	1	J444859		J444859	0.006	<1	3.01	<50	490	<10	<20	2.34	<10	10	20	<10	1.99	<50	1.4	<50	0.62	510	<10	4.02	10	670	<20	0.17	<50	<10	360	<50	0.12	<50	<50	70	<50	20
KK1121	623.9	625.4	1.5	0.1	J444860		J444860	<0.005	<1	3.65	<50	1340	<10	<20	3	<10	10	30	10	2.34	<50	1.5	<50	0.79	650	<10	3.9	10	880	<20	0.08	<50	<10	510	<50	0.16	<50	<50	80	<50	30
KK1121	625.4	626.9	1.5	0.1	J444861		J444861	0.012	<1	3.13	<50	1010	<10	<20	2.35	<10	10	20	10	2	<50	1.5	<50	0.59	540	<10	3.97	10	720	<20	0.19	<50	<10	500	<50	0.14	<50	<50	70	<50	20
KK1121	626.9	628.4	1.5	0.1	J444862		J444862	<0.005	<1	2.43	<50	1500	<10	<20	2.48	<10	10	30	10	1.91	<50	1.4	<50	0.55	540	<10	4.05	10	730	<20	0.08	<50	<10	520	<50	0.13	<50	<50	70	<50	30
KK1121	628.4	629.9	1.5	0.1	J444863		J444863	<0.005	<1	2.61	<50	690	<10	<20	2.42	<10	10	30	20	1.72	<50	1.5	<50	0.59	460	<10	3.64	10	780	20	0.06	<50	<10	420	<50	0.14	<50	<50	70	<50	30
KK1121	629.9	630.8	0.9	0.1	J444864		J444864	<0.005	<1	3.01	<50	1640	<10	<20	2.65	<10	10	30	20	1.89	<50	1.6	<50	0.6	490	<10	3.76	10	800	<20	0.08	<50	<10	650	<50	0.15	<50	<50	70	<50	30
KK1121	630.8	631.6	0.8	0.1	J444865		J444865	<0.005	<1	3.64	<50	1090	<10	<20	2.86	<10	10	30	<10	1.87	<50	1.6	<50	0.82	490	<10	3.76	10	840	<20	0.13	<50	<10	500	<50	0.14	<50	<50	80	<50	30
KK1121	631.6	632.2	0.6	0.1	J444866		J444866	<0.005	<1	4.4	<50	1310	<10	<20	3.91	<10	10	70	10	2.49	<50	1.7	<50	1.18	680	<10	3.52	20	1060	<20	0.21	<50	<10	600	<50	0.2	<50	<50	100	<50	40
KK1121					J444867	Blank	J444867	<0.005	<1	0.13	<50	<50	<10	<20	34.9	<10	<10	<10	<10	0.11	<50	<0.1	<50	2.61	130	<10	0.08	<10	70	<20	<0.05	<50	<10	70	<50	<0.05	<50	<50	<10	<50	<20
KK1121	632.2	633.1	0.9	3	J444868		J444868	0.021	<1	3.26	140	520	<10	<20	2.94	<10	10	40	20	2.61	<50	1.9	<50	0.84	580	<10	3.2	10	1010	<20	0.82	<50	<10	520	<50	0.19	<50	<50	90	<50	40
KK1121	633.1	634.6	1.5	1	J444869		J444869	0.016	<1	4.4	<50	1150	<10	<20	3.34	<10	10	50	20	2.43	<50	2.4	<50	1.04	620	<10	2.89	10	1020	<20	0.16	<50	<10	600	<50	0.2	<50	<50	80	<50	40
KK1121					J444870	Duplicate of J4448	J444870	0.007	<1	4.5	<50	1180	<10	<20	3.43	<10	20	50	20	2.54	<50	2.3	<50	1.09	650	<10	2.92	20	1040	<20	0.16	<50	<10	610	<50	0.2	<50	<50	80	<50	40
KK1121	634.6	636.1	1.5	0.1	J444871		J444871	<0.005	<1	3.42	<50	2480	<10	<20	2.73	<10	10	40	30	1.82	<50	1.5	<50	0.84	480	<10	3.61	10	810	<20	0.13	<50	<10	690	<50	0.15	<50	<50	70	<50	30
KK1121	636.1	637.2	1.1	0.1	J444872		J444872	0.033	<1	3.1	<50	680	<10	<20	2.85	<10	10	30	40	2.55	<50	1.9	<50	0.82	590	<10	2.54	10	990	<20	0.44	<50	<10	420	<50	0.17	<50	<50	80	<50	30
KK1121	637.2	638	0.8	0.1	J444873		J444873	0.007	<1	3.11	<50	980	<10	<20	2.88	<10	10	30	10	2.97	<50	1.9	<50	0.81	670	<10	3.1	10	1000	<20	0.25	<50	<10	450	<50	0.13	<50	<50	80	<50	30
KK1121	638	639	1	2	J444874		J444874	0.015	<1	3.5	<50	630	<10	<20	3.19	<10	10	30	10	3.34	<50	2.1	<50	0.85	620	<10	3.13	10	1250	<20	0.67	<50	<10	420	<50	0.15	<50	<50	80	<50	40
KK1121	639	640	1	1	J444875		J444875	0.011	<1	4.64	50	680	<10	<20	4.17	<10	10	20	10	2.97	<50	1.9	<50	1.28	770	<10	3.5	10	1300	<20	0.49	<50	<10	490	<50	0.16	<50	<50	80	<50	30
KK1121	640	641.5	1.5	0.1	J444876		J444876	0.005	<1	3.53	<50	640	<10	<20	2.69	<10	10	20	10	2.62	<50	1.5	<50	0.75	590	<10	3.54	10	950	<20	0.28	<50	<10	450	<50	0.14	<50	<50	80	<50	30
KK1121	641.5	642.5	1	0.1	J444877		J444877	0.011	<1	3.15	<50	520	<10	<20	2.53	<10	10	30	20	2.69	<50	1.1	<50	0.73	590	<10	4.15	10	970	<20	0.09	<50	<10	370	<50	0.14	<50	<50	90	<50	20
KK1121	642.5	643.5	1	1	J444878		J444878	0.009	<1	3.22	<50	440	<10	<20	2.39	<10	10	20	30	2.32	<50	0.9	<50	0.72	530	<10	3.7	10	830	<20	0.21	<50	<10	330	<50	0.12	<50	<50	70	<50	20
KK1121	643.5	644.5	1	1	J444879		J444879	0.032	<1	3.48	<50	190	<10	<20	1.94	<10	10	20	10	1.94	<50	0.8	<50	0.63	370	<10	4.75	10	780	<20	0.82	<50	<10	290	<50	0.11	<50	<50	70	<50	20
KK1121	644.5	645.5	1	1	J444880		J444880	0.02	<1	3.35	<50	450	<10	<20	2.58	<10	10	20	10	2.34	<50	1.2	<50	0.76	480	<10	3.93	10	1000	<20	0.65	<50	<10	380	<50	0.14	<50	<50	90	<50	30
KK1121	645.5	646.5	1	2	J444881		J444881	0.023	<1	3.53	<50	490	<10	<20	2.54	<10	10	20	<10	2.42	<50	1.4	<50	0.79	500	<10	3.24	10	980	<20	0.81	<50	<10	370	<50	0.14	<50	<50	80	<50	30
KK1121	646.5	647.5	1	3	J444882		J444882	0.079	<1	4.98	60	810	<10	<20	4.97	<10	20	90	<10	4.53	<50	2.2	<50	1.72	960	<10	2.03	30	1230	<20	2	<50	10	660	<50	0.21	<50	<50	130	<50	50
KK1121	647.5	648.5	1	2	J444883		J444883	0.044	<1	3.96	90	570	<10	<20	4.11	<10	10	40	<10	3.52	<50	2.2	<50	1.16	870	<10	2.46	20	1440	<20	0.69	<50	<10	510	<50	0.2	<50	<50	100	<50	40
KK1121	648.5	649.8	1.3	0.1	J444884		J444884	0.007	<1	4.55	<50	720	<10	<20	4.2	<10	20	50	20	3.3	<50	2.4	<50	1.39	890	<10	2.2	30	1450	20	0.19	<50	<10	490	<50	0.21	<50	<50	100	<50	40
KK1121	649.8	650.8	1	1	J444885		J444885	0.011	1	4.48	<50	880	<10	<20	4.42	<10	20	50	<10	3.73	<50	2.3	<50	1.45	880	<10	1.99	20	1560	<20	0.63	<50	<10	440	<50	0.19	<50	<50	110	<50	40
KK1121	650.8	651.9	1.1	0.1	J444886		J444886	0.006	<1	4.75	<50	750	<10	<20	4.7	<10	20	60	<10	3.39	<50	2.1	<50	1.57	790	<10	2.31	10	1640	<20	0.35	<50	10	510	<50	0.23	<50	<50	110	<50	40

KK1121	651.9	653	1.1	0.1	J444887		J444887	<0.005	<1	5.26	<50	1280	<10	<20	4.95	<10	20	60	30	3.45	<50	2.3	<50	1.65	830	<10	1.97	20	1650	<20	0.22	<50	10	570	<50	0.25	<50	<50	110	<50	40
KK1121	653	654	1	4	J444888		J444888	0.035	<1	4.65	150	620	<10	<20	4.84	<10	20	70	10	4.22	<50	2.6	<50	1.53	880	<10	1.07	20	1740	<20	1.52	<50	10	620	<50	0.25	<50	<50	120	<50	50
KK1121	654	655	1	5	J444889		J444889	0.03	<1	5.09	110	640	<10	<20	4.72	<10	20	70	20	4.51	<50	2.7	<50	1.63	850	<10	1.32	20	1770	<20	1.73	<50	10	1050	<50	0.24	<50	<50	130	<50	40
KK1121	655	655.8	0.8	3	J444890		J444890	0.006	1	5.25	<50	540	<10	<20	5.18	<10	20	80	40	4.48	<50	2.3	<50	2.13	910	<10	1.34	30	1680	<20	0.25	<50	10	490	<50	0.26	<50	<50	140	<50	30
KK1121					J444891	Standard SK52	J444891	4	2	6.29	50	180	<10	<20	2.43	<10	20	60	50	6.25	<50	3	<50	1.69	510	<10	3.2	80	1080	80	3.15	<50	<10	350	<50	0.58	<50	<50	80	<50	80
KK1121	655.8	656	0.2	5	J444892		J444892	0.054	<1	5.91	400	460	<10	<20	5.1	<10	30	30	110	6.98	<50	2.3	<50	2.43	870	<10	0.14	10	1270	<20	3.91	<50	30	470	<50	0.67	<50	<50	160	<50	30
KK1121	656	656.8	0.8	5	J444893		J444893	0.021	<1	6.28	50	580	<10	<20	5.37	<10	20	90	50	4.83	<50	2.6	<50	2.37	910	<10	0.57	30	1720	<20	1.25	<50	10	560	<50	0.29	<50	<50	140	<50	40
KK1121					J444894	Standard SG40	J444894	0.907	<1	5.27	<50	160	<10	<20	1.8	<10	20	60	20	5.24	<50	2.9	<50	1.48	510	<10	3.61	60	950	70	2.78	<50	<10	240	<50	0.48	<50	<50	70	<50	60
KK1121	656.8	657.6	0.8	5	J444895		J444895	0.017	<1	6.54	70	490	<10	<20	5.71	<10	30	90	60	5.48	<50	2.2	<50	2.65	1010	<10	0.71	30	1470	<20	1.42	<50	20	560	<50	0.35	<50	<50	150	<50	40
KK1121	657.6	658.3	0.7	3	J444896		J444896	0.021	<1	5.95	<50	480	<10	<20	4.49	<10	20	50	30	3.37	<50	3.2	<50	1.6	800	<10	0.55	10	1540	<20	0.76	<50	10	340	<50	0.21	<50	<50	100	<50	40
KK1121	658.3	659	0.7	4	J444897	with 1% local Cp	J444897	0.008	1	5.93	<50	520	<10	<20	6.67	<10	10	90	30	4.17	<50	3.1	<50	2.82	1140	<10	0.51	30	1800	<20	0.08	<50	10	510	<50	0.31	<50	<50	140	<50	40
KK1121	659	660	1	4	J444898		J444898	0.023	<1	6.64	<50	580	<10	<20	7	<10	30	100	10	5.16	<50	3.4	<50	2.76	1110	<10	0.11	40	1580	<20	0.81	<50	20	560	<50	0.31	<50	<50	150	<50	40
KK1121	660	660.5	0.5	5	J444899		J444899	0.037	<1	6.65	<50	440	<10	<20	5.33	<10	50	90	20	6.3	<50	2.4	<50	2.45	840	<10	<0.05	50	790	<20	3.07	<50	20	440	<50	0.33	<50	<50	190	<50	50
KK1121	660.5	661	0.5	5	J444900		J444900	0.025	<1	5.8	<50	380	<10	<20	5.05	<10	40	70	80	4.33	<50	2.3	<50	2.15	850	<10	0.25	30	1110	<20	1.57	<50	10	390	<50	0.24	<50	<50	130	<50	40
KK1121	661	661.5	0.5	5	J444901	with 1% local Cp	J444901	0.015	<1	6.62	<50	430	<10	<20	4.68	<10	20	90	90	3.59	<50	3.2	<50	1.98	870	<10	0.29	30	1640	<20	0.57	<50	10	330	<50	0.26	<50	<50	140	<50	40
KK1121	661.5	662	0.5	0.1	J444902		J444902	0.025	<1	6.19	<50	350	<10	<20	5.66	<10	40	110	10	4.91	<50	2.7	<50	2.57	950	<10	0.08	50	940	<20	1.28	<50	20	430	<50	0.34	<50	<50	190	<50	40
KK1121	662	663.5	1.5	0.1	J444903		J444903	0.005	<1	4.37	<50	450	<10	<20	4.56	<10	20	60	120	3.92	<50	2.5	<50	1.61	840	<10	1.33	20	1610	<20	0.09	<50	10	380	<50	0.22	<50	<50	120	<50	30
KK1121	663.5	665	1.5	0.1	J444904		J444904	<0.005	<1	4.39	<50	520	<10	<20	4.41	<10	20	70	10	3.67	<50	2.2	<50	1.59	750	<10	2.23	20	1670	<20	0.1	<50	10	510	<50	0.24	<50	<50	120	<50	30
KK1121	665	666.5	1.5	0.1	J444905		J444905	<0.005	<1	6.02	<50	580	<10	<20	4.55	<10	20	110	20	5.1	<50	2.2	<50	2.46	910	<10	2.02	30	1750	<20	<0.05	<50	10	730	<50	0.25	<50	<50	140	<50	80
KK1121	666.5	667.7	1.2	0.1	J444906		J444906	<0.005	<1	5.84	<50	730	<10	<20	5.32	<10	20	140	60	5.52	<50	1.8	<50	3.12	1020	<10	1.4	50	1590	<20	0.07	<50	10	770	<50	0.26	<50	<50	150	<50	100
KK1121	667.7	668.9	1.2	0.1	J444907		J444907	<0.005	<1	6.5	<50	490	<10	<20	6.42	<10	30	120	<10	5.04	<50	2.5	<50	3.2	1100	<10	0.98	50	1700	<20	0.37	<50	20	610	<50	0.33	<50	<50	160	<50	70
KK1121	668.9	669.2	0.3	0.1	J444908		J444908	<0.005	<1	5.71	<50	510	<10	<20	6.03	<10	20	130	10	4.72	<50	2	<50	2.98	1050	<10	1.02	40	1580	<20	0.17	<50	10	610	<50	0.3	<50	<50	150	<50	70
KK1121	669.2	669.8	0.6	0.1	J444909		J444909	0.013	<1	3.66	<50	420	<10	<20	3.46	<10	10	30	10	2.45	<50	2.8	<50	1.18	690	<10	1.33	10	950	<20	0.52	<50	<10	270	<50	0.15	<50	<50	80	<50	30
KK1121	669.8	671.3	1.5	0.1	J444910		J444910	0.01	<1	2.54	<50	420	<10	<20	2.8	<10	10	30	<10	2.05	<50	2	<50	0.84	560	<10	2.86	10	800	<20	0.18	<50	<10	330	<50	0.13	<50	<50	70	<50	30
KK1121	671.3	672.8	1.5	0.1	J444911		J444911	<0.005	<1	2.3	<50	470	<10	<20	2.42	<10	10	30	10	2.04	<50	2	<50	0.72	550	<10	3.26	10	740	30	0.14	<50	<10	370	<50	0.13	<50	<50	70	<50	40
KK1121					J444912	Blank	J444912	<0.005	<1	0.13	<50	<50	<10	<20	31.1	<10	<10	<10	10	0.22	<50	<0.1	<50	4.09	140	<10	0.06	<10	100	<20	0.06	<50	<10	70	<50	<0.05	<50	<50	<10	<50	<20
KK1121	672.8	674	1.2	0.1	J444913		J444913	0.005	<1	3.09	<50	440	<10	<20	3.27	<10	10	50	10	2.29	<50	2.2	<50	1.01	690	<10	2.84	10	950	<20	0.13	<50	<10	370	<50	0.15	<50	<50	80	<50	30
KK1121	674	675.5	1.5	0.1	J444914		J444914	<0.005	<1	2.9	<50	390	<10	<20	3.32	<10	10	50	<10	2.42	<50	2.1	<50	1.01	700	<10	2.68	10	870	<20	0.1	<50	<10	370	<50	0.15	<50	<50	80	<50	30
KK1121	675.5	677	1.5	0.1	J444915		J444915	0.031	<1	2.55	<50	540	<10	<20	2.34	<10	10	30	10	2.1	<50	1.8	<50	0.64	510	<10	3.65	10	710	<20	0.22	<50	<10	430	<50	0.11	<50	<50	60	<50	20
KK1121	677	678.5	1.5	0.1	J444916		J444916	0.02	<1	2.85	<50	470	<10	<20	2.41	<10	10	30	<10	2.04	<50	2.1	<50	0.71	530	<10	3.45	10	810	<20	0.42	<50	<10	420	<50	0.13	<50	<50	70	<50	30
KK1121	678.5	680	1.5	0.1	J444917		J444917	0.014	<1	2.81	<50	530	<10	<20	2.7	<10	10	30	10	2.15	<50	2.3	<50	0.81	560	<10	3.17	10	860	<20	0.33	<50	<10	460	<50	0.14	<50	<50	80	<50	30
KK1121					J444918	Standard SG40	J444918	0.984	<1	4.84	<50	150	<10	<20	1.72	<10	20	50	20	5.22	<50	3.6	<50	1.44	490	<10	3.54	60	910	60	2.87	<50	<10	230	<50	0.47	<50	<50	60	<50	50
KK1121	680	681.1	1.1	0.1	J444919		J444919	0.027	<1	3.23	<50	480	<10	<20	2.85	<10	10	30	10	2.6	<50	2.2	<50	0.86	640	<10	2.82	10	850	<20	0.62	<50	<10	440	<50	0.14	<50	<50	80	<50	30
KK1121	681.1	682.1	1	2	J444920		J444920	0.063	<1	2.72	<50	500	<10	<20	2.25	<10	10	40	10	2.56	<50	1.8	<50	0.81	550	<10	3.39	10	780	20	1.48	<50	<10	410	<50	0.14	<50	<50	80	<50	30
KK1121	682.1	683.1	1	2	J444921		J444921	0.055	<1	2.27	<50	400	<10	<20	2.08	<10	10	20	<10	2.43	<50	2.1	<50	0.83	460	<10	2.95	20	800	<20	1.4	<50	<10	310	<50	0.12	<50	<50	60	<50	20
KK1121	683.1	684.1	1	1	J444922		J444922	<0.005	<1	2.94	<50	510	<10	<20	3.09	<10	10	60	<10	2.36	<50	1.9	<50	0.95	600	<10	2.75	10	890	<20	0.22	<50	<10	450	<50	0.16	<50	<50	80	<50	30
KK1121	684.1	685.6	1.5	0.1	J444923		J444923	0.024	<1	3.99	<50	570	<10	<20	2.64	<10	10	30	10	2.38	<50	2.2	<50	0.95	580	<10	3.04	10	870	<20	0.84	<50	<10	510	<50	0.16	<50	<50	80	<50	30
KK1121					J444924	Duplicate of J4449	J444924	0.023	<1	3.22	<50	590	<10	<20	2.69	<10	10	40	10	2.55	<50	2.1	<50	0.9	610	<10	3.16	10	910	20	0.84	<50	<10	520	<50	0.17	<50	<50	80	<50	30
KK1121	685.6	686.6	1	2	J444925		J444925	0.039	<1	2.88	100	520	<10	<20	2.72	<10	10	40	<10	2.76	<50	2.1	<50	0.88	640	<10	2.13	10	840	<20	1.33	<50	<10	410	<50	0.16	<50	<50	70	<50	40
KK1121	686.6	688.1	1.5	1	J444926		J444926	0.045	<1	2.8	<50	690	<10	<20	3.23	<10	10	50	10	3.22	<50	2.9	<50	0.99	750	<10	2.03	10	1040	<20	1.49	<50	<10	480	<50	0.19	<50	<50	100	<50	40
KK1121	688.1	689.2	1.1	1	J444927		J444927	0.029	<1	3.02	<50	630	<10	<20	2.82	<10	10	30	<10	2.49	<50	1.8	<50	0.87	650	<10	2.11	10	790	<20	0.82	<50	<10	380	<50	0.14	<50	<50	70	<50	30
KK1121	689.2	690.2	1	1	J444928		J444928	0.074	<1	2.83	<50	620	<10	<20	2.78	<10	10	40	<10	2.71	<50	2	<50	0.85	680	<10	3.28	10	920	<20	1.17	<50	<10	490	<50	0.15	<50	<50	80	<50	30
KK1121	690.2	691.7	1.5	0.1	J444929		J444929	0.014	1	2.66	<50	710	<10	<20	2.72	<10	10	30	20	2.58	<50	2.4	<50	0.84	660	<10	2.82	10	890	<20	0.37	<50	<10	530	<50	0.15	<50	<50	80	<50	30
KK1121	691.7	693.2	1.5	0.1	J444930		J444930	<0.005	<1	4.18	<50	620	<10	<20	4.36	<10	10	100	20	3.07	<50	2.1	<50	1.6	770	<10	2.44	20	1390	<20	0.12	<50	<10	570	<50	0.22	<50	<50	100	<50	30
KK1121	693.2	694.3	1.1	0.1	J444931		J444931	0.007	<1	3.46	<50	660	<10	<20	2.59	<10	10	30	110	2.55	<50	2.3	<50	0.92	630	<10	2.73	10	950	<20	0.26	<50	<10	440	<50	0.15	<50	<50	80	<50	30
KK1121	694.3	695.8	1.5	2	J444932		J444932	0.01	<1	3.15	<50	590	<10	<20	2.83	<10	10	40	10	2.87	<50	2.5	<50	0.86	700	<10	1.91	10	1030	<20	1.05	<50	<10	440	<50	0.14	<50	<50	80	<50	40
KK1121	695.8	697.3	1.5	1	J444933		J444933	<0.005	<1	4.25	<50	510	<10	<20	3.18	<10	10	50	50	2.69	<50	2.4	<50	1.09	700	<10	2.43	10	1030	<20	0.19	<50	<10	450	<50	0.15	<50	<50	80	<50	30
KK1121	697.3	698.8	1.5	1	J444934		J444934	0.022	<1	3.78	<50	460	<10	<20	3.5	<10	10	50	10	3.06	<50	1.8	<50	1.09	760	<10	2.95	10	1060	<20	0.43	<50	<10	470	<50	0.15	<50	<50	80	<50	30
KK1121	698.8	700.2	1.4	0.1	J444935		J444935	<0.005	<1	3.46	<50	800	<10	<20	3.45	<10	10	50	20	2.74	<50	2	<50	1.06	710	<10	2.61	10	1140	<20	0.11	<50	<10	550	<50	0.19	<50	<50	90	<50	30
KK1121	700.2	701.2	1	2	J444936		J444936	0.043	<1	3.09	50	530	<10	<20	2.49	<10	10	50	<10	2.51	<50	1.7	<50	0.85	540	<10	2.24	10	820	<20	1.24	<50	<10	400	<50	0.14	<50	<50	70	<50	30
KK1121	701.2	702.7	1.5	2	J444937		J444937	0.039	1	2.63	<50	460	<10	<20	1.62	<10	10	30	10	1.73	<50	2	<50	0.65	380	<10	2.73	10	450	<20	0.84	<50	<10	290	<50	0.12	<50	<50	50	<50	30
KK1121					J444938	Duplicate of J4449	J444938	0.038	<1	2.96	<50	460	<10	<20	1.77	<10	10	30	10	1.77	<50	1.7	<50	0.65	390	<10	2.8	10	430	<20	0.81	<50	<10	300	<50	0.12	<50	<50	50	<50	30
KK1121	702.7	704.2	1.5	2	J444939		J444939	0.062	1	2.91	<50	470	<10	<20	1.55	<10	10	30	10	1.66	<50	1.5	<50	0.66	350	<10	3.18	10	460	<20	0.98	<50	<10	340	<50	0.13	<50	<50	40	<50	30
KK1121	704.2	705.2	1	3	J444940		J444940	0.043	1	3.7	<50	560	<10	<20	3.82	<10	10	90	20	2.74	<50	1.5	<50	1.43	680	10	2.62	20	950	<20	1.6	<50	<10	660	<50	0.15	<50	<50	70	<50	40
KK1121	705.2	706.2	1	3	J444941		J444941	0.031	<1	2.04	<50	410	<10	<20	1.4	<10	10	20	10	1.57	<50	1.9	<50	0.64	320	<10	2.91	10	390	<20	0.91	<50	<10	250	<50	0.12	<50	<50	50	<50	30
KK1121					J444942	Blank	J444942	<0.005	2	0.11	<50	<50	<10	<20	36.4	<10	<10	<10	<10	0.15	<50	<0.1	<50	1.66	180	<10	<0.05	<10	70	<20	<0.05	<50	<10	70	<50	<0.05	<50	<50	<10	<50	<20
KK1121	706.2	707.7	1.5	2	J444943		J444943	0.052	<1	2.28	<50	400	<10	<20	1.68	<10	10	30	10	1.6	<50	1.7	<50	0.66	340	<10	3.12	10	400	<20	0.94	<50	<10	280	<50	0.12	<50	<50	50	<50	30
KK1121	707.7	709.2	1.5	2	J444944		J444944	0.061	<1	2.25	<50	360	<10	<20	1.76	<10	10	30	10	1.63	<50	1.4	<50	0.7	350	<10	3.95	10	430	<20	1.1	<50	<10	360	<50	0.12	<50	<50	50	<50	30
KK1121	709.2	710.7	1.5	2	J444945		J444945	0.06	<1	2.81	<50	290	<10	<20	1.74	<10	10	30	10	1.68	<50	0.9	<50	0.67	340	<10	4.36	10	420	<20	1.04	<50	<10	360	<50	0.11	<50	<50	50	<50	20
KK1121	710.7	711.7	1	2	J444946		J444946	0.04	<1	2.68	<50	370	<10	<20	1.73	<10	10	20	<10	1.61	<50	1.1	<50	0.64	390	<10	3.84	10	380	20	1.06	<50	<10	300	<50	0.11	<50	<50	40	<50	110
KK1121	711.7	713.2	1.5	2	J444947		J444947	0.034	<1	1.89	<50	370	<10	<20	1.8	<10	10	10	<10	1.56	<50	1.4	<50	0.61	390	<10	3.25	10	470	20	0.95	<50	<10	290	<50	0.11	<50	<50	40	<50	110
KK1121	713.2	714.2	1	3	J444948		J444948	0.024	1	2.29	<50	400	<10	<20	1.75	<10	10	20	20	1.51	<50	2	<50	0.66	350	<10	2.5	20	380	<20	0.73	<50	<10	190	<50	0.11	<50	<50	40	<50	60
KK1121	714.2	715.7	1.5	2	J444949		J444949	0.019	<1	3.21	<50	450	<10	<20	1.74	<10	10	20	<10	1.59	<50	1.8	<50	0.57	340	<10	3.25	10	400	<20	0.54	<50	<10	310	<50	0.13	<50	<50	50	<50	60
KK1121	715.7	717.2	1.5	2	J444950		J444950	0.027	<1	3.07	<50	420	<10	<20	1.59	<10	10	30	10	1.62	<50	1.5	<50	0.63	330	<10	3.67	10	430	<20	0.75	<50	<10	310	<50	0.11	<50	<50	50	<50	20
KK1121	717.2	718.7	1.5	1	J444951		J444951	0.024	1	2.36	<50	440	<10	<20	1.5	<10	10	20	20	1.48	<50	1.7	<50	0.56	320	<10	3.33	10	370	<20	0.58	<50	<10	310	<50	0.1	<50	<50	50	<50	20
KK1121					J444952	Standard SG40	J444952	2.55	1	4.93	<50	200	<10	<20	2.31	<10	20	70	50	6.12	<50	3.5	<50	1.59	500	<10	3.2	70	1110	80	3.22	<50	<10	330	<50	0.59	<50	<50	80	<50	80
KK1121	718.7	720.2	1.5	2	J444953		J444953	0.014	<1	2.1	<50	410	<10	<20	1.71	<10	<10	30	<10	1.48	<50	1.7	<50	0.61	400	<10	3.18	10	400	<20	0.62	<50	<10	290	<50	0.15	<50	<50	50	<50	20
KK1121	720.2	721.7	1.5	2	J444954		J444954	0.007	<1	2.53	<50	500	<10	<20	2.03	<10	10	40	20	1.69	<50	1.3	<50	0.63	400	<10	3.65	10	410	<20	0.41	<50	<10	400	<50	0.16	<50	<50	50	<50	30
KK1121	721.7	723.2	1.5	1	J444955		J444955	0.013	<1	2.43	<50	650	<10	<20	1.92	<10	10	30	10	1.67	<50	1.3	<50	0.62	400	<10	3.92	10	420	<20	0.51	<50	<10	390	<50	0.14	<50	<50	50	<50	20
KK1121	723.2	724.7	1.5	1	J444956		J444956	0.021	<1	3.6	<50	610	<10	<20	1.81	<10	10	30	<10	1.63	<50	1.8	<50	0.7	360	<10	3.65	10	410	<20	0.46	<50	<10	350	<50	0.13	<50	<50	50	<50	20
KK1121	724.7	726.2	1.5	2	J444957		J444957	0.061	1	3.44	<50	370	<10	<20	1.59	<10	10	30	<10	1.64	<50	1.4	<50	0.64	340	<10	3.56	10	390	<20	0.8	<50	<10	290	<50	0.11	<50	<50	50	<50	20
KK1121	726.2	727.7	1.5	2	J444958		J444958	0.019	<1	4.48	<50	450	<10	<20	1.72	<10	10	30	<10	1.84	<50	2.1	<50	0.73	360	<10	3	10	420	<20	0.81	<50	<10	310	<50	0.13	<50	<50	50	<50	30
KK1121	727.7	728.7	1	1	J444959		J444959	0.021	<1	4.31	<50	500	<10	<20	1.61	<10	10	30	<10	1.86	<50	2.1	<50	0.72	360	<10	2.94	10	420	<20	0.85	<50	<10	260	<50	0.12	<50	<50	50	<50	30
KK1121	728.7	729.7	1	1	J444960		J444960	0.026	<1	4.12	<50	470	<10	<20	1.67	<10	10	30	<10	1.85	<50	2.2	<50	0.76	370	<10	2.44	10	440	<20	0.71	<50	<10	230	<50	0.11	<50	<50	40	<50	30
KK1121	729.7	731	1.3	1	J444961		J444961	0.011	1	3.99	<50	530	<10	<20	1.74	<10	10	30	<10	1.82	<50	2.2	<50	0.73	390	<10	2.88	10	440	<20	0.58	<50	<10	250	<50	0.13	<50	<50	50	<50	30
KK1121	731	732.5	1.5	1	J444962		J444962	0.024	<1	3.3	<50	570	<10	<20	1.72	<10	10	30	<10	1.84	<50	1.9	<50	0.78	400	<10	3.48	10	430	<20	0.53	<50	<10	280	<50	0.12	<50	<50	50	<50	30
KK1121	732.5	734	1.5	1	J444963		J444963	0.018	<1	3.39	<50	430	<10	<20	1.63	<10	10	30	<10	1.77	<50	1.5	<50	0.73	390	<10	3.99	10	450	<20	0.51	<50	<10	340	<50	0.13	<50	<50	50	<50	20
KK1121	734	735.4	1.4	0.1	J444964		J444964	0.021	<1	3.08	<50	390	<10	<20	1.65	<10	10	30	<10	1.74	<50	1.6	<50	0.73	380	<10	3.44	10	420	<20	0.72	<50	<10	220	<50	0.11	<50	<50	50	<50	20
KK1121	735.4	736.3	0.9	0.1	J444965		J444965	0.012	<1	3.53	<50	450	<10	<20	1.62	<10	10	30	<10	1.7	<50	1.3	<50	0.75	380	<10	4.24	10	440	<20	0.32	<50	<10	300	<50	0.12	<50	<50	50	<50	30
KK1121	736.3	737.2	0.9	0.1	J444966		J444966	0.019	1	3.26	<50	550	<10	<20	1.63	<10	10	40	<10	1.72	<50	1	<50	0.82	410	<10	4.47	10	460	<20	0.21	<50	<10	280	<50	0.11	<50	<50	50	<50	30

KK1121					J444967	Blank	J444967	<0.005	<1	0.1	<50	<50	<10	<20	34.2	<10	<10	10	<10	0.1	<50	<0.1	<50	2.01	130	<10	<0.05	<10	90	<20	<0.05	<50	<10	60	<50	<0.05	<50	<50	<10	<50	<20
KK1121	737.2	737.6	0.4	0.1	J444968		J444968	0.011	1	5.93	<50	570	<10	<20	5.83	<10	40	600	10	6.04	<50	1.3	<50	5.48	1120	<10	1.33	170	1790	<20	0.2	<50	20	550	<50	0.22	<50	<50	150	<50	160
KK1121	737.6	738.7	1.1	0.1	J444969		J444969	0.021	1	3.04	<50	260	<10	<20	2.21	<10	10	30	20	1.69	<50	2	<50	0.88	430	<10	3.67	10	400	<20	0.41	<50	<10	240	<50	0.1	<50	<50	50	<50	20
KK1121					J444970	Duplicate of J4449	J444970	0.023	<1	2.88	<50	250	<10	<20	2.2	<10	10	40	20	1.68	<50	1.7	<50	0.85	430	<10	3.84	20	450	<20	0.43	<50	<10	250	<50	0.1	<50	<50	50	<50	20
KK1121	738.7	739.9	1.2	0.1	J444971		J444971	0.005	<1	5.25	<50	340	<10	<20	6.21	<10	30	640	<10	5.9	<50	1.6	<50	5.76	1170	<10	0.86	180	1700	<20	0.16	<50	20	610	<50	0.13	<50	<50	150	<50	130
KK1121	739.9	740.9	1	0.1	J444972		J444972	0.006	<1	3.4	<50	300	<10	<20	2.22	<10	10	40	20	2	<50	2	<50	1.01	400	<10	3.49	<10	550	<20	0.19	<50	<10	260	<50	0.11	<50	<50	60	<50	20
KK1121	740.9	741.2	0.3	0.1	J444973		J444973	0.005	<1	5.93	<50	450	<10	<20	6.14	<10	30	250	40	6.47	<50	2.6	<50	4.62	1220	<10	0.23	50	2720	<20	<0.05	<50	30	590	<50	0.35	<50	<50	210	<50	120
KK1121	741.2	742.4	1.2	0.1	J444974		J444974	0.017	<1	3.53	<50	340	<10	<20	2.02	<10	10	30	<10	1.89	<50	1.8	<50	0.87	380	<10	3.84	<10	440	<20	0.14	<50	<10	290	<50	0.11	<50	<50	50	<50	20
KK1121	742.4	743.9	1.5	0.1	J444975		J444975	0.016	<1	3.54	<50	330	<10	<20	2.21	<10	10	30	<10	1.83	<50	1.9	<50	0.81	360	<10	3.64	<10	450	<20	0.49	<50	<10	260	<50	0.09	<50	<50	60	<50	20
KK1121	743.9	744.8	0.9	0.1	J444976		J444976	0.034	<1	3.69	<50	440	<10	<20	2.3	<10	10	50	<10	1.98	<50	1.7	<50	0.89	400	<10	3.88	<10	480	<20	0.89	<50	<10	310	<50	0.1	<50	<50	50	<50	20
KK1121	744.8	745.7	0.9	1	J444977		J444977	0.025	<1	3.66	<50	330	<10	<20	2.3	<10	10	40	20	2.02	<50	1.4	<50	1.08	460	<10	3.33	20	490	<20	0.85	<50	<10	260	<50	0.12	<50	<50	50	<50	40
KK1121	745.7	747.2	1.5	0.1	J444978		J444978	<0.005	<1	5.65	<50	370	<10	<20	5.37	<10	40	750	10	6.07	<50	0.9	50	5.84	1180	<10	0.88	190	2260	<20	<0.05	<50	20	600	<50	0.26	<50	<50	150	<50	170
KK1121	747.2	748.7	1.5	1	J444979		J444979	0.026	<1	2.95	<50	260	<10	<20	1.45	<10	10	40	20	1.6	<50	1.3	<50	0.62	300	<10	3.83	10	420	<20	0.78	<50	<10	300	<50	0.1	<50	<50	50	<50	30
KK1121	748.7	750.1	1.4	1	J444980		J444980	0.026	<1	3.44	<50	440	<10	<20	1.68	<10	10	30	<10	1.69	<50	1.9	<50	0.64	320	<10	2.96	10	430	<20	0.96	<50	<10	270	<50	0.1	<50	<50	40	<50	20
KK1121	750.1	750.6	0.5	1	J444981	Q-flooding	J444981	0.022	<1	3.91	<50	470	<10	<20	1.11	<10	10	40	<10	1.64	<50	2.8	<50	0.54	230	<10	0.7	10	440	<20	0.99	<50	<10	110	<50	0.12	<50	<50	50	<50	30
KK1121	750.6	752.1	1.5	1	J444982		J444982	0.02	<1	3.13	<50	390	<10	<20	1.61	<10	10	40	<10	1.6	<50	0.9	<50	0.55	350	<10	3.63	10	390	<20	0.77	<50	<10	320	<50	0.11	<50	<50	40	<50	20
KK1121	752.1	753.6	1.5	1	J444983		J444983	0.014	<1	2.54	<50	450	<10	<20	1.69	<10	10	30	<10	1.54	<50	1.4	<50	0.52	350	<10	3.59	10	400	<20	0.55	<50	<10	360	<50	0.11	<50	<50	50	<50	20
KK1121	753.6	754.6	1	2	J444984	includes 40% Q-ve	J444984	0.048	1	1.96	<50	440	<10	<20	1.66	<10	10	30	<10	1.79	<50	1.9	<50	0.62	350	<10	2.36	10	370	<20	1.04	<50	<10	240	<50	0.08	<50	<50	50	<50	20
KK1121	754.6	756	1.4	1	J444985		J444985	0.018	<1	2.01	<50	310	<10	<20	1.81	<10	10	30	340	1.63	<50	1.4	<50	0.64	360	<10	2.95	10	350	<20	0.9	<50	<10	260	<50	0.09	<50	<50	40	<50	20
KK1121	756	757.5	1.5	1	J444986		J444986	0.027	<1	2.5	<50	320	<10	<20	1.78	<10	10	30	10	1.56	<50	1.1	<50	0.61	370	<10	3.74	10	370	<20	0.88	<50	<10	360	<50	0.1	<50	<50	40	<50	20
KK1121	757.5	759	1.5	1	J444987	~ 13% core lost	J444987	0.064	<1	3.19	<50	370	<10	<20	1.42	<10	10	30	10	1.68	<50	1.6	<50	0.55	290	<10	3.16	20	400	<20	1.09	<50	<10	280	<50	0.1	<50	<50	50	<50	20
KK1121	759	760	1	2	J444988		J444988	0.029	<1	3.27	<50	430	<10	<20	1.91	<10	10	30	<10	1.82	<50	1.3	<50	0.68	400	<10	3.36	10	420	<20	0.95	<50	<10	340	<50	0.1	<50	<50	50	<50	20
KK1121	760	761.5	1.5	1	J444989		J444989	0.026	<1	3.33	<50	510	<10	<20	1.56	<10	10	30	<10	1.71	<50	1.7	<50	0.56	330	<10	3.19	10	430	<20	0.8	<50	<10	340	<50	0.11	<50	<50	50	<50	20
KK1121	761.5	763	1.5	1	J444990		J444990	0.02	<1	2.92	<50	370	<10	<20	1.81	<10	10	30	<10	1.63	<50	1.6	<50	0.61	350	<10	3.36	10	400	<20	0.87	<50	<10	350	<50	0.11	<50	<50	40	<50	20
KK1121					J444991	Standard SL51	J444991	NSS	1	5.88	<50	180	<10	<20	2.28	<10	20	70	50	5.96	<50	3.5	<50	1.49	500	<10	3.13	70	1060	70	3.53	<50	<10	350	<50	0.57	<50	<50	70	<50	80
KK1121	763	764	1	2	J444992		J444992	0.02	<1	3	<50	460	<10	<20	1.54	<10	10	40	<10	1.79	<50	1.6	<50	0.54	350	<10	3.33	10	430	<20	1.03	<50	<10	330	<50	0.12	<50	<50	50	<50	30
KK1121	764	765	1	2	J444993		J444993	0.027	<1	2.55	<50	380	<10	<20	1.65	<10	10	30	<10	1.67	<50	1.2	<50	0.55	350	<10	3.93	10	400	<20	1	<50	<10	380	<50	0.1	<50	<50	50	<50	20
KK1121					J444994	Standard SG40	J444994	0.82	<1	4.08	<50	140	<10	<20	1.59	<10	20	60	20	4.92	<50	3.5	<50	1.24	480	<10	3.37	70	870	50	3.09	<50	<10	230	<50	0.46	<50	<50	60	<50	50
KK1121	765	766.2	1.2	1	J444995		J444995	0.035	<1	2.69	<50	340	<10	<20	1.69	<10	10	30	<10	1.69	<50	1.3	<50	0.64	350	<10	3.71	10	410	<20	0.96	<50	<10	320	<50	0.1	<50	<50	40	<50	30
KK1121	766.2	767.4	1.2	1	J444996		J444996	0.056	<1	3.15	<50	280	<10	<20	1.56	<10	10	30	<10	1.78	<50	1.1	<50	0.66	380	<10	3.54	10	430	<20	0.97	<50	<10	270	<50	0.08	<50	<50	40	<50	20
KK1121	767.4	768.4	1	0.1	J444997		J444997	0.014	<1	2.57	<50	340	<10	<20	0.58	<10	10	30	<10	1.88	<50	1.8	<50	0.71	170	<10	3.17	20	430	<20	0.57	<50	<10	180	<50	0.1	<50	<50	50	<50	50
KK1121	768.4	769.3	0.9	0.1	J444998		J444998	0.016	<1	3.5	<50	240	<10	<20	1.44	<10	10	30	<10	1.79	<50	2.4	<50	0.86	290	<10	2.82	20	430	<20	0.48	<50	<10	200	<50	0.11	<50	<50	50	<50	30
KK1121	769.3	770.8	1.5	0.1	J444999		J444999	0.012	<1	3.4	<50	370	<10	<20	1.42	<10	10	40	<10	1.6	<50	1.3	<50	0.6	310	<10	3.69	10	420	<20	0.48	<50	<10	280	<50	0.11	<50	<50	50	<50	30
KK1121	770.8	772.3	1.5	0.1	J445000		J445000	0.015	<1	3.22	<50	500	<10	<20	1.54	<10	10	30	<10	1.57	<50	1.1	<50	0.59	340	<10	3.99	20	430	<20	0.4	<50	<10	310	<50	0.11	<50	<50	50	<50	30
KK1121	772.3	773.8	1.5	0.1	J445001		J445001	0.017	<1	2.86	<50	330	<10	<20	1.36	<10	10	30	<10	1.61	<50	1.2	<50	0.54	310	<10	3.68	10	450	<20	0.65	<50	<10	280	<50	0.1	<50	<50	50	<50	20
KK1121	773.8	775	1.2	0.1	J445002		J445002	0.023	<1	2.4	<50	360	<10	<20	1.59	<10	10	30	<10	1.69	<50	1.2	<50	0.54	360	<10	3.9	10	450	<20	0.82	<50	<10	300	<50	0.1	<50	<50	50	<50	30
KK1121	775	776.1	1.1	1	J445003		J445003	0.032	<1	2.38	<50	330	<10	<20	1.7	<10	10	40	80	1.72	<50	1.1	<50	0.64	390	<10	3.6	10	440	<20	0.86	<50	<10	270	<50	0.09	<50	<50	50	<50	20
KK1121	776.1	777.5	1.4	0.1	J445004		J445004	0.08	<1	5.76	<50	410	<10	<20	6.15	<10	30	590	580	5.67	<50	1.9	50	4.73	1210	<10	0.23	160	2190	<20	0.16	<50	20	560	<50	0.26	<50	<50	150	<50	130
KK1121	777.5	778.9	1.4	0.1	J445005		J445005	0.006	<1	5.72	<50	310	<10	<20	6.23	<10	30	720	20	4.8	<50	1.8	<50	4.49	1100	<10	0.59	180	1620	<20	0.19	<50	20	550	<50	0.23	<50	<50	140	<50	110
KK1121	778.9	780.3	1.4	0.1	J445006		J445006	0.007	<1	6.31	<50	290	<10	<20	6.78	<10	40	590	50	6.09	<50	1.9	<50	5.21	1290	<10	0.09	130	2250	<20	0.15	<50	30	650	<50	0.34	<50	<50	180	<50	140
KK1121	780.3	781.8	1.5	2	J445007		J445007	0.028	<1	2.59	<50	240	<10	<20	1.16	<10	10	40	10	1.94	<50	1.2	<50	0.79	310	<10	3.61	10	460	<20	0.83	<50	<10	250	<50	0.08	<50	<50	40	<50	30
KK1121	781.8	783.3	1.5	2	J445008		J445008	0.038	<1	2.55	<50	310	<10	<20	1.15	<10	10	40	<10	1.67	<50	1.1	<50	0.61	270	<10	3.73	20	410	<20	0.92	<50	<10	240	<50	0.08	<50	<50	40	<50	30
KK1121	783.3	784.8	1.5	2	J445009		J445009	0.042	1	4.49	<50	520	<10	<20	1.59	<10	10	30	<10	1.96	<50	1.8	<50	0.62	310	<10	3.4	<10	480	<20	1.13	<50	<10	290	<50	0.06	<50	<50	50	<50	<20
KK1121	784.8	786.3	1.5	2	J445010		J445010	0.048	<1	3.68	<50	340	<10	<20	1.91	<10	10	30	<10	1.84	<50	1.2	<50	0.63	350	<10	4.34	<10	400	<20	1	<50	<10	380	<50	0.06	<50	<50	40	<50	<20
KK1121	786.3	787.4	1.1	2	J445011		J445011	0.032	<1	3.77	<50	690	<10	<20	1.54	<10	10	30	<10	1.87	<50	1.8	<50	0.52	290	<10	3.18	<10	430	<20	0.97	<50	<10	320	<50	0.06	<50	<50	50	<50	<20
KK1121					J445012	Blank	J445012	<0.005	<1	0.11	<50	<50	<10	<20	31	<10	<10	<10	<10	0.23	<50	0.1	<50	2.77	120	<10	0.05	<10	90	<20	<0.05	<50	<10	60	<50	<0.05	<50	<50	<10	<50	<20
KK1121	787.4	788.5	1.1	2	J445013		J445013	0.025	<1	3.56	<50	400	<10	<20	1.92	<10	10	30	<10	1.72	<50	1.5	<50	0.61	340	<10	3.58	<10	370	<20	0.66	<50	<10	340	<50	0.06	<50	<50	40	<50	<20
KK1121	788.5	789.5	1	2	J445014		J445014	0.021	<1	4.25	<50	410	<10	<20	1.83	<10	10	30	<10	1.64	<50	1.4	<50	0.59	320	<10	3.9	<10	380	<20	0.51	<50	<10	340	<50	0.07	<50	<50	40	<50	<20