



Night Hawk Lake Property Drill Report  
Timmins, Ontario

2.55552

Stephen Harding, P. Geo  
Exploration Geologist  
Porcupine Gold Mines  
December 3, 2014

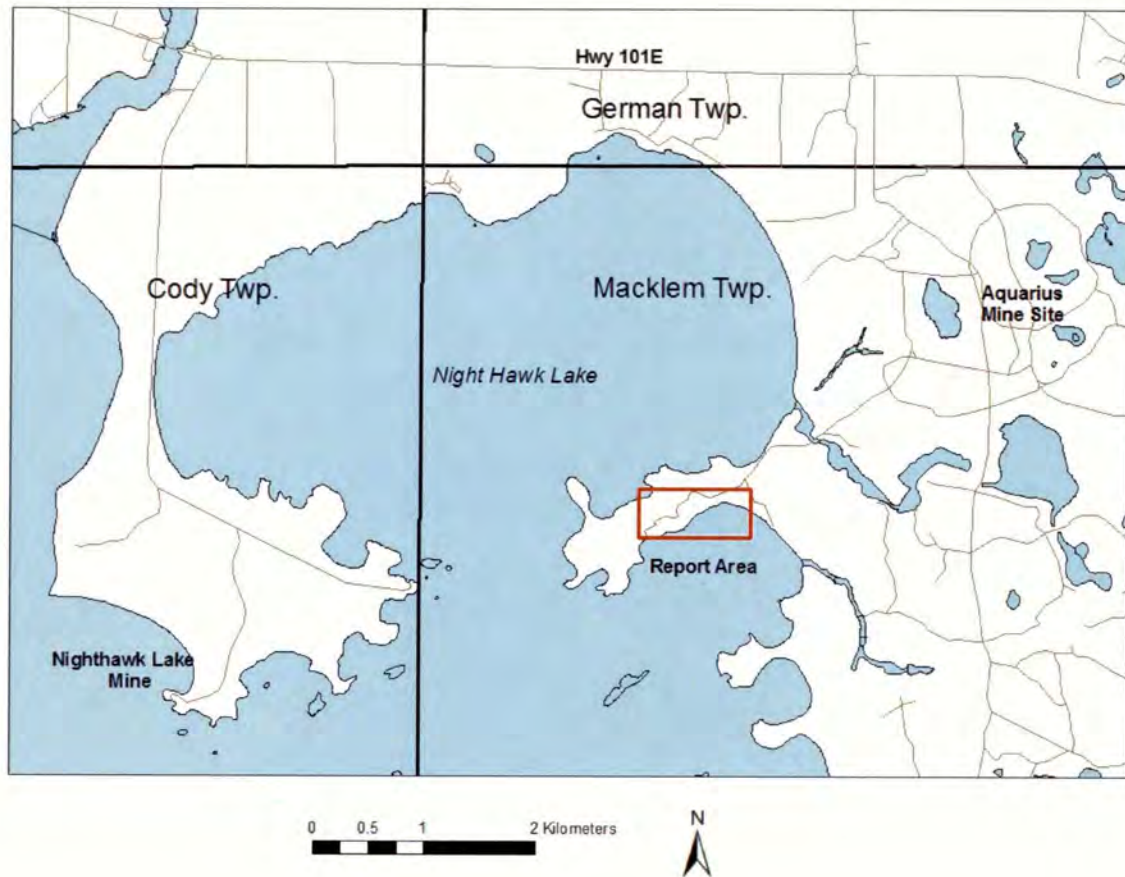
## **1.0 Introduction and Summary**

Twenty diamond drill holes totalling 9763 meters were drilled by Porcupine Gold Mines on mining claims P12580, P12581, P12582, P12583, P53644, and P567201. The drilling was carried out between February 1, 2013 and April 17, 2013.

These claims are part of the contiguous group that comprise the Ronnoco South Area, part of the Night Hawk Lake Property, and are located in Macklem Township, Ontario.

Access to the property was obtained by driving approximately 35kms east from Timmins on Hwy 101E, and then south by private mine road through the old Aquarius Mine site.

This work was supervised by the author of this report: Stephen G. Harding, P. Geo., Exploration Geologist, Goldcorp Canada Ltd., Porcupine Gold Mines, 4315 Gold Mine Road, South Porcupine, ON., P0N 1H0.



**Figure 1: Night Hawk Lake Property Location Map**

## **2.0 Summary of Geology and Exploration Work**

The Night Hawk Lake area has had an extensive exploration and development history dating back to 1909. The eastern part of the lake, where the Ronnoco South deposit is located, has seen several drilling programs dating back to the 1930's. The more recent programs include Royal Oak Mines in the mid 1990's, and 59 holes drilled by Goldcorp Canada Ltd (Porcupine Joint Venture) immediately west of Ronnoco South in 2002.

## **3.0 References**

Leahy, E.H., 1971. Geology of the Night Hawk Lake area, District of Cochrane; Ontario Dept. of Mines and Northern Affairs, GR96, 74p.

## Statement of Qualifications

I, Stephen G. Harding, residing at 1124 Jaguar Dr., Timmins, ON, do hereby certify that:

- 1) I am currently employed as an Exploration Geologist by Goldcorp Canada Ltd. – Porcupine Gold Mines
- 2) I am a member of the Association of Professional Geoscientists of Ontario, #1128
- 3) I graduated from the University of Western Ontario in London, ON with a B. Sc. (Hons) in Geology in 1987
- 4) I supervised the exploration activities in the Night Hawk Lake area during 2013

Signed at Timmins, Ontario, December 3, 2014



Stephen G. Harding, P. Geo.  
Exploration Geologist  
Goldcorp Canada Ltd.  
Porcupine Gold Mines

**APPENDIX**

**Geological Legend**

**DRILL LOGS**

RN13-03  
RN13-06  
RN13-07  
RN13-08  
RN13-11  
RN13-12  
RN13-13  
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**Assay Certificates**

**POCKET**

**Drill Plan Map**

**Drill Hole Sections**

# PGM GEOLOGICAL LEGEND 10th July 2012 (version 10)

Major Lithology		Major Lithology		Textural Fields		Structural Fields		Alteration Fields		Veining Fields		Mineral Fields				
BT	Breakthrough, Void	UP	Ultramafic Intrusive Rocks	AMY	Amygdaloidal	BD	Bedded	AB	Albitization	AB	Albite	AB	Albite			
CAS	Casing	1	Thonolite	BLD	Bladed	BND	Banded	AM	Amphibolization	AK	Ankerite	AK	Ankerite	AC	Actinolite	
FZ	Fault gouge (not fault zone)	2	Dunite	BX	Breccia	BKY	Blocky	AK	Ankeritization	CA	Calcite	CA	Calcite	AG	Silver	
GC	Ground Core	3	Hornblende	CND	Conorted	BOU	Boudinaged	BI	Biotitization	CB	Carbonate	CB	Carbonate	AH	Arhydrite	
LC	Lost Core	4	Pyroxenite	COB	Cobble	BX	Breccia	BL	Bleached	EP	Epidote	EP	Epidote	AK	Ankerite	
LR	Lost Rods / Steel	CS	Chemical Metasediments	CST	Clast	BKD	Brecciated	C	Carbonaceous	HE	Hematite	AS	Arsenopyrite	AS	Arsenopyrite	
NL	Not Logged	1	Limestone	FBX	Flow Breccia	CT	Contact	CA	Calcification	MT	Magnetite	AU	Gold	AU	Gold	
OB	Overburden	2	Dolostone	FEL	Feldspathic	CNT	Contorted	CB	Carbonatization	PY	Pyrite	BA	Barite	BA	Barite	
RG	Regolith	3	Gypsum	FRAG	Fragmental	CRN	Crenulated	CL	Chloritization	QZ	Quartz	BI	Biotite	BI	Biotite	
UNK	Unknown or Protolith Unidentifiable	4	Salt	GLOM	Glomerophytic	DSC	Disc	DO	Dolomitization	TO	Tourmaline	CA	Calcite	CA	Calcite	
SZ	Not to be used, shear zone	5	Marble	HTRO	Heterolithic	FD	Fold	EP	Epidolitization	AB-CB	Albite-Carbonate	CL	Chlorite	CL	Chlorite	
QV	QUARTZ VEIN	6	Chert	HYAL	Hyaloclastite	FL	Flow	FU	Fuchsilic	AK-QZ	Ankerite-Quartz (includes Dome grey ankerite vein)	CP	Chalcopyrite	CP	Chalcopyrite	
HS	Huronian Supergroup	IF	Iron Formation	HXB	Heterolithic breccia	FLY	Fault, Fault Zone	GS	Green Sericitization	QZ-AB	Quartz-Albite	CR	Chromite	CR	Chromite	
TE	Tectonites	CB	Carbonate Facies	HYBX	Hydrothermal breccia	FOL	Foliation	QZ	Quartz (carbonaceous alteration zone)	QZ-AB	Quartz-Albite	DO	Dolomite	DO	Dolomite	
1	Mylonites	CI	Oxide Facies	LAP	Lapilli	FRA	Fracture	HE	Hematization	QZ-CA	Quartz-Calcite	DR	Dravite	DR	Dravite	
2	Protomylonites	SI	Silicate Facies	LITH	Litic	G	Gouge	K	Potassic	QZ-CA	Quartz-Calcite	EP	Epidote	EP	Epidote	
GN	Migmatites & Gneiss	Su	Sulphide Facies	M	Massive	JNT	Joint	LX	Leucosene	QZ-CB	Quartz-Carbonate	FU	Fuchsite	FU	Fuchsite	
1	Biotite Gneiss	SS	Clastic Metasediments	MX	Matrix-supported	LAM	Laminated	KA	Kaolinization	QZ-FU	Quartz-Fuchsite	GA	Galena	GA	Galena	
2	Quartzofeldspathic Gn	1	Quartz	PBX	Pillow Breccia	LN	Lineation	MG	Magnetite	QZ-TO	Quartz-Tourmaline	GP	Graphite	GP	Graphite	
3	Orthogneiss	2	Conglomerate (dark brown)	PEB	Pebble	SHR	Shear, Shear zone	SE	Sericitization (yellow, buff, tan)	BX	Breccia Vein	GT	Garnet	GT	Garnet	
4	Paragneiss	3	Arkose	PIL	Pillowed	SLK	Stickenside	SI	Silicification	GQ	Grey Quartz	HE	Hematite	HE	Hematite	
5	Pelitic To Semi Pelitic Gneiss	4	Sandstone	PM	Polymictic	SLP	Slip	SR	Serpentinization	MV	Massive Vein	JP	Jasper	JP	Jasper	
FP	Felsic Intrusive Rocks	5	Siltstone	POR	Porphyritic	VUG	Vuggy	TC	Talcosse	RB	Ribboned Vein	LM	Limonite	LM	Limonite	
1	Tonalite	6	Greyish-blue Argillite	PRB	Porphyroblastic	Other Fields	AZ	Alteration Zone	TO	Tourmalinization	STR	Stringers	MC	Malachite	MC	Malachite
2	Granodiorite	7	Greywacke	PS	Polysutured	FG	Fine Grained	W	Weak	SHT	Sheeted Vein	MN	Manganese Oxides	MN	Manganese Oxides	
3	Granite	8	Argillite	QTE	Quartzose	SCH	Schistose	M	Moderate	STW	Stockwork	MO	Molybdenite	MO	Molybdenite	
4	Alkali Feldspar Granite	9	Slate	SFX	Spiriflex	SCH	Schistose	S	Strong	STY	Stylolitic Vein	MT	Magnetite	MT	Magnetite	
5	Syenite	10	Graphitic Argillite	SPH	Spherulitic	DSS	Disseminated	Colour Fields	SHV	Shear vein	MU	Muscovite/hydromuscovite	MU	Muscovite/hydromuscovite		
6	Monzonite	SP	Clastic Metasediments	TUF	Tuffaceous	FMG	Fine-Medium Grained	BL	Black	TNV	Tension vein	OL	Olivine	OL	Olivine	
7	Pignatite Dior	Porcupine Group	UNS	Unsubdivided	VAR	Variolitic	FCG	Fine-Coarse Grained	BR	Brown	WO	White Quartz	OR	Orthoclase	OR	Orthoclase
8	Apilite Dior	1	Conglomerate (light brown)	VES	Vesicular	INT	Intermediate	BL	Blue	BN	Black	PO	Pyrrhotite	PO	Pyrrhotite	
9	Abitite Dior	2	Ithology / numbers the same as above	AGG	Agglomerate >64mm	LOC.L	Locally (Local) Eg Lmag	BR	Brown	BR	Brown	PY	Pyrite	PY	Pyrite	
10	Felsite Dior	1, 3-10	Ithology / numbers the same as above	TBX	Tuff Breccia >64mm	MAG	Magnetic	GN	Green	GN	Green	QZ	Quartz	QZ	Quartz	
11	Quartz-Feldspar Porphyry	ST	Clastic Metasediments	LAPT	Lapilli Tuff >4mm	MOD	Moderate	GY	Grey	GY	Grey	SB	Sibirite	SB	Sibirite	
12	Feldspar Porphyry	Timiskaming Group	4	Conglomerate (grey)	CAT	Coarse Ash Tuff <1/16mm-2mm	PV	Pervasive	GN	Green/Grey	SC	Schorl	SC	Schorl		
13	Quartz Porphyry	1	Rhyolite	AGG	Agglomerate >64mm	RBL	Rubble	OLGN	Olive Green	OR	Orange	SD	Siderite	SD	Siderite	
14	Porphyry	2	Rhyodacite	TBX	Tuff Breccia >64mm	SM	Semi-Massive	PK	Pink	PK	Pink	SE	Sericite	SE	Sericite	
15	Tephromylonite	3	Dacite	FAT	Fine Ash Tuff <1/16mm	ST	Strong	RED	Red	RED	Red	SH	Scheelite	SH	Scheelite	
AP	Alkalic Intrusive Rocks	VI	Intermediate Metavols	PYRO	Pyroclastics	VST	Very Strong	TAN	Tan	TAN	Tan	SP	Sphalerite	SP	Sphalerite	
1	Kimberlite	1	Andesite	FL	Fill in underground void	WK	Weak	WH	White	WH	White	TC	Talc	TC	Talc	
2	Lampoprophyre Dior	2	Trachyte	1	Classified tailings +/- layers of cement	Foliation Intensity	1	Weak			TO	Tourmaline	TO	Tourmaline		
3	Anorthosite	3	Lafite	2	Paste	1	Weak			TR	Tremolite	TR	Tremolite			
4	Anorthosite Gabbro	VM	Mafic Metavolcanics	3	Loose rock	2	Moderate									
5	Nepheline Syenite	1	High Fe Basalt	4	Sand and/or gravel	3	Strong									
6	Alkalic Syenite	2	High Mg Basalt													
7	Carbonatite	3	Basalt (geochemical code OFILY)													
8	Fenite	UM	Ultramafic Metavolcanics													
9	Ipilite	1	Basaltic Gneiss													
MP	Mafic Intrusive Rocks	2	Basaltic Gneiss													
1	Gabbro	3	Basaltic Gneiss													
2	Norite	FL	Fill in underground void													
3	Hornblende	1	Classified tailings +/- layers of cement													
4	Pyroxenite	2	Paste													
5	Amphibolite	3	Loose rock													
6	Diorite	4	Sand and/or gravel													
7	Diatase	5	Slag													

VG visible gold noted (historical)  
 VG1 trace (1 or 2 pin prick specks)  
 VG2 a bit (3-10 pin prick specks)  
 VG3 lots (10+ pin prick specks or equivalent)

Survey				Remarks
Depth(m)	Depth(m)	Azimuth	Dip	
	0.00	360	-63	
	60.00	357.9	-63.9	
	111.00	357.7	-64.4	
	182.00	358.1	-64.3	
	213.00	356.9	-64.2	
	264.00	359.4	-63.9	
	315.00	1.9	-63.6	
	350.00	2.2	-63.7	

Hole # **RN13-03**

Claim No. P567201, P12581

Location

Grid utm27 Easting 506403.4 Northing 5372763.7 Elevation 290.44 Drill Contractor Major Core Storage Dome core farm

Date 2/8/2013 Test EZ Shot Core Size NQ Logged By Saralyn Horvath Length (m) 350 Start Date 2/2/2013 End Date 2/10/2013 Remarks

Lithology				Assays												
From(m)	To (m)	Remarks	Lithology	Texture	Altn	From	To	Sample#	Au g/t	Veining	% QV	% Py	% Po	% Aspy	VG	Remarks
0.00	24.00		CAS			80.70	82.20	E795821	0.02			0.1				
24.00	55.50	Black; fine grained; magnetic; localized spinifex textures; gradational lower contact	UM	M	SR	82.20	83.60	E795822	0.02			0.1				
55.50	75.00	Dark greyish green; fine grained; serpentine/talc in cracks; few carb stringers, sample at 66 m sent for LIBS - thought sample was VM1 but high Cr and Ni values	UM	M	CL	83.60	84.10	E795823	0.01			0.1				alteration zone possible dyke?
						84.10	84.60	E795825	0.04			0.1				
75.00	78.00	Ultramafic fault zone; chloritized; serpentinized and weakly talcose	FZ		CL	84.60	86.10	E795826	0.00			0.1				
78.00	82.20	Black; fine grained; magnetic; moderate to hard unit; trace py; gradational lower contact	UM	M	SR	229.50	231.00	E795827	0.00			0.25				
82.20	84.10	Dark green; fine grained; with albite sections which are bleached; possible alteration zone from small albitic dyke at ~ 83.6-84.1 m - contacts hard to distinguish but very aphanitic; thought unit was VM1 but similar unit at 66 m sent for LIBS	UM		AB	231.00	232.20	E795829	0.00			0.25				
						232.20	232.70	E795830	0.00			1				irregular silicified dyke at 232.3-232.5 m
84.10	95.30	Dark grey; fine grained; talcose ultramafic within cracks; little albite at top of unit, somewhat more ultramafic at end of unit; sharp lower contact but broken; thought unit was VM1 but similar sample at 66 m sent for LIBS	UM	M	AK	232.70	233.60	E795831	0.77			0.25				
						233.60	234.20	E795832	0.00			5				
						234.20	235.70	E795833	0.00			0.75				irregular stringers
95.30	105.00	Green; fine grained with medium clasts; very hard unit; weak bedding; few carb stringers; trace py	VI	FAT	AB	235.70	237.10	E795834	0.00	QZ	QZ-CA	0.75				irregular stringers
105.00	111.00	Green; fine grained with medium grained clasts; very hard; approx less than 1 m of core; trace py	VI	FAT	AB	237.10	238.50	E795835	0.04	QZ		1				weak fuschite
111.00	154.80	Green; fine grained with angular clasts up to 3 cm wide; very hard unit; trace py; weak grading; possible flame structure at 153.77; sharp broken lower contact	VI	FAT	AB	238.50	239.20	E795836	0.01			2				15 cm porphyritic syenite in ultramafics
154.80	167.90	Very dark green to black; fine grained; soft unit; several carb stringers; very weakly magnetic; trace py	UM	M	TC	239.20	239.90	E795837	0.01	QZ		1.25				15 cm syenite in ultramafics;
167.90	168.80	Black; fine grained; trace py; UC at 40 TCA; LC somewhat irregular	AP2	M	BI											pyrite primarily in syenite
168.80	233.60	Dark green-grey to black; fine grained; trace py; moderately soft unit; weakly magnetic to locally moderate mag which seems to increase downhole; 20 cm albitized porphyry dyke at 178.1m; 217.3 small gouge; irregular silicified dyke at 232.3-232.5 m	UM	M	TC	239.90	240.50	E795838	0.01	QZ-CA		0.25				stringer is 4 mm at 40 TCA
						240.50	240.90	E795839	0.11	QZ		3				0.5 cm at 40 TCA and
233.60	234.20	Dark grey; fine grained; sharp contacts; up to 6% fine grained py at contacts; last 15 cm has up to 4% coarse grained py	MP		AK	240.90	241.80	E795841	0.57	QZ		1				crosscutting irreg stringer
234.20	239.90	Dark green (to dark beige caused by ankerite alt); fuschite alteration increases downhole; few qtz veins and qtz carb veins; trace py overall; 15 cm porphyry dykes at 238.5 and at 239.7m	UM	M	AK	241.80	242.60	E795842	0.25	QZ		3				0.5 cm stringer - 40 and several fine stringers
239.90	240.50	Bright green; fine grained; trace py overall; sharp irregular contact with syenite	UM	M	FU											several bull white qtz stringers (usually parallel) which crosscut fine stringers
240.50	244.70	Beige to olive green; fine grained to aphanitic; brecciated sections; qtz veins at no preferential orientation; locally up to 8% py; trace galena	FP5		AB	242.60	243.70	E795844	0.17	QZ		1				irregular
244.70	245.70	Pink; fine grained; phaneritic; up to 8% py locally	FP5		AB	243.70	244.70	E795845	0.08	QZ		1				slightly irregular
245.70	246.30	Dark green; fine grained; somewhat hard unit; contacts are baked; upper contact at 50 TCA; lower contact is irregular	UM	PS	AK	244.70	245.70	E795846	0.81			2.5				pink syenite
						245.70	246.30	E795847	0.00			0.1				
246.30	246.80	Pink; fine grained; phaneritic; up to 3% py locally; lower contact is chilled and irregular	FP5		AB	246.30	246.80	E795848	0.06	QZ		0.5				pink syenite
246.80	251.00	Dark green; fine grained; moderately hard unit; weakly fuschite which increases near lower contact; lower contact is baked irregular at approx 70-80 TCA	UM	PS	AK	246.80	247.80	E795849	0.01			0.25				
						247.80	249.00	E795850	0.00			0.25				
251.00	254.60	Light grey/green; fine grained to aphanitic; 5-10% overall; very hard unit; several <1 cm stringers; lower contact is irregular and chilled	FP9	M	AB	249.00	250.00	E795851	0.00			0.1				
						250.00	251.00	E795853	0.00			0.1				
254.60	256.80	Dark green to black; fine grained; trace py overall; moderately hard unit	UM	PS	AK	251.00	252.00	E795854	0.02	QZ		8				3 mm at 20 TCA
256.80	278.00	Dark green to black; fine grained; trace py overall; locally weakly magnetic; 275.9-276.5 m somewhat massive; foliated at 50 TCA from 276.5 - end of unit; lower contact at 50 TCA - foliation crosscut by porphyry	UM	PS	AK	252.00	252.40	E795855	0.04	QZ		10				irregular stringers
						252.40	253.20	E795857	0.03	QZ		4				few stringers crosscutting
278.00	280.70	Dark grey with little pink tinge; pink potassic alteration halos around quartz stringers; specks of VG in 5 different stringers; 1-3% py overall; upper contact at 50 TCA and cross cuts foliation of UM which is also at 50 TCA; lower contact is broken	MP6	POR	K											irregular stringer running subparallel TCA
						253.20	253.50	E795858	0.04	QZ		4				irregular bull white qtz vein; py concentrated mainly in wall rock
280.70	331.40	Dark grey to black with slight green tinge; fine grained; weak ank alteration decreases downhole and talc increases; trace py overall; few carb-qtz stringers; lower contact somewhat irregular	UM	PS	TC	253.50	254.80	E795859	0.04	QZ		8				several fine stringers approx parallel
331.40	332.60	Black; fine grained; weaker biotization than common lamp dykes; trace py overall; carb stringers; few short sections of ultramafic; lower contact at 40 TCA	AP2	M	BI	254.80	255.70	E795860	0.00			0.1				
332.60	333.10	Very dark green to black; fine grained; trace py; irregular carb stringer; lower contact with lamp dyke very irregular	UM	PS	TC	255.70	256.80	E795861	0.00			0.1				
						256.80	258.00	E795862	0.01			0.1				
333.10	335.90	Black; fine grained; weaker biotization than common lamp dykes; trace py overall; carb stringers; few short sections of ultramafic; contacts are irregular but sharp	AP2	M	BI	258.00	259.50	E795863	0.00			0.1				
						259.50	261.00	E795864	0.03			0.75				
335.90	350.00	Very dark green to black; fine grained; trace py overall; few irregular carb-qtz stringers; somewhat soft unit; few massive sections	UM	PS	TC	261.00	262.50	E795865	0.00			0.25				
						262.50	264.00	E795866	0.00			0.25				
						264.00	265.50	E795867	0.00			0.1				
						265.50	267.00	E795869	0.01			0.1				
						267.00	268.50	E795870	0.00			0.25				
						268.50	270.00	E795871	0.00			0.25				
						270.00	271.50	E795872	0.01			0.25				
						271.50	273.00	E795873	0.00			0.1				

Survey				
Depth(m)	Depth(m)	Azimuth	Dip	Remarks
	0.00	360	-63	
	60.00	357.9	-63.9	
	111.00	357.7	-64.4	
	162.00	358.1	-64.3	
	213.00	356.9	-64.2	
	264.00	359.4	-63.9	
	315.00	1.9	-63.6	
	350.00	2.2	-63.7	

Hole # **RN13-03**

Claim No. P567201, P12581

Location

Grid utm27 Easting 506403.4 Northing 5372763.7 Elevation 290.44 Drill Contractor Major Core Storage Dome core farm

Date 2/8/2013 Test EZ Shot Core Size NQ Logged By Saralyn Horvath Length (m) 350 Start Date 2/2/2013 End Date 2/10/2013 Remarks

Lithology

Assays

From(m)	To (m)	Remarks	Lithology	Texture	Altn	From	To	Sample#	Au g/t	Veining	% QV	% Py	% Po	% Aspy	VG	Remarks
						273.00	274.50	E795874	0.00			0.1				
						274.50	275.90	E795875	0.01			0.25				
						275.90	277.40	E795876	0.31			0.1				
						277.40	278.00	E795878	0.01			0.1				
						278.00	278.50	E795879	0.85	QZ		2.5			VG1	7 mm stringer at 40 TCA with broken splay of 3mm with speck of VG, 2 cm broken vein at 50 TCA
						278.50	279.10	E795881	5.64	QZ		2.5			VG2	1 cm at approx 55 TCA, followed by 4 irregular stringers with total of 5 pin pricks VG, 3 in one stringer, 2 in another
						279.10	279.60	E795882	1.08	QZ		1			VG1	speck of VG in fine potassic stringer
						279.60	280.20	E795884	2.00	QZ		3.5				1.5 cm stringer at 75 TCA; several fine stringers
						280.20	280.70	E795885	1.11	QZ					VG1	few irregular stringers
						280.70	281.30	E795886	0.00			0.25				
						281.30	282.30	E795887	0.00			0.25				
						282.30	283.80	E795888	0.01			0.1				



Survey				Remarks
Depth(m)	Depth(m)	Azimuth	Dip	
	0.00	360	-75	Az adjusted
	21.00	2.5	-74.6	
	72.00	1.7	-74.8	
	123.00	1.4	-74.8	
	174.00	0.9	-74.9	
	225.00	359.6	-75.3	
	276.00	359.1	-75.2	
	327.00	359.3	-75	

Hole # **RN13-06**

Claim No. P567201, P12581

Location

Grid utm27 Easting 506514.0 Northing 5372716.9 Elevation 287.20 Drill Contractor Major Core Storage Dome core farm

Date 2/28/2013 Test EZ Shot Core Size NQ Logged By Saralyn Horvath Length (m) 600 Start Date 2/11/2013 End Date 2/20/2013 Remarks

Lithology			Assays													
From(m)	To (m)	Remarks	Lithology	Texture	Altn	From	To	Sample#	Au g/t	Veining	% QV	% Py	% Po	% Aspy	VG	Remarks
0.00	12.00	Dark green to black; fine grained; trace pyrite overall; magnetic unit; few irregular qtz carb stringers; blocky from 77.2m-88m; unit primarily massive; but areas with polysutured textures	CAS			351.60	353.10	E795889	0.00			0.1				
12.00	116.50	Dark green to black; fine grained, somewhat soft; magnetic but weak in some areas; trace py overall; few carb-qtz stringers; green caused by serp with local chlorite; talc and serp weak in some areas	UM	M	SR	353.10	354.10	E795891	0.04			0.1				
116.50	171.00	Dark green to black; fine grained; minor bull white qtz stringer in main gouge; magnetic	UM	PS	TC	354.60	355.60	E795892	0.05			0.25				
171.00	171.50	Dark green to black; fine grained; trace py, magnetic, soft	FZ	M	TC	355.60	356.70	E795893	0.00			0.25				
171.50	174.50	Dark green to black; fine grained; broken unit, few qtz carb stringers; trace py	UM	M	TC	356.70	358.20	E795894	0.00			0.1				
174.50	176.10	Dark green to black; fine grained; magnetic unit; few qtz carb stringers; trace py overall; polysutured with massive sections	UM	M	TC	358.20	359.30	E795895	0.01			0.1				
176.10	203.00	Dark green to black; fine grained; magnetic unit; few qtz carb stringers; trace py overall; polysutured with massive sections	UM	PS	TC	359.30	360.20	E795897	0.03			0.5				
203.00	247.50	Dark green to black; fine grained; magnetic unit; few qtz carb stringers; trace py overall; few polysutured sections but mainly massive; lower contact is gradational	UM	PS	TC	360.20	361.00	E795898	0.03	QZ		2.5				
247.50	266.80	Dark green to black; fine grained; magnetic unit; few qtz carb stringers; trace py overall; few polysutured sections but mainly massive; lower contact is gradational	UM	M	TC	361.00	361.70	E795900	0.00	QZ		0.5				
266.80	280.00	Dark grey to green; fine grained; brecciated sections; few qtz carb stringers usually at 30-45 TCA; trace py, trace cp assoc with stringers lower contact is gradational	UM	M	CL	361.70	362.50	E795901	0.05	QZ		1				irregular stringers microfractured 3 cm at 40 TCA; two more stringers (new generation) at 30 TCA and 1 cm at 40 TCA
280.00	280.60	Dark green to black; fine grained; massive grading to more polysutured; trace py; few qtz - carb stringers/veins; magnetic unit; lower contact with dyke at 50 TCA	UM	PS	TC	362.50	363.20	E795902	0.07	QZ		0.75				crosscutting stringers <1 cm irregular stringers and ank flooding
280.60	280.60	Grey; fine to medium grained; little biotite; pervasively carb altered; chilled contacts; lower contact at 40 TCA	MP	CB	CB	363.20	363.80	E795903	0.06	QZ		1				two <1cm stringers at 40 TCA; 1cm at 30 TCA
280.60	293.00	Dark green to black; fine grained; massive and polysutured areas; trace py, few qtz carb stringers; locally magnetic	UM	PS	TC	363.80	364.90	E795905	0.20			0.5				
293.00	293.10	Gouge in ultramafic at approx 45 TCA	FZ	TC	TC	364.90	366.00	E795906	0.17	AK		0.5	0.1			
293.10	354.10	Dark grey to black; fine grained; serpentization seems to have graded out and now chloritized; trace py; few qtz carb stringers sometimes with associated cpy	UM	PS	TC	366.00	367.00	E795908	0.07			0.25				
354.10	354.60	Dark brown; fine grained; trace py, weak pervasive ankerite; hard unit; irregular contacts	UM	PS	TC	367.00	367.90	E795909	0.09			1.5				10 cm syenite; hosting most sulphides
354.60	360.20	Dark grey/green to black; fine grained; polysutured texture; trace py overall; weakly magnetic	UM	PS	TC	367.90	369.70	E795911	1.24	AK		0.75				
360.20	361.70	Dark grey to brown; fine grained; few qtz veins; up to 2.5% py, massive, mottled textures	UM	PS	AK	369.70	370.00	E795912	0.07	QZ		1				10 cm syenite hosting most of pyrite
361.70	363.80	Pink and beige syenite, very fine grained to aphanitic; qtz stringers usually around 30-40 TCA; ankerite stringers/veins running subparallel TCA; approx 0.5% py overall; locally up to 1%; hard unit; upper contact bounded by qtz vein	FP5	AB	AB	370.00	370.50	E795914	0.01	QZ		0.1				somehow irregular stringers at approx 30 and 40 TCA
363.80	366.00	Dark grey; fine grained; upper contact baked; trace py and cpy overall; irregular patches of syenite; magnetic unit	UM	M	AK	370.50	371.10	E795915	0.40	QZ		0.25				few irregular stringers
366.00	369.70	Dark beige to grey; fine grained; very brecciated unit with angular clasts; ankerite stringer running sub parallel TCA; trace py and cpy overall; two 10 cm lenses of syenite with up to 8% py	UM	M	AK	371.10	371.80	E795916	0.03	QZ		0.25				50/50 with syenite
369.70	371.10	Bright green; fine grained ultramafic with lenses of syenite; trace py - locally more in syenite; qtz stringers in syenite and finer in ultramafics	UM	PS	FU	371.80	372.40	E795917	0.15	QZ		0.75				three stringers; multiple generations
371.10	373.40	Olive green; fine grained; phaneritic; trace pyrite and galena overall; few fine qtz stringers; gradational contact with less sericitized coarser grained syenite	UM	PS	FU	372.40	373.40	E795918	0.48	QZ		1.5				two 0.5 cm stringers at 50 TCA
373.40	375.60	Light pink to slightly beige; fine grained groundmass with medium grained phenos; up to 3% py overall and trace galena; few qtz stringers; some very fine	FP5	POR	AB	373.40	374.00	E795919	1.70	QZ		4				irregular stringers; several very fine; multiple generational
375.60	377.00	Salmon pink; groundmass almost aphanitic to very fine grained; phenos fine grained; up to 10% coarse grained py with trace galena; very hard unit; few fine stringers	FP5	POR	AB	374.00	375.00	E795920	1.28	QZ		2.5				irregular stringers; several very fine; multiple generational
377.00	378.10	Light pink with olive green; porphyritic to almost pegmatitic texture; up to 5% py overall; trace galena overall; several fine stringers; lower contact is sharp and irregular; causing baked fuschitic lense in ultramafics	FP5	POR	AB	375.00	376.20	E795922	3.25	QZ		8				1 cm at 70 TCA; another fine stringer
378.10	379.50	Dark grey to black with few green (fuschitic) sections; fine grained; up to 1.5% py locally	UM	PS	AK	376.20	377.00	E795923	1.81	QZ		10				few very fine stringers
379.50	383.40	Bright green; fine grained; few qtz stringers; trace py overall; irregular lower contact	UM	PS	FU	377.00	377.50	E795924	3.92	QZ		5				irregular stringers
383.40	386.60	Olive green to light pink; porphyritic to almost pegmatitic texture; few generations of qtz flooding; up to 1% py overall with trace galena	FP5	POR	SE	377.50	378.10	E795927	0.01	QZ		3.5				fine quartz stringers
386.60	386.60	Pink; porphyritic to pegmatitic texture; 3-5% py overall with trace galena; abundant qtz flooding in different generations of stringers and veins; VG	FP5	POR	AB	378.10	378.80	E795928	0.00			0.25				5% irregular syenite
386.60	389.80	Bull white quartz; sharp irregular contacts with muscovite seams; trace py	QV	MV	AB	378.80	379.50	E795929	0.01	QZ		0.5				
389.80	398.80	Pink to green; porphyritic texture; pyrite and galena; few specks of VG; abundant quartz flooding in multiple generations - several stringers	FP5	POR	AB	379.50	380.50	E795931	0.08	QZ		0.25				
398.80	407.10	Green; porphyritic texture more prominent proximal to upper and lower contacts; fewer phenos elsewhere; quartz flooding and veining; pyrite and galena; few specks of VG	FP5	POR	SE	380.50	381.40	E795932	0.18	QZ		0.5				few stringers including some very fine
407.10	407.30	Bull white quartz vein; trace sulphides; contacts at 50 TCA are sharp	QV	MV	AB	381.40	382.40	E795933	0.18	QZ		0.5				irregular quartz flooding on less than half of core
			FP5	POR	SE	382.40	382.90	E795933	1.60	QZ		0.5				
			UM	PS	AK	382.90	383.80	E795934	0.22	QZ		1				
			UM	PS	FU	383.80	384.70	E795935	0.80	QZ		2				irregular vein and several fine stringers; multiple generations

Survey				Remarks
Depth(m)	Depth(m)	Azimuth	Dip	
	0.00	360	-75	Az adjusted
	21.00	2.5	-74.6	
	72.00	1.7	-74.8	
	123.00	1.4	-74.8	
	174.00	0.9	-74.9	
	225.00	359.6	-75.3	
	276.00	359.1	-75.2	
	327.00	359.3	-75	

Hole # **RN13-06**

Claim No. P567201, P12581

Location

Grid utm27 Easting 506514.0 Northing 5372716.9 Elevation 287.20 Drill Contractor Major Core Storage Dome core farm

Date 2/28/2013 Test EZ Shot Core Size NQ Logged By Saralyn Horvath Length (m) 600 Start Date 2/11/2013 End Date 2/20/2013 Remarks

Lithology						Assays										
From(m)	To (m)	Remarks	Lithology	Texture	Altn	From	To	Sample#	Au g/t	Veining	% QV	% Py	% Po	% Aspy	VG	Remarks
407.30	408.10	Green, porphyritic texture, pyrite and galena; some quartz veining/stringers; alteration (lower contact) is gradational	FP5	POR	SE	384.70	385.60	E795936	0.29	QZ		1.25				
408.10	409.80	Pink to bright pink in areas; with little green; porphyritic texture, pyrite and galena; several qtz stringers; few specks of VG	FP5	POR	AB											
409.80	409.90	Bull white quartz vein; irregular contacts somewhat broken; trace py	QV	MV		385.60	386.20	E795937	0.59	QZ		1				
409.90	410.50	Pink; porphyritic texture; pyrite and galena; few quartz stringers; cemented cracks from neighbouring fault	FP5	POR	AB	386.20	387.00	E795938	1.45	QZ		1.5				
410.50	410.60	Fault zone	FZ													
410.60	451.90	Pink to green; porphyritic texture with zoned feldspars; pyrite and galena; several extensional quartz stringers and veins which decrease intensity downhole; some veining with small specks of tourmaline; ser locally moderate intensity; specks of VG	FP5	POR	AB	387.00	387.30	E795939	0.60	QZ		1				
451.90	453.20	Olive green; fine grained with few medium grains; mainly irregular quartz; VG; py up to 2%; lower contact at low angle over ~15-20 cm and somewhat irregular but sharp	FP5	POR	SE	387.30	388.30	E795941	1.72	QZ		3.5				
453.20	454.40	Bright green; fine grained ultramafic with sharp irregular contacts with albite dyke in lower half of unit; albite dyke is beige; fine grained; few irregular stringers and veins; overall trace py	UM	PS	FU	388.30	389.00	E795942	1.43	QZ		3				
454.40	456.00	Beige; fine grained, mainly phaneritic; up to 4% py locally; lower contact is hard to fully distinguish	FP9	AB	AB	389.00	389.50	E795943	3.65	QZ		5				
456.00	466.20	Dark grey to somewhat green; fine grained; pillows and varioles; few irregular carb/qtz stringers; trace sulphides	VM1	PIL	CL	389.50	390.40	E795944	1.02	QZ		4				
466.20	466.80	Dark greenish grey to beige associated with breccia; fine grained; up to 3% py locally; sharp lower contact at 50 TCA	VM1	PIL	AK	390.40	391.00	E795946	0.94	QZ		5				
466.80	467.10	Pink; porphyritic texture; mainly fine to medium grained; up to 5% py; lower contact sharp at 50 TCA and crosscut by qtz stringers	FP5	POR	AB	391.00	391.50	E795947	0.88	QZ		5				
467.10	468.20	Dark greenish grey to beige, heavily brecciated; fine grained; ~15 cm syenite at 467.9 m with quartz stringer; 1-2% py	VM1	PIL	AK	391.50	392.00	E795948	1.85	QZ		4				
468.20	471.20	Dark greenish grey to beige, heavily brecciated; fine grained; ~15 cm syenite at 467.9 m with quartz stringer; 1-2% py	VM1	PIL	AK	392.00	392.30	E795949	1.31	QZ		1.5			VG1	irregular stringers crosscutting each other, counted at least 3 generations of quartz; few specks VG associated with galena and py; some free gold irregular stringers crosscutting each other
471.20	493.60	Dark green to black; fine grained; trace sulphides; few qtz stringers	UM	PS	TC	392.30	392.80	E795951	0.58	QZ		3.5				
493.60	498.30	Dark green to black; fine grained ultramafics. Sharp irregular contacts (flow like) with short mafic dykes? Dykes are black; fine grained, have coarse grained py. Small gouge at 495.5m	UM	PS	TC	392.80	393.80	E795952	1.70	QZ		3				
498.30	507.30	Dark green to black; fine grained. Trace py overall; few qtz stringers	UM	PS	TC											
507.30	507.60	White quartz vein with carb. Dark green to black; fine grained ultramafics in approx 20% with talc alteration	QV		CB	393.80	394.80	E795953	1.03	QZ		5				
507.60	514.00	Dark green to grey; fine grained; trace sulphides; few quartz-carb stringers	UM	PS	TC	394.80	395.80	E795954	0.95	QZ		2.5				
514.00	519.90	Dark green to black; fine grained; sharp contacts with sediments which seem brecciated in many areas; sediments range from very short intervals to 60 cm intervals; usually irregular	UM	PS	TC	395.80	396.60	E795955	1.36	QZ		2.5				
519.90	541.90	Dark green to black; fine grained ultramafics with short somewhat irregular lamp dykes up to 60 cm with sharp contacts; weak talc and chl in ultramafics; zoned? textures in lamp dyke with carb alt; 534.8-536.1m few short seds intervals	UM	PS	TC	396.60	396.90	E795956	0.28	QZ		1.5				
541.90	543.70	Dark grey to black; fine grained; few carb stringers; up to 1% py; sharp irregular UC; lower contact is at 40 TCA	MP													
543.70	548.10	Dark green to black; fine grained; talc strong at beginning of unit with gouge; few qtz carb stringers; trace sulphides	UM	PS	TC	396.90	397.20	E795957	2.17	QZ		1.5				
548.10	549.20	Dark grey to black; fine grained; coarse grained euhedral py up to 3%; upper contact defined by py; lower contact sharp at 60 TCA	MP			397.20	397.50	E795958	6.58	QZ		3.5			VG1	stringers and fine stringers crosscutting each other
549.20	588.70	Dark green grey; fine grained; trace sulphides; mafic dykes at 553.3-553.5m and 570.15-570.3 m; rare brecciated sediments; weakly magnetic	UM	PS	TC											
588.70	589.30	Black; fine grained lamp dyke with intervals of ultramafics; approx 2% py; weak carb alt; UC at 60 TCA; LC at approx 60 TCA	AP2		BI											
589.30	591.10	Mafic Dyke? dark green to grey; fine grained; 2-3% py; weakly magnetic; lower contact hard to distinguish	MP													
591.10	600.00	Dark green; fine grained; up to 2% py locally; few qtz carb stringers/veins; irregular; greywacke at 593.6-593.8m; 600m EOH	UM	M	TC	397.50	398.10	E795960	1.06	QZ		4				
						398.10	398.80	E795961	1.61	QZ		1				

Survey				Remarks
Depth(m)	Depth(m)	Azimuth	Dip	
	0.00	360	-75	Az adjusted
	21.00	2.5	-74.6	
	72.00	1.7	-74.8	
	123.00	1.4	-74.8	
	174.00	0.9	-74.9	
	225.00	359.6	-75.3	
	276.00	359.1	-75.2	
	327.00	359.3	-75	

Hole # **RN13-06**

Claim No. P567201, P12581

Location

Grid utm27 Easting 506514.0 Northing 5372716.9 Elevation 287.20 Drill Contractor Major Core Storage Dome core farm

Date 2/28/2013 Test EZ Shot Core Size NQ Logged By Saralyn Horvath Length (m) 600 Start Date 2/11/2013 End Date 2/20/2013 Remarks

Lithology

Assays

From(m)	To (m)	Remarks	Lithology	Texture	Altn	From	To	Sample#	Au g/t	Veining	% QV	% Py	% Po	% Aspy	VG	Remarks
						398.80	399.90	E795963	0.98	QZ		1				quartz flooding on less than half of core at low angle TCA; few irregular stringers; few generations couple generations of quartz stringers crosscutting each other; other fine stringers
						399.90	400.60	E795964	1.41	QZ		1.5				few generations of irregular stringers; specks of tourmaline?; fine grained syenite
						400.60	401.00	E795965	0.36	QZ		0.5				approx 9 cm irregular vein with several plays at low angles TCA; finer grained syenite
						401.00	401.80	E795966	0.04	QZ		0.25				5 mm stringer at 35 TCA crosscutting irregular qtz carb stringer; finer grained syenite
						401.80	402.20	E795967	0.18	QZ			0.5			1 cm stringer at 30 TCA which has crosscut and offset two other stringers; 4 specks VG at intersection with another very fine stringer and latest vein; finer grained syenite; few other stringers approx parallel to earlier stringers
						402.20	402.50	E795968	5.28	QZ		0.25			VG1	several parallel fine stringers; one bull white irregular stringer crosscutting some of the stringers downhole; py at intersection; py in wr and in some fine stringers with tourmaline? specks
						402.50	403.00	E795970	0.09	QZ		0.5				quartz flooding over half of sample on half of core at low angles TCA; stringers crosscutting each other in other half of sample. finer grained syenite
						403.00	403.70	E795971	0.22	QZ		0.25				series of stringers running approximately parallel at 20-50 TCA crosscutting few stringers; finer grained syenite
						403.70	404.30	E795972	0.19	QZ		0.25				irregular stringers and 3 cm vein; finer grained syenite
						404.30	405.00	E795973	0.17	QZ		0.5				two crosscutting stringers; one offset; few other fine stringers
						405.00	405.30	E795974	0.25	QZ		0.25				few stringers; few fine stringers; finer grained syenite
						405.30	406.20	E795975	0.06	QZ		0.25				coarser grained syenite begins again; irregular stringers and fine stringers
						406.20	407.00	E795976	1.31	QZ		0.5				Bull white quartz vein; trace sulphides in vein; contacts at 50 TCA are sharp; stringer at UC
						407.00	407.30	E795977	0.24	QZ		0.5				few stringers; fine stringers and 4 cm bull white vein at 70 TCA
						407.30	408.10	E795979	1.11	QZ		0.75				two sets of crosscutting stringers and one single stringer
						408.10	408.40	E795980	0.69	QZ		0.75				

Survey				
Depth(m)	Depth(m)	Azimuth	Dip	Remarks
	0.00	360	-75	
	21.00	2.5	-74.6	Az adjusted
	72.00	1.7	-74.8	
	123.00	1.4	-74.8	
	174.00	0.9	-74.9	
	225.00	359.6	-75.3	
	276.00	359.1	-75.2	
	327.00	359.3	-75	

Hole # **RN13-06**

Claim No. P567201, P12581

Location

Grid utm27 Easting 506514.0 Northing 5372716.9 Elevation 287.20 Drill Contractor Major Core Storage Dome core farm

Date 2/28/2013 Test EZ Shot Core Size NQ Logged By Saralyn Horvath Length (m) 600 Start Date 2/11/2013 End Date 2/20/2013 Remarks

Lithology

Assays

From(m)	To (m)	Remarks	Lithology	Texture	Altn	From	To	Sample#	Au g/t	Veining	% QV	% Py	% Po	% Aspy	VG	Remarks
						408.40	408.70	E795981	5.18	QZ		0.25			VG1	VG in very fine stringer <1mm which is crosscut by another fine stringer; few more <0.5cm stringers - few generations
						408.70	409.30	E795983	1.00	QZ		1				several stringers; few crosscutting; darker red sections
						409.30	409.60	E795984	1.88	QZ		2				several stringers; multiple generations; some crosscutting
						409.60	409.90	E795985	0.99	QZ		1.5				Bull white quartz vein, irregular contacts somewhat broken; trace py associated with vein
						409.90	410.90	E795986	1.02	QZ		2.5				few stringers; mainly broken by fault
						410.90	411.40	E795987	1.28	QZ		1				multiple generations of stringers crosscutting each other; 2 cm vein at 75 TCA
						411.40	412.10	E795988	1.19	QZ		1				1.5-3 cm vein at 50 TCA; 5 cm at 60 TCA; few other stringers
						412.10	412.70	E795989	0.75	QZ		0.25				two stringers at 70 approx parallel; crosscut by few fine stringers
						412.70	413.20	E795991	1.33	QZ		2				15 mm at 40 TCA; 15 mm at 60 TCA in opposite direction; few stringers following 40 TCA vein
						413.20	414.20	E795992	0.62	QZ		2				3 cm at 60 TCA; several other stringers less than 1 cm
						414.20	415.20	E795993	0.69	QZ		2				1.5 cm at 55 TCA; few finer parallel stringers; some in opposite direction at shallower angle
						415.20	415.90	E795994	0.76	QZ		1.5				crosscutting stringers
						415.90	416.60	E795995	0.81	QZ		2				3 cm at 60 TCA; quartz flooding at low angle TCA on half of core, and several fine stringers
						416.60	417.50	E795996	0.94	QZ		0.75				somewhat irregular up to 3 cm at 60 TCA
						417.50	418.40	E795998	0.78	QZ						few stringers up to 1.5 cm at 60-70 TCA; few fine stringers which are crosscut
						418.40	419.40	E795999	0.64	QZ		1				up to 1 cm stringers at several angles TCA
						419.40	420.40	E796000	0.95	QZ		1.5				3 cm somewhat irregular vein at approx 50 TCA; 2 cm at 60 TCA which splays off in finer stringers with fine py band; few other fine stringers
						420.40	421.10	E796001	1.96	QZ		1.5				several approx 0.5 cm stringers which are crosscut by stringer subparallel TCA; several fine stringers; 7mm at 60 TCA; 3 mm stringer at 60 with blob of galena
						421.10	421.70	E796002	0.92	QZ		0.5				3.5 and 1.5 cm stringer at 55-60 TCA; 7 cm vein at 60 TCA
						421.70	422.20	E796003	2.71	QZ		1.5				very fine <1mm irregular stringers

Survey				Remarks
Depth(m)	Depth(m)	Azimuth	Dip	
	0.00	360	-75	Az adjusted
	21.00	2.5	-74.6	
	72.00	1.7	-74.8	
	123.00	1.4	-74.8	
	174.00	0.9	-74.9	
	225.00	359.6	-75.3	
	276.00	359.1	-75.2	
	327.00	359.3	-75	

Hole # **RN13-06** Claim No. P567201, P12581 Location

Grid utm27 Easting 506514.0 Northing 5372716.9 Elevation 287.20 Drill Contractor Major Core Storage Dome core farm

Date 2/28/2013 Test EZ Shot Core Size NQ Logged By Saralyn Horvath Length (m) 600 Start Date 2/11/2013 End Date 2/20/2013 Remarks

Lithology				Assays												
From(m)	To (m)	Remarks	Lithology	Texture	Altn	From	To	Sample#	Au g/t	Veining	% QV	% Py	% Po	% Aspy	VG	Remarks
						422.20	422.40	E796004	8.98	OZ		0.25			VG2	3 cm at 60 TCA; 4 mm somewhat irregular stringer at 55-70 TCA with more than 10 specks in two separate locations in stringer; 5mm at approx 55 TCA
						422.40	422.70	E796006	1.23	OZ		0.5				few < .5cm stringers at approx 50 TCA
						422.70	423.30	E796007	0.12	OZ		0.25				6 mm at 50 TCA; 12 mm at 60 TCA; stringers bound very pink/reddish zone which is high in K
						423.30	424.30	E796009	2.91	OZ		2.5				few fine stringers <0.5 cm; one stringer with blobs of py; 12mm at 60 TCA; 4 cm at 60 TCA
						424.30	424.80	E796010	3.23	OZ		0.25				very fine stringer
						424.80	425.10	E796011	0.64	OZ		1				10 cm vein at 50 TCA; few fine stringers
						425.10	425.80	E796012	2.49	OZ		0.25				fine stringers; some potassic alteration
						425.80	426.40	E796013	1.66	OZ		0.25				2 cm at 30 TCA; few fine stringers
						426.40	426.70	E796014	2.52	OZ		0.5				5 cm at 55 TCA with sericite and albite in vein
						426.70	427.70	E796015	1.70	OZ		1				several very fine stringers
						427.70	428.70	E796017	1.25	OZ		1				several stringers up to 5mm
						428.70	429.70	E796018	3.98	OZ		2				1.5 cm at 55 TCA irregular; offset; few fine stringers
						429.70	430.30	E796019	2.98	OZ		0.5				seven approximately parallel stringers at 60-70 TCA; several irregular
						430.30	431.00	E796020	3.68	OZ		0.75				2 cm at 50 TCA; 3 cm at 55 TCA; 0.5 cm at 60 TCA
						431.00	432.00	E796021	3.28	OZ		1				few stringers; 1.2 cm at 50 TCA; pyrite band
						432.00	433.00	E796022	2.24	OZ		2.5				5 at 50 TCA; few fine stringers
						433.00	434.00	E796023	2.42	OZ		1				10 cm bull white vein at 50 TCA; several stringers after vein at 50-60 TCA
						434.00	435.00	E796024	1.66	OZ		0.5				few stringers up to 1.5 cm
						435.00	435.80	E796026	3.23	OZ		0.75				several irregular stringers
						435.80	436.60	E796027	8.23	OZ		1.5				couple fine stringers
						436.60	437.50	E796028	2.83	OZ		1.5				2-3 cm vein at 70 TCA with py and galena; quartz bleb with stringer splays also with py and galena
						437.50	438.20	E796029	19.80	OZ		4				stringers and different angles; several fine stringers
						438.20	439.20	E796031	1.77	OZ		1				5.5 cm at 55 TCA with albite; few other stringers at different angles
						439.20	440.00	E796032	2.79	OZ		0.5				fine stringers; band of pyrite
						440.00	441.00	E796033	1.67			2				few fine stringers; two <1 cm stringers parallel at 60 TCA
						441.00	442.00	E796034	3.74	OZ		0.5				few <1 cm stringers at different angles; some crosscutting each other
						442.00	443.00	E796035	2.00	OZ		2				several stringers at different angles
						443.00	443.90	E796036	1.77	OZ		1				

Survey				Remarks
Depth(m)	Depth(m)	Azimuth	Dip	
	0.00	360	-75	Az adjusted
	21.00	2.5	-74.6	
	72.00	1.7	-74.8	
	123.00	1.4	-74.8	
	174.00	0.9	-74.9	
	225.00	359.6	-75.3	
	276.00	359.1	-75.2	
	327.00	359.3	-75	

Hole # **RN13-06**

Claim No. **P567201, P12581**

Location

Grid **utm27** Easting **506514.0** Northing **5372716.9** Elevation **287.20** Drill Contractor **Major** Core Storage **Dome core farm**

Date **2/28/2013** Test **EZ Shot** Core Size **NQ** Logged By **Saralyn Horvath** Length (m) **600** Start Date **2/11/2013** End Date **2/20/2013** Remarks

Lithology				Assays												
From(m)	To (m)	Remarks	Lithology	Texture	Altn	From	To	Sample#	Au g/t	Veining	% QV	% Py	% Po	% Aspy	VG	Remarks
						443.90	444.50	E796037	2.14	QZ		0.25				7 cm bull white vein at 50 TCA, 4.5 cm at 70 TCA, few stringers crosscutting each other and veining, slightly more sericitic
						444.50	445.50	E796038	4.61	QZ		1				few somewhat parallel stringers at 55-70 TCA; few other stringers
						445.50	446.30	E796040	2.81	QZ		0.5				
						446.30	447.30	E796041	4.00	QZ		0.5				few fine stringers parallel veins; 3 cm (with galena bleb) and 5 cm at 50 TCA with few fine stringers
						447.30	448.30	E796042	2.24	QZ		1				
						448.30	448.90	E796043	11.30	QZ		1.25				
						448.90	449.90	E796045	3.71	QZ		1.5				
						449.90	450.90	E796046	3.70	QZ		1.25				stringers 1.5 and 1 cm at 50-60 TCA respectively, and few fine irregular and crosscutting
						450.90	451.90	E796047	4.83	QZ		1.5				1.5 cm at 55 TCA, other fine stringers
						451.90	452.30	E796048	3.83	QZ		1.5				1 at 50 TCA; other irregular qtz and stringers
						452.30	452.60	E796049	1.99			0.5				VG2 flooding and few stringers; few specks VG with mm blebs few stringers and very little flooding
						452.60	452.90	E796050	14.50	QZ		1.25				
						452.90	453.20	E796052	4.12	QZ		1				~30% albittle dyke; few very fine qtz stringers and one irregular vein irregular stringers; some crosscutting each other few irregular stringers; some crosscutting each other
						453.20	453.80	E796053	0.12			0.25				
						453.80	454.40	E796054	0.04	QZ		0.25				
						454.40	455.40	E796055	3.49	QZ		3.5				little qtz in stringers 2 cm ank alb vein at 50 TCA with sericite and ankerte halo irregular stringers 1.5 cm at 50 TCA; several irregular carb stringer irregular irregular stringers fine irregular stringers vein crosscutting lower contact of syenite and minor qtz flooding, 2.5 cm syenite 1 cm veins at 30 and 40 TCA crosscutting each other in 15cm syenite dyke, few other stringers
						455.40	456.00	E796056	0.03	QZ		0.75				
						456.00	457.00	E796057	0.03	AK		0.1				
						457.00	458.00	E796058	0.00	CB		0.25				
						458.00	459.00	E796059	0.01	CB		0.25				
						459.00	460.50	E796061	0.00	CB		0.25				
						460.50	462.00	E796062	0.00	AK		0.25				
						462.00	463.50	E796063	0.00	CB		0.25				
						463.50	465.00	E796065	0.03	QZ		0.25				
						465.00	466.20	E796066	0.00	QZ-CB		0.25			irregular irregular stringers fine irregular stringers vein crosscutting lower contact of syenite and minor qtz flooding, 2.5 cm syenite 1 cm veins at 30 and 40 TCA crosscutting each other in 15cm syenite dyke, few other stringers	
						466.20	466.80	E796067	0.02	QZ		3				
						466.80	467.10	E796068	0.17	QZ		5				
						467.10	467.90	E796070	0.18	QZ		0.5				
						467.90	468.20	E796071	0.45	QZ		1.5				
						468.20	469.20	E796072	0.05	QZ		0.1				
						469.20	470.20	E796073	0.22			0.25				
						470.20	471.20	E796074	0.03			0.25				
						471.20	472.70	E796075	0.02			0.1				
						506.80	507.30	E796076	0.00			0.1				
						507.30	507.60	E796077	0.00	QZ-CB		0.1				
						507.60	508.30	E796079	0.00			0.1				

Survey				
Depth(m)	Depth(m)	Azimuth	Dip	Remarks
	0.00	360	-75	
	21.00	2.5	-74.6	Az adjusted
	72.00	1.7	-74.8	
	123.00	1.4	-74.8	
	174.00	0.9	-74.9	
	225.00	359.6	-75.3	
	276.00	359.1	-75.2	
	327.00	359.3	-75	

Hole # **RN13-06**

Claim No. P567201, P12581

Location

Grid utm27 Easting 506514.0 Northing 5372716.9 Elevation 287.20 Drill Contractor Major Core Storage Dome core farm

Date 2/28/2013 Test EZ Shot Core Size NQ Logged By Saralyn Horvath Length (m) 600 Start Date 2/11/2013 End Date 2/20/2013 Remarks

Lithology

Assays

From(m)	To (m)	Remarks	Lithology	Texture	Altn	From	To	Sample#	Au g/t	Veining	% QV	% Py	% Po	% Aspy	VG	Remarks
						508.30	509.70	E796080	0.02			0.1				

*N. Standing*

Hole # **RN13-07**

Claim No. P567201

Location

Survey				
Depth(m)	Depth(m)	Azimuth	Dip	Remarks
	0.00	360	-82	
	21.00	348.1	-81.2	
	72.00	359.5	-81.9	
	123.00	3.9	-81.8	
	174.00	0.2	-82.2	
	225.00	355.8	-81.9	
	273.00	1.1	-82	
	327.00	0.6	-82.6	

Grid utm27 Easting 506514.0 Northing 5372716.7 Elevation 287.20 Drill Contractor Major Core Storage Dome core farm

Date 3/8/2013 Test EZ Shot Core Size NQ Logged By Saralyn Horvath Length (m) 633 Start Date 2/21/2013 End Date 3/2/2013 Remarks

Lithology

Assays

From(m)	To (m)	Remarks	Lithology	Texture	Altn	From	To	Sample#	Au g/t	Veining	% QV	% Py	% Po	% Aspy	VG	Remarks
0.00	12.00		CAS			141.00	142.50	E796081	0.00							
12.00	121.50	Dark green to black; fine grained; magnetic unit, trace sulphides, few qtz carb stringers; mainly massive with some polysutured sections; talc intensity strengthens towards end of unit slightly	UM	M	SR	142.50	143.00	E796082	0.01							
121.50	137.90	Dark green to black; fine grained; few qtz carb veins, trace sulphides; magnetic unit, 129.7 gouge probably associated with very irregular carb-qtz vein	UM	PS	TC	143.00	143.30	E796083	0.00	QZ-CA		0.1				Bull white calcite-quartz vein, very irregular, slightly pinkish in areas
137.90	139.30	Gouge mainly cemented back together, dark green, fine grained	FZ	PS	TC	143.30	143.80	E796084	0.00	CA		0.1				
139.30	143.00	Dark green, fine grained; trace sulphides, few qtz carb stringers; magnetic unit	UM	PS	TC	143.80	145.30	E796085	0.02			0.1				
143.00	143.30	Bull white calcite-quartz vein, very irregular, slightly pinkish in areas	UM	PS	TC	145.30	145.30	E796087	0.00	QZ-CB		0.1				
143.30	319.20	Dark green to black, fine grained; few pulses, trace sulphides; few qtz and calcite stringers; magnetic unit, few short more massive intervals; possible fault from 188-194? mainly competent with some gouge, seems more massive at 296-305m; LC approx 50TCA	UM	PS	TC	421.90	422.40	E796088	0.00			0.1				
319.20	319.70	Dark grey to black, fine grained; mainly phaneritic; some biotite; pervasive carbonate alteration; LC is broken	MP		CB	422.40	423.00	E796089	0.00			0.1				
319.70	379.00	Dark green to black; fine grained; trace sulphides, few qtz carb stringers, mainly magnetic but weak in sections; few more massive sections; gradational lower contact	UM	PS	TC	423.00	423.50	E796091	0.00			0.1				
379.00	405.80	Dark grey to green; fine grained with intervals which are medium grained; trace py; irregular qtz carb stringers, very weakly to weakly magnetic, somewhat soft	UM	PS	TC	423.50	425.00	E796092	0.00	QZ-CA		0.1				irregular patch of ankerite alt
405.80	406.50	Black; fine grained; biotite, up to 2% py, weak fol at 40 TCA, lower contact broken; contacts seem baked	AP2	M	CB	459.40	459.90	E796093	0.00			0.1				
406.50	411.50	Dark grey to black; fine to medium grained; few flows or all ultramafic? - varioles?; few irregular qtz carb stringers; trace py locally up to 1%; lower contact at 30 TCA	UM	VAR	TC	459.90	460.70	E796094	0.00	QZ		0.1				
411.50	412.40	Black; fine grained; biotite, trace py; lower contact irregular - steepens from ~20-70 TCA	UM	VAR	TC	460.70	461.20	E796095	0.01			0.1				
412.40	422.40	Dark grey to black; fine grained; weak alteration but talc intensity increases near small dyke; weakly magnetic; trace py, few stringers; lower contact at 55 TCA	UM	VAR	TC	461.20	462.20	E796098	0.00	QZ		0.5				
422.40	423.00	Green; greyish; beige; fine to medium grained; brecciated; very hard; lower contact broken	AP2	M	CB	462.20	463.00	E796099	0.00	QZ		0.5				
423.00	449.20	Dark grey, fine gr, localized spinifex textures; talc str locally, tr py overall - c. gr well developed py, localized weak mag but predominantly str mag; chl, lower contact bounded by vn? chilled contact? last few meters possibly ct zone, reddish mineral present	UM	VAR	TC	463.00	463.60	E796100	0.00			0.25				
449.20	450.90	Mafic dyke? or ultramafic? fine grained; dark grey to black, few qtz carb stringers and veins; tr py, lower contact bounded by stringer	UM	VAR	TC	463.60	464.10	E796101	0.00	QZ-CA		0.25				
450.90	452.00	Dark green to black; fine grained; somewhat magnetic; trace py	UM	VAR	TC	464.10	465.00	E796102	0.00			0.1				
452.00	459.90	Dark green, fine grained, chloritized as well as serp and ank; trace to 1% py; few carb stringers; short interval with polysutured textures and weak talc; magnetism, irregular LC	UM	VAR	TC	465.00	466.50	E796104	0.00			0.1				
459.90	460.70	Beige, fine grained; hard unit; fine stringers broken by brecciation; irregular lower contact	UM	VAR	TC	466.50	468.00	E796105	0.00			0.25				
460.70	463.00	Dark grey to green; fine grained to locally medium grained; short intervals which are more polysutured with weak talc; magnetic unit	UM	VAR	TC	468.00	469.50	E796106	0.01	AK		0.1				
463.00	463.60	Mafic dyke? Dark grey, fine grained; few crosscutting qtz stringers; somewhat hard; trace sulphides; irregular contacts	UM	VAR	TC	469.50	471.00	E796107	0.00	AK		0.1				
463.60	472.00	Dark grey, fine grained; magnetic; trace coarse grained py, very weakly talcose; 466.9 m gouge at 30 TCA	UM	VAR	TC	471.00	472.00	E796108	0.00			0.1				
472.00	480.70	Dark grey, fine grained; trace py, locally up to 1%; few qtz carb stringers, chilled irregular lower contact	UM	VAR	TC	472.00	473.00	E796109	0.00			0.1				
480.70	484.40	Green, fine to medium grained, several stringers with pink albized halos, weak ank; strong sericite at top of unit decreases downhole, trace pyrite, sharp irregular lower contact	UM	VAR	TC	473.00	474.00	E796110	0.00			0.1				
484.40	491.40	Varies between pink and green; predominant porphyritic texture of fg-cg, locally 8-10% py, VG, several qtz stringers, 30 cm chill margin at top of unit, lower contact sharp and irregular	UM	VAR	TC	474.00	475.00	E796111	0.04	QZ-AK		0.25				
491.40	491.70	Green, fine grained; few qtz stringers; up to 1% py, sharp lower contact with qtz stringers cutting contact	UM	VAR	TC	475.00	477.50	E796112	0.00			0.1				
491.70	496.50	Pink; porphyritic texture of fg-cg, several qtz stringers; VG with pyrite, up to 5% py locally, lower contact irregular	UM	VAR	TC	477.50	479.00	E796113	0.00			0.1				
496.50	497.30	Green to pinkish; fine grained; up to 1% py locally, moderate ank alt; few stringers and ankentic veins; gradational lower contact	UM	VAR	TC	479.00	480.20	E796114	0.02	AK		0.1				
497.30	498.90	Pink to salmon pink in areas; mod ank alt; fine grained; several qtz stringers; up to 1% py locally; gradational lower contact	UM	VAR	TC	480.20	480.70	E796115	0.00	AK		0.1				
498.90	502.50	Green, fine grained; several stringers and bull white veins; 2% py; lower contact sharp at 10 TCA over 25 cm	UM	VAR	TC	480.70	481.00	E796117	0.06	QZ		2				
502.50	503.50	Pink; porphyritic texture; little veining; 0.5% py	UM	VAR	TC	481.00	481.60	E796118	0.02			0.5				
503.50	504.90	Green; fine grained; few fine stringers at no preferential orientation, trace sulphides; LC irregular	UM	VAR	TC	481.60	482.60	E796119	0.04	QZ		0.25				
504.90	505.50	Green; porphyritic texture; 1.5% py, few qtz stringers; LC at 50 TCA	UM	VAR	TC	482.60	483.10	E796121	0.04			0.25				
505.50	508.80	Green, fine grained; few stringers and one 7 cm vein; trace py overall; lower contact at 20 TCA	UM	VAR	TC	483.10	483.70	E796122	0.07	QZ		0.25				
			FP5	POR	SE	482.60	483.10	E796121	0.04	QZ		0.25				
			FP5	POR	SE	483.10	483.70	E796122	0.07	QZ-AK		0.75				
			FP9	SE	SE	483.70	484.00	E796123	0.08	QZ		0.25				
			FP9	K	K	484.00	484.40	E796124	0.04	QZ		0.75				
			FP9	SE	SE	484.40	484.70	E796125	0.07	QZ-AK		1				
			FP5	POR	AR	484.70	485.40	E796126	8.95	QZ		2.5			VG2	3-8 mm stringers at 60-70 TCA; approx parallel, VG found in 3mm stringer at 60 TCA near end of sample when cut



Survey				
Depth(m)	Depth(m)	Azimuth	Dip	Remarks
	0.00	360	-82	
	21.00	348.1	-81.2	
	72.00	359.5	-81.9	
	123.00	3.9	-81.8	
	174.00	0.2	-82.2	
	225.00	355.8	-81.9	
	273.00	1.1	-82	
	327.00	0.6	-82.6	

Hole # **RN13-07**

Claim No.

P567201

Location

Grid

utm27

Easting

506514.0

Northing

5372716.7

Elevation

287.20

Drill Contractor

Major

Core Storage

Dome core farm

Date

3/8/2013

Test

EZ Shot

Core Size

NQ

Logged By

Saralyn Horvath

Length (m)

633

Start Date

2/21/2013

End Date

3/2/2013

Remarks

Lithology

Assays

From(m)	To (m)	Remarks	Lithology	Texture	Altn	From	To	Sample#	Au g/t	Veining	% QV	% Py	% Po	% Aspy	VG	Remarks
508.80	516.00	Pink with some green; porphyritic texture, up to 2% py and trace galena; several stringers and fine stringers; VG	FP5	POR	AB	485.40	485.70	E796127	212.07	QZ		3			VG3	1mm by 2mm bleb of VG with galena; few other specks with gold under quartz in 3.5 cm vein at approx 70 TCA with irregular splays; two other 5mm stringers at approx 35 and 45 TCA. one with py++
516.00	522.90	Green; fine to coarse grained very porphyritic texture; several qtz stringers and veins; up to 2% py and trace galena; VG	FP5	POR	SE											
522.90	523.00	Quartz vein with sharp contacts at 50 TCA; coarse grained somewhat well formed pyrite and galena	QV	MV												
523.00	526.00	Green; fine to coarse grained very porphyritic texture; several qtz stringers; up to 2% py and trace galena; VG; few areas with less sericite alteration and corresponding higher albite	FP5	POR	SE											
526.00	530.50	Pink to very pink; fine to coarse grained porphyritic texture; in areas with higher K quartz veins have higher tourmaline; qtz stringers, up to 1% py and trace galena, weak sericite alteration	FP5	POR	AB	485.70	486.40	E796129	4.18	QZ		1.5				two 5mm stringers; one 1.5cm; several fine stringers; no common orientation
530.50	531.40	Green; fine to coarse grained; porphyritic texture; up to 2% py locally; VG; few qtz veins/stringers; LC approx 55	FP5	POR	SE	486.40	487.40	E796130	1.74	QZ		2				band of py in fine stringer; few stringers up to 1cm
531.40	532.40	Pink; fine to coarse grained; little veining; 1.5% py	FP5	POR	AB											very fine stringers
532.40	533.20	Pinkish green; fine to coarse grained porphyritic texture; few veins; 1% py	FP5	POR	AB	487.40	488.30	E796131	2.32	QZ		1				2 cm at 70 TCA which splits on half of core; 5.5 cm at 50 TCA
533.20	533.50	Green; fine to coarse grained; qtz ank veins, 1.5% py	FP5	POR	SE	488.30	488.60	E796133	2.26	QZ		1.25				stringers up to 8mm, some very fine including one with py band
533.50	536.70	Greenish pink; fine to coarse grained porphyritic texture; 0.5 py overall; few veins and stringers; VG; sharp LC at 50 TCA	FP5	POR	AB	488.60	489.60	E796134	1.85	QZ		2.5				very fine irregular stringers
536.70	539.10	Albite dkye or syenite? Green; mainly fine grained with coarse grained phenos; trace py overall; bull white qtz veins and stringers; sharp LC at 80-90 TCA	FP9	POR	SE	489.60	490.00	E796135	2.84	QZ		1				3 mm stringer at ~40 TCA with at least 3 mm scale blebs VG with py
539.10	545.70	Bright green; fine to medium grained; several bull white qtz veins/stringers with ank; LC irregular but sharp	UM	PS	FU	490.00	490.20	E796136	24.80	QZ		3			VG2	4 cm at 50 TCA; few fine stringers and band of py
545.70	546.20	Albite dyke or syenite? Green, predominantly fine grained; 1.5% py; irregular stringers and quartz veins; lower contact somewhat gradational	FP9	SE												irregular veins and stringers; some ank associated with veins
546.20	547.20	Light pink; fine to medium grained; few coarse grains; approx 4% py overall; few irregular qtz stringers and blebs; lower contact irregular and marked by vein	FP5	POR	AB	490.20	490.80	E796138	1.77	QZ		2				1 cm at 30 TCA; several fine irregular stringers at any orientation with crosscutting
547.20	553.40	Dark green to brown; some areas with moderate fuschite which are brighter green; few syenitic intrusions from 3-17 cm; breccia stronger in areas; py trace overall; up to 6% in syenite	UM	PS	AK	490.80	491.40	E796139	2.15	QZ		2				irregular stringers up to 15mm
553.40	555.90	Dark green to black; fine grained; several qtz stringers up to 1 cm; trace py overall	UM	PS	AK	491.40	491.70	E796140	0.88	QZ		0.75				two irregular stringers somewhat parallel up to 15mm
555.90	562.40	Dark green to black; fine grained; trace py overall; very few qtz stringers	UM	PS	AK											at least two large specks VG with py in 5mm irregular stringer
562.40	564.50	Dark green; fine grained, somewhat mottled texture; trace py overall; several qtz carb stringers; lower contact gradational	VM	CL		491.70	492.20	E796141	2.09	QZ		0.75				few fine stringers; one with ank and py
564.50	574.00	Dark green to black; fine grained; trace py; magnetic unit; weakly ankeritized	UM	PS	TC	492.20	492.50	E796142	3.37	QZ		3				few parallel stringers up to 1cm at approx 45 TCA
574.00	582.10	Dark green to black; fine grained; magnetic near top of unit decreases around 577m; 578.7 for 15cm is irregular syenitic intrusion with up to 6% py and irregular stringers; polysutured texture weaker around dyke	UM	PS	AK	492.50	492.70	E796143	7.27	QZ		1			VG1	several stringers 5-10mm (one with tourmaline) and several fine stringers; no preferential orientation; some crosscutting
582.10	608.50	Dark green; fine grained; few qtz stringers/veins; trace py overall; lower contact marked by qtz calcite vein with fine gouge at 50 TCA	UM	PS	TC	492.70	493.20	E796145	3.44	QZ		1.5				3 stringers 1.5 cm width with no preferential orientation; other finer stringers; still more porphyritic unit but increase in sericite
608.50	609.40	Dark grey; fine grained; few carb stringers and 1 5-2 cm qtz calcite stringer running subparallel TCA; 5-1% py overall; lower contact somewhat irregular; sharp at 50 TCA	MP			493.20	494.10	E796146	1.69	QZ		0.5				series of somewhat parallel stringers from 50-70 TCA, 3mm-3cm; some irregular some with ankerite
609.40	633.00	Dark green; fine grained, polysutured to massive unit; few irregular qtz carb stringers; trace py overall up to 1% locally; very weakly magnetic; EOH	UM	PS	CL	494.10	494.80	E796147	2.54	QZ		0.5				stringers fine to up to 5mm qtz stringers at 40-50 TCA; few fine qtz ank stringers in opposing direction downhole; few crosscut by fine stringers
						494.80	495.80	E796149	1.39	QZ		3				
						495.80	496.50	E796150	5.00	QZ		1				
						496.50	497.30	E796151	0.40	QZ-AK		0.75				
						497.30	498.20	E796152	0.11	QZ-AK		0.25				
						498.20	498.90	E796153	0.33	QZ		1.5				

Survey				Remarks
Depth(m)	Depth(m)	Azimuth	Dip	
	0.00	360	-82	
	21.00	348.1	-81.2	
	72.00	359.5	-81.9	
	123.00	3.9	-81.8	
	174.00	0.2	-82.2	
	225.00	355.8	-81.9	
	273.00	1.1	-82	
	327.00	0.6	-82.6	

Hole # **RN13-07**

Claim No.

P567201

Location

Grid  
utm27

Easting  
506514.0

Northing  
5372716.7

Elevation  
287.20

Drill Contractor  
Major

Core Storage  
Dome core farm

Date  
3/8/2013

Test  
EZ Shot

Core Size  
NQ

Logged By  
Saralyn Horvath

Length (m)  
633

Start Date  
2/21/2013

End Date  
3/2/2013

Remarks

Lithology

Assays

From(m)	To (m)	Remarks	Lithology	Texture	Altn	From	To	Sample#	Au g/t	Veining	% QV	% Py	% Po	% Aspy	VG	Remarks
						498.90	499.50	E796154	0.31	QZ		0.5				few parallel stringers at approx 70 TCA some with ank; being crosscut
						499.50	500.00	E796155	0.53	QZ		2				irregular stringers; one 1-1.5 cm; first few with ank and py
						500.00	500.60	E796156	0.10	QZ		0.75				8 cm vein; irregularly up to 11cm (3cm of irregular ank; qtz zone with sericitic syenite); UC at 35; LC at 55 TCA; string of somewhat parallel stringers afterward of 4mm, 5mm, 1cm and 2-3cm
						500.60	501.40	E796157	0.42	QZ		0.25				
						501.40	501.90	E796158	0.02	QZ		0.1				fine parallel stringers at 50 TCA
						501.90	502.20	E796159	0.33	QZ		0.5			VG1	three veins, 1 cm irregular; 1 cm at approx 60 TCA, 1.5cm at approx 35 TCA with 9 counted specks VG in little cluster
						502.20	502.50	E796161	0.47			0.25				contact with porphyritic, less sericitic syenite
						502.50	503.50	E796162	0.83			0.25				
						503.50	504.10	E796164	0.17	QZ		0.5				very fine stringers
						504.10	504.90	E796165	0.30	QZ-AK		0.5				several fine to 4mm stringers
						504.90	505.50	E796166	0.86	QZ		1.5				few 5mm stringers
						505.50	505.90	E796167	0.14	QZ		0.25				parallel veins, 1.5 cm at 30 TCA; 5 cm at 40 TCA
						505.90	506.90	E796169	0.19	QZ-AK		0.1				
						506.90	507.90	E796170	0.04	QZ-AK		0.25				several stringers up to .5 cm; irregular 2 cm vein
						507.90	508.80	E796171	0.01			0.25				
						508.80	509.80	E796172	1.13	QZ		1				several very fine stringers; no preferential orientation
						509.80	510.60	E796173	0.76	QZ		0.5				several fine stringers; no preferential orientation
						510.60	511.60	E796174	1.31	QZ		1				5mm at 50 TCA
						511.60	512.50	E796175	1.72	QZ		0.5				irregular
						512.50	513.50	E796176	1.18	QZ		0.25				irregular stringers and qtz blebs
						513.50	514.40	E796177	1.58	QZ		1				few qtz tourmaline stringers/veins with ank; several fine stringers and
						514.40	514.90	E796178	0.58	QZ		1				5mm at 50 TCA; few other fine stringers at other orientations
						514.90	515.20	E796179	2.97	QZ		0.5			VG1	few irregular stringers up to 1 cm; VG in very fine stringer 4 specks
						515.20	515.60	E796181	2.23	QZ		1				
						515.60	516.00	E796182	2.03	AK		0.5				7mm ank stringer at 60 TCA; few fine irregular stringers
						516.00	516.60	E796184	1.32	QZ		0.5				irregular stringers up to 1 cm
						516.60	517.10	E796185	1.32	QZ		1				fine stringers
						517.10	518.10	E796186	2.50	QZ		1.5				quartz veining to flooding usually irregular
						518.10	518.60	E796187	0.66	QZ		1				irregular veining; one ank stringer
						518.60	518.90	E796188	6.91	QZ		2			VG1	1 cm at 60 TCA with VG 5 pin pricks at edge of py. 4mm at 30 TCA touching VG vein

Hole # **RN13-07**

Claim No.

P567201

Location

Grid Easting Northing Elevation Drill Contractor Core Storage  
 utm27 506514.0 5372716.7 287.20 Major Dome core farm

Date Test Core Size Logged By Length (m) Start Date End Date Remarks  
 3/8/2013 EZ Shot NQ Saralyn Horvath 633 2/21/2013 3/2/2013

Survey

Depth(m)	Depth(m)	Azimuth	Dip	Remarks
	0.00	360	-82	
	21.00	348.1	-81.2	
	72.00	359.5	-81.9	
	123.00	3.9	-81.8	
	174.00	0.2	-82.2	
	225.00	355.8	-81.9	
	273.00	1.1	-82	
	327.00	0.6	-82.6	

Lithology

Assays

From(m)	To (m)	Remarks	Lithology	Texture	Altn	From	To	Sample#	Au g/t	Veining	% QV	% Py	% Po	% Aspy	VG	Remarks
						518.90	519.40	E796190	2.95	AK		1.5				2 qtz ank stringers up to 1 cm and fine qtz stringers
						519.40	520.00	E796191	4.72	QZ		0.5				1.5 cm qtz at 50 TCA; few qtz ank stringers and crosscutting qtz stringer
						520.00	520.80	E796192	1.52	QZ		0.25				1cm, 1.5cm; 1 cm; 2 cm; 1.5 cm veins at ~60 TCA, not parallel, few crosscut by .5 cm stringer
						520.80	521.80	E796193	2.66	QZ		0.25				few somewhat irregular stringers
						521.80	522.30	E796194	2.17	QZ		0.75				5 stringers up to 1 cm, somewhat irregular
						522.30	522.50	E796195	5.30	QZ		1			VG1	white grey qtz stringer with VG one main prick at approx 60 TCA, one parallel stringer and one crosscutting stringer
						522.50	522.80	E796196	3.97	QZ		2				1.5 cm irregular stringer
						522.80	523.10	E796197	2.72	QZ		2				Quartz vein with sharp contacts at 50 TCA; coarse grained somewhat well formed pyrite and galena; other irregular stringers
						523.10	523.40	E796198	4.34	QZ		1				irregular qtz
						523.40	523.60	E796199	2.31	QZ		1			VG1	approx 14 pin pricks VG with py in irregular stringer at approx 60 TCA; a 1 cm parallel stringer
						523.60	524.10	E796201	2.87	QZ		0.5				2 stringers up to 7 mm parallel at approx 60 TCA; ank stringers at lower angles
						524.10	524.50	E796202	1.03	QZ		0.25				irregular stringers, few with ank
						524.50	525.20	E796203	1.92	QZ		0.5				5 mm stringer at 20 TCA
						525.20	525.70	E796205	2.08	QZ		1.5				3 stringers between 5mm-1cm; fine stringers
						525.70	526.00	E796206	3.65	QZ		1.5			VG1	1 cm at approx 40 TCA; several pin prick specks VG in irregular 2mm stringer
						526.00	526.70	E796208	2.20	QZ		2				irregular stringers less than 1 cm
						526.70	527.70	E796209	0.34	QZ-TO		0.25				irregular stringers approx .5cm; qtz ank stringers
						527.70	528.40	E796210	0.00	QZ-TO		0.1				irregular stringers crosscutting each other; some fine irregular stringers
						528.40	529.40	E796211	0.41	QZ		0.25				1cm; irregular 2 cm qtz and .5 cm qtz ank stringers
						529.40	530.50	E796212	0.48	QZ-TO		0.25				at least 7 pin pricks VG in irregular stringer approx 2 cm;
						530.50	530.80	E796213	3.50	QZ		3				few other stringers; some grey qtz and one qtz ank stringer
						530.80	531.10	E796214	7.24	QZ		3.5			VG1	irregular stringers
						531.10	531.40	E796216	3.53	QZ		2				irregular stringer with splays; few fine stringers; one other irregular stringer
						531.40	532.40	E796217	0.43	QZ		0.5				1 cm at approx 70 TCA with few splays; few other fine stringers
						532.40	533.20	E796218	3.61	QZ		1.5				irregular veins; 1cm; 3cm and 4mm, some associated ankerite
						533.20	533.50	E796219	3.79	QZ		3.5				
						533.50	534.10	E796220	1.60	QZ		0.5				
						534.10	534.50	E796221	0.57	QZ		0.5				

Survey				
Depth(m)	Depth(m)	Azimuth	Dip	Remarks
	0.00	360	-82	
	21.00	348.1	-81.2	
	72.00	359.5	-81.9	
	123.00	3.9	-81.8	
	174.00	0.2	-82.2	
	225.00	355.8	-81.9	
	273.00	1.1	-82	
	327.00	0.6	-82.6	

Hole # **RN13-07**

Claim No.

P567201

Location

Grid  
utm27

Easting  
506514.0

Northing  
5372716.7

Elevation  
287.20

Drill Contractor  
Major

Core Storage  
Dome core farm

Date  
3/8/2013

Test  
EZ Shot

Core Size  
NQ

Logged By  
Saralyn Horvath

Length (m)  
633

Start Date  
2/21/2013

End Date  
3/2/2013

Remarks

Lithology

Assays

From(m)	To (m)	Remarks	Lithology	Texture	Altn	From	To	Sample#	Au g/t	Veining	% QV	% Py	% Po	% Aspy	VG	Remarks
						534.50	534.70	E796222	0.17	QZ		0.5			VG1	over 10 specks and very small bleb of VG with py in 1 mm irregular stringer
						534.70	535.20	E796224	0.01	QZ-AK		0.75				irregular stringers
						535.20	535.70	E796225	0.75	QZ		1				2 cm at approx 45 TCA crosscutting and offsetting 5mm stringer, few other .5cm stringers
						535.70	536.70	E796226	1.33	QZ		0.5				3 mm at 80 TCA
						536.70	537.10	E796228	1.28	QZ		0.5				4 cm UC at 50, LC at 75 TCA, 5mm at 65 TCA
						537.10	537.70	E796229	2.36			0.25				5mm at 70 TCA; 2 cm at 30 TCA
						537.70	538.20	E796230	3.52	QZ		2.5				irregular qtz stringers approx 5mm running subparallel to low angles TCA
						538.20	539.10	E796231	1.20	QZ		1				7mm at 70 TCA and broken vein stringers on broken contacts, other fine stringers
						539.10	539.60	E796232	0.03	QZ		0.1				irregular stringers and veins
						539.60	540.60	E796233	0.15	QZ		0.1				2cm at 50 TCA; 1 cm at 60 TCA, 5mm at 65 TCA with several fine parallel stringers and few irregular, 5mm stringer at 40 TCA
						540.60	541.40	E796234	0.01	QZ-AK		0.1				7mm; 1.5cm; 1cm; 5mm stringers at opposing angles; 15 cm not as fuschitic altered
						541.40	542.00	E796235	0.05	QZ		0.5				few stringers, one 1cm at 70 TCA, others somewhat irregular at low angles TCA
						542.00	543.00	E796236	0.09	QZ		0.25				5 cm at 50 TCA; 5mm stringer irregular at opposing angle
						543.00	544.00	E796238	0.05	QZ		0.25				irregular stringer
						544.00	544.60	E796239	0.16	QZ		0.1				7 cm somewhat irregular at approx 30-35 TCA; 8mm stringer in opposing direction at 30 TCA
						544.60	544.90	E796240	0.34	QZ		1.5				irregular veining with no preferential orientation; 1 main vein 3-6 cm with few irregular stringers
						544.90	545.30	E796241	0.01	QZ		0.1				approx 10 irregular stringers, usually less than 1 cm, one approx 1.5 cm, another 2.5 cm, many with ankerite, no preferred orientation for veining
						545.30	545.70	E796242	0.25	QZ		1.5				few irregular stringers brecciated veining
						545.70	546.20	E796243	2.02	QZ		1.5				irregular stringers up to approx 1 cm; some brecciated
						546.20	547.20	E796244	2.16	QZ		4				3 cm syenite with most of py; few qtz ank and qtz stringers, mainly irregular
						547.20	548.20	E796246	0.81	QZ		0.5				very brecciated and fuschitic, 17 cm syenite with majority of py, irregular stringers
						548.20	549.30	E796247	0.01	QZ		0.1				few stringers
						549.30	550.00	E796248	0.11	QZ-AK		0.5				
						550.00	551.00	E796249	0.05	QZ-AK		0.25				
						551.00	552.20	E796250	0.22	QZ-AK		0.5				
						552.20	552.70	E796251	0.30	QZ-AK		4				
						552.70	554.20	E796253	0.10	QZ-AK		0.25				

**Survey**

Depth(m)	Depth(m)	Azimuth	Dip	Remarks
	0.00	360	-82	
	21.00	348.1	-81.2	
	72.00	359.5	-81.9	
	123.00	3.9	-81.8	
	174.00	0.2	-82.2	
	225.00	355.8	-81.9	
	273.00	1.1	-82	
	327.00	0.6	-82.6	

Hole # **RN13-07**

Claim No.

P567201

Location

Grid  
utm27

Easting  
506514.0

Northing  
5372716.7

Elevation  
287.20

Drill Contractor  
Major

Core Storage  
Dome core farm

Date  
3/8/2013

Test  
EZ Shot

Core Size  
NQ

Logged By  
Saralyn Horvath

Length (m)  
633

Start Date  
2/21/2013

End Date  
3/2/2013

Remarks

**Lithology**

**Assays**

Lithology			Assays														
From(m)	To (m)	Remarks	Lithology	Texture	Altn	From	To	Sample#	Au g/t	Veining	% QV	% Py	% Po	% Aspy	VG	Remarks	
						554.20	555.00	E796254	0.02	QZ-AK		0.1				irregular stringers four 5-10mm stringers irregular	
						555.00	555.90	E796255	0.06	QZ		0.1					
						555.90	557.40	E796256	0.01			0.1					
						557.40	558.90	E796257	0.01	QZ		0.1					
						558.90	560.10	E796258	0.01			0.1					
						560.10	561.30	E796260	0.00			0.1					
						577.10	578.20	E796261	0.00			0.25					
						578.20	578.70	E796262	0.03	QZ		0.25					
						578.70	579.00	E796263	0.51	QZ		5					
						579.00	579.50	E796265	0.01			0.25					
						579.50	580.80	E796266	0.01			0.25					
																	coarse grained py irregular qtz stringer on half of core salmon pink to brown syenite over 50 % of sample

Survey				Remarks
Depth(m)	Depth(m)	Azimuth	Dip	
	0.00	360	-50	
	33.00	356.4	-53.8	
	84.00	357.7	-54.1	
	135.00	359.6	-54.3	
	186.00	0.7	-54.5	
	237.00	3.3	-54.5	
	288.00	2.9	-54	
	339.00	4.5	-53.1	

Hole # **RN13-08**

Claim No. P53644, P567201, P12581

Location *W. Harding*

Grid Easting Northing Elevation Drill Contractor Core Storage  
 utm27 506618.5 5372461.1 272.96 Major Dome core farm

Date Test Core Size Logged By Length (m) Start Date End Date Remarks  
 2/28/2013 EZ Shot NQ Jerry Janik 669 2/11/2013 2/27/2013 Hole Cemented Top to bottom. 40 ft HW casing lost

Lithology						Assays										
From(m)	To (m)	Remarks	Lithology	Texture	Altn	From	To	Sample#	Au g/t	Veining	% QV	% Py	% Po	% Aspy	VG	Remarks
0.00	22.00	Casing	CAS			297.00	298.50	E840401	0.00							"Sed" Geochemistry
22.00	43.60	DarkGry/Green with few minor Qtz+Ca strngs; one small seam with potassic alt. Small FZ @ 34.5m (~10cm wide with 3-4mm gouge)	VM	M	CA	298.50	300.00	E840402	0.00				0.1			"Sed" Geochemistry
43.60	43.90	LightGrey Abite Dyke with a faulted lower CT. Unit has EXT Qtz+Ca strngs. Minimal sulphides.	FP9		AB	460.50	462.00	E840403	0.00	QZ-CA		1				UM
43.90	119.20	Darkgry UM in a very faulted zone (1-3mm of gouge with low RQD) Series of UM/Mafic flows with sections of BRX. Strngs in section are contorted and at various angles	UM	PS	CL	462.00	463.10	E840404	0.02	QZ-CA		1				A
119.20	120.30	DarkGry Massive MP. Consolidated BRX's at both CT's. Minimal mineralization	MP	M	CL	463.10	463.40	E840405	0.00	QZ-CA		1				FP5
120.30	139.50	Dark->Light Gry UM with various Qtz+Ca strngs. Minimal mineralization	UM	PS	TC	463.40	465.00	E840406	0.01	QZ-CA		1				UM
139.50	159.50	Black UM and very hard with blue-looking Qtz+Ca Strngs. Alteration slightly lightening up towards end of section	UM	M	SR	465.00	466.50	E840407	0.00	QZ-CA		1				A
159.50	171.00	LightGreen/Gry VM. Massive with vary small Qtz strngs throughout. Minimal/No sulphides.	VM	M	CL	466.50	466.90	E840408	0.00	QZ-CA		1				A
171.00	260.70	Black UM and very hard with blue-looking Qtz+Ca Strngs. Mod-Strong Magnetic	UM	M	SR	466.90	467.60	E840409	0.01	QZ-CA		2				FP5
260.70	265.00	LightGreen/Gry VM. Massive with vary small Qtz strngs throughout. Minimal/No sulphides.	VM	M	CL	467.60	468.00	E840410	0.00	QZ-CA		1				UM
265.00	280.80	Black UM with Blue-ish Qtz+Ca strngs, weakly AK altered in areas. No Mag. Minimal mineralization	UM	M	CL	468.00	469.50	E840411	0.02	QZ-CA		1				A
280.80	303.10	Light/Light Green SP7 strongly albized with bedding angles from 5 to 30deg // TCA. Has fractures that are filled with a dark green mineral (Very hard). Some graded bedding present; flame structures within bedded areas	UM	PS	AK	469.50	471.00	E840412	0.00	QZ-CA		1				A
303.10	345.00	Black UM with Qtz+Ca strngs in various directions. UM is massive between strngs. Sections of strong carbonate alteration.	UM	PS	TC	561.50	563.00	E840413	0.01							Diabase
345.00	423.00	Black UM with strong mag. in sections. Minor faulty/gouge sections. Minimal mineralization. Magnetic pull lessen as section ends.	UM	PS	SR	563.00	564.00	E840414	3.37	QZ		2				Start of the "Syenite"
423.00	426.00	UM faulted with 1 to 3mm of gouge; sections completely ground out.	UM	PS	TC	564.00	565.00	E840415	6.30	QZ-CA		2				Minor Qtz+Ca strngs
426.00	457.20	Dark UM with various Qtz+Ca strngs. Minimal mineralization	UM	PS	TC	565.00	565.50	E840416	6.94	QZ-CA		2				A - Just larger
457.20	457.60	Whitish/black spotted intrusion; possibly a diorite? CT is consistent. No mineralization	MP5	M	CL	565.50	566.30	E840417	3.71	QZ-CA		2				
457.60	463.10	Dark UM with various Qtz+Ca strngs. Minimal mineralization	UM	PS	TC	566.30	566.70	E840418	1.75	QZ-CA		1				Qtz+Ca strng
463.10	463.30	Salmon Pink coloured Syentic intrusion. Small with a boxed lower CT. Small alt halo around unit. Small amount of FG PY.	FP9	M	K	566.70	567.00	E840419	1.18	QZ-CA		1				Qtz+Ca strngs, Ca appears chert-like
463.30	466.90	Dark UM with various Qtz+Ca strngs. Minimal mineralization.	UM	PS	TC	567.00	567.50	E840420	1.28	QZ-CA		2				
466.90	467.60	LightPink/Buf FP5 with many dark fractures with FG'ed PY throughout.	FP9	M	AB	567.50	569.00	E840421	2.86	QZ		1				Qtz strngs
467.60	473.80	Dark UM with various Qtz+Ca strngs. Minimal mineralization.	UM	PS	TC	569.00	569.40	E840422	0.88	QZ		1				A+ Silyos
473.80	480.20	Massive Dark Diabase and Magnetic	UM	PS	TC	569.40	569.70	E840423	1.23	QZ		1				A
480.20	482.60	Dark UM with various Qtz+Ca strngs. Minimal mineralization	UM	PS	TC	569.70	570.00	E840424	5.95	QZ		1				Mnr Qtz strngs
482.60	485.30	Massive Dark Diabase and Magnetic	MP7	M	CL	570.00	570.60	E840425	1.38	QZ-CA		1.5				Chilled Diabase
485.30	507.50	Dark UM with various Qtz+Ca strngs. Minimal mineralization	UM	PS	TC	570.60	571.50	E840426	3.31	QZ		1				Few hairthin strngs
507.50	563.00	Massive Dark Diabase and Magnetic or an UM alteration change? Strong SR alt? Small sections of UM that was included (Sharp CT's with Chill margin)	UM	PS	TC	571.50	573.00	E840427	2.27	QZ		1				
563.00	570.90	LightGry to Red/Pink Syenite. Around qtz veins the PY goes from MG'ed to FG'ed (still cubic) and in haloes from 10cm to 50cm. Feld. Xstals are large relative to other holes	FP5	POR	AB	573.00	574.50	E840428	2.20							Alteration change in the Syenite
570.90	571.50	LightGry "Chilled" Diabase. TNV Ca strngs	MP7	AB	AB	574.50	576.00	E840429	0.12	QZ-CA		1				Qtz Strng w WR fragments within
571.50	583.20	LightGry to Red/Pink Syenite. Around qtz veins the PY goes from MG'ed to FG'ed (still cubic) and in haloes from 10cm to 50cm. Feld. Xstals are large relative to other holes.	FP5	POR	AB	576.00	577.40	E840430	0.10							
583.20	583.50	Qtz+Ca(pink) vein with sulphides (FG'ed PY) within WR. Mostly white quartz with some WR within vein.	QV			577.40	577.90	E840431	1.05							
583.50	586.30	LightGry to Red/Pink Syenite. Around qtz veins the PY goes from MG'ed to FG'ed (still cubic) and in haloes from 10cm to 50cm. Feld. Xstals are large relative to other holes.	FP5	POR	AB	577.90	579.00	E840432	0.36	QZ-CA		1				
586.30	586.50	Qtz+Ca(pink) vein with sulphides (FG'ed PY) within WR. Mostly white quartz with some WR within vein.	QV			579.00	579.40	E840433	1.00							
586.50	587.10	LightGry to Red/Pink Syenite. Around qtz veins the PY goes from MG'ed to FG'ed (still cubic) and in haloes from 10cm to 50cm. Feld. Xstals are large relative to other holes.	FP5	POR	AB	579.40	579.70	E840434	2.00							Alteration change zone
587.10	587.40	Qtz+Ca(pink) vein with sulphides (FG'ed PY) within WR. Mostly white quartz with some WR within vein.	QV			579.70	580.50	E840435	1.17	QZ		2				Qtz Strng
587.40	592.70	LightGry to Red/Pink Syenite. Around qtz veins the PY goes from MG'ed to FG'ed (still cubic) and in haloes from 10cm to 50cm. Feld. Xstals are large relative to other holes.	FP5	POR	AB	580.50	582.00	E840436	0.42							
592.70	593.00	WhiteGry Qtz vein/flooding with some Feldspars from the Syenite within. Minor stils and vein exhibiting crack-seal-like-textures. Two spots of VG "Clouds" (multiple pin pricks (total ~30))	QV		K	582.00	582.30	E840437	2.77							
593.00	605.90	Pink Syenite with some small CHL haloes around veins still; but From 600-601.2m moderate Hematite alteration. Sulphides remain consistent through non-CHL sections bearing Vein 595.7-596m	FP5	POR	AB	582.30	582.00	E840438	0.74							
605.90	616.30	Dark Diabase. Sharp CT.	MP7	M		582.00	583.20	E840439	1.19	QZ-CA		2				Alteration change (CHL) with Qtz strngs leading up to a vein
616.30	618.80	LightGry FP9 (FP107) Felsite-looking dike. Fine grained PY throughout with few small Qtz TNV strngs	FP9	M	AB	583.20	583.60	E840440	0.17		90	1				See litho
						583.60	584.10	E840441	0.67			1				
						584.10	585.00	E840442	2.00	QZ		1				Qtz Strng
						585.00	586.00	E840443	0.63			1				
						586.00	586.30	E840444	0.86			1				
						586.30	586.60	E840445	0.98	QZ		90	1			See litho
						586.60	587.10	E840446	1.48			2				Altered Syenite
						587.10	587.40	E840447	0.11	QZ-CA		95	1			See litho
						587.40	588.00	E840448	1.80			1				
						588.00	589.50	E840449	1.03			1				

**Survey**

Hole # **RN13-08**

Claim No. P53644, P567201, P12581

Location

Grid Easting Northing Elevation Drill Contractor Core Storage  
utm27 506618.5 5372461.1 272.96 Major Dome core farm

Date Test Core Size Logged By Length (m) Start Date End Date Remarks  
2/28/2013 EZ Shot NQ Jerry Janik 669 2/11/2013 2/27/2013 Hole Cemented Top to bottom. 40 ft HW casing lost

**Lithology**

in hole (in rock)  
**Assays**

From(m)	To (m)	Remarks	Lithology	Texture	Altn	From	To	Sample#	Au g/t	Veining	% QV	% Py	% Po	% Aspy	VG	Remarks
618.80	637.20	Black Soft UM with Qtz+Ca strngs in various directions. Few minor Pink Ca blow outs.	UM	PS	TC	589.50	590.30	E840464	6.26	QZ-CA		1				Small Qtz+Ca strngs with mnr
637.20	637.60	Salmon Pink FP9(5) Dike with a CT of 50 deg TCA and Qtz strngs(TNV) 55deg TCA (75deg between CT and strngs) with FG'ed PY throughout(1-2%)	FP9	M	K	590.30	591.00	E840465	3.21	QZ-CA		1				CHL alter within
637.60	644.30	Black Soft UM with Qtz+Ca strngs in various directions. Few minor Pink Ca blow outs.	UM	PS	TC	591.00	591.60	E840466	3.52			1				
644.30	669.00	Dark Diabase. Sharp CT	MP7	M	CL	591.60	591.80	E840467	1.05	QZ-CA		1				Qtz+Ca strngs
						591.80	592.40	E840469	0.84			1				
						592.40	592.70	E840470	1.24			1				
						592.70	593.00	E840471	18.90	QZ-CA	80	2			VG3	GOLD .. See litho
						593.00	593.30	E840473	0.06	QZ-CA		1				QtzFL with loads of feldspars
						593.30	593.60	E840474	5.91			1				
						593.60	594.00	E840475	0.23			1				
						594.00	595.50	E840476	0.95			1				
						595.50	596.20	E840478	0.85	QZ-CA		1				
						596.20	597.00	E840479	2.58	QZ-CA		1				Qtz Strngs
						597.00	598.50	E840480	10.20	QZ		1				Hematite alteration with small Qtz strngs
						598.50	599.00	E840481	1.44	QZ-CA		1				Small Qtz+Ca strngs with mnr STYLOs (CHL?)
						599.00	599.40	E840482	0.95	QZ-CA		1				
						599.40	599.70	E840484	0.12			1				
						599.70	600.00	E840485	0.10			1				
						600.00	601.00	E840486	0.39			1				
						601.00	602.00	E840488	0.92			1				
						602.00	602.40	E840489	0.27	QZ		1				Qtz+Ca strngr with minor alteration halo on upper CT
						602.40	603.00	E840491	0.60			1				
						603.00	603.30	E840492	0.50	QZ-CA		1				Qtz+Ca strngs minor Stylo
						603.30	603.60	E840493	0.51			1				
						603.60	604.50	E840494	0.08			1				
						604.50	604.90	E840495	0.07	QZ-CA		1				
						604.90	605.40	E840496	0.26			1				Small Carbonate dominate vein
						605.40	605.90	E840497	1.60			1				
						605.90	606.50	E840498	0.20			1				Last bit of Syenite before Diabase
						606.50	607.50	E840499	0.03			1				<< Diabase >>
						607.50	608.50	E840500	0.01			1				<< Diabase >>
						615.50	616.50	E840501	0.33			1				<< Diabase >>
						616.50	616.80	E840502	0.12	QZ		1				<Diabase>
						616.80	617.80	E840503	0.37	QZ		2				Start of Dike
						617.80	618.40	E840504	2.69			2				Small strngs with PY throughout
						618.40	619.40	E840506	0.05			1				End of Dike
						634.50	636.00	E840507	0.01			1				UM
						636.00	636.90	E840508	0.01			1				UM
						636.90	637.20	E840509	0.08			1				UM
						637.20	637.60	E840510	0.07	QZ		2				See litho
						637.60	637.90	E840512	0.08			1				UM
						637.90	639.00	E840513	0.01			1				UM







*W. M. Kelly*

Survey				
Depth(m)	Depth(m)	Azimuth	Dip	Remarks
	0.00	360	-63	
	30.00	1.7	-63.9	
	141.00	3.9	-64.2	
	192.00	4.6	-64.4	
	243.00	5.9	-64.3	
	294.00	6	-63.6	

Hole # **RN13-13**

Claim No. P53644, P12582

Location

Grid Easting Northing Elevation Drill Contractor Core Storage  
 utm27 506885.7 5372734.3 273.48 Major Dome core farm

Date Test Core Size Logged By Length (m) Start Date End Date Remarks  
 4/2/2013 EZ Shot NQ Jerry Janik 339 3/22/2013 3/31/2013 entire hole cemented

Lithology				Assays												
From(m)	To (m)	Remarks	Lithology	Texture	Alt	From	To	Sample#	Au g/t	Veining	% QV	% Py	% Po	% Aspy	VG	Remarks
0.00	18.00	OB	CAS			42.00	43.00	E840781	0.01	QZ-CA		1				UM
18.00	43.30	Black UM with Qtz+Ca strngs. Small pockets of PY mineralization (<1% Overall). Alteration is very WK in the Talc alteration. No Mag. CT with lower Ash unit is contorted.	UM	PS	TC	43.00	43.60	E840782	0.01	QZ-CA		0.1				UM <-> Ash (VI) CT
43.30	59.60	GreyGreen VI Ash Tuff with what appears to be one series of Qtz Strngs with large SER Alt Haloes(5mm-43mm) with a consistant core angle of 30deg. ~1%Py and 0.5% CPY	VI	FAT	SE	44.60	45.00	E840783	0.01	QZ		1				Small Qtz strngr with SER halo
59.60	79.60	Black/Grey UM with Slightly green start (upper CT) No talc or Serp. Alt noticable. Minimal mineralization	UM	PS	AK	45.00	46.00	E840786	0.01	QZ		0.5				Massive Ash
79.60	111.00	Grey VM with small Qtz veins within unit with SER small (1-5mm) Halos. FG'ed PY mineralization prox to veins	VM	M	SE	46.00	46.30	E840787	0.08	QZ		0.5				Small Qtz Ca strngr with 40mm wide SER Halo
111.00	135.00	FZ, 1-2mm gouge. Same VM unit as before just faulted.	FZ			46.30	47.30	E840789	0.00			1				Massive
135.00	147.20	Greenish VM with BRX (Flowtop BRXs?) throughout section. Small alteration margins along fragments and WR beside brxs.	VM	M	CL	47.30	48.00	E840790	0.00			1				Massive
147.20	150.00	147 to 150 block only has about 1m of coure (RQD of core left ~45%)	LC			48.00	48.30	E840791	0.00			1				Massive
150.00	165.00	Green VM with blocky FZ starting back up. Somewhere between 163-165 CT with UM. Minor PY mineralization	VM	M	CL	48.30	48.50	E840792	0.02	QZ		1				Small Qtz strngr with Strong SER halo, 21mm wide halo, 4mm wide stringer
165.00	186.00	Black Rubble/UM some PS textures visible on larger peices. PO mineralization in small CA strngs. 1-4mm of gouge.	FZ	PS	TC	48.50	49.00	E840794	0.00			1				massive
186.00	245.90	Black UM; Weak-Mod Serp Alt. Grad. contact to a slightly AK altered UM. Small sections (<1m) of slightly faulted ground	UM	PS	SR	49.00	50.30	E840796	0.01			1				Qtz strngr with multiple small stringers coming off main vein.
245.90	250.00	Salmon Pink Syenite with Mineralization from 2-3% FG'ed PY. Small fragments of UM WR within. Small amounts of Galena found in small strngs.	FP5	M	K	50.30	51.00	E840797	0.00			0.5				Mod SER alt
250.00	252.50	GreyGreen with slight alteration changes in small pockets (<0.5m). Weak mineralization.	UM	M	FU	51.00	52.00	E840798	0.01	QZ		1				Massive
252.50	252.70	Dark Salmon Pink Syenite with TNV Qtz strngs with upto 3% Py.	FP5	M	K	52.00	52.30	E840799	0.01	QZ		1				Small stringers throughout with Mod-High SER alt
252.70	253.30	GreyGreen UM with consistant alteration	UM	M	FU	52.30	53.30	E840800	0.02			1				Massive
253.30	256.60	Salmon Pink Syenite with a Small 30cm WR fragment within. Small 9cm CHL BRX Zone. Overall Zone has ~2% Py mineralization but sections of 3-5%	FP5	M	K	53.30	54.00	E840801	0.00			1				Massive
256.60	257.10	Brown Carb altered UM with minor FU alteration at lower CT.	UM		SE	54.00	54.80	E840802	0.01	QZ		1				Small Qtz strngr with large SER halo
257.10	258.00	Dark Salmon Pink Syenite with TNV Qtz strngs with upto 3% Py.	FP5	M	K	54.80	55.80	E840803	0.01	QZ		1				Massive
258.00	262.00	Brown Carb altered UM Qtz+Ca strngs in all directions	UM	PS	SE	55.80	56.40	E840804	0.01	QZ		1				Wispy strngs
262.00	273.00	Black UM ; Soft to touch. Qtz+Ca strngs in all directions	UM	PS	TC	56.40	56.70	E840806	0.04	QZ		1				Larger Qtz strngr with Mod-Strong SER halo (1-1.5cm wide)
273.00	278.00	Drillers appeared to have trouble NQ->BQ->HW size core; very soft with up to 10cm wide sections of gouge	FZ													Massive
278.00	339.00	Black UM; slightly magnetic with Qtz+Ca strngs in various directions.	UM	PS	SR	56.70	57.00	E840807	0.00			1				Massive
						57.00	58.00	E840808	0.00			1				Massive
						58.00	59.00	E840809	0.00			1				Massive
						59.00	59.60	E840810	0.00			1				Massive -> CT with UM
						59.60	60.00	E840811	0.00	QZ-CA		1				UM
						60.00	60.60	E840812	0.01	QZ-CA		1				FU/AK Alt. UM
						60.60	61.60	E840814	0.01	QZ-CA		1				UM
						61.60	63.00	E840815	0.00	QZ-CA		1				UM
						63.00	63.00	E840816	0.05			1				Massive VM
						63.00	90.00	E840817	0.01	QZ-CA		1				^ + Small Qtz+Ca strngs
						90.00	90.50	E840818	0.28	QZ-CA		2				Slight SER alt halo with increased content of PY
						90.50	91.00	E840818	0.28	QZ-CA		2				Massive
						91.00	91.50	E840820	0.03	QZ-CA		1				Massive
						91.50	91.90	E840821	0.17	QZ-CA		2				Massive
						91.90	92.40	E840822	0.49			1				Massive
						92.40	93.00	E840823	0.07			1				Massive
						93.00	94.00	E840824	0.01			1				Massive
						243.00	244.00	E840825	0.00			1				Slight Alt change in UM
						244.00	245.00	E840826	0.01			1				Massive UM
						245.00	245.50	E840827	0.01			1				Massive
						245.50	245.90	E840828	0.05			1				UM <-> FP5 CT
						245.90	246.50	E840829	1.33	QZ-CA		2				Qtz+Ca vein broken up by CHL strngs. Nice clear MG'ed GA Xstals.
						246.50	247.00	E840831	1.99	QZ		2				Qtz strngs, minor K alt
						247.00	248.00	FR40R32	1.59	QZ		3				Massive

Survey				Remarks
Depth(m)	Depth(m)	Azimuth	Dip	
	0.00	360	-63	
	30.00	1.7	-63.9	
	141.00	3.9	-64.2	
	192.00	4.6	-64.4	
	243.00	5.9	-64.3	
	294.00	6	-63.6	

Hole # **RN13-13**

Claim No. P53644, P12582

Location

Grid utm27 Easting 506885.7 Northing 5372734.3 Elevation 273.48 Drill Contractor Major Core Storage Dome core farm

Date 4/2/2013 Test EZ Shot Core Size NQ Logged By Jerry Janik Length (m) 339 Start Date 3/22/2013 End Date 3/31/2013 Remarks entire hole cemented

Lithology					Assays											
From(m)	To (m)	Remarks	Lithology	Texture	Altn	From	To	Sample#	Au g/t	Veining	% QV	% Py	% Po	% Aspy	VG	Remarks
						248.00	248.50	E840834	1.51	QZ		2				A
						248.50	249.00	E840835	5.99	QZ		2				Minor UM WR Frag
						249.00	250.00	E840836	1.25	QZ		4				^ + Strngr with large amounts of PY within
						250.00	251.00	E840837	0.20	QZ-CA		1				UM with minor Qtz+Ca strngs
						251.00	252.00	E840839	0.03	QZ-CA		1				A
						252.00	252.50	E840840	0.01							Missed Data Entry - Fixed April 18, 2013
						252.50	252.70	E840841	0.51	QZ		3				Small 20cm Syenite Dike
						252.70	253.30	E840842	0.01			1				Massive UM
						253.30	253.70	E840843	0.51	QZ		2				Syenite with small amounts of K alt
						253.70	254.00	E840844	1.22			1				Small UM Frag
						254.00	254.50	E840845	0.69	QZ		2				Syenite with very fine grained PY
						254.50	255.00	E840847	0.54	QZ		2				CHL BRX
						255.00	255.90	E840848	0.66	QZ		2				Syenite with strngs, upwards to 4% Fine grained PY
						255.90	256.60	E840850	0.49	QZ		2				Syenite
						256.60	257.10	E840851	0.06	QZ-CA		1				Brown UM
						257.10	258.00	E840852	1.21	QZ		2				Syenite with strngs
						258.00	259.00	E840854	0.02	QZ-CA		1				Brown UM
						259.00	260.00	E840855	0.04	QZ-CA		1				A
						260.00	261.00	E840856	0.03	QZ-CA		1				A

Survey				
Depth(m)	Depth(m)	Azimuth	Dip	Remarks
	0.00	360	-60	JJ
	51.00	0.2	-60.1	
	102.00	0.6	-59	
	153.00	2.1	-59.1	
	204.00	1.7	-59.6	
	255.00	2.9	-59.4	
	306.00	5.2	-59.5	
	357.00	6	-60	

Hole # **RN13-14**

Claim No. P567201, P12583, P12580, 12581

Location

*N. H. H. H.*

Grid Easting Northing Elevation Drill Contractor Core Storage  
 utm27 506228.2 5372601.2 283.77 Major Dome core farm

Date Test Core Size Logged By Length (m) Start Date End Date Remarks  
 3/8/2013 EZ Shot NQ Steve Harding 501 3/1/2013 3/8/2013 Casing making water

Lithology					Assays											
From(m)	To (m)	Remarks	Lithology	Texture	Altn	From	To	Sample#	Au g/t	Veining	% QV	% Py	% Po	% Aspy	VG	Remarks
0.00	27.00	blocky/broken core; loc mn gouge; loc rusty patches; approx 15% LC; wk tc	OB		TC	322.00	323.50	E828182	0.02			0.1				
27.00	41.50	grey/green; wk cl; tc; tr py	UM		CL	323.50	325.00	E828183	0.01	QZ-AK		0.1				
41.50	43.50	grey/green; wk cl; loc wk-mod vars; loc mn vugs; loc wk fol; mn UM patches; tr py	UM	M	CL	325.00	326.50	E828185	0.01	QZ-AK		0.1				
43.50	77.00	UM/VM?; grey/green-green; wk-mod cl; slightly coarser grained; tr qcs/py	VM	VAR	CL	326.50	327.20	E828186	0.00			0.1				
77.00	91.00	grey/green-green; wk-mod cl; tr py	UM	M	CL	327.20	328.00	E828187	0.07	QZ-AK		2				
91.00	95.00	UM?; grey/green-green; wk-mod cl; coarser grained; tr qcs/py	VM	M	CL	328.00	328.70	E828188	0.49	QZ-AK		6				
95.00	101.50	grey/green; wk cl; loc wk vars; tr qcs/py	VM	M	CL	328.70	329.30	E828189	0.03	QZ-AK		5				
101.50	120.00	grey/green; wk cl; loc wk vars; tr qcs/py	VM	VAR	CL	329.30	329.70	E828190	0.02	QZ-AK		0.5				
120.00	128.30	grey/green-green; wk-mod cl; tr py	VM	M	CL	329.70	330.40	E828191	0.09	QZ-AK		6				fuch UM
128.30	141.30	dk grey-black; wk sr; tc; str magnetic; msv-wk ps; tr qcs/py	UM	M	SR	330.40	331.10	E828193	0.19	QZ-AK		6				10% fuch UM
141.30	149.80	grey/green; wk-mod cl; tr py	VM	M	CL	331.10	332.00	E828194	0.13	QZ-AK		4				
149.80	172.30	grey/green; wk tc; cl; wk ps; loc wk fol; tr py	UM	PS	TC	332.00	332.90	E828195	0.08	QZ-AK		5				
172.30	184.80	lt green/grey; mod-str ab; mn bedding; tr py	VI	FAT	AB	332.90	333.50	E828197	0.13	QZ-AK		1				
184.80	199.80	dk grey-black; wk-mod sr; loc tr-wk tc; msv-wk ps; tr qcs/py	UM	M	SR	333.50	334.00	E828198	0.03	QZ-AK		0.1				
199.80	202.90	grey-grey/green; wk cl; loc por looking; tr qcs/ca stgrs; tr py	MP6	M	CL	334.00	334.50	E828199	0.03	QZ		3				FP9?
202.90	204.00	grey; wk-mod tc; msv-wk ps; tr py	UM	M	TC	334.50	335.50	E828200	0.03	QZ-AK		0.1				
204.00	225.00	grey-grey/green; wk cl; wk-mod ab in top 4m; wk vars; msv; tr qcs/py	VM	VAR	CL	335.50	336.50	E828201	0.02	QZ-AK		0.1				
225.00	237.00	grey/green-green; mod cl; msv w/ cl frags; loc wk fol; tr qcs/py	VM	M	CL	336.50	337.50	E828202	0.00	QZ-AK		0.1				
237.00	262.20	grey; mod tc; wk-mod ps; tr qcs/py	UM	PS	TC	337.50	338.50	E828203	0.01			0.1				
262.20	263.60	red/green; wk-mod he; cl; tr-wk ca; mn ca stgrs/fracs; tr py	MP	M	HE	338.50	339.40	E828205	0.00	QZ-AK		0.1				
263.60	305.00	grey; mod tc; loc mn cl; tr qcs/py	UM	PS	TC	339.40	340.50	E828206	0.06			0.1				
305.00	320.00	grey; wk tc/ak; mod-str ps; tr py	UM	PS	TC	340.50	342.00	E828207	0.00			0.1				
320.00	327.20	grey-grey/brown; mod ak; tr-wk tc; loc mn se; wk ps-msv; tr qas/py	UM	PS	AK	342.00	343.50	E828209	0.00			0.1				
327.20	329.30	grey-grey/tan; tr-str se at lower ct; 1% qas; 4% py	FP9	M	AB	375.00	376.50	E828210	0.01			0.1				
329.30	329.70	bright green; mod-str fuch/ak; msv-wk ps; 5% qas; mn py	UM	M	FU	376.50	378.00	E828211	0.01			0.1				
329.70	332.90	tan/grey; wk-mod se; mod ab; 5% qas; 5% py	FP9	M	SE	378.00	379.00	E828212	0.02			0.1				
332.90	334.00	green/grey; mod fuch/ak; msv-wk ps; 8% qas; mn py	UM	M	FU	379.00	379.90	E828213	0.01			0.1				
334.00	334.50	FP9?; grey/green; mod ab; wk-mod fuch; tr qs; 3% py	FP9	M	AB	379.90	381.00	E828214	0.06	QZ-AK		2				
334.50	335.50	green-grey/green; mod fuch/ak; tr qas/py	UM	PS	FU	381.00	382.00	E828215	0.38	QZ-AK		2				
335.50	339.40	MP6?; grey/green/brown; tr-wk fuch; wk ab; msv-mot; tr qas/py	MP6	M	AB	382.00	383.00	E828216	0.55	QZ-AK		3				
339.40	348.00	grey; wk-mod ak; tr-wk tc; loc tr fuch; wk ps-loc msv; 5% narrow dykes; tr qas/py	UM	PS	AK	383.00	384.00	E828218	0.40	QZ-AK		2				
348.00	351.30	grey/green; wk cl/ak; wk ab?; msv w/ loc cl frags; 55cm UM in middle; tr py	MP6	M	CL	384.00	385.00	E828219	1.16	QZ-AK		6				
351.30	369.00	grey; wk tc/ak; ak pblists; mod ps/bx; tr py	UM	PS	TC	385.00	386.00	E828220	3.95	QZ-AK		5				7cm qas
369.00	376.50	grey; wk-mod ak; tr-wk tc; mod bx/ps; tr py	UM	BX	AK	386.00	387.00	E828221	0.78	QZ-AK		3				
376.50	379.90	grey-grey/green; mod-str ak; loc tr-wk fuch; tr py	UM	BX	AK	387.00	387.80	E828222	1.40	QZ-AK		5				
379.90	385.50	salmon pink-grey/green; mod ab; tr-mod se; 3% qas/qs; 3% py; loc tr cpy	FP5	M	AB	387.80	388.60	E828223	1.30	QZ-AK		6				
385.50	391.50	olive green; mod-str se; mod ab; 7% qas/qs; 5% py; 1spk vg in tiny qz frac @ 389.9m	FP5	M	SE	388.60	389.30	E828224	0.67	QZ-AK		4				
391.50	393.70	FP9?; grey/green-tan; loc tr-mod se/tr-wk cl; wk ak; loc fuch; syen frags; 1% qas; 2% py	MP6	M	SE	389.30	389.80	E828225	0.46	QZ-AK		4				
393.70	395.50	salmon pink-grey/green; mod ab; loc tr-wk se; 7% qas/qs; 7% py	FP5	M	AB	389.80	390.10	E828226	0.99	QZ-AK		6				
395.50	396.20	grey/green; mod ak/fuch; wk ps-msv; 4% qas; tr py	UM	PS	AK	390.10	390.70	E828228	0.86	QZ-AK		5				VG1 qz frac; vg
396.20	399.70	grey; mod ak; tr-wk tc; loc tr fuch; wk ps; tr py	UM	PS	AK	390.70	391.50	E828229	1.22	QZ-AK		7				
399.70	400.30	porph dyke?; grey/brown; mod ab/ak; feld phen?; 1% qas; 1% py	FP12	M	AB	391.50	392.30	E828230	0.54	QZ-AK		0.5				
400.30	406.40	grey; mod ak; tr-wk tc; wk ps-msv; loc dyke frags; tr py	UM	PS	AK	392.30	393.00	E828232	0.43	QZ-AK		2				dyke
406.40	407.20	as above; grey-grey/brown; wk-mod ab; mod ak; 2% qas; 2% py	FP12	M	AB	393.00	393.70	E828233	0.67	QZ-AK		3				dyke
407.20	409.90	grey; mod ak; tr-wk tc; wk ps-msv; tr qas/py	UM	PS	AK	393.70	394.30	E828234	0.70	QZ-AK		7				dyke
409.90	410.70	salmon pink; mod ab; wk cl frags; 8% qas; 8% py	FP5	M	AB	394.30	394.90	E828235	8.98	QZ-AK		8				
410.70	417.00	grey; wk tc/ak; wk ps-msv; tr py	UM	PS	TC	394.90	395.50	E828237	1.56	QZ-AK		7				
417.00	444.00	grey; mod tc; loc mn cl; wk-mod ps; tr qcs/py	UM	PS	TC	395.50	396.20	E828238	0.08	QZ-AK		0.1				
444.00	501.00	grey-grey/green; wk-mod tc; wk cl; wk ps-msv; tr py; 5% ab sed frags in lower 9.5m; EOH.	UM	PS	TC	396.20	397.00	E828239	0.01			0.1				
						397.00	398.00	E828240	0.01			0.1				
						398.00	399.00	E828241	0.00			0.1				
						399.00	399.70	E828242	0.01			0.1				
						399.70	400.30	E828243	0.00	QZ-AK		1				porph dyke
						400.30	401.00	E828244	0.00			0.1				
						401.00	402.50	E828245	0.00			0.1				
						402.50	404.00	E828247	0.00			0.1				10% dyke frags

Survey				
Depth(m)	Depth(m)	Azimuth	Dip	Remarks
	0.00	360	-60	JJ
	51.00	0.2	-60.1	
	102.00	0.6	-59	
	153.00	2.1	-59.1	
	204.00	1.7	-59.6	
	255.00	2.9	-59.4	
	306.00	5.2	-59.5	
	357.00	6	-60	

Hole # **RN13-14**

Claim No. P567201, P12583, P12580, 12851 Location

Grid Easting Northing Elevation Drill Contractor Core Storage  
 utm27 506228.2 5372601.2 283.77 Major Dome core farm

Date Test Core Size Logged By Length (m) Start Date End Date Remarks  
 3/8/2013 EZ Shot NQ Steve Harding 501 3/1/2013 3/8/2013 Casing making water

Lithology						Assays										
From(m)	To (m)	Remarks	Lithology	Texture	Altn	From	To	Sample#	Au g/t	Veining	% QV	% Py	% Po	% Aspy	VG	Remarks
						405.50	406.40	E828249	0.01			0.1				
						406.40	407.20	E828250	0.03	QZ-AK		2				porph dyke
						407.20	408.00	E828251	0.00			0.1				
						408.00	409.20	E828253	0.00			0.1				
						409.20	409.90	E828254	0.01	QZ-AK		0.1				
						409.90	410.70	E828255	0.47	QZ-AK		8				syenite dyke
						410.70	411.50	E828257	0.01	QZ-AK		0.1				
						411.50	412.50	E828258	0.01			0.1				
						412.50	414.00	E828259	0.00			0.1				

Survey			
Depth(m)	Depth(m)	Azimuth	Dip
	0.00	360	-75
	51.00	358	-74.6
	102.00	357.8	-74.3
	153.00	359.2	-74.3
	204.00	359.3	-74.2
	255.00	0.8	-73.8
	306.00	0.6	-73.9
	357.00	2.3	-73.6

Hole # **RN13-15**

Claim No. P567201, P12583

Location

Grid utm27 Easting 506228.2 Northing 5372601.0 Elevation 283.77 Drill Contractor Major Core Storage Dome core farm

*Handwritten signature*

Date 2/27/2013 Test EZ Shot Core Size NQ Logged By Steve Harding Length (m) 585 Start Date 2/21/2013 End Date 3/1/2013 Remarks

Lithology				Assays												
From(m)	To (m)	Remarks	Lithology	Texture	Altn	From	To	Sample#	Au g/t	Veining	% QV	% Py	% Po	% Aspy	VG	Remarks
0.00	27.50		OB			204.50	206.00	E828027	0.00			0.1				
27.50	87.00	grey/green-green,wk-mod cl,loc wk vars,blocky in top 3m;loc vuggy;tr qcs/py	VM	VAR	CL	206.00	206.80	E828028	0.00			0.1				
87.00	91.00	grey/green,wk tc/cl,msv-wk ps,tr qcs/py	UM	M	TC	206.80	207.60	E828029	0.00	QZ-CA		0.5				
91.00	115.50	grey/green,wk-mod cl,loc wk vars;fol;tr qcs/py	VM	VAR	CL	207.60	208.40	E828030	0.04	QZ		0.1				
115.50	173.00	green-grey/green w/ tiny wh spks,mod cl,tr qcs/py	VM	M	CL	208.40	209.20	E828032	0.02	QZ-CA		0.1				
173.00	178.00	grey/green,wk cl,wk var;fol;tr py	VM	PIL	CL	209.20	210.20	E828033	0.02	QZ-CA		0.1				
178.00	180.00	grey/green,wk cl;tr py	MP6	M	CL	210.20	211.00	E828034	1.15	QZ-CA		1				10% fuch frags w/ py
180.00	187.00	grey/green,wk cl,wk vars;loc wk fol;tr qcs/py	VM	VAR	CL	211.00	212.00	E828035	0.08	QZ		0.1				
187.00	195.50	grey/green-grey,mod tc;wk cl,wk ps,loc wk fol;tr qcs/py	UM	PS	TC	212.00	213.00	E828036	0.12	QZ		0.1				
195.50	195.80	dyke?;green,msv;mod cl;tr py	VM	M	CL	213.00	213.70	E828038	0.14	QZ		0.5				
195.80	206.80	grey-grey/green,mod tc;tr-wk cl,wk-mod ps,tr qcs/py	UM	PS	TC	213.70	214.40	E828039	0.10	QZ		1				
206.80	230.10	grey-tan;str ab;loc wk-str se usually around stgrs;5% qs/qcs;tr py	VI	FAT	AB	214.40	215.00	E828040	0.08	QZ		2				
230.10	231.10	grey/green,wk cl;2% qcs;3% qcs;2% py	MP	M	CL	215.00	216.00	E828041	0.01	QZ		0.5				
231.10	239.70	grey-grey/green,wk tc;tr-wk cl,wk ps;msv;tr py	UM	PS	TC	216.00	217.00	E828042	0.03	QZ		0.1				
239.70	247.80	grey/green-green,wk-mod cl,wk vars;pil;tr qcs/py	VM	VAR	CL	217.00	218.00	E828043	0.01	QZ-CA		0.1				
247.80	249.30	grey/green,wk-mod cl,wk ca;tr qcs;mn py	MP	M	CL	218.00	218.60	E828045	0.08	QZ-CA		3				3cm qcs
249.30	253.00	grey/green-green,wk-mod cl,wk vars;pil;grad lower cl;tr qcs/py	VM	VAR	CL	218.60	219.60	E828046	0.06	QZ		0.5				
253.00	267.00	grey/green,wk tc/cl,msv;tr qcs/py	UM	M	TC	219.60	220.80	E828047	0.15	QZ		0.5				
267.00	276.80	grey,wk tc/ak,wk-mod ps,loc wk fol;tr py	UM	PS	TC	220.80	221.60	E828048	0.11	QZ		0.1				
276.80	277.10	blocky/broken core;wk gouge	FZ		TC	221.60	222.60	E828050	0.01	QZ		0.1				
277.10	278.00	dyke/ab seds/mafic?;grey/green;mod-str ab,cl cts;3% qz flooding;tr py	MP	M	AB	222.60	223.60	E828051	0.00	QZ-CA		0.1				
278.00	281.40	grey,wk tc/ak,mn cl,wk fol;tr qcs/py	UM	PS	TC	223.60	224.30	E828052	0.01	QZ		0.5				
281.40	284.90	grey/brown;mod ab;loc tr-wk se,cl spks thruout;1-2% qas,1% py	MP6	M	AB	224.30	225.00	E828053	0.00	QZ-CA		0.1				
284.90	301.50	grey,wk-mod ak,wk tc;mod-str ps,wk fol;tr qas/py	UM	PS	AK	225.00	225.70	E828054	0.01	QZ-CA		0.1				
301.50	304.20	grey/green-green;mod-str fuch;mod ak,wk ps-msv,wk fol;tr qas/py	UM	PS	FU	225.70	226.70	E828056	0.00	QZ-CA		0.1				
304.20	306.60	grey;mod-str ak,mn tc;mod ps/bx;wk fol;tr qas/py	UM	PS	AK	226.70	227.70	E828057	0.02	QZ-CA		0.5				
306.60	307.50	grey,wk ab,mod ak,loc cl frags,mn py	MP6	M	AB	227.70	228.30	E828058	0.01			0.1				
307.50	354.00	grey,wk-mod tc,wk ak;tr qas/py;10cm & 20cm dykes @ 307.9 & 312.3m;4-5 narrow mafic dykes from 340-342.5m	UM	PS	TC	228.30	229.30	E828059	0.02			0.5				
354.00	355.00	mafic dyke	MP	M	CL	229.30	230.10	E828060	0.02	QZ		1				
355.00	359.80	grey/green,wk tc/cl,wk ps;tr py;30% mafic dykes	UM	PS	TC	230.10	231.10	E828061	0.03	QZ-CA		2				inafic dyke
359.80	363.80	mafic dyke,1% qcs/ca stgrs;tr py	MP	M	CL	231.10	232.00	E828062	0.01			0.1				
363.80	403.20	grey/green,wk tc/cl;loc narrow syen/mafic dykes/ab seds?;tr qcs/py	UM	PS	TC	232.00	233.50	E828063	0.00			0.1				
403.20	408.70	dyke?;dk grey/green/brown,wk cl/ca,msv;1% ca stgrs;tr py	MP	VAR	CL	233.50	234.50	E828064	0.00			0.1				
408.70	421.80	grey-grey/green,wk-mod ak, tr-wk tc;loc mn cl/se,msv-wkly ps;tr qas/py	UM	M	AK	234.50	235.50	E828065	0.00	QZ-CA		0.1				
421.80	424.40	brown-loc green/pink;mod-str ab;loc tr-wk se;2% qas;5% py	FP9	M	AB	235.50	236.50	E828067	0.00	QZ-CA		0.1				dyke/seds?
424.40	426.00	grey/brown;mod-str ak,wk se;loc fuch spks;msv-loc bx;tr qas/py;6cm FP9 frag @ 425.4m	UM	M	AK	236.50	237.50	E828069	0.00			0.1				5% syen frags
426.00	428.10	brown-olive green;mod ab,wk-mod se;1-2% qas;3% py	FP9	M	AB	237.50	238.50	E828070	0.03	QZ-CA		0.1				
428.10	430.20	green;mod-str fuch,mod ak,msv-wkly bx;loc wk fol;tr qas/py	UM	M	FU	238.50	239.50	E828071	0.00			4				
430.20	438.10	olive green/grey/pink;mod-str se;4% qs/qas;6% py;loc tr ga	FP5	M	SE	239.50	240.50	E828072	0.08	QZ-AK		0.1				
438.10	443.50	salmon pink-loc olive green;loc tr-mod se;3% qs/qas;5% py;loc tr ga	FP5	M	SE	240.50	241.50	E828073	0.21	QZ		2				
443.50	475.00	olive green;str se;3% qs/qas;6% py;1 tiny spk vg in 0.5cm qs @ 467.9m	FP5	M	SE	241.50	242.50	E828074	0.65	QZ-AK		4				
475.00	479.80	salmon pink;mod ab;loc mn se;4% qs/qas;6% py	FP5	M	SE	242.50	243.50	E828075	0.76	QZ-AK		2				
479.80	481.50	olive green/grey,wk-mod se;mod ab;6% qs,qas;6% py	FP5	M	SE	243.50	244.50	E828077	0.00			0.1				
481.50	481.70	grey/brown;mod-str ak,wk se;3% qas;tr py	UM	PS	AK	244.50	245.50	E828078	0.02			0.1				
481.70	486.60	grey/pink-olive green;mod ab;loc tr-str se;loc por;3% qs/qas;7% py	FP5	M	AB	245.50	246.50	E828079	0.00	QZ-AK		0.1				
486.60	489.80	dk grey,wk-mod tc,wk ak at top ct;2% qas/qcs;tr py	UM	PS	TC	246.50	247.50	E828080	0.01			0.1				
489.80	585.00	dk grey,wk-mod tc;loc tr-wk cl,wk ps-msv;loc narrow dykes/frags < 40cm wide;tr qcs/py;30cm si seds? @ 530m;EOH.	UM	PS	TC	247.50	248.50	E828081	0.01			0.1				
						248.50	249.50	E828082	0.04	QZ-AK		0.1				
						249.50	250.50	E828084	0.02			0.1				
						250.50	251.50	E828085	0.01	QZ-AK		0.1				
						251.50	252.50	E828086	0.30			0.1				
						252.50	253.50	E828087	0.03			0.5				10cm dyke
						253.50	254.50	E828088	0.03			0.1				
						254.50	255.50	E828089	0.02			0.1				
						255.50	256.50	E828090	0.00			0.1				
						256.50	257.50	E828091	0.12	QZ-AK		0.1				
						257.50	258.50	E828092	0.04	QZ-AK		0.1				
						258.50	259.50	E828093	0.05			0.1				

Survey				Remarks
Depth(m)	Depth(m)	Azimuth	Dip	
	0.00	360	-75	
	51.00	358	-74.6	
	102.00	357.8	-74.3	
	153.00	359.2	-74.3	
	204.00	359.3	-74.2	
	255.00	0.8	-73.8	
	306.00	0.6	-73.9	
	357.00	2.3	-73.6	

Hole # **RN13-15**

Claim No. P567201, P12583

Location

Grid Easting Northing Elevation Drill Contractor Core Storage  
 utm27 506228.2 5372601.0 283.77 Major Dome core farm

Date Test Core Size Logged By Length (m) Start Date End Date Remarks  
 2/27/2013 EZ Shot NQ Steve Harding 585 2/21/2013 3/1/2013

Lithology

Assays

From(m)	To (m)	Remarks	Lithology	Texture	Altn	From	To	Sample#	Au g/t	Veining	% QV	% Py	% Po	% Aspy	VG	Remarks
421.00	421.80					421.00	421.80	E828094	0.01	QZ-AK		0.1				
421.80	422.50					421.80	422.50	E828095	0.05	QZ-AK		6				
422.50	423.20					422.50	423.20	E828096	0.23	QZ-AK		4				
423.20	423.80					423.20	423.80	E828097	1.36	QZ-AK		5				
423.80	424.40					423.80	424.40	E828099	0.09			3				
424.40	424.90					424.40	424.90	E828100	0.01			0.1				
424.90	425.50					424.90	425.50	E828101	0.07	QZ-AK						6cm FPg
425.50	426.00					425.50	426.00	E828102	0.04	QZ-AK		0.1				
426.00	426.70					426.00	426.70	E828103	0.13	QZ-AK		4				
426.70	427.40					426.70	427.40	E828104	0.04	QZ-AK		3				
427.40	428.10					427.40	428.10	E828105	0.13	QZ-AK		4				
428.10	429.10					428.10	429.10	E828106	0.01	QZ-AK		0.1				
429.10	430.20					429.10	430.20	E828108	0.04	QZ-AK		0.1				
430.20	431.00					430.20	431.00	E828109	0.01	QZ-AK		2				
431.00	432.00					431.00	432.00	E828110	0.03	QZ		5				
432.00	433.00					432.00	433.00	E828112	0.02	QZ-AK		6				
433.00	434.00					433.00	434.00	E828113	1.04	QZ		5				
434.00	435.00					434.00	435.00	E828114	0.25	QZ		6				
435.00	436.00					435.00	436.00	E828115	0.07	QZ		6				
436.00	437.00					436.00	437.00	E828117	0.02	QZ		6				
437.00	438.00					437.00	438.00	E828118	0.26	QZ		7				
438.00	439.00					438.00	439.00	E828119	0.03	QZ		7				
439.00	440.00					439.00	440.00	E828120	0.29	QZ		8				
440.00	441.00					440.00	441.00	E828121	0.34	QZ		7				
441.00	442.00					441.00	442.00	E828122	0.25	QZ		7				
442.00	443.00					442.00	443.00	E828124	0.10	QZ		6				
443.00	444.00					443.00	444.00	E828125	0.12	QZ		5				
444.00	445.00					444.00	445.00	E828126	0.06	QZ		5				
445.00	446.00					445.00	446.00	E828128	0.12	QZ		5				
446.00	447.00					446.00	447.00	E828129	0.04	QZ		8				
447.00	448.00					447.00	448.00	E828130	0.20	QZ		6				
448.00	449.00					448.00	449.00	E828131	0.20	QZ		8				
449.00	450.00					449.00	450.00	E828132	0.03	QZ		7				
450.00	451.00					450.00	451.00	E828133	0.06	QZ		7				
451.00	452.00					451.00	452.00	E828134	0.04	QZ		7				
452.00	453.00					452.00	453.00	E828135	0.11	QZ		8				
453.00	454.00					453.00	454.00	E828137	0.08	QZ		7				
454.00	455.00					454.00	455.00	E828138	0.04	QZ		7				
455.00	456.00					455.00	456.00	E828139	0.08	QZ		6				
456.00	457.00					456.00	457.00	E828140	0.24	QZ		7				
457.00	458.00					457.00	458.00	E828141	0.36	QZ-AK		5				
458.00	459.00					458.00	459.00	E828142	0.25	QZ		5				
459.00	460.00					459.00	460.00	E828143	0.16	QZ-AK		4				
460.00	461.00					460.00	461.00	E828145	0.12	QZ		3				
461.00	462.00					461.00	462.00	E828146	0.28	QZ		4				
462.00	463.00					462.00	463.00	E828147	0.60	QZ		3				
463.00	464.00					463.00	464.00	E828149	0.94	QZ		4				
464.00	465.00					464.00	465.00	E828150	0.06	QZ		5				
465.00	466.00					465.00	466.00	E828151	0.49	QZ		3				
466.00	467.00					466.00	467.00	E828152	2.95	QZ		3				
467.00	467.70					467.00	467.70	E828153	0.48	QZ		3				
467.70	468.00					467.70	468.00	E828154	0.99	QZ		5				
468.00	469.00					468.00	469.00	E828156	0.31	QZ		3				
469.00	470.00					469.00	470.00	E828157	0.69	QZ		7				
470.00	471.00					470.00	471.00	E828158	0.60	QZ		5				
471.00	472.00					471.00	472.00	E828159	0.41	QZ		6				
472.00	473.00					472.00	473.00	E828160	0.28	QZ		6				
															VG1	0.5cm qs,vg

Survey				Remarks
Depth(m)	Depth(m)	Azimuth	Dip	
	0.00	360	-75	
	51.00	358	-74.6	
	102.00	357.8	-74.3	
	153.00	359.2	-74.3	
	204.00	359.3	-74.2	
	255.00	0.8	-73.8	
	306.00	0.6	-73.9	
	357.00	2.3	-73.6	

Hole # **RN13-15**

Claim No. P567201, P12583

Location

Grid utm27 Easting 506228.2 Northing 5372601.0 Elevation 283.77 Drill Contractor Major Core Storage Dome core farm

Date 2/27/2013 Test EZ Shot Core Size NQ Logged By Steve Harding Length (m) 585 Start Date 2/21/2013 End Date 3/1/2013 Remarks

Lithology

Assays

From(m)	To (m)	Remarks	Lithology	Texture	Altn	From	To	Sample#	Au g/t	Veining	% QV	% Py	% Po	% Aspy	VG	Remarks
473.00	474.00					473.00	474.00	E828161	0.81	QZ						8
474.00	475.00					474.00	475.00	E828162	0.96	QZ						7
475.00	476.00					475.00	476.00	E828164	0.83	QZ						5
476.00	477.00					476.00	477.00	E828165	1.57	QZ						6
477.00	478.00					477.00	478.00	E828166	2.84	QZ						5
478.00	479.00					478.00	479.00	E828167	4.96	QZ						6
479.00	480.00					479.00	480.00	E828169	0.53	QZ						6
480.00	481.00					480.00	481.00	E828170	1.32	QZ						7
481.00	481.50					481.00	481.50	E828171	0.21	QZ						6
481.50	481.70					481.50	481.70	E828172	0.02	QZ-AK						0.1
481.70	482.70					481.70	482.70	E828173	0.14	QZ						4
482.70	483.70					482.70	483.70	E828174	0.59	QZ-AK						7
483.70	484.70					483.70	484.70	E828175	0.80	QZ						7
484.70	485.70					484.70	485.70	E828177	3.57	QZ						8
485.70	486.60					485.70	486.60	E828178	1.71	QZ						8
486.60	487.30					486.60	487.30	E828179	0.02	QZ-AK						0.1
487.30	488.80					487.30	488.80	E828180	0.01	QZ-CA						0.1
488.80	489.80					488.80	489.80	E828181	0.01	QZ-CA						0.1



Survey				
Depth(m)	Depth(m)	Azimuth	Dip	Remarks
	0.00	360	-50	
	24.00	358.1	-50.5	JJ
	75.00	1	-51	Az adjusted
	126.00	4	-50.8	
	177.00	3.5	-50.7	
	228.00	2.8	-50.2	
	279.00	4.5	-50.2	
	330.00	4.9	-50.2	

Hole # **RN13-16**

Claim No. P567201, P12581

Location

Grid utm27 Easting 506496.3 Northing 5372715.4 Elevation 287.42 Drill Contractor Major Core Storage Dome core farm

Date 3/12/2013 Test EZ Shot Core Size NQ Logged By Saralyn Horvath Length (m) 351 Start Date 3/2/2013 End Date 3/6/2013 Remarks

Lithology

Assays

From(m)	To (m)	Remarks	Lithology	Texture	Altn	From	To	Sample#	Au g/t	Veining	% QV	% Py	% Po	% Aspy	VG	Remarks
0.00	13.00	Dark green to black; fine grained; very magnetic, hard, few qtz carb stringers; very broken up unit, around 30 m texture really changes to massive and hard; py usually observed on fracture surfaces	CAS	M	SR	173.40	174.90	E796267	0.00	QZ		0.1	0.1			5mm qtz chl stringer running subparallel TCA
13.00	95.30	Dark green to black; fine grained, moderate hardness; frequent textural changes, moderate magnetism, few calcitic/qtz stringers; extremely gradational contact	UM	PS	SR	174.90	175.40	E796269	0.00			0.1	0.1			
95.30	123.30	Dark green to black; fine grained; moderate hardness; frequent textural changes, moderate magnetism, few calcitic/qtz stringers; extremely gradational contact	UM	PS	SR	175.40	176.00	E796270	0.00	QZ-TO		0.1	0.25			7 qtz tour chl stringers 5mm-1.5cm, all at approx 60 TCA except first stringer at 30 TCA, few fine stringers
123.30	137.80	Dark green to black; fine grained; few carb stringers, trace sulphides, moderate hardness; weak to moderate magnetism; 135.4m becomes greyer; lower contact is broken	UM	PS	SR											very fine stringers
137.80	145.50	Green to locally beige, very fine to fine grained; brecciated sections, hard unit; lower contact hard to determine - broken?	VI	FAT	AB	176.00	176.50	E796271	0.00	QZ		0.1	0.1			few fine stringers; fine band of po and cpy
145.50	169.60	Grey with slight greenish tinge; fine grained; trace py to 2% locally; tr cpy; few qtz carb stringers; very weakly magnetism	VM	M	CL	176.50	178.00	E796272	0.00	QZ		0.1	0.5			
169.60	195.30	Green; fine to coarse grained, graded bedding in sections obvious; few qtz tour chl stringers; trace py, cpy, po in veins; very hard; 185.3m rubble; lower contact broken	VI	FAT	AB	217.60	219.10	E796273	0.00			0.1				
195.30	219.60	Dark green to black, fine grained, soft; weakly magnetic; few qtz carb stringers; trace py overall with sections of coarse grained well formed py, lower contact sharp defined by qtz calcite stringer at 65 TCA	UM	PS	TC	219.10	219.60	E796274	0.00			0.25				
219.60	220.00	Dark reddish brown black; fine to medium grained; few fine carb stringers; pervasive carb alteration; sharp lower contact at 55 TCA	UM	PS	TC	219.60	220.00	E796275	0.01	QZ-CA		0.1				
220.00	228.00	Dark green to black; fine grained; moderate to soft hardness, trace py; weak serpentinization; 225.4m minor fault; lower contact is sharp and irregular	UM	PS	AK	220.00	220.50	E796277	0.00	QZ-CA		0.1				
228.00	229.10	Salmon pink to red; fine grained groundmass with medium to coarse grained phenos; few quartz stringers; 3% py; lower contact somewhat irregular at high angle TCA	UM	PS	AK	220.50	222.00	E796278	0.00			0.25				
229.10	230.50	Dark brown; fine grained; trace py; moderate hardness; few qtz stringers; lower contact irregular	UM	PS	AK	222.00	222.50	E796279	0.00	QZ-AK		0.1				
230.50	232.80	Olive green; fine grained groundmass with medium grained phenos; few qtz stringers; some with strong muscovite on edges, 1.5% py, locally up to 5%	FP5	POR	SE	222.50	225.00	E796280	0.00			0.1				
232.80	238.00	Light pink to light green; fine grained groundmass with medium to coarse grained phenos; approx 1% py, locally up to 2%; trace cp and galena, qtz stringers and qtz ank stringers/veins	FP5	POR	AB	225.00	226.50	E796281	0.03	QZ-AK		0.1				
238.00	240.20	Olive green; fine grained groundmass with medium to low coarse grained phenos; few qtz stringers; VG, 1% py up to 5% locally	FP5	POR	SE	226.50	227.50	E796282	0.00			0.1				
240.20	240.60	Bull white quartz vein; trace py and galena; spotted and fine cracks of ank alteration; possibly weak potassic alteration; contacts irregular; lower contact very irregular over 10cm	QV	MV	AK	227.50	228.00	E796284	0.00	QZ-AK		0.1				
240.60	246.10	Olive green; fine grained groundmass with medium to coarse grained phenos, very few stringers; trace py to 2% locally, trace galena	FP5	POR	SE	228.00	228.40	E796285	0.81	QZ		3				
246.10	247.80	Bull white quartz vein; approx 25-30% syenite running subparallel TCA; vein cut at low angle with contacts of 20-30TCA; trace py in vein; up to 1% in syenite	QV	MV	AK	228.40	229.10	E796286	1.60	QZ-TO		3	0.1			
247.80	251.70	Olive green; fine grained groundmass with medium grained to few coarse grained phenos; few qtz stringers and fine stringers; but mainly quartz "blebs" or flooding; 1% py to 5% locally including in bands; trace galena, sharp irregular lower contact	FP5	POR	SE	229.10	229.90	E796287	0.01	QZ-AK		0.1				
251.70	255.40	Grey to somewhat bright green; fine grained; distinct textural changes; 253.3-253.5m is brecciated, few qtz str/veins; trace py, 252.3-252.4m grey syenite? UC at 60 TCA; LC at 70 TCA with late qtz stringer (cuts both um and syenite) & up to 10% py	UM	PS	AK	229.90	230.50	E796288	0.01			0.1				
255.40	258.40	Dark grey, fine grained, few quartz stringers; trace py	UM	PS	AK	230.50	231.30	E796289	1.84	QZ		0.5				
258.40	261.30	Green to grey; fine grained; few irregular stringers; trace py	UM	PS	AK	231.30	232.10	E796291	1.77	QZ		2				
261.30	272.00	Dark grey; fine grained; few qtz ank stringers; trace py; magnetic unit; moderate hardness	UM	PS	AK	232.10	232.80	E796292	1.62	QZ		2.5				
272.00	272.70	Dark pink to red; fine grained groundmass with mainly medium grained phenos; 0.75% py, few irregular qtz stringers; sharp contacts UC at 60 TCA; LC at 70 TCA	FP5	POR	AB	232.80	233.60	E796293	0.65	QZ		1				
272.70	279.70	Dark grey to black; fine grained; weak to moderately magnetic; few qtz ank stringers/veins; trace py overall; moderate hardness	UM	PS	AK	233.60	234.10	E796294	0.00	QZ		0.5				
279.70	286.00	Dark green; fine grained; few carb stringers usually irregular; trace py overall; locally up to 0.5%	UM	PS	AK	234.10	235.10	E796295	0.64	QZ		0.25				
286.00	303.30	Dark grey to black; fine grained; trace py overall; weakly magnetic; moderate to somewhat soft hardness; chl increases near end of unit; sharp lower contact at approx 70 TCA	UM	PS	TC	235.10	235.40	E796296	1.29	QZ-AK		0.75				
303.30	305.20	Grey with slight pink tinge; fine grained predominantly with occasional medium grained pheno; 0.5% pyrite; lower contact partially broken; at high angle TCA	MP6	POR	AB	235.40	236.00	E796298	3.65	QZ		1				
305.20	310.10	Dark green to black; fine grained; very weakly magnetic; somewhat soft, lower contact at approx 10 TCA chilling diabase margin	UM	PS	TC	236.00	236.60	E796299	4.43	QZ		0.5				
310.10	323.50	Dark grey; fine grained, very massive; few carb stringers, few irregular qtz stringers; very distinct "ping"	UM	PS	TC	236.60	237.00	E796300	1.36	QZ-AK		0.25				
323.50	351.00	Dark grey to black, fine grained; somewhat soft unit, some areas seem foliated at 50-60 TCA; trace py; few ntz calcite stringers; 351m EOH	MP7	M	TC	237.00	238.00	E797001	1.56	QZ		1				
			UM	PS	TC	238.00	238.30	E797002	3.88	QZ		0.75				

Survey				Remarks
Depth(m)	Depth(m)	Azimuth	Dip	
	0.00	360	-50	JJ Az adjusted
	24.00	358.1	-50.5	
	75.00	1	-51	
	126.00	4	-50.8	
	177.00	3.5	-50.7	
	228.00	2.8	-50.2	
	279.00	4.5	-50.2	
	330.00	4.9	-50.2	

Hole # **RN13-16**

Claim No.

P567201, P12581

Location

Grid  
utm27

Easting  
506496.3

Northing  
5372715.4

Elevation  
287.42

Drill Contractor  
Major

Core Storage  
Dome core farm

Date  
3/12/2013

Test  
EZ Shot

Core Size  
NQ

Logged By  
Saralyn Horvath

Length (m)  
351

Start Date  
3/2/2013

End Date  
3/6/2013

Remarks

Lithology

Assays

From(m)	To (m)	Remarks	Lithology	Texture	Altn	From	To	Sample#	Au g/t	Veining	% QV	% Py	% Po	% Aspy	VG	Remarks
						238.30	238.70	E797003	0.69	QZ		1				8 mm stringer in two splays of 4mm; few other irregular stringers; one slightly grey qtz
						238.70	239.00	E797004	1.36	QZ		1			VG1	two somewhat irregular stringers at low (10-15 deg TCA) angles intersect where three spots VG are with py; few spots of qtz
						239.00	239.50	E797006	2.19	QZ		2				3mm at 50 TCA; qtz spots
						239.50	240.20	E797007	2.39	QZ		0.25				6mm at 40 TCA
						240.20	240.60	E797008	0.06	QZ		0.25				
						240.60	241.10	E797009	1.00	QZ		0.75				four fine stringers up to 5mm at approx 40 TCA; small qtz blob
						241.10	241.90	E797010	1.21	QZ		0.75				several irregular qtz stringers; veins, some grey qtz; one large cut vein? on half of core; irregular 4 cm vein at approx 40 TCA
						241.90	242.70	E797011	0.35	QZ		1.5				qtz and qtz ank stringers and blobs
						242.70	243.60	E797012	0.50			0.5				
						243.60	244.20	E797013	0.25	QZ		0.5				1 and 3 mm stringers at 35 TCA
						244.20	245.20	E797014	1.17			0.25				
						245.20	246.00	E797016	0.87			0.25				few very fine irregular stringers
						246.00	246.60	E797017	0.45			0.25				
						246.60	247.20	E797018	0.02	QZ		0.25				
						247.20	247.80	E797020	0.14	QZ		0.25				
						247.80	248.50	E797021	3.82	QZ		2				5mm at 20 TCA crosscutting grey fine stringer running subparallel TCA with patches of py
						248.50	249.10	E797022	2.98	QZ		1				few irregular stringers and patchy qtz
						249.10	249.80	E797023	4.22	QZ		2				few fine stringers; mainly little flooded areas or "patchy areas" of qtz
						249.80	250.70	E797024	4.82	QZ		2				few fine stringers at approx 20-30 TCA; few blobs of qtz
						250.70	251.30	E797025	1.35	QZ		3				irregular fine stringers and few blebs of qtz; fine band of py and galena
						251.30	251.70	E797027	0.60	QZ		0.5				several fine stringers crosscutting each other; one bleb qtz with muscovite/sericite
						251.70	252.20	E797028	0.12	QZ-AK		0.25				
						252.20	252.50	E797029	0.03	QZ		3				stringers approx subparallel TCA; 252.3-252.4m grey syenite? UC at 60 TCA; LC at 70 TCA with late qtz stringer (cuts both um and syenite) and up to 10% py
						252.50	253.50	E797030	0.03	QZ-AK		0.5				1.5 cm syenite? at 60 TCA; 1 cm broken stringer
						253.50	254.20	E797031	0.03	QZ-AK		0.5				textural change for second half of sample where most of py is
						254.20	254.80	E797032	0.20	QZ-AK		0.25				2 cm; 1.5 cm at 50 TCA; few other stringers and brecciated quartz
						254.80	255.40	E797034	0.03	QZ		0.1				irregular stringer
						255.40	256.20	E797035	0.01	QZ-AK		0.1				

Survey				
Depth(m)	Depth(m)	Azimuth	Dip	Remarks
	0.00	360	-50	
	24.00	358.1	-50.5	JJ
	75.00	1	-51	Az adjusted
	126.00	4	-50.8	
	177.00	3.5	-50.7	
	228.00	2.8	-50.2	
	279.00	4.5	-50.2	
	330.00	4.9	-50.2	

Hole # **RN13-16**

Claim No. P567201, P12581

Location

Grid Easting Northing Elevation Drill Contractor Core Storage  
 utm27 506496.3 5372715.4 287.42 Major Dome core farm

Date Test Core Size Logged By Length (m) Start Date End Date Remarks  
 3/12/2013 EZ Shot NQ Saralyn Horvath 351 3/2/2013 3/6/2013

Lithology

Assays

From(m)	To (m)	Remarks	Lithology	Texture	Altn	From	To	Sample#	Au g/t	Veining	% QV	% Py	% Po	% Aspy	VG	Remarks
						256.20	257.30	E797037	0.00	QZ-AK		0.1				
						257.30	258.40	E797038	0.02			0.1				
						258.40	258.90	E797039	0.04	QZ-AK		0.25				
						258.90	260.00	E797040	0.00	QZ-AK		0.5				4.5 cm at 30 TCA; hematite; vuggy 5mm at 30 TCA; offset 2 cm dyke at beginning of sample? with most of py 7mm at 75 TCA
						260.00	261.30	E797041	0.03	QZ-AK		0.1				
						261.30	262.80	E797042	0.00	QZ-AK		0.1				
						262.80	264.10	E797043	0.01	QZ-AK		0.1				vuggy stringers
						264.10	265.50	E797044	0.02	QZ-AK		0.1				very irregular; vuggy
						265.50	267.00	E797045	0.03	QZ-AK		0.1				
						267.00	268.50	E797047	0.00			0.1				irregular stringers
						268.50	270.00	E797048	0.00			0.1				
						270.00	271.50	E797049	0.01			0.1				
						271.50	272.00	E797050	0.00			0.25				
						272.00	272.50	E797051	0.01			0.5				fine stringers subparallel TCA
						272.50	273.20	E797053	0.03	QZ		0.25				4mm stringer subparallel TCA
						273.20	274.70	E797054	0.05			0.1				
						274.70	275.40	E797055	0.00			0.1				
						275.40	275.70	E797056	2.51	QZ-AK		0.1				4.5 cm vein at 70 TCA
						275.70	276.20	E797058	0.00			0.1				
						276.20	277.70	E797059	0.00			0.25				
						277.70	279.00	E797060	0.03	QZ-AK		0.1				irregular
						301.30	302.80	E797061	0.04	QZ-AK		0.1				1.5 cm at low angle TCA over 30 cm; few irregular stringers very irregular 1.5 cm stringer; one other irregular stringer
						302.80	303.30	E797062	0.00	QZ		0.1				
						303.30	304.30	E797063	0.34			0.5				
						304.30	305.20	E797065	0.31			0.5				
						305.20	305.70	E797066	0.01			0.1				
						305.70	307.20	E797067	0.01			0.1				

Survey				
Depth(m)	Depth(m)	Azimuth	Dip	Remarks
	0.00	360	-65	
	21.00	2	-65.5	
	72.00	3.2	-66	
	123.00	1.4	-65.9	
	174.00	0.2	-65.8	
	225.00	0.7	-65.6	
	276.00	1.3	-65.8	
	327.00	2.3	-65.5	

Hole # **RN13-17**

Claim No. P567201, P12581

Location

*S. Kelly*

Grid utm27 Easting 506496.3 Northing 5372715.2 Elevation 287.42 Drill Contractor Major Core Storage Dome core farm

Date 3/20/2013 Test EZ Shot Core Size NQ Logged By Saralyn Horvath Length (m) 450 Start Date 3/6/2013 End Date 3/12/2013 Remarks Casing making water

Lithology							Assays									
From(m)	To (m)	Remarks	Lithology	Texture	Altn	From	To	Sample#	Au g/t	Veining	% QV	% Py	% Po	% Aspy	VG	Remarks
0.00	12.00	Dark green or grey to black; fine grained; few carb stringers; trace py; strongly magnetic; moderate hardness; 20.5-23.7m very broken and rubbly; few textural changes	CAS			168.90	169.90	E797068	0.00	QZ-AK		0.1				
12.00	74.60	Dark green to black; fine grained; few carb stringers; trace py; strongly magnetic; moderate to hard	UM	M	SR	169.90	170.80	E797069	0.00	QZ-AK		0.1				
74.60	79.00	Dark green to black; fine grained; few carb stringers; trace py; strongly magnetic; moderate to hard	UM	M	SR	170.80	171.20	E797070	0.01	QZ-AK		0.1				
79.00	95.30	Dark green or grey to black; fine grained; few textural changes; strongly magnetic; trace py; few qtz carb stringers; moderate hardness	UM	M	SR	171.20	172.20	E797072	0.00	QZ-AK		0.1				
95.30	102.70	Dark green to black; fine grained; few competent pieces; trace py; few carb/qtz stringers; moderate to hard hardness	FZ	M	SR	190.60	191.60	E797073	0.01	QZ-CA		0.1				4mm at 35 TCA; 3 mm; 3mm stringers at 45 TCA
102.70	115.00	Dark green to black; fine grained; few carb stringers; strongly magnetic; somewhat hard	FZ	M	SR	191.60	192.20	E797074	0.33	QZ-CA		1				5mm; 2cm; 2cm; 6mm; 1cm; 5mm all parallel at 50-60 TCA few stringers
115.00	161.20	Dark grey to green; fine grained; magnetic; trace py; few qtz carb stringers/veins; moderate hardness	UM	M	SR	192.20	193.20	E797075	0.05	QZ-CA		0.1				
161.20	164.70	Dark grey green to black; fine grained; several gouges - many cemented; several irregular calcite/qtz stringers; many competent pieces; magnetic; soft	UM	PS	SR	225.70	226.70	E797076	0.00	QZ-CA		0.1				irregular
164.70	182.20	Dark grey green to black; fine grained; few carb qtz stringers; magnetic with local stronger magnetism; somewhat soft unit; 169.9-171.8m irregular very quartz ank (look calcitic) veining of approx 60% of interval	FZ	M	TC	226.70	227.00	E797078	0.00	QZ-CA		0.1				irregular
182.20	206.20	Dark grey with slight green tinge; fine grained; few spots with qtz eyes; several qtz stringers and veins; trace py overall; up to 1% associated with veining; section of blocky core	UM	PS	TC	227.00	227.30	E797079	0.00	QZ-CA		0.25				Bull white/pinkish vein; upper contact at 50 TCA, lower contact somewhat irregular approx 40 TCA; fracture filled chlorite; trace py in bleb
206.20	226.70	Dark grey to black; fine grained; few veins/stringers; trace py overall; soft; weakly magnetic	VM	M	AK	227.30	227.80	E797080	0.00	QZ-CA		0.1				
226.70	227.10	Green; fine grained; spotted carb; few carb stringers; trace py	UM	M	CL	227.80	229.00	E797081	0.00	QZ-CA		0.1				three 1 cm stringers parallel at approx 60-70 TCA
227.10	227.20	Bull white/pinkish vein; upper contact at 50 TCA; lower contact somewhat irregular approx 40 TCA; fracture filled chlorite; trace py in bleb	VM	M	CA	261.80	262.80	E797082	0.00	QZ-CA		0.1				
227.20	229.40	Green; fine grained; spotted carb; few carb stringers; trace py	UM	M	CL	262.80	263.10	E797083	0.00	QZ-CA		0.1				
229.40	247.60	Dark green to black; fine grained; few qtz carb stringers; soft; weakly magnetic	UM	PS	TC	263.10	264.00	E797084	0.00	QZ-CA		0.1				
247.60	248.10	Dark grey; fine grained; phaneritic; sharp contacts UC somewhat irregular; lc at 50 TCA	MP	M	CB	264.00	265.00	E797085	0.00	QZ-CA		0.1				
248.10	254.30	Dark green to black; fine grained; trace py; few qtz carb stringers; soft; weakly magnetic	UM	PS	TC	265.00	267.00	E797087	0.00	QZ-CA		0.1				fracture filling chlorite
254.30	262.80	Dark green/grey; fine grained; trace py; few qtz carb stringers; soft	UM	M	TC	267.00	267.90	E797088	0.00	QZ-CA		0.1				blocky core
262.80	263.10	Bull white/weakly pinkish vein; strongly calcitic; 20 cm true width; fracture filling chlorite	QV	MV	CA	267.90	269.00	E797089	0.01	QZ-CA		1.5				irregular
263.10	267.90	Dark green to grey; fine grained; few qtz carb stringers; trace py; moderate hardness; weakly magnetic	UM	PS	TC	269.00	269.00	E797089	0.01	QZ-CA		1.5				
267.90	269.00	Dark grey with pink tinge; weakly porphyritic; 2% sulphides including galena; py; cp; irregular ankerite stringers; irregular qtz carb vein	MP6	POR												Dark grey with pink tinge; weakly porphyritic; 2% sulphides including galena, py, cp; irregular ankerite stringers; irregular qtz carb vein
269.00	287.10	Dark green/grey to black; fine grained; trace py; few qtz ank stringers	UM	PS	TC	269.00	270.00	E797091	0.00	AK		0.1				
287.10	287.90	Grey to green; fine grained; one qtz ank stringer; trace py	UM	PS	AK	284.50	286.00	E797092	0.01			0.1				
287.90	292.40	Dark grey; fine to medium grained; few qtz ank stringers; trace py; magnetic; somewhat hard unit	UM	PS	AK	286.00	287.10	E797093	0.01			0.1				
292.40	292.70	Pink; fine grained; mainly phaneritic; irregular ankerite stringer; first half of unit is syenite with lower contact of UM at 20 TCA; lc sharp somewhat irregular at 40 TCA; few fine qtz stringers; 5% py	FP5	AB		287.10	287.90	E797094	0.01	QZ-AK		0.25				
292.70	294.10	Green with little grey; fine grained; few qtz stringers; irregular syenite over 25cm on half of core with qtz and ank stringers and 2% py locally	UM	PS	FU											
294.10	294.40	Grey with pink tinge; fine grained; 3% py; begins with 3cm qtz vein with irregular sharp contacts at approx 70 TCA	FP5	AB												2.5 cm at 45 TCA crosscutting and cutting 5mm stringer at 45 TCA
294.40	300.10	Grey with green tinge; fine grained; few qtz ank stringers; trace py; locally moderate fuschite - especially at beginning and end of unit; lower contact sharp at 60 TCA	UM	PS	AK	287.90	289.40	E797095	0.00	QZ-AK		0.1				
300.10	301.10	Green; porphyritic texture with fine grained groundmass and medium to coarse grained phenos; 1% py overall; mainly irregular qtz stringers and blebs; lower contact sharp at 50 TCA	FP5	PM	SE	289.40	290.90	E797096	0.00	QZ-AK		0.25				irregular stringers
301.10	302.30	Green; fine grained; mainly phaneritic; up to 1% py overall; qtz stringers and veins; sharp lower contact somewhat irregular and defined with stringer	FP5	PM	SE	290.90	291.90	E797097	0.02	QZ-AK		0.1				few fine irregular stringers
302.30	304.10	Green; porphyritic texture with fine grained groundmass and medium to coarse grained phenos; 1-2% py overall with trace galena; qtz stringers and veins	FP9	AB		291.90	292.40	E797098	0.10	AK		0.1				irregular stringers
304.10	304.20	White qtz vein; fracture filling ankerite; trace py and galena; sharp contacts at 55-60 TCA	FP9	AB		292.40	292.70	E797099	0.33	AK		5				irregular ankerite stringer; few fine qtz stringers
304.20	321.40	Green; porphyritic texture with fine grained groundmass and medium to coarse grained phenos; strong porphyritic texture decreases downhole; 1-2% py overall with trace galena; qtz stringers and veins; sharp irregular LC	FP5	POR	SE	292.70	293.10	E797101	0.01	QZ		0.25				
321.40	322.80	Bright green to grey in sections; fine grained; few qtz stringers and several fine stringers; trace py; sharp lower contact at approx 25 TCA	FP5	POR	SF	293.10	294.10	E797102	0.01	QZ		0.75				few somewhat irregular stringers; one 5mm at 60 TCA; and 5mm at 50 TCA and other minor stringers; few patches of syenite with most of pyrite
322.80	323.80	Olive green and bright green in ultramafics; fine grained; few medium grained phenos in syenite but mainly fg; irregular qtz stringers; up to 1% py; sharp contacts between syenite and ultramafics	UM	PS	AK	294.10	294.40	E797103	0.07	QZ		3				Grey with pink tinge; fine grained; 3% py; begins with 3cm qtz vein with irregular sharp contacts at approx 70 TCA
323.80	324.40	Bright green to beige; fine grained; few stringers; trace py	UM	PS	AK	294.40	294.70	E797104	0.00			0.1				higher fuschite
324.40	325.70	Olive green; fine grained groundmass with up to medium grained phenos; 1% py and trace galena; sharp lower contact at approx 50 TCA	FP5	POR	SE	294.70	295.10	E797105	0.00	QZ-AK		0.1				few irregular stringers
						295.10	296.60	E797106	0.01	AK		0.1				few irregular stringers

Survey				
Depth(m)	Depth(m)	Azimuth	Dip	Remarks
	0.00	360	-85	
	21.00	2	-85.5	
	72.00	3.2	-66	
	123.00	1.4	-65.9	
	174.00	0.2	-65.8	
	225.00	0.7	-65.6	
	276.00	1.3	-65.8	
	327.00	2.3	-65.5	

Hole # **RN13-17**

Claim No. P567201, P12581

Location

Grid Easting Northing Elevation Drill Contractor Core Storage  
 utm27 506496.3 5372715.2 287.42 Major Dome core farm

Date Test Core Size Logged By Length (m) Start Date End Date Remarks  
 3/20/2013 EZ Shot NQ Saralyn Horvath 450 3/6/2013 3/12/2013 Casing making water

Lithology

Assays

From(m)	To (m)	Remarks	Lithology	Texture	Alt	From	To	Sample#	Au g/t	Veining	% QV	% Py	% Po	% Aspy	VG	Remarks
325.70	326.50	Green, fine grained; trace py, few stringers; LC over 19 cm subparallel TCA	UM	PS	AK	297.60	299.10	E797108	0.01	AK		0.1				
326.50	330.90	Olive green; fine grained with up to medium grained phenos; several qtz stringers - many very irregular; sharp LC at 35 TCA	FP5	POR	SE	299.10	300.10	E797109	0.01	QZ-AK		0.25				irregular stringers
330.90	332.20	Bright green; fine grained; few qtz stringers; trace py	UM	PS	AK	300.10	301.10	E797110	0.92	QZ		0.75				irregular; some running subparallel TCA
332.20	334.10	Grey, fine grained; few stringers; trace py	UM	PS	AK											at least two generations of stringers present; mainly stringers at low angles TCA; few blebs of qtz; one stringer with ribboned chlorite
334.10	334.90	Bright green; fine grained; few qtz stringers; trace py, sharp broken LC	UM	PS	FU											
334.90	335.30	Pink with some green sections; fine grained with up to medium grained phenos; qtz stringers, 1.5% py, sharp LC at 70 TCA	FP5	POR	AB											
335.30	338.00	Bright green - some sections are greyer; fine grained; some qtz stringers; trace py, sharp LC at 50 TCA	UM	PS	FU	301.10	301.50	E797111	0.21			0.5				
338.00	338.30	Beige, fine grained; 3% py; few qtz stringers; sharp LC at 40 TCA	FP5	AB	AB	301.50	302.30	E797112	0.27	QZ		0.75				5 cm at 30-40 TCA; 1 cm at 40 TCA; 5mm at 40 TCA; few irregular stringers
338.30	338.60	Bright green to beige, fine grained; little irregular qtz not in stringers; sharp lower contact at 60 TCA	UM	PS	AK											
338.60	343.40	Olive green; fine grained; qtz stringers and veins some with weak halos; some ank stringers; unit is weakly ankeritized; 0.5% py overall; sharp LC at 70 TCA	FP9	AB	AB	302.30	303.00	E797114	2.58	QZ		1				3 cm at 60 TCA; few stringers up to 5mm
343.40	360.00	Dark grey; fine grained; trace py, almost brecciated with weak fuschite at top of unit; few qtz ank stringers	UM	PS	AK	303.00	303.50	E797115	3.20	QZ		1.5				4 cm at 55 TCA; 3mm at 50 TCA; few irregular stringers
360.00	388.50	Dark green to black; fine grained; trace py overall; few qtz stringers - usually quartz is irregular not in stringer form; weak pervasive chlorite alteration; sharp lower contact at 50 TCA	UM	PS	TC	303.50	304.00	E797116	0.94	QZ		0.75				mainly irregular stringers with no preferential orientations TCA; high and low angles
388.50	390.00	Dark green; fine grained; irregular qtz and carb; 0.5% py	VM	M	CL	304.00	304.30	E797117	0.73	QZ		1				White qtz vein, fracture filling ankerite; trace py and galena; sharp contacts at 55-60 TCA
390.00	393.80	Dark green to black; fine grained; weakly magnetic; trace py overall; soft; little irregular qtz	UM	PS	TC	304.30	304.80	E797119	1.88	QZ		1				6mm at 60 TCA; few fine stringers
393.80	396.60	Dark green; fine grained; abundant irregular qtz; trace - 0.5% py overall; sharp slightly irregular lower contact	VM	M	CL	304.80	305.80	E797120	3.03	QZ		1				7mm at 50 TCA; few other stringers up to 5mm mainly irregular stringers
396.60	397.60	Dark green to black; fine grained; trace sulphides; weak gouge at 397.4 m; little qtz carb; sharp LC	UM	PS	TC											
397.60	398.10	Dark grey with pink; very fine to fine grained; trace sulphides; pretty irregular	MP6	AB	AB											
398.10	403.60	Dark green; fine grained; moderately soft; magnetic; trace py; lower contact sharp at 40 TCA chilling dyke	UM	PS	TC	304.30	304.80	E797119	1.88	QZ		1				irregular stringers irregular; some at 50-60 TCA with many cutting those at subparallel TCA angles; hard to distinguish if more than one generation qtz; some have grey ribboning on edges
403.60	404.90	Dark brown to black; fine grained; few qtz carb stringers; lower contact marked by stringer	AP2	BI	BI	304.80	305.80	E797120	3.03	QZ		1				5mm at 4 cm at 30 TCA
404.90	419.50	Dark green; fine grained; some sections seem mafic but hard to distinguish any contacts; pervasive chlorite; locally weak ankerite alteration; very irregular qtz and carb; trace py overall locally up to 1%; few short lenses of AP2 near beginning of unit	UM	TC	TC											crosscutting irregular finer stringer 5 mm at 30 TCA; few other fine stringers
419.50	420.60	Dark brown to black; fine grained; few irregular qtz carb stringers; albitized brecciated fragments with approx 5% locally; sharp contacts at 40 TCA	AP2	BI	BI	305.80	306.60	E797121	2.10	QZ		1				2.5 cm at 35 TCA; 1 cm at 40 TCA; few other fine stringers
420.60	423.80	Dark grey green; fine grained; irregular qtz carb stringers; trace py overall; somewhat soft unit; LC irregular	UM	TC	TC											
423.80	424.40	Dark brown to black; fine grained; few qtz carb stringers; trace - 0.5% py overall; sharp LC at 50 TCA	AP2	BI	BI											
424.40	443.20	Dark grey green; fine grained; irregular qtz carb; trace py overall; lower contact continues until 443.8m	UM	M	TC											
443.20	450.00	Dark greenish grey; fine grained; irregular qtz carb stringers; mottled sections; maybe UM near end of hole? but hard to define a contact; locally up to 3% py	VM	M	CL	306.60	307.10	E797122	1.53	QZ		0.5				1 at 50 TCA; few fine qtz stringers 4 cm at 40 TCA; 5mm qtz ank stringer at 70 TCA; few other fine stringers
						307.10	307.90	E797124	2.94	QZ		1				several stringers 3mm up to 1 cm mainly at high angles or running subparallel TCA; few other irregular fine stringers stringers up to 1 cm at all different angles TCA; 2 cm stringer at 60 TCA with little ankerite
						307.90	308.40	E797125	2.16	QZ		1.5				
						308.40	309.10	E797126	1.79	QZ		1.5				
						309.10	309.90	E797127	0.49	QZ-AK		1.5				
						309.90	310.20	E797128	0.45	QZ		0.75				
						310.20	311.20	E797129	2.09	QZ		1				
						311.20	312.20	E797130	1.65	QZ		1				
						312.20	313.20	E797131	0.93	QZ		1.5				

Survey				
Depth(m)	Depth(m)	Azimuth	Dip	Remarks
	0.00	360	-65	
	21.00	2	-65.5	
	72.00	3.2	-66	
	123.00	1.4	-65.9	
	174.00	0.2	-65.8	
	225.00	0.7	-65.6	
	276.00	1.3	-65.8	
	327.00	2.3	-65.5	

Hole # **RN13-17**

Claim No. P567201, P12581

Location

Grid utm27 Easting 506496.3 Northing 5372715.2 Elevation 287.42 Drill Contractor Major Core Storage Dome core farm

Date 3/20/2013 Test EZ Shot Core Size NQ Logged By Saralyn Horvath Length (m) 450 Start Date 3/6/2013 End Date 3/12/2013 Remarks Casing making water

Lithology

Assays

From(m)	To (m)	Remarks	Lithology	Texture	Altn	From	To	Sample#	Au g/t	Veining	% QV	% Py	% Po	% Aspy	VG	Remarks
						313.20	313.80	E797132	1.12	OZ		1.5				grey qtz stringers - two are 2mm; one very irregular; one 1 cm all at different angles; 2 cm at 60-70 TCA; few 4mm irregular crosscutting stringers which are hard to see if more than one generation
						313.80	314.60	E797133	1.05	OZ		2				2 cm at 40 TCA with 2% locally on edge; other irregular qtz veins 2 cm at 20 TCA and 2 cm at 40 TCA with several 5 mm parallel stringers which all seem to crosscut or are same phase
						314.60	314.90	E797135	1.20	OZ		2.5				1 cm at 60 TCA
						314.90	315.70	E797137	0.17	OZ		0.5				veins up to 3 cm wide running subparallel TCA and being crosscut; some finer stringers crosscutting; at least two generations
						315.70	316.30	E797138	0.82	OZ		0.5				irregular veins; cut by sample ends on both sides; some finer splays; fine stringers
						316.30	317.10	E797139	1.57	OZ		3.5				irregular qtz veins and stringers; some grey qtz at edges with py bands
						317.10	317.40	E797140	0.79	OZ		0.75				possible specks of VG - under core surface so hard to tell; 1.5cm and 8mm stringers at 80 TCA; 1.5 cm at 45 TCA; irregular stringers; multiple generations
						317.40	318.10	E797141	0.82	OZ		1.5				several irregular stringers; one approx 1.5 cm
						318.10	318.90	E797143	0.66	OZ		3				several stringers running at low and high angles TCA; some fine stringers running at high and low angles TCA; some irregular;
						318.90	319.60	E797144	0.64	OZ		4				abundant py in irregular stringer
						319.60	320.50	E797145	0.27	OZ		3				1.5 cm at 60 TCA; 0.5 cm at 70 TCA; several other finer or irregular stringers
						320.50	321.40	E797146	0.64	OZ		1				<1cm stringers at high angles and subparallel TCA
						321.40	322.00	E797147	0.18	OZ		0.1				4mm at 85 TCA; few fine stringers
						322.00	322.80	E797149	2.18			0.1				
						322.80	323.80	E797150	0.82	OZ		1				Olive green and bright green in ultramafics; fine grained; few medium grained phenos in syenite but mainly fg; irregular qtz stringers; many fine, up to 1% py; sharp contacts between syenite and ultramafics
						323.80	324.40	E797151	0.02	OZ-AK		0.1				
						324.40	325.40	F797152	0.67	OZ		2.5				stringers cut subparallel TCA; 5 at 35 TCA 1 cm at 70 and 1 cm at 55 TCA somewhat parallel; wider stringers crosscut fine stringers

Survey				Remarks
Depth(m)	Depth(m)	Azimuth	Dip	
	0.00	360	-65	
	21.00	2	-65.5	
	72.00	3.2	-66	
	123.00	1.4	-65.9	
	174.00	0.2	-65.8	
	225.00	0.7	-65.6	
	276.00	1.3	-65.8	
	327.00	2.3	-65.5	

Hole # **RN13-17**

Claim No. P567201, P12581

Location

Grid utm27 Easting 506496.3 Northing 5372715.2 Elevation 287.42 Drill Contractor Major Core Storage Dome core farm

Date 3/20/2013 Test EZ Shot Core Size NQ Logged By Saralyn Horvath Length (m) 450 Start Date 3/6/2013 End Date 3/12/2013 Remarks Casing making water

Lithology

Assays

From(m)	To (m)	Remarks	Lithology	Texture	Altn	From	To	Sample#	Au g/t	Veining	% QV	% Py	% Po	% Aspy	VG	Remarks
						325.40	325.70	E797153	0.58	QZ		1				very irregular qtz in fine stringers and little blebs
						325.70	326.50	E797154	0.16	QZ		0.1				6 mm at 40 TCA; few other stringers fine or with splays
						326.50	327.50	E797155	4.96	QZ		1.5				several irregular stringers - some fine - usually at high angles TCA; 7mm qtz ank at 50 TCA; 7 mm at 55 TCA
						327.50	328.30	E797156	0.39	QZ		0.5				several stringers - many fine-crosscutting each other
						328.30	329.00	E797157	0.42	QZ		0.5				several stringers including fine stringers crosscutting each other, some up to 5mm
						329.00	330.00	E797159	0.24	QZ		1				1 cm at 40 TCA, several fine stringers
						330.00	330.90	E797160	0.28	QZ		0.75				several irregular stringers - mostly fine, many crosscutting each other
						330.90	332.20	E797161	0.01	QZ		0.1				5mm at 45 TCA; some irregular
						332.20	333.10	E797162	0.00			0.1				
						333.10	334.10	E797164	0.03			0.1				
						334.10	334.90	E797165	0.05	QZ		0.25				1 cm at 55 TCA; few <5mm stringers at approx 40 TCA which are slightly irregular
						334.90	335.30	E797166	0.38	QZ		1.5				stringers up to 1 cm; one at 65 TCA; 1.5% py, sharp LC at 70 TCA
						335.30	336.40	E797167	0.02	QZ		0.5				1 cm at 40 TCA; two 0.5cm stringers at 55 TCA; few fine stringers
						336.40	337.50	E797169	0.04			0.1				
						337.50	338.00	E797170	0.01			0.1				
						338.00	338.30	E797171	2.28	QZ-AK		3				1 cm qtz ank at 70 TCA; 2mm qtz at 80 TCA
						338.30	338.60	E797172	0.03			0.1				
						338.60	339.50	E797173	0.06	QZ-AK		0.1				5 mm at 40 TCA; ank stringer on half of core; few fine ank stringers
						339.50	340.50	E797174	0.01	QZ		0.75				5 mm at 40 TCA; 3 mm at 50 TCA; 3 mm somewhat irregular at 70 TCA, few other finer stringers - some with ankerite
						340.50	341.40	E797175	0.14	QZ-AK		1				5 mm at 15 TCA; other fine or irregular stringers
						341.40	341.80	E797176	0.48	QZ		0.75				2 cm vein at 35 TCA with 4 mm splay at 50 TCA; other fine irregular stringers
						341.80	342.20	E797177	0.11	QZ		0.75				1 cm somewhat irregular at approx 35 TCA; few other irregular stringers
						342.20	343.10	E797178	0.04	QZ		1				mainly fine irregular stringers; few with alb halo and py
						343.10	343.40	E797179	0.02	QZ		0.75				2-3 cm at 50 TCA; 3 cm at 70 TCA; few other fine stringers; strongly ankeritized between veins almost brecciated with weak fuschite, few fine stringers
						343.40	344.10	E797181	0.01	QZ-AK		0.1				
						344.10	345.00	E797182	0.20			0.1				
						345.00	346.50	E797183	0.01			0.1				

Survey				Remarks
Depth(m)	Depth(m)	Azimuth	Dip	
	0.00	360	-65	
	21.00	2	-65.5	
	72.00	3.2	-66	
	123.00	1.4	-65.9	
	174.00	0.2	-65.8	
	225.00	0.7	-65.6	
	276.00	1.3	-65.8	
	327.00	2.3	-65.5	

Hole # **RN13-17**

Claim No. P567201, P12581

Location

Grid utm27 Easting 506496.3 Northing 5372715.2 Elevation 287.42 Drill Contractor Major Core Storage Dome core farm

Date 3/20/2013 Test EZ Shot Core Size NQ Logged By Saralyn Horvath Length (m) 450 Start Date 3/6/2013 End Date 3/12/2013 Remarks Casing making water

Lithology					Assays											
From(m)	To (m)	Remarks	Lithology	Texture	Altn	From	To	Sample#	Au g/t	Veining	% QV	% Py	% Po	% Aspy	VG	Remarks
						346.50	348.00	E797184	0.03	QZ-AK		0.25				4 mm stringers at 50 and 40 TCA irregular qtz and carb irregular stringer
						395.10	396.60	E797185	0.04	QZ-CA		1				
						396.60	397.60	E797186	0.00	QZ-CA		0.1				
						397.60	398.10	E797187	0.03			0.1				
						398.10	398.60	E797189	0.09			0.1				
						398.60	400.10	E797190	0.01	QZ-CA		0.1				



Survey				
Depth(m)	Depth(m)	Azimuth	Dip	Remarks
	0.00	360	-75	
	21.00	356.1	-74.7	
	72.00	5	-74.9	
	123.00	4.5	-74.8	
	174.00	2.8	-75.1	
	225.00	3.6	-75	
	276.00	4.7	-75	
	327.00	4.4	-74.9	

Hole # **RN13-18**

Claim No.

P567201, P12581

Location

*M. Harding*

Grid

utm27

Easting

506496.3

Northing

5372715.0

Elevation

287.42

Drill Contractor

Major

Core Storage

Dome core farm

Date

3/21/2013

Test

EZ Shot

Core Size

NQ

Logged By

Jerry Janik

Length (m)

550

Start Date

3/12/2013

End Date

3/19/2013

Remarks

Lithology

Assays

From(m)	To (m)	Remarks	Lithology	Texture	Altn	From	To	Sample#	Au g/t	Veining	% QV	% Py	% Po	% Aspy	VG	Remarks
0.00	12.00		CAS			362.00	363.00	E840593	0.00	QZ-CA		1				UM
12.00	222.80	Black/Green UM with Blocky sections (>1m but <3m) near the top of the hole no gouge but ends are serpent. Wk to Strong magnetic in sections. Some sections are bleached (Qtz+Ca strngs)	UM	M	SR	363.00	363.70	E840594	0.04	QZ-CA		1				UM
						363.70	364.40	E840595	0.08			2				Lamp Dike
222.80	225.10	Black Massive (Hard and Heavy) MP with CHL stringers running through it	MP	M	CL	364.40	365.40	E840596	0.00	QZ-CA		1				UM
225.10	253.40	Black/Green UM. magnetic in sections. Some sections are bleached (Qtz+Ca strngs)	UM	M	SR	365.40	366.00	E840597	0.02	QZ-CA		1				UM
253.40	275.60	Grey Massive VM with small 1-2mm Qtz+Ca strngs with small alteration haloes on some. No visible mineralization	VM	M	AB	366.00	367.00	E840599	0.06	QZ-CA		1				UM
						367.00	367.50	E840600	0.00	QZ-CA		1				UM, FP5 Frag
275.60	287.20	Black UM with >15% Qtz+Ca strngs. Appears like a breccia with angular fragments.	UM	QzFL	SR	367.50	368.30	E840601	0.00	QZ-CA		1				UM
		Massive Grey Lamp with some fg'ed Biotite	AP2	M	BI	368.30	369.00	E840602	0.01	QZ-CA		1				FU Alt UM
287.20	303.00	Black UM with >15% Qtz+Ca strngs. Appears like a breccia with angular fragments.	UM	QzFL	SR	369.00	369.40	E840603	0.09	QZ-CA		1				^
303.00	363.70	DarkGrey Massive UM with small sections of PS Qtz+Ca strngs in various directions	UM	PS	AK	369.40	369.80	E840604	1.51	QZ-CA		4				Albite Dike
363.70	364.40	Multiphased Lamp Dike with HE/SER/BIOTITE/FU alteration. Large "wormy" biotite xstals (appear oriented perp TCA).	AP2	M	SE	369.80	370.40	E840606	0.01	QZ-CA		1				FU Alt UM
						370.40	370.90	E840607	0.01	QZ-CA		1				^
364.40	368.30	LightGry UM with AK alteration throughout and a small FP5 fragment. Abrupt change to next unit	UM	PS	AK	370.90	371.40	E840608	0.04	QZ		3				FG'ed PY throughout. See litho
368.30	369.40	Bright Green UM with Qtz+Ca strngs throughout	UM	PS	FU	371.40	372.00	E840609	0.02	QZ		3				^
369.40	369.80	Tan/Greenish SER Altered Albite Dike with 3-4% Fine grained py throughout. Small sections of QtzFL and a small Qtz+Ca strng.	FP9	M	SE	372.00	372.90	E840611	0.08	QZ		2				^
						372.90	373.60	E840612	0.05	QZ-CA		1				FU Alt UM
369.80	370.90	Bright Green UM with Qtz+Ca strngs throughout	UM	PS	FU	373.60	374.20	E840613	0.01	QZ-CA		1				^
370.90	372.90	Tan Albite dike with 1-3% FG'ed PY throughout (locally 2-3% around stringers) Qtz strngs are dominantly // TCA (TNV). Small stockworked sections with min K-Alt.	FP9	M	SE	374.20	374.50	E840614	0.26	QZ		5				Syenite finger
						374.50	375.20	E840616	0.13	QZ-CA		1				FU Alt UM
372.90	374.20	Green UM with Qtz+Ca strngs throughout. Possible FOL @ 60deg TCA? Strain moves through clasts within unit	UM	PS	FU	375.20	375.50	E840617	2.66	QZ		3			VG1	>Syenite Begins< 4 spots of VG
						375.50	375.80	E840618	5.30	QZ		4			VG1	^ + Small VG within WR (Hairthin fracture?)
374.20	374.50	Salmon Pink Syenite finger with TNV strngs 4-5% PY throughout	FP5	M	K											Qz strng with mg'ed PY within and FG'ed py throughout WR
374.50	375.20	Green UM with Qtz+Ca strngs throughout. Possible FOL @ 60deg TCA? Strain moves through clasts within unit	UM	PS	FU	375.80	376.10	E840619	2.03	QZ		4				^
375.20	404.50	Salmon Pink Syenite with FG-MG'ed PY throughout (2-6%) VG @ top CT (375.5m); VG @ 392.9m. Alteration slightly changes throughout with min SER alt in sections.	FP5	M	K	376.10	377.10	E840620	1.87	QZ		3				^
						377.10	378.00	E840621	4.54	QZ		3				^
404.50	404.90	Green Albite dike with white Qtz strngs throughout. Mineralization is 1-2% locally FG'ed PY. One series of Qtz strngs are clear but no prox. mineralization	FP9		SE	378.00	379.00	E840622	4.31	QZ		3				^
						379.00	380.00	E840623	2.64	QZ		3				^
404.90	405.20	Salmon Pink Syenite with ~4% MGed PY. Qtz strng array is TNV & Stockworked.	FP5	M	K	380.00	381.00	E840624	3.85	QZ		3				^
405.20	405.60	Green Albite dike with white Qtz strngs throughout. Mineralization is 1-2% locally FG'ed PY. One series of Qtz strngs are clear but no prox. mineralization	FP9		SE	381.00	382.00	E840625	1.56	QZ		2				^
						382.00	383.00	E840626	3.81	QZ		2				^
405.60	405.80	White Qtz Vein with SHV strngs running through it. Minimal mineralization with some WR included within vein. WR is Altered.	QV		TNV	383.00	384.00	E840628	2.09	QZ		3				^
						384.00	385.00	E840629	0.85	QZ		2				^
405.80	410.90	Light syenite with ~1-2% Py mineralization minor TNV qtz strngs throughout. Multistaged Alteration near end of section (SER+K+Albite+Hema(?))	FP5	M	SE	385.00	386.00	E840630	2.06	QZ		2				^
						386.00	387.00	E840631	6.29	QZ		4				^
410.90	416.30	Salmon Pink Syenite with large Feldspar Xstals. 2-4% Py throughout MG->FG'ed. Mineralization around strngs are more fine than medium grained. Qtz stringers appear to come in distinct series and mini stockworks.	FP5	M	K	387.00	388.00	E840632	2.08	QZ		3				^
						388.00	389.00	E840634	1.22	QZ		5				^ + Large clots of PY within strngs
						389.00	390.00	E840635	1.37	QZ		5				^ + Large Clusters of PY within strngs
416.30	416.50	White Qtz vein with no alteration halo in the surrounding WR. Minor K clots.	QV		K											^
416.50	459.50	Salmon Pink Syenite with large Feldspar Xstals. 2-4% Py throughout MG->FG'ed. Mineralization around strngs are more fine than medium grained. Qtz stringers appear to come in distinct series and mini stockworks.	FP5	M	K	390.00	391.00	E840636	0.49	QZ		3				^ minus large clusters
						391.00	392.00	E840637	0.20	QZ		2				^
						392.00	392.70	E840638	1.07	QZ		3				^
459.50	463.70	Green/Tan/Red Finer grained Syenite with at least 3 phases of alteration. Feldspar Phenos appear "Digested". Alterations include; but not limited to: HE/SER/K/AB	FP5	M	SE	392.70	393.00	E840640	7.24	QZ		4			VG1	^ + Au+Galena free floating within strng
463.70	467.40	LightGreen/Dark UM with FU alteration with different intensities (prox to CT).	UM	PS	FU	393.00	393.50	E840641	1.82	QZ		4				^
467.40	469.40	DarkGry w tan sections Diorite dike with QtzFL throughout with SER haloes. Minimal mineralization; Alteration patches near CT's and intrusion	MP6	M	SE	393.50	394.50	E840642	1.76	QZ		3				^
						394.50	395.50	E840643	2.02	QZ		3				^
469.40	469.60	Salmon Pink Syenite with loads of sulphides and TNV strngs; 20cm sample taken	FP5		K	395.50	396.00	E840644	0.76	QZ		2				^
469.60	471.70	DarkGry w tan sections Diorite dike with QtzFL throughout with SER haloes. Minimal mineralization; Alteration patches near CT's and intrusion	MP6	M	SE	396.00	397.00	E840645	0.53	QZ		3				^
						397.00	398.00	E840646	0.93	QZ		2				^
471.70	477.00	Black/Slightly brown UM with QtzFL throughout	UM	PS	AK	398.00	399.00	E840647	1.95	QZ		6				^ + Small Qtz strng swarm with locally 6% Py
477.00	538.30	Black UM with Qtz+Ca strngs in all directions with small fragments of other units (diorite).	UM	PS	TC											^ + White Qtz strngs
538.30	539.90	Black Mafic Dike with small section of Pink Calcite with Py and CPY mineralization	MP		M	399.00	399.50	E840649	2.29	QZ		3				Clear hair-thin fractures (Qtz)
539.90	550.00	Black UM with Qtz+Ca strngs in all directions with small fragments of other units (diorite).	UM	PS	TC	399.50	400.00	E840650	1.57	QZ		2				^
						400.00	401.00	E840651	0.60	QZ		2				^
						401.00	402.00	E840652	1.28	QZ		2				^

Survey				Remarks
Depth(m)	Depth(m)	Azimuth	Dip	
	0.00	360	-75	
	21.00	356.1	-74.7	
	72.00	5	-74.9	
	123.00	4.5	-74.8	
	174.00	2.8	-75.1	
	225.00	3.6	-75	
	276.00	4.7	-75	
	327.00	4.4	-74.9	

Hole # **RN13-18**

Claim No. P567201, P12581

Location

Grid utm27 Easting 506496.3 Northing 5372715.0 Elevation 287.42 Drill Contractor Major Core Storage Dome core farm

Date 3/21/2013 Test EZ Shot Core Size NQ Logged By Jerry Janik Length (m) 550 Start Date 3/12/2013 End Date 3/19/2013 Remarks

Lithology

Assays

From(m)	To (m)	Remarks	Lithology	Texture	Altn	From	To	Sample#	Au g/t	Veining	% QV	% Py	% Po	% Aspy	VG	Remarks
						402.00	403.00	E840653	1.21	QZ		1				^ -> mostly Massive
						403.00	404.00	E840655	1.42	QZ		2				^
						404.00	404.60	E840656	0.56	QZ		2				^ -> Two series of strngs, right before Albite Dike CT
						404.60	404.90	E840658	0.04			1				Massive Albite Dike
						404.90	405.20	E840659	2.32	QZ		4				Small Syenite Finger
						405.20	406.20	E840660	0.25	QZ-CA	25	1				See litho
						406.20	407.20	E840661	0.43	QZ-CA		1				White Qtz strngs
						407.20	408.00	E840662	0.35	QZ-CA		1				^
						408.00	409.00	E840663	0.13	QZ-CA		1				^
						409.00	410.00	E840664	0.07	QZ-CA		1				^
						410.00	410.90	E840665	0.16	QZ-CA		1				^
						410.90	411.50	E840666	1.10	QZ		4				Syenite, Strongly K-Altered
						411.50	412.50	E840667	0.94	QZ		2				^
						412.50	413.00	E840669	1.36	QZ		1				^
						413.00	414.00	E840670	1.57	QZ		2				^
						414.00	415.00	E840671	0.89	QZ		3				^
						415.00	416.00	E840672	1.01	QZ		3				^
						416.00	416.30	E840674	1.27	QZ		2				^
						416.30	416.60	E840675	0.97	QZ	85	2				See litho
						416.60	417.00	E840676	3.80			2				^
						417.00	418.00	E840678	2.95	QZ		3				Clear strngs with minor Galena on some stringers
						418.00	419.00	E840679	3.68	QZ		3				^
						419.00	420.00	E840680	1.14	QZ		2				^
						420.00	421.00	E840681	2.25	QZ		2				^ + Slightly more K Altered
						421.00	422.00	E840682	1.80	QZ		2				^
						422.00	423.00	E840683	1.02	QZ		3				^
						423.00	424.00	E840684	1.63	QZ		4				^ locally PY content is 4%; mainly 3%
						424.00	425.00	E840686	1.73	QZ		2				^
						425.00	426.00	E840687	0.88	QZ		2				^
						426.00	427.00	E840688	1.01	QZ		2				^
						427.00	428.00	E840689	11.30	QZ		3				^
						428.00	429.00	E840690	1.86	QZ		2				^
						429.00	430.00	E840691	1.32	QZ		2				^
						430.00	431.00	E840692	1.48	QZ		3				QtzFL with local 5% Py (Overall 3%) and Ga within vein
						431.00	432.00	E840693	2.05	QZ		2				Clear Qtz strngs with Py throughout section
						432.00	433.00	E840694	1.75	QZ		2				^
						433.00	434.00	E840696	0.77	QZ		1				Massive
						434.00	435.00	E840697	2.69	QZ		5				Small Qtz strngr with Strong K-Alt and 1cm wide band of PY(blebby)
						435.00	436.00	E840699	3.65	QZ		2				^ minus huge band of py
						436.00	437.00	E840700	1.54	QZ		3				^
						437.00	438.00	E840701	0.80	QZ		2				^
						438.00	439.00	E840702	3.53	QZ		2				^
						439.00	440.00	E840703	4.15	QZ		5				^ + Band of PY
						440.00	441.00	E840705	1.61	QZ		2				^
						441.00	442.00	E840706	1.18	QZ		1				^
						442.00	443.00	E840707	0.57	QZ		2				^
						443.00	444.00	E840708	0.75	QZ		3				^
						444.00	445.00	E840709	2.65	QZ		2				^
						445.00	446.00	E840710	2.38	QZ		3				^
						446.00	447.00	E840712	1.84	QZ		2				^

Survey				Remarks
Depth(m)	Depth(m)	Azimuth	Dip	
	0.00	360	-75	
	21.00	356.1	-74.7	
	72.00	5	-74.9	
	123.00	4.5	-74.8	
	174.00	2.8	-75.1	
	225.00	3.6	-75	
	276.00	4.7	-75	
	327.00	4.4	-74.9	

Hole # **RN13-18**

Claim No. P567201, P12581

Location

Grid utm27 Easting 506496.3 Northing 5372715.0 Elevation 287.42 Drill Contractor Major Core Storage Dome core farm

Date 3/21/2013 Test EZ Shot Core Size NQ Logged By Jerry Janik Length (m) 550 Start Date 3/12/2013 End Date 3/19/2013 Remarks

Lithology

Assays

From(m)	To (m)	Remarks	Lithology	Texture	Altn	From	To	Sample#	Au g/t	Veining	% QV	% Py	% Po	% Aspy	VG	Remarks
447.00	448.00					447.00	448.00	E840713	4.37	QZ		2				^
448.00	449.00					448.00	449.00	E840714	2.44	QZ		3				^
449.00	450.00					449.00	450.00	E840716	4.81	QZ		3				^
450.00	451.00					450.00	451.00	E840717	2.32	QZ		4				^
451.00	452.00					451.00	452.00	E840718	3.99	QZ		2				^
452.00	453.00					452.00	453.00	E840719	4.60	QZ		2				^
453.00	454.00					453.00	454.00	E840720	2.59	QZ		3				^
454.00	455.00					454.00	455.00	E840721	4.31	QZ		4				^
455.00	456.00					455.00	456.00	E840722	6.97	QZ		3				^
456.00	457.00					456.00	457.00	E840723	6.62	QZ		2				^
457.00	458.00					457.00	458.00	E840724	0.37			0.5				Massive & POR. Minimal visible sulphides
458.00	459.00					458.00	459.00	E840725	2.58	QZ		3				Qz strngs with Ga within vein and Py throughout section
459.00	460.00					459.00	460.00	E840726	2.03	QZ		2				^
460.00	461.00					460.00	461.00	E840728	0.38	QZ		1				^ "Odd Alteration Zone"
461.00	462.00					461.00	462.00	E840729	0.63	QZ		4				"Odd Alteration Zone" 4 phases of Alt
462.00	463.00					462.00	463.00	E840731	0.57	QZ		2				^
463.00	463.70					463.00	463.70	E840732	1.17	QZ		2				^
463.70	464.00					463.70	464.00	E840734	0.04							UM CT
464.00	465.00					464.00	465.00	E840735	0.03	QZ		1				FU Alt UM
465.00	466.00					465.00	466.00	E840736	0.01	QZ		1				^
466.00	467.00					466.00	467.00	E840737	0.03	QZ		1				^
467.00	467.40					467.00	467.40	E840738	0.01	QZ		1				^ CT with FU Alt
467.40	468.00					467.40	468.00	E840739	0.04	QZ		1				SER Alt Diorite with HEMA Alt as well
468.00	469.00					468.00	469.00	E840740	0.01	QZ		1				^
469.00	469.80					469.00	469.80	E840741	0.02	QZ		1				^
469.80	469.80					469.80	469.80	E840742	0.12	QZ		4				Small Syenite, 20cm Sample perfectly encompasses the intrusion with no WR Diorite
469.80	470.30					469.80	470.30	E840743	0.02	QZ		1				^
470.30	471.00					470.30	471.00	E840744	0.04	QZ		1				^
471.00	471.70					471.00	471.70	E840745	0.03	QZ		1				^
471.70	472.20					471.70	472.20	E840746	0.16			2				UM with Dike Fragment/Remnate
472.20	473.20					472.20	473.20	E840747	0.00	QZ		1				UM
473.20	474.00					473.20	474.00	E840749	0.01	QZ		1				^
474.00	475.00					474.00	475.00	E840750	0.01	QZ		1				^

Survey				Remarks
Depth(m)	Depth(m)	Azimuth	Dip	
	0.00	360	-60	
	24.00	2.3	-60.3	
	75.00	3.5	-60.1	
	126.00	0.1	-60.1	
	177.00	358.3	-59.9	
	228.00	2.7	-60	
	279.00	3.9	-59.5	
	330.00	5.1	-59	

Hole # **RN13-19**

Claim No. P567201, P12581

Location

Grid utm27 Easting 506380.8 Northing 5372690.7 Elevation 288.16 Drill Contractor Major Core Storage Dome core farm

Date 3/12/2013 Test EZ Shot Core Size NQ Logged By Steve Harding Length (m) 441 Start Date 3/9/2013 End Date 3/14/2013 Remarks

Lithology						Assays										
From(m)	To (m)	Remarks	Lithology	Texture	Altn	From	To	Sample#	Au g/t	Veining	% QV	% Py	% Po	% Aspy	VG	Remarks
0.00	12.00		OB			295.50	297.00	E828260	0.00	QZ-CA		0.1				
12.00	36.00	dk grey-black;wk sr;tc;wk ps-msv;mod-loc str magnetic;tr qcs/py	UM	PS	SR	297.00	297.80	E828261	0.00			0.1				
36.00	55.00	grey/green-grey;wk tc/cl;wk ps, tr qcs/py	UM	PS	TC	297.80	298.80	E828262	0.09			1				
55.00	77.00	dk grey-grey/green;wk tc;loc wk-mod sr;wk ps-msv;tr py	UM	PS	TC	298.80	299.80	E828263	0.01			0.5				
77.00	81.00	dk grey/green-black;mod-str sr;msv-wk ps;tr qcs/py	UM	M	SR	299.80	300.80	E828265	0.01			0.5				
81.00	99.00	grey-grey/green;wk tc;loc wk sr/mn cl;wk ps-msv;tr qcs/py	UM	PS	TC	300.80	301.80	E828266	0.00			0.1				
99.00	107.00	dk grey/green;wk-mod sr;tr-wk tc;msv-wk ps;tr py	UM	M	SR	301.80	302.80	E828267	0.00			0.5				
107.00	145.00	grey/green;wk tc;tr-wk sr;mn cl;msv-wk ps;tr py	UM	M	TC	302.80	303.80	E828268	0.01	QZ-AK		1				
145.00	170.00	grey/green;wk tc/cl;wk ps-msv;tr qcs/py	UM	PS	TC	303.80	304.50	E828269	1.72	QZ-AK		4				
170.00	185.00	dk grey-black;mod-str sr;msv-wk ps;tr qcs/py	UM	M	SR	304.50	305.20	E828271	0.03	QZ-AK		0.1				
185.00	201.70	grey;mod tc;wk ps;tr qcs/py	UM	PS	TC	305.20	306.00	E828272	0.00			0.1				
201.70	206.00	grey/green;wk-mod cl;wk ca;porph? at top;tr ca stgrs/py	MP	CL		306.00	307.00	E828273	0.00	QZ-AK		0.1				
206.00	212.10	grey;mod tc;wk ps;tr qcs/py	UM	PS	TC	307.00	308.00	E828274	0.01			0.1				
212.10	212.80	brown/grey;mod-str bl/ca;tr-1% qcs;tr py/cpy	AP2	M	BI	308.00	309.00	E828275	0.00	QZ-AK		0.1				
212.80	281.90	grey-grey/green;mod tc;loc mn cl;wk ps;tr qcs/py	UM	PS	TC	309.00	309.60	E828277	0.00			0.1				15% MP6 frags
281.90	282.00	fault; gouge/broken core	FZ			309.60	310.30	E828278	0.06	QZ-AK		3				
282.00	290.00	grey-grey/green;wk tc;tr-wk ak;loc tr-wk cl;wk ps;tr qcs/py	UM	PS	TC	310.30	310.70	E828279	0.01	QZ-AK		12				syen dyke
290.00	297.80	grey/green;wk cl/ak;mn tc;msv-wk ps;tr qcs/py	UM	M	CL	310.70	311.40	E828280	0.52	QZ-AK		0.5				
297.80	304.50	grey/green;wk cl;tr-wk ak;str se/ab at lower ct;tr qas;mn py	MP6	M	CL	311.40	312.00	E828281	0.13	QZ-AK		0.5				
304.50	309.60	grey/green;mod-str ak;loc tr-mod fuch;mod-str ps/bx;tr qas/py	UM	PS	AK	312.00	312.50	E828282	0.02	QZ-AK		1				
309.60	310.30	tan/red/brown;mod-str ab;loc wk he;4% qas;3% py	MP6	M	AB	312.50	313.10	E828283	1.52	QZ-AK		5				
310.30	310.70	red/brown;mod he/ab;tr qas;12% py	FP5	M	HE	313.10	314.00	E828284	0.00	QZ-AK		0.1				
310.70	312.00	um?;grad lower ct;reddish/grey;mod ak;tr-wk he;msv-wk ps;mn qas/py	UM	M	AK	314.00	315.00	E828285	0.02			0.1				
312.00	313.10	tan/grey;mod-str ab;wk se;3% qas;3% py	FP9	M	AB	315.00	315.70	E828287	0.01	QZ-AK		0.1				
313.10	315.70	grey/green-green;tr-str fuch;mod-str ak;wk ps;2% qas;tr py	UM	PS	FU	315.70	316.50	E828288	0.05	QZ-AK		4				
315.70	331.20	olive green;str se;mod ab;5% qas/qas;5% py;loc tr ga	FP5	M	SE	316.50	317.50	E828289	0.08	QZ-AK		4				
331.20	331.90	green-grey/green;mod-str fuch/ak;wk ps-msv;3% qas;mn py;tr cpy	UM	PS	FU	317.50	318.50	E828291	0.08	QZ-AK		3				
331.90	332.80	grey/green/brown;8% qas;5% py;top half better looking;separated by UM frag	MP6	M	SE	318.50	319.50	E828292	0.09	QZ-AK		1				
332.80	356.40	grey;wk tc/ak;wk-mod ps;tr fuch at top ct;tr qas/py	UM	PS	TC	319.50	320.50	E828293	0.03	QZ-AK		3				
356.40	357.10	approx 20cm porph? dyke;pink/brown;mod-str ab;mn cl incl/fracs;tr py	FP12	M	AB	320.50	321.50	E828294	3.58	QZ-AK		6				
357.10	372.30	grey-grey/green;wk tc/cl;loc mn ak;wk ps-msv;loc narrow mafic dykes < 30cm wide unaltered w/ up to 4% py;tr qcs/py	UM	PS	TC	321.50	322.50	E828295	0.55	QZ-AK		6				
						322.50	323.50	E828296	0.07	QZ-AK		3				
372.30	374.20	grey/green;wk cl;wk ca;tr qcs/py	MP	CL		323.50	324.50	E828297	0.08	QZ-AK		4				
374.20	402.50	grey-grey/green;wk tc;tr-wk cl;wk ps;tr qcs/py	UM	PS	TC	324.50	325.50	E828299	0.65	QZ-AK		6				
402.50	409.30	diorite?;grey-green;wk-mod cl;mn ak at lower ct;tr py	MP	M	CL	325.50	326.50	E828300	10.20	QZ-AK		6				
409.30	414.40	grey/green;mod-str ak;wk cl;mn tc;msv;tr py	UM	M	AK	326.50	327.50	E828301	0.15	QZ-AK		4				
414.40	416.40	grey;wk tc/ak;mod ps;tr py	UM	PS	TC	327.50	328.50	E828302	0.11	QZ-AK		5				
416.40	420.20	grey/green;mod-str ak;wk cl;msv;tr qas/py	UM	M	AK	328.50	329.50	E828303	0.29	QZ-AK		6				
420.20	420.80	diorite dyke?;brown/grey;mod ab;wk ak;1% qas;mn py	MP6	M	AB	329.50	330.50	E828304	0.13	QZ-AK		7				
420.80	421.40	grey/green;mod-str ak;tr-wk ak;tr py;7cm qas at lower ct	UM	M	AK	330.50	331.20	E828306	0.17	QZ-AK		4				
421.40	431.00	olive green;str se;mod ab;3% qas/qas;5% py	FP5	M	SE	331.20	331.90	E828307	0.01	QZ-AK		0.5				UM
431.00	432.30	looks more like a diorite;pink/grey;mod ab;mn se at top ct;6% qas;8% py;tr cpy	FP5	M	AB	331.90	332.30	E828308	0.03	QZ-AK		7				MP6
432.30	441.00	grey-grey/green;wk tc/cl;tr-wk ak;wk ps;tr qas/py; EOH.	UM	PS	TC	332.30	332.80	E828309	0.01	QZ-AK		3				UMMP6
						332.80	333.50	E828310	0.02	QZ-AK		0.1				
						333.50	334.50	E828311	0.00	QZ-AK		0.1				
						334.50	336.00	E828313	0.00			0.1				
						355.40	356.40	E828314	0.00	QZ-AK		0.1				
						356.40	357.10	E828316	0.00			0.1				20cm porph? dyke
						357.10	358.10	E828317	0.01	QZ-CA		0.1				
						417.00	418.50	E828318	0.02			0.1				
						418.50	419.50	E828319	0.03			0.1				
						419.50	420.20	E828320	0.05	QZ-AK		0.1				
						420.20	420.80	E828321	0.00	QZ-AK		0.5				
						420.80	421.40	E828322	0.04	QZ-AK		0.1				
						421.40	422.00	E828323	0.36	QZ		5				
						422.00	423.00	E828324	0.94	QZ-AK		5				
						423.00	424.00	E828325	0.66	QZ-AK		6				

**Survey**

Depth(m)	Depth(m)	Azimuth	Dip	Remarks
	0.00	360	-60	
	24.00	2.3	-60.3	
	75.00	3.5	-60.1	
	126.00	0.1	-60.1	
	177.00	358.3	-59.9	
	228.00	2.7	-60	
	279.00	3.9	-59.5	
	330.00	5.1	-59	

Hole # **RN13-19**

Claim No.

P567201, P12581

Location

Grid  
utm27

Easting  
506380.8

Northing  
5372690.7

Elevation  
288.16

Drill Contractor  
Major

Core Storage  
Dome core farm

Date  
3/12/2013

Test  
EZ Shot

Core Size  
NQ

Logged By  
Steve Harding

Length (m)  
441

Start Date  
3/9/2013

End Date  
3/14/2013

Remarks

**Lithology**

**Assays**

From(m)	To (m)	Remarks	Lithology	Texture	Altn	From	To	Sample#	Au g/t	Veining	% QV	% Py	% Po	% Aspy	VG	Remarks
						424.00	425.00	E828327	0.48	OZ-AK		5				
						425.00	426.00	E828328	1.16	OZ-AK		6				
						426.00	427.00	E828330	0.24	OZ-AK		5				
						427.00	428.00	E828331	1.73	OZ-AK		5				
						428.00	429.00	E828332	2.06	OZ-AK		5				
						429.00	430.00	E828333	0.30	OZ-AK		5				
						430.00	431.00	E828334	0.65	OZ-AK		5				
						431.00	431.60	E828335	2.37	OZ-AK		7				
						431.60	432.30	E828336	1.44	OZ-AK		10				
						432.30	433.30	E828338	0.08	OZ-AK		0.1				
						433.30	434.80	E828339	0.01			0.1				

Survey				
Depth(m)	Depth(m)	Azimuth	Dip	Remarks
	0.00	360	-75	
	27.00	1.8	-74.6	
	78.00	5.3	-74.6	
	129.00	5.6	-74.6	
	180.00	9.1	-75.1	
	231.00	5.6	-75.1	
	282.00	5.3	-74.7	
	333.00	7.4	-75.5	

Hole # **RN13-20**

Claim No. P567201, P12581

Location

Grid utm27 Easting 506380.8 Northing 5372690.5 Elevation 288.16 Drill Contractor Major Core Storage Dome core farm

Date 3/21/2013 Test EZ Shot Core Size NQ Logged By Steve Harding Length (m) 600 Start Date 3/14/2013 End Date 3/20/2013 Remarks

Lithology				Assays												
From(m)	To (m)	Remarks	Lithology	Texture	Altn	From	To	Sample#	Au g/t	Veining	% QV	% Py	% Po	% Aspy	VG	Remarks
0.00	12.00		OB			372.90	374.40	E828340	0.01	QZ-CA		0.1				
12.00	15.00	lt grey/green,mod-str ab,blocky/broken core;tr py	VI	FAT	AB	374.40	375.40	E828341	0.02				0.1			
15.00	21.70	grey;wk tc;tr-wk sr;wk ps-msv;tr py	UM	PS	TC	375.40	376.40	E828342	0.01	QZ-CA						
21.70	22.30	fault zone/seam?;broken core/gouge	FZ		TC	376.40	377.40	E828344	0.03	QZ-CA		0.5				MP6
22.30	33.00	dk grey-loc black,wk tc/sr;wk ps-msv;tr py	UM	PS	TC	377.40	378.20	E828345	0.06	QZ-CA		2				MP6
33.00	48.00	dk grey-black;wk-loc mod sr;wk tc;wk ps-msv;tr py	UM	PS	SR	378.20	379.00	E828346	0.01			0.1				MP6
48.00	74.30	grey/green;wk tc;tr-wk cl;wk ps-msv;tr py	UM	PS	TC	379.00	380.50	E828347	0.01	QZ-CA		0.1				10% dyke frags
74.30	74.70	broken core/mn gouge	FZ		TC	380.50	382.00	E828348	0.02			0.1				
74.70	90.00	grey/green-green,wk cl;tr-wk tc;msv;tr py	UM	M	CL	382.00	383.50	E828349	0.06			0.1				
90.00	104.00	grey-grey/green,wk tc/sr;tr-wk cl;wk-mod ps;tr py	UM	PS	TC	383.50	384.80	E828351	0.02	QZ-AK		0.1				
104.00	117.00	dk grey-black,mod sr;wk tc;msv-wk ps;tr py	UM	M	SR	384.80	386.00	E828352	0.01			0.1				
117.00	131.00	grey/green,wk cl/tc;msv-wk ps;tr qcs/py	UM	M	CL	386.00	387.00	E828353	0.01	QZ-AK		0.5				MP6
131.00	187.50	dk grey-black,mod-str sr;mn tc;msv-wk ps;tr py	UM	M	SR	387.00	388.00	E828354	0.03	QZ-AK		0.5				MP6, 30% fuch UM
187.50	201.40	grey/green-green,wk-loc mod cl;tr-wk tc;msv-wk ps;tr qcs/py	UM	M	CL	388.00	389.00	E828356	0.01			0.1				
201.40	203.00	diorite dyke?;grey/green,wk cl;tr-wk ca;tr py	MP	M	CL	389.00	390.50	E828357	0.01			0.1				
203.00	238.30	grey/green;wk tc/cl;wk ps-msv;tr py	UM	PS	TC	390.50	391.50	E828358	0.01			0.1				
238.30	238.80	brown,mod-str bi/ca;mn cl;tr py	AP2	M	BI	391.50	392.30	E828359	0.01	QZ-AK		0.1				
238.80	264.70	grey/green;wk tc/cl;msv-wk ps;tr py	UM	M	TC	392.30	393.00	E828360	2.39	QZ-AK		6				
264.70	266.00	brown,mod-str bi/ca;tr py	AP2	M	BI	393.00	394.00	E828361	2.25	QZ-AK		7				
266.00	288.50	grey/green;wk tc/cl;wk-mod ps;tr qcs/py	UM	PS	TC	394.00	395.00	E828362	4.39	QZ-AK		8				
288.50	289.10	silicified dyke?;lt grey/green,mod-str si;mn k alt'n at end;3% qcs;tr py	MP	M	SI	395.00	396.00	E828363	3.82	QZ-AK		7				
289.10	292.00	grey-grey/green;wk tc;tr-wk cl;wk ps-msv;tr py	UM	PS	TC	396.00	397.00	E828365	2.06	QZ-AK		8				
292.00	293.00	as above,wk-mod si;wk cl;tr py	MP	M	SI	397.00	398.00	E828366	0.81	QZ-AK		7				
293.00	304.10	grey/green;wk-mod tc;wk cl;wk-mod ps;tr qcs/py	UM	PS	TC	398.00	399.00	E828367	1.19	QZ-AK		7				
304.10	305.00	as above,mod-str cl margins;tr py	MP	M	SI	399.00	400.00	E828368	2.08	QZ-AK		5				
305.00	333.00	grey-grey/green,wk-mod tc;tr-wk cl;loc mod-str bx;tr qcs/py	UM	BX	TC	400.00	401.00	E828370	1.50	QZ-AK		7				
333.00	349.50	grey-grey/green,wk-mod tc;tr-wk ak/cl;wk ps;tr qcs/py	UM	PS	TC	401.00	402.00	E828371	0.72	QZ-AK		6				
349.50	352.60	grey/green/red,mod si;loc tr-wk he;mod cl frags;tr qcs/py	VM	SI	SI	402.00	403.00	E828372	0.40	QZ-AK		6				
352.60	359.10	grey-grey/green,wk-mod tc;tr-wk cl;tr qcs/py	UM	PS	TC	403.00	404.00	E828373	1.35	QZ-AK		7				
359.10	360.60	dyke?;similar to above VM;red/green,wk he/cl;tr qcs;mn py	VM	M	HE	404.00	405.00	E828374	0.72	QZ-AK		5				
360.60	375.40	grey-grey/green;wk tc;tr-wk ak;loc mn cl;wk-mod ps;tr py	UM	PS	TC	405.00	406.00	E828375	0.09	QZ-AK		5				
375.40	378.20	grey-grey/green;wk cl/ak;mn qcs/py	MP6	M	CL	406.00	407.00	E828376	0.08	QZ-AK		4				
378.20	384.80	grey-grey/green;wk tc/ak;mn cl;tr qas/py	UM	PS	TC	407.00	407.80	E828377	0.47	QZ-AK		4				
384.80	386.00	green-grey/green;mod fuch/ak;wk ps-msv;tr py	UM	PS	FU	407.80	408.50	E828379	0.16	QZ-AK		5				8cm qas
386.00	388.00	olive green/brown,mod-str se/ab;mn fuch;loc fuch UM frags;mn qas;mn py	MP6	M	SE	408.50	409.20	E828380	1.27	QZ-AK		4				
388.00	392.30	grey/green-green,mod-str fuch/ak,mod-str bx;tr qcs/py	UM	BX	FU	409.20	409.80	E828381	0.32	QZ-AK		3				
392.30	396.60	pink;loc mn se;3% qas/qcs;7% py	FP5	M	AB	409.80	410.30	E828382	1.17	QZ-TO		4				
396.60	398.60	olive green,mod-str se;loc k alt'n;8% qas/qcs;7% py;loc tr ga	FP5	M	SE	410.30	410.80	E828383	0.35	QZ-AK	70	3				20cm QV
398.60	400.80	pink-loc olive green;loc tr-wk se;5% qas/qcs;6% py	FP5	M	AB	410.80	411.20	E828385	0.18	QZ-AK		4				
400.80	410.30	olive green;wk-predom str se;10% qas/qcs;6% py	FP5	M	SE	411.20	412.00	E828386	0.03	QZ-AK		4				
410.30	410.50	20cm bx wh QV;str se frags;1% py;tr ga in qz	QV			412.00	413.00	E828387	0.02	QZ-AK		4				
410.50	414.00	olive green,mod-str se;3% qas;4% py;loc tr ga	FP5	M	SE	413.00	414.00	E828389	0.49	QZ-AK		4				
414.00	429.80	pink/olive green/reddish brown;loc tr-str se/wk he;5% qas;4% py	FP5	M	AB	414.00	415.00	E828390	1.05	QZ-AK		4				
429.80	434.00	olive green-loc pink/grey;wk-predom str se;mod ab;7% qas/qcs;4% py	FP5	M	SE	415.00	416.00	E828391	1.08	QZ-AK		5				
434.00	436.90	pink/grey/green;tr-wk se;6% qas/qcs;7% py;1 spk vg in 0.5cm qas @ 435.9m	FP5	M	AB	416.00	417.00	E828392	0.89	QZ-AK		4				
436.90	438.10	green-grey/green,mod-str fuch/ak,wk ps-msv;3% qas;tr py	UM	PS	FU	417.00	418.00	E828393	0.82	QZ-AK		4				
438.10	442.70	pink-olive green;loc tr-str se;8% qas/qcs;7% py;1 spk vg in 3cm qas @ 440.2m	FP5	M	AB	418.00	419.00	E828394	0.94	QZ-AK		4				
442.70	445.80	green-grey/green,mod-str fuch/ak,msv/motl;5% qas;tr py;1 cluster vg spks/ga in 0.5cm qas @ 443.9m;1 spk vg in 0.5cm qas @ 445.6m	UM	M	FU	419.00	420.00	E828395	0.39	QZ-AK		4				
445.80	448.10	olive green;str se;5%fuch UM frags;8% qas;5% py	FP5	M	SE	420.00	421.00	E828397	0.28	QZ-AK		3				
448.10	450.00	grey/green-green,mod-str fuch,wk-mod ps;3% qas;tr py	UM	PS	FU	421.00	422.00	E828398	0.27	QZ-AK		1				
450.00	454.60	grey/green;wk-loc mod fuch,mod-str ak;wk-mod ps;mn dyke frags at lower ct;10% qas/flooding;tr py	UM	PS	AK	423.00	424.00	E828400	1.45	QZ-AK		6				8cm qas
454.60	462.30	green,mod-str fuch/ak,wk ps-loc msv;6% qas;tr py	UM	PS	FU	424.00	425.00	E828401	0.16	QZ-AK		1				
462.30	470.00	olive green;str se;15% qas/qcs;5% py;loc tr ga/cpy	FP5	M	SE	425.00	426.00	E828402	0.65	QZ-AK		3				
470.00	470.40	str se dyke w/ 5cm wk fuch UM at end;8% qas;6% py	MP6	M	SE	426.00	427.00	E828403	1.61	QZ-AK		4				
470.40	478.40	olive green;str se;mn UM frags;10% qas;6% py;loc tr ga;1 spk vg in 10cm qz flooding @ 471.8m	FP5	M	SE	427.00	428.00	E828405	1.39	QZ-AK		3				
478.40	478.70	ore/wgreen;mod ak wk cl;mn qas;tr py	UM	M	AK	428.00	429.00	E828406	2.27	QZ-AK		3				

Survey				Remarks
Depth(m)	Depth(m)	Azimuth	Dip	
	0.00	360	-75	
	27.00	1.8	-74.6	
	78.00	5.3	-74.6	
	129.00	5.6	-74.6	
	180.00	8.1	-75.1	
	231.00	5.6	-75.1	
	282.00	5.3	-74.7	
	333.00	7.4	-75.5	

Hole # **RN13-20**

Claim No. P567201, P12581

Location

Grid Easting Northing Elevation Drill Contractor Core Storage  
 utm27 506380.8 5372690.5 288.16 Major Dome core farm

Date Test Core Size Logged By Length (m) Start Date End Date Remarks  
 3/21/2013 EZ Shot NQ Steve Harding 600 3/14/2013 3/20/2013

Lithology

Assays

From(m)	To (m)	Remarks	Lithology	Texture	Altn	From	To	Sample#	Au g/t	Veining	% QV	% Py	% Po	% Aspy	VG	Remarks
478.70	479.00	2% qas,5% py	FP5	M	SE	429.00	430.00	E828407	1.62	QZ-AK		4				
479.00	479.70	grey/green,mod ak,wk cl,tr qas/py	UM	M	AK	430.00	431.00	E828409	1.03	QZ-AK		3				
479.70	483.90	olive green-loc reddish,mod-str se;loc he/k alt'n,some finer grained sections,5% qas,3% py	FP5	M	SE	431.00	432.00	E828410	1.18	QZ-AK		4				
483.90	487.80	grey/brown,wk-mod se,3% qas,3% py	MP6	M	SE	432.00	433.00	E828411	1.70	QZ-AK		5				
487.80	489.50	dk grey-grey/green,wk tc/ak,mn cl,wk ps-msv,tr py	UM	PS	TC	433.00	434.00	E828412	0.79	QZ-AK		4				
489.50	491.30	dk grey/green,wk cl,mn ak,tr qas/py	MP6	M	CL	434.00	435.00	E828413	3.54	QZ-AK		5				
491.30	498.50	dk grey,wk tc/ak,mod ps,tr py	UM	PS	TC	435.00	435.70	E828414	1.43	QZ-AK		8				
498.50	498.80	tr py	MP6	M	AB	435.70	436.00	E828415	4.20	QZ-AK		8			VG1	0.5cm qas,vg
498.80	499.70	tr py	UM	PS	TC	436.00	436.80	E828417	0.77	QZ-AK		8				
499.70	500.40	tr py	MP6	M	AB	436.80	437.50	E828418	0.03	QZ-AK		6				
500.40	527.10	grey-grey/green,wk-mod tc;loc tr-wk cl,wk ps-msv,tr qcs/py	UM	PS	TC	437.50	438.10	E828419	0.41	QZ-AK		0.1			UM	
527.10	529.10	grey/green-green,wk-mod cl,tr-wk ca,2% py	MP6	M	CL	438.10	439.00	E828420	2.28	QZ-AK		0.1			UM	
529.10	600.00	grey-grey/green,wk-mod tc,tr-wk cl,wk ps-loc msv,tr py,mn MP6 dykes < 4cm wide, EOH	UM	PS	TC	439.00	440.00	E828421	3.14	QZ-AK		7				
						440.00	440.30	E828422	6.32	QZ-AK		7			VG1	3cm qas,vg
						440.30	441.10	E828424	2.41	QZ-AK		7				
						441.10	442.00	E828425	2.65	QZ-AK		6				
						442.00	442.70	E828426	4.70	QZ-AK		7				
						442.70	443.30	E828427	0.97	QZ		0.1			UM	
						443.30	443.80	E828428	0.44	QZ-AK		0.1			UM	
						443.80	444.10	E828429	6.98	QZ-AK		0.1			VG1	UM,0.5cm qas,vg
						444.10	444.80	E828431	0.18	QZ-AK		0.5			UM	UM,4cm FP5 frag
						444.80	445.50	E828432	0.15	QZ-AK		0.1			UM	
						445.50	445.80	E828433	2.57	QZ-AK		0.5			VG1	UM,0.5cm qas,vg
						445.80	446.50	E828434	3.47	QZ-AK		4				
						446.50	447.30	E828435	2.43	QZ-AK		5				
						447.30	448.10	E828436	0.08	QZ-AK		3				15% UM frags
						448.10	449.00	E828437	0.04	QZ-AK		0.1				
						449.00	450.00	E828439	0.02	QZ-AK		0.1				
						450.00	451.50	E828440	0.01	QZ-AK		0.1				
						451.50	452.50	E828441	0.08	QZ-AK		0.1				
						452.50	453.50	E828442	0.08	QZ-AK		0.1				
						453.50	454.60	E828444	0.09	QZ-AK		0.5				
						454.60	455.60	E828445	0.05	QZ-AK		0.1				
						455.60	457.00	E828446	0.01	QZ-AK		0.1				
						457.00	458.00	E828447	0.03	QZ-AK		0.1				
						458.00	459.00	E828449	0.05	QZ-AK		0.1				
						459.00	460.00	E828450	0.05	QZ-AK		0.1				
						460.00	461.30	E828451	0.03	QZ-AK		0.1				
						461.30	462.30	E828452	0.14	QZ-AK		0.1				
						462.30	463.00	E828453	0.74	QZ-AK		6				
						463.00	464.00	E828454	1.60	QZ-AK		5				
						464.00	465.00	E828455	3.75	QZ-AK		5				
						465.00	466.00	E828457	6.48	QZ-AK		6				
						466.00	467.00	E828458	1.97	QZ-AK		5				
						467.00	468.00	E828459	0.99	QZ-AK		4				
						468.00	469.00	E828460	1.19	QZ-AK		4				
						469.00	470.00	E828461	2.97	QZ-AK		6				
						470.00	470.40	E828462	3.83	QZ-AK		6			MP6/UM	
						470.40	471.00	E828463	2.39	QZ-AK		6				
						471.00	471.60	E828464	2.53	QZ-AK		6				
						471.60	472.00	E828465	2.31	QZ-AK		5			VG1	qz flooding,vg
						472.00	472.60	E828467	2.98	QZ-AK		7				
						472.60	473.60	E828468	14.00	QZ-AK		5				
						473.60	474.60	E828469	2.77	QZ-AK		6				20cm UM frag
						474.60	475.60	E828471	0.83	QZ-AK		5				8% UM frags
						475.60	476.80	E828472	1.49	QZ-AK		5				
						476.80	477.60	E828473	1.72	QZ-AK		5				

Survey				Remarks
Depth(m)	Depth(m)	Azimuth	Dip	
	0.00	360	-75	
	27.00	1.8	-74.6	
	78.00	5.3	-74.6	
	129.00	5.6	-74.6	
	180.00	9.1	-75.1	
	231.00	5.6	-75.1	
	282.00	5.3	-74.7	
	333.00	7.4	-75.5	

Hole # **RN13-20**

Claim No. P567201, P12581

Location

Grid Easting Northing Elevation Drill Contractor Core Storage  
 utm27 506380.8 5372690.5 288.16 Major Dome core farm

Date Test Core Size Logged By Length (m) Start Date End Date Remarks  
 3/21/2013 EZ Shot NQ Steve Harding 600 3/14/2013 3/20/2013

Lithology

Assays

From(m)	To (m)	Remarks	Lithology	Texture	Altn	From	To	Sample#	Au g/t	Veining	% QV	% Py	% Po	% Aspy	VG	Remarks
						477.60	478.40	E828474	1.80	QZ-AK		6				
						478.40	478.70	E828475	0.02	QZ-AK		0.1				UM
						478.70	479.00	E828476	0.44	QZ-AK		5				
						479.00	479.70	E828477	0.03	QZ-AK		0.1				UM
						479.70	480.40	E828479	0.65	QZ-AK		4				
						480.40	481.00	E828480	0.27	QZ-AK		3				
						481.00	482.00	E828481	0.50	QZ-AK		2				
						482.00	483.00	E828482	0.66	QZ-AK		3				
						483.00	483.90	E828483	0.92	QZ-AK		4				
						483.90	484.70	E828485	0.09	QZ-AK		5				MP6
						484.70	485.50	E828486	0.04	QZ-AK		3				MP6
						485.50	486.50	E828487	0.06	QZ-AK		3				MP6
						486.50	487.80	E828489	0.01	QZ-AK		3				MP6
						487.80	488.50	E828490	0.01			0.1				UM
						488.50	489.50	E828491	0.00			0.1				UM
						489.50	490.50	E828492	0.00			3				MP6
						490.50	491.30	E828493	0.00			1				MP6
						491.30	492.30	E828494	0.00			0.1				
						492.30	493.80	E828496	0.00			0.1				



Survey				
Depth(m)	Depth(m)	Azimuth	Dip	Remarks
	0.00	360	-70	
	48.00	359.7	-69.2	
	99.00	359.4	-68.7	
	150.00	359.8	-68.3	
	201.00	2	-68.3	
	252.00	1.4	-67.7	
	303.00	1.6	-67.7	
	354.00	2.4	-67.9	

Hole # **RN13-22**

Claim No. P567201, P12583

Location

Grid utm27 Easting 506197.0 Northing 5372602.0 Elevation 284.00 Drill Contractor Major Core Storage Dome core farm

Date 4/18/2013 Test EZ Shot Core Size NQ Logged By Jerry Janik Length (m) 501 Start Date 4/7/2013 End Date 4/14/2013 Remarks

Lithology

Assays

From(m)	To (m)	Remarks	Lithology	Texture	Altn	From	To	Sample#	Au g/t	Veining	% QV	% Py	% Po	% Aspy	VG	Remarks
0.00	23.00	Top of hole Broken core. Appears to be VM. Fine grained and massive	CAS			270.00	271.00	E841085	0.01	QZ-CA		0.5				UM
23.00	51.00	GreyGreen VM with light (Si?) AMY. Few possible pillows? (See Amy on margins/relic salavages?) ~1% Py MG'ed cubic throughout. Small (<1m) sections of contorted Ash	VM			271.00	271.30	E841086	0.30	QZ		1				Start of Diorite
51.00	144.50	CAT->FAT VI light green with Pink Ca stringers. Minimal to no Py mineralization	VM	AMY	CL	271.30	272.30	E841087	1.70	QZ		1				Qtz stringers with halo of SER all and PY mineralization prox to stringers
144.50	152.50	GreenGry UM lightly TC altered. Minor QtzFL throughout. Minimal mineralization	VI	FAT	SI											
152.50	182.00	Dark black UM mod magnetic with SERP all	UM	PS	TC	272.30	273.00	E841088	0.41	QZ		1				
182.00	187.60	GreenGry UM starting off lightly TC altered. Minor QtzFL throughout. Increasing in Taic alteration further	UM	M	SR	273.00	273.30	E841089	0.66	QZ		2				VG1 Small pin prick of VG within a fracture.
187.60	271.00	Dark Tan SER altered Diorite Dyke with a small flake of VG in a narrow fracture. Approx size of VG is comparable to mm mark on a ruler.	UM	PS	TC											Qtz stringers with PY prox to them
271.00	274.70	Black PS'ed UM constant Qtz+Ca FL throughout. <1% Py mineralization	MP6		SE	273.30	273.80	E841091	0.51	QZ		1				End of Diorite
274.70	285.30	Purple/dark Diorite(?) Dyke. No obvious mineralization. Slightly Ca altered.	UM	PS	TC	273.80	274.70	E841092	0.94	QZ		2				UM
285.30	285.80	Black PS'ed UM constant Qtz+Ca FL throughout. <1% Py mineralization	MP6	M	CA	274.70	275.70	E841094	0.18	QZ-CA		0.5				UM
285.80	340.10	Orange/Red Syenite dyke with 2-3% Py overall with small Qtz TNV stringers.	UM	PS	TC	275.70	276.70	E841095	0.15	QZ-CA		0.5				UM
340.10	341.20	Black PS'ed UM constant Qtz+Ca FL throughout. <1% Py mineralization. Presence of AK alteration (spotting) more abundant	UM	M	K	331.50	333.00	E841096	0.00	QZ-CA		0.5				UM
341.20	358.60	Red Diorite dyke with minimal mineralization. Qtz stringers stained with hematite	UM	PS	TC	333.00	334.50	E841097	0.00	QZ-CA		0.5				UM
358.60	360.80	Black PS'ed UM constant Qtz+Ca FL throughout. <1% Py mineralization. Presence of AK alteration (spotting) more abundant	FP5	M	K	334.50	336.00	E841098	0.00	QZ-CA		0.5				UM
360.80	376.00	Slight Green increasing to Very Green near CT. UM is minimal mineralization up until the CT with the syenite	UM	PS	AK	336.00	337.50	E841100	0.00	QZ-CA		0.5				UM
376.00	386.10	Salmon Pink Syenite with small (<1m) inclusions of Strongly FU altered UM (2 inclusions see Assay table). PY content ~3-5% overall.	MP6	M	HE	337.50	339.00	E841101	0.00	QZ-CA		0.5				UM
386.10	399.60	Green UM between syenites. Not sure if fragment or if syenite after this unit is an instruive (ie Syenite finger)	UM	PS	AK	339.00	340.10	E841102	0.02	QZ-CA		1				CT with Syenite finger
399.60	401.30	Pink syenite with ~4% overall Py but has PY stringer throughout (0.25-0.5cm thick)	UM	M	FU	340.10	340.60	E841103	0.44	QZ		3				Syenite Dyke with Mineralization prox to stringers
401.30	402.20	Green UM with Qtz+Ca stringers PS throughout and some late stage Qtz stringers(Clear) no apparent mineralization associated with either series	UM	M	FU	340.60	341.20	E841104	0.20	QZ		2				UM
402.20	411.50	Syenite Finger. Grading from Green Syenite to pink syenite with 4-5% Py throughout. Many late stage hairthin Qtz stringers	FP5	M	K	341.20	342.00	E841105	0.02	QZ-CA		1				UM
411.50	412.90	Strong Green to a lighter Green fading into the next unit. Minimal mineralization	UM	PS	AK	342.00	343.50	E841107	0.01	QZ-CA		1				UM
412.90	415.00	Dark UM with Qtz+Ca stringers in all directions. Small pockets of FU and/or SER alt. Very localized. No apparent PY mineralization. Small amount of CPY near FU alt	UM	PS	AK	343.50	345.00	E841108	0.00	QZ-CA		1				UM
415.00	429.60	Small Syenite dike with large PY Xstals ~4% overall. Has an odd purple chill margin	UM	M	K	345.00	346.50	E841109	0.00	QZ-CA		1				UM
429.60	430.20	Dark Gey UM with some Massive sections inbetween PS'ed sections. Minor Py mineralization in sections with high % of Qtz	UM	PS	AK	346.50	348.00	E841110	0.00	QZ-CA		1				UM
430.20	501.00		UM	PS	FU	348.00	349.50	E841111	0.00	QZ-CA		1				UM
			UM	PS	AK	349.50	351.00	E841112	0.00	QZ-CA		1				UM
			UM	PS	AK	351.00	352.50	E841114	0.00	QZ-CA		1				UM
			UM	PS	AK	352.50	354.00	E841115	0.00	QZ-CA		1				UM
			UM	PS	FU	354.00	355.50	E841116	0.00	QZ-CA		1				UM
			UM	PS	AK	355.50	357.00	E841117	0.00	QZ-CA		1				UM
			UM	PS	AK	357.00	358.00	E841118	0.00	QZ-CA		1				UM
			UM	PS	AK	358.00	358.60	E841120	0.01	QZ-CA		1				UM
			UM	PS	TC	358.60	359.60	E841121	0.21	QZ		2				Hematite altered Diorite dyke
			UM	PS	TC	359.60	360.00	E841122	0.06	QZ		2				UM
			UM	PS	TC	360.00	360.80	E841123	0.00	QZ		2				UM
			UM	PS	TC	360.80	361.50	E841124	0.00	QZ-CA		1				UM
			UM	PS	TC	361.50	363.00	E841125	0.01	QZ-CA		1				UM
			UM	PS	TC	363.00	364.50	E841126	0.00	QZ-CA		1				UM
			UM	PS	TC	364.50	366.00	E841127	0.02	QZ-CA		1				UM
			UM	PS	TC	366.00	367.50	E841128	0.00	QZ-CA		1				UM
			UM	PS	TC	367.50	369.00	E841129	0.00	QZ-CA		1				UM
			UM	PS	TC	369.00	370.50	E841130	0.00	QZ-CA		1				UM
			UM	PS	TC	370.50	372.00	E841131	0.00	QZ-CA		1				UM
			UM	PS	TC	372.00	373.50	E841132	0.01	QZ-CA		1				UM
			UM	PS	TC	373.50	375.00	E841134	0.00	QZ-CA		1				UM
			UM	PS	TC	375.00	376.00	E841135	0.00	QZ-CA		1				UM
			UM	PS	TC	376.00	377.00	E841136	0.03	QZ-CA		1				UM
			UM	PS	TC	377.00	378.00	E841137	0.01	QZ-CA		1				UM + FU alt starts
			UM	PS	TC	378.00	379.00	E841139	0.08	QZ		1				more massive
			UM	PS	TC	379.00	380.00	E841140	0.04	QZ-CA		1				UM
			UM	PS	TC	380.00	381.00	E841141	0.00	QZ-CA		1				UM
			UM	PS	TC	381.00	381.50	E841142	0.01	QZ-CA		1				UM
			UM	PS	TC	381.50	381.80	E841143	0.49	QZ		3				Very FU altered. Increasing PY content and CT with Syenite

Survey				Remarks
Depth(m)	Depth(m)	Azimuth	Dip	
	0.00	360	-70	
	48.00	359.7	-69.2	
	99.00	359.4	-68.7	
	150.00	359.8	-68.3	
	201.00	2	-68.3	
	252.00	1.4	-67.7	
	303.00	1.6	-67.7	
	354.00	2.4	-67.9	

Hole # **RN13-22**

Claim No. P567201, P12583

Location

Grid Easting Northing Elevation Drill Contractor Core Storage  
 utm27 506197.0 5372602.0 284.00 Major Dome core farm

Date Test Core Size Logged By Length (m) Start Date End Date Remarks  
 4/18/2013 EZ Shot NQ Jerry Janik 501 4/7/2013 4/14/2013

Lithology

Assays

From(m)	To (m)	Remarks	Lithology	Texture	Altn	From	To	Sample#	Au g/t	Veining	% QV	% Py	% Po	% Aspy	VG	Remarks
						381.80	382.80	E841144	0.75	QZ		4				Start of Syenite
						382.80	383.80	E841145	0.04	QZ		4				Green SER syenite
						383.80	384.50	E841147	0.01	QZ		3				^
						384.50	385.50	E841148	0.20	QZ		3				^ + More K Alteration
						385.50	386.60	E841149	0.04	QZ		3				^
						386.60	386.90	E841151	0.37	QZ-CA		2				FU altered UM clast
						386.90	387.90	E841152	0.70	QZ		4				Pink Syenite
						387.90	388.80	E841153	0.24	QZ-CA		2				FU UM Clast
						388.80	389.90	E841154	0.26	QZ		6				Pink Syenite with slight fade to SER/TanGreen syenite near end of sample
						389.90	390.50	E841156	0.33	QZ		5				Transition from Pink to Green Syenite
						390.50	391.50	E841157	0.63	QZ		2				Green syenite
						391.50	392.50	E841158	0.27	QZ		2				^ + Larger flat lying stringers
						392.50	393.00	E841159	0.12	QZ		2				^
						393.00	394.00	E841160	0.25	QZ		3				^
						394.00	395.00	E841161	0.09	QZ		1				^
						395.00	396.00	E841162	0.35	QZ		1				^
						396.00	396.50	E841163	0.80	QZ		1				^
						396.50	397.50	E841164	0.82	QZ		2				^
						397.50	398.50	E841166	0.81	QZ		2				^
						398.50	399.00	E841167	0.47	QZ		2				^
						399.00	399.60	E841168	0.39	QZ		2				End of syenite
						399.60	400.00	E841169	0.47	QZ-CA		1				FU alt UM
						400.00	401.30	E841170	0.26	QZ-CA		1				^
						401.30	401.80	E841171	1.09	PY		6				Syenite dyke with PY stringers and some Qtz stringers.
						401.80	402.20	E841173	1.34	PY		6				^
						402.20	403.00	E841174	0.01	QZ-CA		0.5				FU altered UM
						403.00	404.00	E841175	0.01	QZ-CA		1				^
						404.00	405.00	E841177	0.07	QZ-CA		1				^
						405.00	406.00	E841178	0.01	QZ-CA		1				^
						406.00	407.00	E841179	0.04	QZ-CA		1				^
						407.00	408.00	E841180	0.01	QZ-CA		1				^
						408.00	409.00	E841181	0.18	QZ-CA		1				^
						409.00	410.00	E841182	0.00	QZ-CA		1				^
						410.00	411.00	E841183	0.02	QZ-CA		1				^
						411.00	411.50	E841185	0.07	QZ-CA		1				FU altered UM
						411.50	412.20	E841186	3.22	QZ		3				Syenite finger
						412.20	412.90	E841187	1.19	QZ		5				^
						412.90	414.00	E841189	0.04	QZ-CA		1				FU altered UM
						414.00	415.00	E841190	0.01	QZ-CA		1				FU fading, AK starting
						415.00	416.00	E841191	0.02	QZ-CA		1				AK alt UM
						416.00	417.00	E841192	0.00	QZ						^
						417.00	418.50	E841193	0.00	QZ-CA		1				^
						418.50	420.00	E841194	0.00	QZ-CA		1				^
						420.00	421.50	E841195	0.00	QZ-CA		1				^
						421.50	423.00	E841196	0.00	QZ-CA		1				^
						423.00	424.50	E841198	0.00	QZ-CA		1				^
						424.50	426.00	E841199	0.01	QZ-CA		1				^
						426.00	427.50	E841200	0.01	QZ-CA		1				^
						427.50	429.00	E841201	0.00	QZ-CA		1				^
						429.00	429.60	E841202	0.09	QZ-CA		1				^
						429.60	430.20	E841203	1.27	QZ		4				Syenite Dyke
						430.20	430.50	E841205	0.02	QZ-CA		1				AK UM
						430.50	432.00	E841206	0.00	QZ-CA		1				Higher content of strmars

Survey				Remarks
Depth(m)	Depth(m)	Azimuth	Dip	
	0.00	360	-70	
	48.00	359.7	-69.2	
	99.00	359.4	-68.7	
	150.00	359.8	-68.3	
	201.00	2	-68.3	
	252.00	1.4	-67.7	
	303.00	1.6	-67.7	
	354.00	2.4	-67.9	

Hole # **RN13-22**

Claim No. P567201, P12583

Location

Grid Easting Northing Elevation Drill Contractor Core Storage  
 utm27 506197.0 5372602.0 284.00 Major Dome core farm

Date Test Core Size Logged By Length (m) Start Date End Date Remarks  
 4/18/2013 EZ Shot NQ Jerry Janik 501 4/7/2013 4/14/2013

Lithology

Assays

From(m)	To (m)	Remarks	Lithology	Texture	Altn	From	To	Sample#	Au g/t	Veining	% QV	% Py	% Po	% Aspy	VG	Remarks
						432.00	433.50	E841207	0.00	QZ-CA		1				

Hole # **RN13-23** Claim No. P567201 Location

Survey				Remarks
Depth(m)	Depth(m)	Azimuth	Dip	
	0.00	360	-80	
	27.00	358.7	-81	
	78.00	1.3	-80.7	
	129.00	2	-80.4	
	180.00	1.7	-80.8	
	231.00	4.3	-80.8	
	282.00	5.9	-80.5	
	333.00	5.5	-80.7	

Grid utm27 Easting 506407.0 Northing 5372663.0 Elevation 289.50 Drill Contractor Major Core Storage Dome core farm

Date 4/24/2013 Test EZ Shot Core Size NQ Logged By Saralyn Horvath Length (m) 645 Start Date 4/6/2013 End Date 4/15/2013 Remarks

Lithology				Assays												
From(m)	To (m)	Remarks	Lithology	Texture	Altn	From	To	Sample#	Au g/t	Veining	% QV	% Py	% Po	% Aspy	VG	Remarks
0.00	15.00	Green; fine grained; trace py; breccia clasts are angular; somewhat hard unit; few qtz carb stringers; gradational lower contact defined by disappearance of clasts	CAS		CL	173.00	174.00	E797501	0.00	QZ-CA		0.5				irregular stringers
15.00	38.60		VM	PIL	CL	174.00	174.30	E797502	0.04	QZ-CA		1	0.5			
38.60	78.80	Green - darker green downhole; fine grained; up to 1 cm qtz carb stringers; trace py but locally up to 2%; trace py; po; 40.3-40.5m - black fine grained dyke with sharp contacts at 70 TCA; lower contact hard to distinguish	VM	M	CL	174.30	175.00	E797503	0.00			0.25				qtz calcite vein at approx 10-15 TCA somewhat irregular
78.80	126.00	Dark grey to green; fine grained; few qtz calcite stringers/veins; trace py; weak chlorite alteration; weakly magnetic; soft	UM	PS	SR	175.00	176.50	E797504	0.01	QZ		0.1				
126.00	131.90	Fault zone; mainly faulted from 131.6-131.9m; approx 50 % broken core with 50% competent pieces; dark grey to green; fine grained; few qtz calcite stringers/veins; trace py; weak chlorite alteration; weakly magnetic; soft	FZ	PS	TC	176.50	177.50	E797506	0.01			0.1				
131.90	165.00	Dark grey to green; fine grained; few qtz calcite stringers/veins; trace py; weak serpentinization; weakly magnetic; moderate hardness softening downhole	UM	PS	CL	177.50	178.00	E797507	0.00	QZ-CA		0.1				
165.00	185.80	Dark greenish grey; fine grained; several qtz calcite stringers/veins; trace sulphides; soft; very weakly magnetic; sharp broken LC	UM	PS	TC	178.00	179.50	E797508	0.00			0.1				irregular over entire length
185.80	223.00	Dark grey to green; fine grained; several qtz calcite stringers/veins; trace py; weak serpentinization; weakly magnetic; moderate hardness softening downhole	UM	PS	CL	179.50	180.50	E797510	0.00			0.1				
223.00	245.70	Green to yellowish; fine to coarse grained; bladed calcite crystals; trace py overall - locally up to 1% usually in wall rock near qtz carb stringers/veining; several brecciated sections; hard unit; sharp irregular LC	VI	FAT	AB	180.50	180.90	E797511	0.01	QZ-CA		0.1				
245.70	260.50	Dark grey to green; fine grained; soft; magnetic; trace py; few qtz carb stringers/veins; Green with beige alteration halos around veins; fine to coarse grained; several qtz stringers/veins with py in alteration halos; sharp irregular LC	UM	PS	TC	181.90	181.90	E797513	0.01			0.1				
260.50	261.40	Dark grey; fine grained; equigranular; trace py; fine qtz stringers; sharp irregular LC	MP6			181.90	183.00	E797514	0.00			0.1				
261.40	310.90	Dark grey to black; fine grained; trace py; few qtz calcite stringers; localized serp alt; soft; magnetic	UM	PS	TC	245.70	247.10	E797515	0.01			0.1				
310.90	311.50	Dark brown to black; fine grained; trace py; sharp chilled contacts; UC 60 TCA; LC 40 TCA	AP2	BI		247.10	248.10	E797516	0.00			0.1				
311.50	312.10	Dark grey to black; fine grained; trace py; soft	UM	PS	TC	248.10	248.90	E797517	0.01	QZ		6				
312.10	312.80	Dark brown to black; fine grained; trace py; sharp chilled contacts; UC 50 TCA; LC irregular	AP2	BI		248.90	249.60	E797518	0.04	QZ		4				
312.80	318.30	Dark green; fine grained; trace py overall; few qtz calcite stringers/veins; weakly magnetic; soft	UM	M	TC	249.60	250.20	E797520	0.01	QZ		1				
318.30	318.50	Dark brown to black; fine grained; trace py; sharp chilled contacts; UC 40 TCA; LC 30 TCA	AP2	BI		250.20	251.20	E797521	0.01			0.25				
318.50	319.00	Dark grey green; fine grained; trace py; moderate to soft hardness	UM	PS	CL	251.20	252.50	E797522	0.01			0.25				
319.00	319.40	Dark brown to black; fine grained; trace py; sharp irregular chilled contacts	AP2	BI		252.50	253.10	E797523	0.01	QZ		0.25				
319.40	344.50	Dark grey green; fine grained; somewhat soft; trace py overall - locally up to 1%; few qtz calcite stringers; locally weakly magnetic	UM	PS	CL	253.10	253.70	E797525	0.00	QZ		0.1				
344.50	353.80	Dark grey green; fine grained; soft; trace py overall - locally up to 1%; few qtz calcite stringers; magnetic; few FZ's @ 344.5m; 345-345.3m; 353.6-353.8m	UM	PS	TC	253.70	255.00	E797526	0.00			0.25				
353.80	389.00	Dark grey green; fine grained; soft; trace py overall; few qtz calcite stringers; magnetic; localized serpentinization	UM	PS	TC	402.70	403.70	E797527	0.00			0.1				
389.00	389.40	Dark purpleish brown; fine grained - equigranular; 0.5% py; few carb stringers; sharp contacts; UC at 40 TCA; LC broken	MP	AB		403.70	404.10	E797528	0.02			1				
389.40	398.70	Dark grey; fine grained; trace py overall; irregular qtz carb veining; weak chlorite alteration - locally stronger; irregular sharp LC	UM	PS	AK	404.10	405.10	E797529	0.00			0.1				
398.70	399.20	Dark grey to black; fine grained equigranular; few carb stringers; trace py overall; irregular contacts	MP	CL		419.30	420.80	E797530	0.01	QZ-CA		0.1				
399.20	411.10	Dark grey to black; locally brown; fine grained; trace py overall; some areas more massive; 403.7-404.1m silicification and 1% py - looks like alteration but dyke maybe?	UM	PS	AK	420.80	421.80	E797532	0.05	QZ-CA		0.1				
411.10	411.80	Dark grey to black; fine grained equigranular; few irregular qtz carb stringers; trace py overall; UC at 50 TCA; LC irregular	MP	CL		421.80	422.30	E797533	0.12	QZ-CA		0.25				
411.80	422.30	Dark grey green; fine grained; few irregular qtz carb stringers; trace py overall; weakly magnetic; LC sharp at 40 TCA	UM	PS	AK	422.30	423.20	E797534	0.30	QZ-AK		0.5				
422.30	426.10	Green and pink; primarily fine grained - mostly equigranular with rare medium grained phenos; maybe albite?; 1-2% py; qtz and qtz ank stringers; trace cp and galena; sharp LC at 45 TCA	FP5	AB		423.20	424.20	E797535	0.13	AK-QZ		1				
426.10	428.50	Dark grey/green; fine grained; trace py; few qtz carb stringers; very weakly fuchstic - stronger at upper contact	UM	PS	AK	424.20	425.20	E797536	0.00	QZ		2				
428.50	455.00	Dark grey; fine grained; trace py to 1% locally; few qtz carb stringers and abundant irregular ankerite/qtz veins/stringers	UM	PS	AK	425.20	426.10	E797538	0.11	QZ		2				
455.00	463.50	Dark grey green; fine grained; trace py; few qtz ank stringers; sharp LC at 60 TCA	UM	PS	CL	426.10	426.60	E797539	0.14	QZ-CA		0.5				
463.50	466.40	Primarily ultramafic unit with syenite lenses from 15-30 cm; ultramafic is dark grey; fine grained; polysulfured; trace py; few qtz carb stringers; syenite is pink; fine grained; equigranular; with irregular	FP5	K		426.60	427.60	E797540	0.02	QZ-CA		0.25				
			UM	PS	AK	427.60	429.00	E797541	0.03	QZ-CA		0.1				
			UM	PS	AK	462.00	463.00	E797542	0.00	QZ-AK		0.1				
			UM	PS	AK	463.00	463.50	E797544	0.00	QZ-AK		0.1				
			UM	PS	CL	463.50	463.80	E797545	0.00	QZ-AK		1.5				
			UM	PS	K	463.80	464.70	E797546	0.00	QZ-AK		0.1				
			UM	PS	AK	464.70	465.00	E797547	0.00	QZ-AK		0.75				
			UM	PS	AK	465.00	466.20	E797548	0.00	QZ-AK		0.1				

Survey			
Depth(m)	Depth(m)	Azimuth	Dip
	0.00	360	-80
	27.00	358.7	-81
	78.00	1.3	-80.7
	129.00	2	-80.4
	180.00	1.7	-80.8
	231.00	4.3	-80.8
	282.00	5.9	-80.5
	333.00	5.5	-80.7

Hole # **RN13-23**

Claim No.

P567201

Location

Grid  
utm27

Easting  
506407.0

Northing  
5372663.0

Elevation  
289.50

Drill Contractor  
Major

Core Storage  
Dome core farm

Date  
4/24/2013

Test  
EZ Shot

Core Size  
NQ

Logged By  
Saralyn Horvath

Length (m)  
645

Start Date  
4/6/2013

End Date  
4/15/2013

Remarks

Lithology

Assays

From(m)	To (m)	Remarks	Lithology	Texture	Altn	From	To	Sample#	Au g/t	Veining	% QV	% Py	% Po	% Aspy	VG	Remarks
466.40	468.30	Dark grey green, fine to medium grained; trace py, irregular qtz ank stringers	UM	PS	AK	466.20	466.50	E797549	0.00			2				two phases of syenite, one approx 35% other approx 20% with most of py - other 45% ultramafic
468.30	468.40	Gouge at 50 TCA	FZ													
468.40	468.90	Dark green, fine to medium grained; 0.5% py, irregular qtz ank stringers; sharp somewhat irregular LC	UM	PS	AK											
468.90	469.20	Pink; mainly fine grained; 4% py, irregular qtz stringers some with ank; sharp irregular LC	FP5	AB												
469.20	469.80	Bright green, fine grained; 0.5% py, irregular qtz and qtz ank stringers; sharp irregular LC	UM	PS	FU	466.50	467.40	E797551	0.01	QZ-AK		0.1				
469.80	470.10	Pink; mainly fine grained; 3% py, few irregular qtz stringers some with ank; sharp irregular LC	FP5	AB		467.40	468.20	E797552	0.00	QZ-AK		0.5				irregular stringers
470.10	471.20	Bright green, fine grained; 0.5% py, irregular qtz and qtz ank stringers, broken LC	UM	PS	FU	468.20	468.90	E797553	0.01	AK-QZ		0.5				
471.20	471.60	Pink to light green; mainly fine grained, weak sericite near UC, 4-5% py, few irregular qtz stringers some with ank; sharp irregular LC	FP5	AB		468.90	469.20	E797554	0.21	QZ		4				some stringers with ank; mainly irregular
471.60	472.60	Bright green to yellow, fine grained; 0.25% py, irregular qtz and qtz ank stringers	UM	PS	AK	469.20	469.80	E797556	0.01	QZ		0.5				irregular qtz and qtz ank stringers
472.60	488.00	Dark grey, fine to medium grained; trace py overall; few qtz and ank stringers; weak fuchsite with strong ankerite alt near LC; LC sharp and irregular	UM	PS	AK	469.80	470.10	E797557	0.08	QZ		3				irregular stringers
488.00	491.00	Light green but pink at contacts; fine grained; 2% py overall; fine qtz and ank stringers; sharp LC at 60 TCA	FP9	AB		470.10	470.40	E797558	0.01	QZ		0.5				irregular
491.00	498.20	Dark grey, fine grained; massive from 492-494.5, trace py overall; soft; magnetic; lower contact has fuchsite - is irregular at approx 60 TCA	UM	PS	AK	470.40	471.20	E797559	0.02	QZ		0.5				irregular veining and 3.5 cm at 30 TCA with little ankerite with veining
498.20	498.50	Pink; fine grained with rare medium grained pheno, qtz and qtz ank stringers, 4% py, 0.5% gal, LC broken	FP5	POR	AK	471.20	471.60	E797560	0.28	QZ		4.5				parallel stringers up to 6 mm at approx 60 TCA
498.50	529.00	Dark grey, fine grained; magnetic; several qtz ank veins/stringers; trace py overall - locally more, few lenses of syenite; sharp irregular LC	UM	PS	AK	471.60	472.60	E797561	0.01	AK-QZ		0.25				irregular
529.00	529.30	Pink; several qtz ank stringers; 1.5% py, sharp somewhat irregular LC at 30 TCA	FP5	AB		472.60	473.10	E797562	0.00	QZ		0.1				
529.30	546.80	Dark grey, fine grained; magnetic; few qtz ank stringers; trace py overall; sharp LC broken	UM	PS	AB	473.10	474.60	E797563	0.00	QZ-AK		0.1				
546.80	548.70	Dark grey to purplish grey, fine grained, equigranular, irregular qtz and ank stringers, trace py overall; few irregular patches of syenite; LC sharp at 40 TCA	MP5	AK		474.60	487.60	E797565	0.00			0.1				
548.70	549.60	Dark green grey, fine grained; first 30 cm foliated approx 40 TCA, fuchsite increases intensity for last 30 cm; 0.5% py, sharp LC at 40 TCA	UM	AK		487.60	488.00	E797566	0.02			0.25				
549.60	551.10	Pink; fine to primarily coarse grained; several qtz stringers and veins; VG; py and galena, gradational alteration contact	FP5	AB		488.00	489.00	E797567	0.08	AK-QZ		2				low to mid angles
551.10	556.50	Green to forest green; fine to primarily coarse grained; several qtz veins and stringers; py and galena	FP5	SE		489.00	490.00	E797569	0.08	AK-QZ		2				fine stringers; some crosscutting
556.50	566.75	Irregular quartz vein/flooding, sericite/muscovite on edges, localized areas with ankerite alteration; trace py	QV	QzFL		490.00	491.00	E797570	0.03	QZ		2				some irregular; some ank stringers
566.75	566.90	Green to forest green, fine to primarily coarse grained; several qtz veins and stringers; py and galena	FP5	SE		491.00	491.50	E797571	0.00	AK-QZ		0.1				
566.90	568.80	White qtz vein; sericite/muscovite on edges; trace py and galena; upper contact somewhat irregular; LC at 60 TCA	QV	MV		491.50	492.00	E797572	0.01			0.25				
568.80	575.10	Green to forest green, fine to primarily coarse grained, several qtz veins and stringers; VG; py and galena	FP5	SE		492.00	493.00	E797573	0.00	AK		0.25				irregular
575.10	576.10	Pink; fine to primarily coarse grained, chlorite filling fine fractures mainly in darker pink areas; in lighter pink areas more qtz stringers; py and galena	FP5	AB		493.00	494.50	E797574	0.00	AK-QZ		0.25				
576.10	581.70	Forest green; fine to coarse grained; few qtz stringers; py	FP5	SE		494.50	495.50	E797575	0.00			0.1				
581.70	582.50	Pink to green downhole, fine to primarily coarse grained; py; galena and VG; several fine qtz stringers; sharp irregular LC	FP5	AB		495.50	496.60	E797576	0.00			0.25				
582.50	585.10	Grey, fine grained; trace py, strong fuchsite at UC; few fine qtz ank stringers; LC sharp at 60 TCA	UM	PS	AK	496.60	497.70	E797577	0.00			0.25				
585.10	587.10	Pink to light green, sericite decreases downhole and K increases; fine to primarily coarse grained; py; few stringers, gradational LC with porphyritic syenite	FP5	AB		497.70	498.20	E797578	0.01	AK		0.5				
587.10	587.40	Pink to grey; fine grained with medium to coarse grained phenos; pyrite; red mineral filling fine fractures - hematite or K?, few stringers	FP5	POR	AB	498.20	498.50	E797579	0.09	QZ		4				some with ankerite, most at approx 30 TCA
587.40	588.80	Pink, fine to coarse grained; py; few fine stringers; angular fragments of UM near sharp irregular LC	FP5	SE		498.50	499.10	E797581	0.00			0.1				weak fuchsite and stronger ankerite
588.80	591.60	Dark greenish grey, fine grained, trace py overall; near UC is 10 cm syenite, sharp LC at 30 TCA	UM	PS	AK	499.10	500.60	E797582	0.00	QZ		0.1				
591.60	594.00	Pink, fine grained groundmass with medium to coarse grained phenos; py; few qtz stringers; sharp broken LC	FP5	POR	AB	500.60	502.00	E797583	0.00	AK-QZ		0.5				
594.00	600.50	Dark olive green, fine grained; few qtz stringers and fingerings of syenite; brecciated fragments with stronger sericite, alteration LC gradational	UM	PS	AK	502.00	502.90	E797585	0.01	QZ-AK		0.25				
600.50	625.00	Dark grey to dark olive green, fine grained, mottled texture; trace py overall; occasional stringers	UM	AK		502.90	503.40	E797586	0.00	QZ-AK		0.25				small gouge near end of sample
625.00	625.20	Dark grey, fine to medium grained; qtz carb stringers, trace py overall; local mottled texture; local mod-str serpentine alteration; sharp LC at 70 TCA	UM	PS	TC	503.40	503.90	E797587	0.00	QZ-AK		1				brecciated qtz fragments
625.20	625.50	Black; fine grained; equigranular; 0.5% py; carb stringers; sharp chilled contacts at 70 TCA	AP2	BI		503.90	504.90	E797588	0.00	QZ-AK		0.5				irregular qtz ank veining and several parallel veins up to 1 cm between 40 and 60 TCA
625.50	645.00	Dark grey, fine grained; local moderate chlorite alteration; trace py; weakly magnetic; irregular qtz carb stringers; 645m EOH	UM	PS	TC	504.90	506.40	E797589	0.00	QZ-AK		0.25				irregular stringers
			UM	PS	AK	506.40	507.80	E797590	0.00	QZ-AK		0.25				
			UM	PS	AK	507.80	509.30	E797591	0.00			0.1				5 cm band of syenite?
			UM	PS	AK	509.30	510.30	E797592	0.00			0.1				brecciated fragments of dark pink syenite?
			UM	PS	TC	510.30	511.70	E797593	0.00			0.1				
			UM	PS	TC	511.70	512.20	E797594	0.01			0.5				
			UM	PS	TC	512.20	512.50	E797596	0.06	QZ-AK		1				several mm scale stringers at 50 TCA in 8 cm of syenite with py and galena
						512.50	513.00	E797598	0.01	QZ-AK		0.5				
						513.00	514.50	E797599	0.00	QZ-AK		0.25				

Survey				Remarks
Depth(m)	Depth(m)	Azimuth	Dip	
	0.00	360	-80	
	27.00	358.7	-81	
	78.00	1.3	-80.7	
	129.00	2	-80.4	
	180.00	1.7	-80.8	
	231.00	4.3	-80.8	
	282.00	5.9	-80.5	
	333.00	5.5	-80.7	

Hole # **RN13-23**

Claim No.

P567201

Location

Grid  
utm27

Easting  
506407.0

Northing  
5372663.0

Elevation  
289.50

Drill Contractor  
Major

Core Storage  
Dome core farm

Date  
4/24/2013

Test  
EZ Shot

Core Size  
NQ

Logged By  
Saralyn Horvath

Length (m)  
645

Start Date  
4/6/2013

End Date  
4/15/2013

Remarks

Lithology						Assays										
From(m)	To (m)	Remarks	Lithology	Texture	Altn	From	To	Sample#	Au g/t	Veining	% QV	% Py	% Po	% Aspy	VG	Remarks
						514.50	516.00	E797600	0.00			0.25				
						516.00	517.50	E797601	0.00			0.1				
						517.50	519.00	E797602	0.00	QZ-AK		0.25				
						519.00	519.80	E797603	0.00			0.5				
						519.80	520.10	E797604	0.02	QZ		0.25				
						520.10	520.80	E797606	0.00	QZ-AK		0.25				
						520.80	522.00	E797607	0.00			0.1				
						522.00	523.50	E797608	0.00	QZ-AK		0.1				
						523.50	525.00	E797609	0.00	QZ-AK		0.1				
						525.00	526.50	E797611	0.00			0.1				
						526.50	528.00	E797612	0.00			0.1				
						528.00	529.00	E797613	0.00	QZ-AK		0.1				
						529.00	529.30	E797614	0.02	QZ-AK		1.5				
						529.30	529.80	E797616	0.01			0.1				
						529.80	531.30	E797617	0.00	QZ-AK		0.25				
						544.80	546.30	E797618	0.00			0.25				
						546.30	546.80	E797619	0.01	QZ-AK		0.25				
						546.80	547.60	E797620	0.00	QZ-AK		0.5				
						547.60	548.70	E797621	0.00	QZ		0.25				
						548.70	549.30	E797623	0.01			0.5				
						549.30	549.70	E797624	0.66	QZ		0.75			VG1	primarily fine stringers, 9 specks VG approx 1 mm from 1 mm irregular stringer
						549.70	550.00	E797626	1.24	QZ		2				
						550.00	550.30	E797627	5.26	QZ		0.75			VG1	partial py band; irregular stringers up to 2 mm
						550.30	550.80	E797629	3.29	QZ		3				1.5 cm at 40 TCA with 2 VG pin pricks on edge; few other qtz stringers crosscutting each other; at least two generations qtz somewhat irregular <3mm stringers at approx 30-50 TCA; 2 cm at 40 TCA; at least two generations qtz
						550.80	551.10	E797630	2.72	QZ		2.5				py band; 1 mm at 40 TCA; other stringers crosscutting and slightly irregular
						551.10	552.00	E797631	1.15	QZ		1				5 mm at 25 TCA; parallel to 1.5 cm at 30 TCA; 5 mm at 40 TCA; few other irregular stringers
						552.00	552.40	E797632	13.20	QZ		3				2.5 cm at 25 TCA; other qtz probably cut by hole; both veins with py bands and galena
						552.40	552.90	E797633	1.90	QZ		1.5				irregular qtz with hematite
						552.90	553.60	E797634	3.70	QZ		1				1 cm at 40 TCA; other irregular stringers
						553.60	553.90	E797635	1.52	QZ		1.5				fine stringers, pink syenite- less sericite
						553.90	554.90	E797636	0.38	QZ		2				primarily irregular qtz in width and angle; few generations, one stringer cut by another

Survey				Remarks
Depth(m)	Depth(m)	Azimuth	Dip	
	0.00	360	-80	
	27.00	358.7	-81	
	78.00	1.3	-80.7	
	129.00	2	-80.4	
	180.00	1.7	-80.8	
	231.00	4.3	-80.8	
	282.00	5.9	-80.5	
	333.00	5.5	-80.7	

Hole # **RN13-23**

Claim No.

P567201

Location

Grid  
utm27

Easting  
506407.0

Northing  
5372663.0

Elevation  
289.50

Drill Contractor  
Major

Core Storage  
Dome core farm

Date  
4/24/2013

Test  
EZ Shot

Core Size  
NQ

Logged By  
Saralyn Horvath

Length (m)  
645

Start Date  
4/6/2013

End Date  
4/15/2013

Remarks

Lithology

Assays

From(m)	To (m)	Remarks	Lithology	Texture	Altn	From	To	Sample#	Au g/t	Veining	% QV	% Py	% Po	% Aspy	VG	Remarks
						554.90	555.90	E797637	0.48	QZ		0.25				several stringers < 8mm in different directions; some crosscutting each other
						555.90	556.40	E797638	0.67	QZ		1.5				py band; 1mm at 30 TCA ank qtz stringer; qtz stringer running subparallel TCA
						556.40	556.70	E797639	7.95	QZ		0.5				trace py in vein
						556.70	557.20	E797640	0.13	QZ		0.5				2 mm at 60 TCA, crosscut by irregular qtz
						557.20	558.20	E797641	0.27	QZ-AK		0.75				2 mm qtz ank at 5 TCA; 6 mm qtz ank at 40 TCA; 3 mm qtz at 50 TCA
						558.20	559.20	E797642	0.10	QZ		0.5				5 mm at 50 TCA partially crosscuts 3 mm at 20 TCA stringer; parallel to 1 cm stringer at 20 TCA; some ankerite in stringers; 2 mm at 15 TCA with slight offsetting
						559.20	559.70	E797643	0.10	QZ		0.25				1 mm at 45 TCA; fine ankerite stringer
						559.70	560.00	E797645	0.88	QZ		0.5				4-8 cm vein with irregular contacts/width - hematite
						560.00	561.00	E797646	0.34	QZ		2				fine ankerite stringer at 25 TCA; 3 mm qtz at 60 TCA with py; several py bands; 2 mm at 35TCA
						561.00	562.00	E797647	0.38	QZ		1.5				3 mm at 40 TCA; 3 mm at 55 TCA; 5 mm at 60 TCA crosscut by stringer of irregular width (1-5 mm) at 30 TCA; other fine stringers
						562.00	563.00	E797648	0.28	QZ		0.75				1 cm at 50 TCA with 5 mm splay at 40 TCA; 6 mm at 30 TCA; few other stringers
						563.00	563.50	E797649	0.07	QZ		0.5				3.5 cm at 50 TCA crosscuts irregular stringer
						563.50	564.20	E797650	0.30	QZ		1				3 mm at approximately 20 TCA - slightly irregular
						564.20	564.50	E797651	0.78	QZ		0.75				2 cm at 60 TCA slightly crosscuts 5 mm stringer at 20-30 TCA; seem to be same phase of qtz
						564.50	565.00	E797653	0.92	AK		1.5				fine ankerite and hematite rich ankerite stringers
						565.00	565.90	E797654	1.09	QZ		0.75				5 mm at 30 TCA; 2 mm at 50 TCA; several fine stringers; several irregular ankerite stringers; slightly pinker phase of syenite
						565.90	566.60	E797655	1.57	QZ		0.5				6 mm at 30 TCA; 1 cm at 25 TCA py primarily in wall rock and stringers; 3 mm at approx 35 TCA; 1 cm at 40 TCA which touches main vein - same phase?
						566.60	566.90	E797656	1.06	QZ		1				15 cm vein at 60 TCA irregular stringers
						566.90	567.40	E797658	1.29	QZ		0.5				

Survey				
Depth(m)	Depth(m)	Azimuth	Dip	Remarks
	0.00	360	-80	
	27.00	358.7	-81	
	78.00	1.3	-80.7	
	129.00	2	-80.4	
	180.00	1.7	-80.8	
	231.00	4.3	-80.8	
	282.00	5.9	-80.5	
	333.00	5.5	-80.7	

Hole # **RN13-23**

Claim No.

P567201

Location

Grid  
utm27

Easting  
506407.0

Northing  
5372663.0

Elevation  
289.50

Drill Contractor  
Major

Core Storage  
Dome core farm

Date  
4/24/2013

Test  
EZ Shot

Core Size  
NQ

Logged By  
Saralyn Horvath

Length (m)  
645

Start Date  
4/6/2013

End Date  
4/15/2013

Remarks

Lithology

Assays

From(m)	To (m)	Remarks	Lithology	Texture	Altn	From	To	Sample#	Au g/t	Veining	% QV	% Py	% Po	% Aspy	VG	Remarks
						567.40	567.90	E797659	0.00	QZ		1.5				4 mm at 25 TCA, other fine stringers
						567.90	568.20	E797660	0.58	QZ		0.75				1.2 cm at 30 TCA with splays at 20 TCA; few other irregular stringers - some cut by end of sample
						568.20	568.50	E797661	12.00	QZ		2			VG3	veins/flooding at approx 40-50 TCA that seem to be 1 cm and 3 cm which connect and splay apart; 1 cm vein has 2 mm long fine VG "line"; 3 cm has cluster; VG cuts somewhat irregular low angle stringer; at least two phases qtz
						568.50	568.80	E797663	2.05	QZ		0.5				some irregular qtz; 1 cm at 25 TCA
						568.80	569.30	E797664	1.54	QZ		1				irregular fine stringers
						569.30	570.10	E797665	1.33	QZ		1				5 mm at 45 TCA; 8 mm at 50 TCA; other irregular stringers
						570.10	571.10	E797666	1.79	QZ		2				1.5 cm at 40 TCA, 2 mm at 35 TCA; 2 mm at 40 TCA; few fine irregular stringers
						571.10	572.10	E797667	1.69	QZ		1				4 mm at 50 TCA; two 4 mm stringers at 60 TCA; few crosscutting stringers; at least two generations; 5 mm at 30 TCA; few irregular and few fine stringers
						572.10	573.10	E797668	0.21	AK		0.25				few fine ankerite stringers
						573.10	574.10	E797670	1.41	QZ		0.75				few fine stringers at low angle TCA
						574.10	575.10	E797671	1.22	QZ		1				2 mm irregular stringer; 4 mm at 40 TCA, 1 mm at 30 TCA; few other fine stringers
						575.10	576.10	E797672	0.38	QZ		0.5				few fine stringers; 2 mm at high angle TCA; broken stringers
						576.10	577.10	E797673	2.80	QZ		2				irregular stringers <5 mm, 4 mm at 30 TCA with abundant py
						577.10	578.00	E797674	1.22	QZ		2				8 mm at approx 45 TCA with 4 mm splays and hematite
						578.00	578.80	E797675	4.96	QZ		1.5				few fine irregular stringers; some crosscutting each other
						578.80	579.30	E797676	2.27	QZ		2.5				5 mm at 50 TCA; 3 mm at 65 TCA; other fine stringers
						579.30	579.60	E797677	8.24	QZ		3			VG1	few very fine primarily irregular stringers; approx 8 specks VG near py and 1-2 mm away from stringer
						579.60	580.10	E797679	1.28	QZ		2				irregular stringers subparallel TCA; few fine stringers
						580.10	581.10	E797680	1.42	QZ		2				irregular stringer with orange mineral (K or hematite?) and py at low angle TCA; 3 mm at 50 TCA; py and abundant orange mineral in very irregular qtz; few other stringers subparallel TCA
						581.10	581.70	E797681	1.05	QZ		1.5				irregular qtz with splays
						581.70	582.50	E797682	0.02	QZ-AK		0.25				2 mm qtz ank at approx 50 TCA; other irregular qtz ank stringers



**Survey**

Depth(m)	Depth(m)	Azimuth	Dip	Remarks
	0.00	360	-80	
	27.00	358.7	-81	
	78.00	1.3	-80.7	
	129.00	2	-80.4	
	180.00	1.7	-80.8	
	231.00	4.3	-80.8	
	282.00	5.9	-80.5	
	333.00	5.5	-80.7	

Hole # **RN13-23**

Claim No.

P567201

Location

Grid Easting Northing Elevation Drill Contractor Core Storage  
 utm27 506407.0 5372663.0 289.50 Major Dome core farm

Date Test Core Size Logged By Length (m) Start Date End Date Remarks  
 4/24/2013 EZ Shot NQ Saralyn Horvath 645 4/6/2013 4/15/2013

**Lithology**

**Assays**

From(m)	To (m)	Remarks	Lithology	Texture	Altn	From	To	Sample#	Au g/t	Veining	% QV	% Py	% Po	% Aspy	VG	Remarks
						582.50	583.20	E797683	2.98	QZ		1				1 cm at 70 TCA; 2.5 cm at 60 TCA; other fine irregular stringers
						583.20	584.10	E797685	1.06	QZ		2.5				2 mm at 30 TCA crosscutting fine stringer; 5 mm at 40 TCA; several fine stringers crosscutting each other; 4 mm at 50 TCA
						584.10	585.10	E797686	1.04	QZ		4				2 mm stringer subparallel TCA
						585.10	586.00	E797687	0.07	QZ		0.25				few fine stringers
						586.00	586.40	E797688	0.10	QZ		0.25				2 mm qtz chl stringer
						586.40	587.10	E797689	0.54	QZ-AK		0.5				very pink syenite; two stringers 1 mm at 50 TCA
						587.10	587.40	E797690	0.14			0.25				
						587.40	587.80	E797691	0.01	QZ		1				10 cm finger of syenite with very little veining and most of py
						587.80	588.80	E797692	0.00	QZ		0.25				
						588.80	589.80	E797694	0.17	QZ		0.75				several stringers <2mm between 30 and 50 TCA; few other fine irregular stringers
						589.80	590.90	E797695	0.39	QZ		1				two stringers 5 mm at 40 TCA; 5 mm at 50 TCA; few other irregular stringers
						590.90	591.60	E797697	0.30	QZ-AK		1				fine irregular stringers
						591.60	592.10	E797698	0.01	QZ		1				3 cm irregular syenite with irregular qtz stringers in direction opposite to dyke and main concentration of py; 3mm at 60 TCA in UM
						592.10	593.20	E797699	0.00	QZ		0.25				8 mm at 50 TCA; 7 mm at 40 TCA; 2mm at 40 TCA; patch of strong sericite on brecciated fragments near end of sample
						593.20	594.50	E797700	0.01	QZ		0.5				irregular qtz

Survey				Remarks
Depth(m)	Depth(m)	Azimuth	Dip	
	0.00	360	-55	Az adjusted
	30.00	1.8	-53.7	
	81.00	4.5	-54.2	
	132.00	7.2	-53.6	
	183.00	8.9	-54.3	
	231.00	10.9	-54.1	
	282.00	12.2	-54.2	
	297.00	12.1	-54	

Hole # **RN13-26**

Claim No. P567201, P12581

Location

Grid utm27 Easting 506437.0 Northing 5372760.0 Elevation 290.40 Drill Contractor Major Core Storage Dome core farm

Date 4/5/2013 Test EZ Shot Core Size NQ Logged By Steve Harding Length (m) 297 Start Date 3/28/2013 End Date 4/2/2013 Remarks

Lithology				Assays												
From(m)	To (m)	Remarks	Lithology	Texture	Altn	From	To	Sample#	Au g/t	Veining	% QV	% Py	% Po	% Aspy	VG	Remarks
0.00	15.00		OB			193.00	194.50	E828588	0.01			0.1				
15.00	59.00	dk grey/green-black, mod-str sr, loc tr-wk tc; msv-wk ps, tr py	UM	M	SR	194.50	195.50	E828589	0.00			0.1				
59.00	65.00	green, mod cl, msv, tr py, grad lower ct	VM	M	CL	195.50	196.30	E828590	0.01			0.1				
65.00	76.20	lt green/grey, str si, tr py	VI	M	SI	196.30	197.30	E828591	0.66	QZ-AK		5				
76.20	78.50	green, mod cl, tr py	VM	M	CL	197.30	198.30	E828593	0.58	QZ		5				
78.50	126.70	lt green/grey, str si, loc coarser sections; tr qcs/py	VI	FAT	SI	198.30	199.00	E828594	1.18	QZ-AK		4				
126.70	136.00	green-grey/green, mod cl, mn tc; msv-wk ps/cl fracs; tr qcs/py	UM	M	CL	199.00	199.70	E828595	0.94	QZ-AK		6				
136.00	157.50	grey/green-grey, wk-mod tc; wk cl; wk ps-msv; tr py	UM	PS	TC	199.70	200.00	E828596	1.33	QZ-AK		8			VG1	0.5cm qas,vg
157.50	166.00	green-grey/green, wk-mod cl; wk tc; msv-wk ps, tr py	UM	M	CL	200.00	200.70	E828598	1.50	QZ-AK		5				
166.00	187.00	grey-loc grey/green, mod cl; loc mn cl; msv-loc ps/stx; tr py	UM	PS	TC	200.70	201.40	E828599	1.07	QZ-AK		4				
187.00	196.30	grey; wk tc; wk-mod ak; tr qas/py	UM	PS	TC	201.40	202.00	E828600	1.04	QZ-AK		3				
196.30	205.80	salmon pink-pink green at margins, tr-wk se at margins; loc cl fracs; 5% qas; 5% py; loc tr ga; tr vg in 0.5cm qas's @ 199.8 & 202.2m	FP5	M	AB	202.00	202.30	E828601	0.66	QZ-AK		7			VG1	0.5cm qas,vg
						202.30	203.00	E828603	1.73	QZ-AK		3				
205.80	213.00	grey-grey/green, wk-mod ak; wk tc; loc tr-wk cl; mod-str bx; tr qas/py; loc narrow syenite dykes	UM	BX	AK	203.00	203.70	E828604	1.18	QZ-AK		5				
213.00	223.50	grey; wk tc/ak; mod-str bx; tr qas/py; 20cm mod ak/mn fuch at 218.5m	UM	BX	TC	203.70	204.60	E828605	1.91	QZ-AK		5				
223.50	223.80	salmon pink, 7% qas, 5% py	FP5	M	AB	204.60	205.60	E828606	0.29	QZ-AK		3				
223.80	234.00	grey; wk tc/ak; wk-mod bx; tr py	UM	BX	TC	205.60	206.20	E828607	0.00	QZ-AK		1				15cm FP5 frag
234.00	248.00	grey/green-grey, wk-mod tc; wk cl; wk ps-msv; tr qcs/py	UM	PS	TC	206.20	207.00	E828609	0.01	QZ-AK		0.1				
248.00	249.90	dk grey/green; mod bi/cl; mn ak; tr py	AP2	M	BI	207.00	208.50	E828610	0.01	QZ-AK		0.1				
249.90	250.80	grey; wk tc/ak; tr py	UM	PS	TC	208.50	210.00	E828611	0.01			0.1				
250.80	252.30	grey/green, mod bi; wk-mod cl; wk ak; tr py	AP2	M	BI	222.50	223.50	E828612	0.01			0.1				
252.30	256.50	grey/green, wk tc/ak; tr-wk cl; tr py	UM	BX	TC	223.50	223.80	E828613	0.04	QZ-AK		5				FP5
256.50	258.70	grey/green, wk-mod ak; tr-wk tc; loc mn fuch; loc MP6 frags; mn qas; tr py	UM	PS	AK	223.80	224.80	E828614	0.00			0.1				
258.70	263.90	salmon pink-loc grey/green, mod ab; wk k; loc wk cl; 2% qas; 5% py	MP6	M	AB	255.00	256.50	E828615	0.01			0.1				
263.90	279.00	grey-grey/green, wk tc/ak; mn cl; loc wk fol; tr qas/py	UM	BX	TC	256.50	257.30	E828617	0.01			0.1				
279.00	297.00	grey/green, wk tc/cl; wk-mod ps; tr qcs/py; EOH.	UM	PS	TC	257.30	258.20	E828618	0.01	QZ-AK		0.1				20% MP6 frags
						258.20	258.70	E828619	0.00			0.1				
						258.70	259.50	E828620	1.09	QZ-AK		4				
						259.50	260.30	E828621	0.42	QZ-AK		4				
						260.30	261.10	E828622	0.78	QZ-AK		3				
						261.10	261.90	E828623	0.23	QZ-AK		2				
						261.90	262.70	E828624	0.56	QZ-AK		4				
						262.70	263.30	E828625	2.30	QZ-AK		6				
						263.30	263.90	E828627	0.29			4				
						263.90	264.50	E828628	0.00			0.1				
						264.50	265.50	E828629	0.00			0.1				
						265.50	267.00	E828631	0.01			0.1				



Survey				Remarks
Depth(m)	Depth(m)	Azimuth	Dip	
	0.00	360	-67	
	30.00	2.8	-66.2	
	81.00	6.7	-66.2	
	132.00	6.6	-66.2	
	183.00	7	-65.3	
	234.00	7.5	-65.4	
	285.00	11.1	-65.3	
	336.00	16.9	-65.8	

Hole # **RN13-27**

Claim No. P567201, P12581

Location

Grid Easting Northing Elevation Drill Contractor Core Storage  
 utm27 506437.0 5372760.0 290.40 Major Dome core farm

Date Test Core Size Logged By Length (m) Start Date End Date Remarks  
 4/12/2013 EZ Shot NQ Jerry Janik 351 4/2/2013 4/6/2013

Lithology						Assays										
From(m)	To (m)	Remarks	Lithology	Texture	Altn	From	To	Sample#	Au g/t	Veining	% QV	% Py	% Po	% Aspy	VG	Remarks
						255.00	255.90	E841047	0.34	QZ		3				^
						255.90	256.20	E841048	0.66	QZ		2				^
						256.20	257.20	E841049	0.03	QZ-CA		0.5				FU Altered UM
						257.20	258.00	E841050	0.01	QZ-CA		1				^
						258.00	259.00	E841051	0.00	QZ-CA		1				^
						259.00	260.00	E841053	0.01	QZ-CA		1				^
						260.00	261.00	E841054	0.02	QZ-CA		1				^
						261.00	262.00	E841055	0.02	QZ-CA		1				^
						262.00	263.00	E841056	0.03	QZ-CA		1				^
						263.00	263.50	E841057	0.04	QZ		5				40-60 Syenite/UM
						263.50	264.20	E841059	0.00	QZ		1				60/40 ^
						264.20	264.70	E841060	0.00	QZ-CA		1				FU Alt
						264.70	265.30	E841061	0.02	QZ		3				Syenite frag
						265.30	266.30	E841062	0.01	QZ-CA		1				FU Alt UM
						266.30	266.80	E841063	0.03	QZ-CA		1				^
						266.80	267.30	E841064	0.07	QZ		2				Syenite Frag or dyke?
						267.30	268.30	E841066	0.01	QZ-CA		1				FU Alt UM
						268.30	269.30	E841067	0.01	QZ-CA		1				^
						269.30	270.00	E841068	0.02	QZ-CA		1				Small Syenite frag within
						270.00	271.00	E841070	0.01	QZ-CA		1				FU alt UM
						271.00	272.00	E841071	0.01	QZ-CA		1				Half of sample taken for
						272.00	273.00	E841072	0.01	QZ-CA		1				Asbestos testing (E742861)
						273.00	274.00	E841073	0.03	QZ-CA		1				^
						274.00	275.20	E841074	0.02	QZ-CA		1				^
						275.20	276.00	E841075	0.05	QZ		2				Syenite Dyke
						276.00	277.00	E841077	0.03	QZ		2				^
						277.00	278.00	E841078	0.03	QZ		2				^
						278.00	278.80	E841079	0.06	QZ		2				^
						278.80	279.50	E841080	0.01	QZ-CA		1				FU Alt UM
						279.50	280.50	E841081	0.01	QZ-CA		1				AK-Altered UM
						280.50	281.50	E841082	0.01	QZ-CA		1				^
						281.50	282.50	E841083	0.00	QZ-CA		1				^
						282.50	283.50	E841084	0.00	QZ-CA		1				^



Survey				Remarks
Depth(m)	Depth(m)	Azimuth	Dip	
	0.00	360	-65	
	27.00	359.1	-62.6	
	78.00	2.4	-62.6	
	129.00	3.1	-62.5	
	180.00	3.7	-62.1	
	231.00	3.5	-61.9	
	285.00	3.8	-61.9	

Hole # **RN13-30**

Claim No. P567201, P12581

Location

Grid utm27 Easting 506569.3 Northing 5372782.2 Elevation 287.90 Drill Contractor Major Core Storage Dome core farm

Date 3/28/2013 Test EZ Shot Core Size NQ Logged By Saralyn Horvath Length (m) 300 Start Date 3/19/2013 End Date 3/22/2013 Remarks

Lithology						Assays										
From(m)	To (m)	Remarks	Lithology	Texture	Altn	From	To	Sample#	Au g/t	Veining	% QV	% Py	% Po	% Aspy	VG	Remarks
293.00	295.40	Grey and pink, very fine grained with fine grained phenos, approx 1% py, halos around qtz and qtz ank stringers/veins; LC broken	MP6	POR	AB	200.40	201.40	E797224	1.14	QZ		2				2.5 cm qtz vein almost subparallel TCA; few other stringers
295.40	300.00	Dark grey green; fine grained; moderately soft; trace py, few qtz stringers; EOH	UM	PS	AK	201.40	202.10	E797226	1.31	QZ		1				blocky; some irregular stringers; some broken, 3.5 cm vein at 30 TCA with splays at both high and low angles
						202.10	202.50	E797227	3.51	QZ		0.75				somewhat blocky and broken stringers
						202.50	202.90	E797228	1.04	QZ		1				7mm at 40 TCA; fine stringer subparallel TCA
						202.90	203.20	E797229	3.98	QZ		1			VG1	VG approx 1 cm from 1 mm stringer; few irregular stringers
						203.20	203.70	E797231	1.55	QZ		1				4 mm stringer running subparallel TCA; 2.5 cm vein
						203.70	204.40	E797232	2.29	QZ		1				approx 30 TCA missing part of vein
						204.40	205.00	E797233	2.62	QZ		0.75				4 parallel stringers up to 3 mm at 45 TCA; 3 mm stringer at 30 TCA
						205.00	206.00	E797234	1.36	QZ		2				blocky and broken; approx 1.5 cm at low angle TCA; other irregular stringers
						206.00	207.00	E797235	0.92	QZ		1.5				2mm- 8mm stringer running subparallel TCA; few other fine stringers
						207.00	207.90	E797236	0.56	QZ		2				5mm and 1.2 cm stringers running almost subparallel TCA; few other irregular stringers
						207.90	208.60	E797237	3.57	QZ		2				1.2 cm stringer cut from sample E797235 continues subparallel TCA; few other irregular stringers
						208.60	209.50	E797238	1.53	QZ		1				sample cuts edge of vein - at low angle on little core
						209.50	210.50	E797239	2.45	QZ		2				blocky cut vein at low angle TCA with K or Hemaite (pinkish red on edge of vein); few other stringers
						210.50	211.30	E797241	10.90	QZ		2				2mm stringer at 40 TCA which is cut by irregular fine stringer
						211.30	212.00	E797242	1.76			1				two 3mm stringers; first at 45; second at 40 TCA but in opposite directions (not crosscutting);
						212.00	212.90	E797243	4.30	QZ		1.5				5mm at 40 TCA in another direction with blebs of py
						212.90	213.40	E797244	1.87	QZ		2				5 mm at 30 TCA
						213.40	213.70	E797245	0.66	QZ		0.5				1 cm at 40 TCA with py and some grey qtz; other fine stringer py in wall rock
						213.70	214.20	E797247	1.55			2				
						214.20	215.20	E797248	4.63	QZ		2				irregular stringer at 20 TCA
						215.20	215.90	E797249	1.34	QZ		2.5				2 mm stringer at 40 TCA
						215.90	216.70	E797250	3.49	QZ		2.5				3 mm at 40 TCA; 2 mm at 25 TCA; 5mm at 50 TCA; 1 cm at 50 TCA; 5mm irregular; stringers not parallel to each other
						216.70	217.70	E797251	2.19	QZ		2				fine irregular grey qtz stringers at approx 30 TCA with py

Survey				Remarks
Depth(m)	Depth(m)	Azimuth	Dip	
	0.00	360	-65	
	27.00	359.1	-62.6	
	78.00	2.4	-62.6	
	129.00	3.1	-62.5	
	180.00	3.7	-62.1	
	231.00	3.5	-61.9	
	285.00	3.8	-61.9	

Hole # **RN13-30**

Claim No. P567201, P12581

Location

Grid utm27 Easting 506569.3 Northing 5372782.2 Elevation 287.90 Drill Contractor Major Core Storage Dome core farm

Date 3/28/2013 Test EZ Shot Core Size NQ Logged By Saralyn Horvath Length (m) 300 Start Date 3/19/2013 End Date 3/22/2013 Remarks

Lithology						Assays										
From(m)	To (m)	Remarks	Lithology	Texture	Altn	From	To	Sample#	Au g/t	Veining	% QV	% Py	% Po	% Aspy	VG	Remarks
						217.70	218.30	E797252	3.98	QZ		2				2 cm at 40 TCA
						218.30	219.30	E797253	2.50	QZ		1.25				3mm at 30 TCA with ank and hematite; 6 mm at 50 TCA; few fine irregular stringers
						219.30	220.30	E797254	1.62	QZ		1				2 mm at 50 TCA; fine irregular stringer
						220.30	221.30	E797256	4.91	QZ		2				8mm; 2mm; 2mm parallel all at 30-40 TCA
						221.30	221.80	E797257	2.95	QZ-AK		0.75				5 mm at 50 TCA with ankerite; 5 mm at 30 TCA crosscutting fine qtz ank stringer
						221.80	222.20	E797258	1.35	QZ		2				1 mm stringer at 40 TCA in opposite direction at break in core
						222.20	222.70	E797260	2.15	QZ		1				4 parallel fine stringers (~4mm) at approx 40 TCA; other fine more irregular stringers
						222.70	223.30	E797261	3.57	QZ		2.5				somewhat irregular but 4 cm vein at 40 with grey qtz and py; few fine stringers
						223.30	224.30	E797262	2.60	QZ		0.75				fine slightly irregular stringers
						224.30	225.10	E797263	1.56	QZ		0.25				mm scale stringers at 30-40 TCA; in opposite direction 3mm qtz ank stringer at 20 TCA; 5 mm at 40 TCA
						225.10	225.80	E797264	1.62	QZ		0.75				1 cm at 40 TCA; 3 mm at 20 TCA; mm scale stringers in opposite direction
						225.80	226.40	E797265	0.37	QZ		4				few less than cm stringers in several directions - some with splays; 4 cm qtz vein with at 40 TCA with stilo with hematite and ankerite on lower edge
						226.40	227.00	E797267	1.19	QZ		0.5				1 cm at 40 TCA; 5 and 8 mm at 40 TCA with ank and tourmaline
						227.00	227.40	E797268	0.23	QZ		0.5				2.5 cm at 40 TCA; 1 cm at 30 TCA both with ankerite; last 15 cm of sample (end of unit) is pink with almost no sericite
						227.40	228.00	E797270	0.03			0.1				
						228.00	229.50	E797271	0.01	QZ		0.5				two irregular 5 mm stringers
						229.50	231.00	E797272	0.00			0.1				
						231.00	232.00	E797273	0.01			0.1				
						249.00	250.40	E797274	0.00	QZ-AK		0.1				
						250.40	251.40	E797276	0.03			0.1				
						251.40	252.20	E797277	0.05	QZ-AK		1.5				very fine stringers
						252.20	253.10	E797278	0.02	QZ-AK		0.5				
						253.10	254.00	E797279	0.06	QZ-AK		1				halos around most stringers; some irregular; others at high angle TCA
						254.00	255.00	E797280	0.00			0.1				
						255.00	255.70	E797281	0.10	QZ-AK		2				irregular incomplete stringers with halos
						255.70	256.40	E797282	0.01	QZ-AK		0.5				
						256.40	257.40	E797283	0.12	QZ-AK		1				stringers mainly at high angles TCA with weak halos
						257.40	258.20	E797285	0.01			0.1				
						258.20	258.50	E797286	0.01			0.1				

Survey				Remarks
Depth(m)	Depth(m)	Azimuth	Dip	
	0.00	360	-65	
	27.00	359.1	-62.6	
	78.00	2.4	-62.6	
	129.00	3.1	-62.5	
	180.00	3.7	-62.1	
	231.00	3.5	-61.9	
	285.00	3.8	-61.9	

Hole # **RN13-30**

Claim No. P567201, P12581

Location

Grid utm27 Easting 506569.3 Northing 5372782.2 Elevation 287.90 Drill Contractor Major Core Storage Dome core farm

Date 3/28/2013 Test EZ Shot Core Size NQ Logged By Saralyn Horvath Length (m) 300 Start Date 3/19/2013 End Date 3/22/2013 Remarks

Lithology						Assays										
From(m)	To (m)	Remarks	Lithology	Texture	Altn	From	To	Sample#	Au g/t	Veining	% QV	% Py	% Po	% Aspy	VG	Remarks
						291.00	292.50	E797287	0.01							
						292.50	293.00	E797288	0.03	QZ-AK		0.1				
						293.00	294.00	E797289	0.07	QZ		0.25				
						294.00	295.00	E797290	0.06	QZ		0.5				
						295.00	295.40	E797292	0.06	QZ		1.5				
						295.40	296.00	E797293	0.01	QZ		2				
						296.00	297.00	E797294	0.02	QZ		0.1				
						297.00	298.50	E797295	0.03	QZ-AK		0.1				
						298.50	300.00	E797297	0.01	QZ-AK		0.1				

stringers up to 5 mm at approx 30-40 TCA  
 7 mm at 35 TCA; 1 cm at 30 TCA; 5 mm at 35 TCA  
 2 mm at 40 TCA; few other fine stringers  
 1-1.5 cm vein with is cut by break in core  
 4 mm at 35 TCA  
 5 mm at 25 TCA



Survey				
Depth(m)	Depth(m)	Azimuth	Dip	Remarks
	0.00	360	-75	
	33.00	5	-74.8	
	84.00	4.9	-75	
	135.00	8.4	-75.5	
	186.00	9.9	-75.4	
	237.00	13.1	-75.7	
	288.00	15.6	-75.1	
	345.00	17.6	-76	

Hole # **RN13-31**

Claim No.

P567201, P12581

Location

Grid  
utm27

Easting  
506569.3

Northing  
5372782.0

Elevation  
287.90

Drill Contractor  
Major

Core Storage  
Dome core farm

Date  
4/4/2013

Test  
EZ Shot

Core Size  
NQ

Logged By  
Saralyn Horvath

Length (m)  
450

Start Date  
3/22/2013

End Date  
3/27/2013

Remarks

Lithology							Assays									
From(m)	To (m)	Remarks	Lithology	Texture	Altn	From	To	Sample#	Au g/t	Veining	% QV	% Py	% Po	% Aspy	VG	Remarks
0.00	18.00		CAS			81.00	82.20	E797298	0.00			0.25				
18.00	88.60	Dark green to black; fine grained; few qtz carb stringers; trace py; strongly magnetic; lower contact hard to distinguish	UM	M	SR	82.20	82.70	E797299	0.01	QZ-CA		0.1				
						82.70	84.00	E797300	0.01			1				
68.60	73.00	Dark green grey; fine grained; leucoxene decreases downhole; trace py overall; few qtz stringers; lower contact hard to distinguish	VM	M	CL	84.00	84.60	E797301	0.00			0.25				
						84.60	85.60	E797302	0.00			0.1				
73.00	85.60	Green; fine grained; trace py overall but up to 1% locally; very hard	VI	FAT	AB	159.70	161.20	E797303	0.01	QZ		0.25				fine qtz chl stringers 2-3 mm; two at 70 TCA; one at 40 TCA - all with short bleached halos
85.60	100.10	Dark green to black; fine grained; magnetic; moderate to soft hardness; trace py overall; 87.3 m minor gouge at 20TCA	UM	PS	SR	161.20	161.70	E797304	0.00	QZ		0.1				irregular qtz; few extremely fine stringers with bleached halos
100.10	112.70	Dark green; fine grained; calcite needles near end of unit; trace py overall; few qtz carb veins	VM	M	CL	161.70	162.00	E797305	0.03	QZ-TO		0.5				2 cm at 80 TCA; bleached area; tourmaline on edges
112.70	134.10	Dark green to black; fine grained; trace py overall; few qtz calcite stringers and veins; weakly magnetic; soft	UM	PS	TC	162.00	162.40	E797307	0.00	QZ		0.1				extremely fine stringers with bleached halos
134.10	178.70	Varies between green; beige and dark grey; usually fine grained with some coarse fragments; few brecciated sections; few qtz veins/stringers; trace py overall; sharp LC at 60 TCA	VI	FAT	AB	162.40	163.60	E797308	0.01	QZ		0.25				irregular qtz; small halos
178.70	181.60	Dark grey; fine grained; stronger ankercite at top of unit; few qtz calcite stringers; trace py overall; sharp LC at 70 TCA	UM	PS	TC	163.60	164.70	E797309	0.04	QZ		0.25				some irregular blebs of qtz calcite; few stringers - all 5 mm; 70 TCA and in opposite direction 60 and 50 TCA;
181.60	186.50	Dark grey; fine grained; equigranular; few qtz calcite stringers; trace py; strongly magnetic	MP7	UM	PS	164.70	165.80	E797310	0.00	QZ		0.1				bleached; blebby py
186.50	196.30	Dark grey; fine grained; few qtz carb stringers; trace py overall; 186.7-186.9 slightly faulted	UM	M	SE	165.80	166.40	E797311	0.02	QZ		0.5				fine stringers with short bleached halos
196.30	201.10	Dark yellowish green; fine to medium grained; few stringers; trace py overall; somewhat soft; weakly magnetic; sharp LC at 50 TCA	UM	M	CL	166.40	167.30	E797312	0.02	QZ		0.25				4 mm at 20 TCA; few other fine or irregular stringers; bleaching
201.10	203.90	Dark grey; fine grained; coarse grained phenos; approx 1% py overall; several qtz stringers in different directions - more than one generation; sharp broken LC	UM	M	CL	167.30	167.90	E797314	0.02	QZ		0.5				several up to 5 mm stringers at high angles TCA; some irregular qtz; bleaching
203.90	207.50	Dark yellowish green; fine to medium grained; several irregular qtz calcite stringers; trace py overall; gradational alteration LC	UM	M	CL	167.90	168.90	E797315	0.01			0.5				brecciated
207.50	218.60	Dark grey to black; fine to medium grained; somewhat mottled texture; moderate hardness; several irregular qtz carb stringers	UM	M	CL	168.90	169.20	E797316	0.00	QZ-CA		0.25				2 cm at 40 TCA; other irregular qtz veining; ank; ser; fuschite; alb possibly ultramafics?; strongly ankercitized
218.60	219.70	Dark yellowish green; fine to medium grained; somewhat mottled texture; few qtz carb stringers; trace py; gradational alteration LC	UM	M	CL	169.20	169.70	E797317	0.00	QZ-CA		0.1				
219.70	223.20	Dark grey to black; fine to medium grained; few irregular qtz carb stringers; trace py overall; sharp irregular LC	UM	M	CL	169.70	170.70	E797318	0.00	QZ-CA		0.25				very irregular
223.20	225.60	Primarily green with pinkish grey near end of unit; few phases determined by coarsening of feldspars; trace py; sharp LC at 60 TCA	VI	FAT	AB	170.70	172.00	E797320	0.00	QZ-CA		0.1				slightly irregular - 3 cm at widest pink vein; few other qtz calcite stringers
225.60	268.90	Dark grey with few greener sections; fine grained; trace py overall; small syenite dyke at 228.1-228.2 m; few qtz carb stringers	UM	PS	TC	172.00	173.40	E797321	0.00	QZ-CB		0.1				usually irregular stringers; up to 1.5 cm; many fine stringers; some offset; bleaching
268.90	275.80	Grey; fine grained; several irregular calcitic veins - some vuggy; trace py overall; gradational lower contact	UM	PS	AK	173.40	174.80	E797322	0.12	QZ		0.1				fine or irregular stringers
275.80	281.10	Bright green; fine grained; trace py; several qtz or qtz ank stringers; LC sharp	UM	PS	FU	174.80	176.10	E797324	0.01	QZ		0.1				5mm at 35 TCA
281.10	281.80	Light greyish green; fine grained; speckled; trace py; lower contact over 26 cm; UC at 30 TCA; LC at low angle - probably less than 10 TCA; most likely hole clipped edge of diabase (chill margin)	MP7	UM	AB	176.10	177.00	E797325	0.01	QZ		0.1				1 cm; 1.5 cm both at 30 TCA with fracture filling chlorite and bleached halos
281.80	282.70	Bright green; fine grained; trace py; several qtz or qtz ank stringers; LC broken but sharp	UM	PS	FU	177.00	178.00	E797326	0.03	QZ		0.1				1 cm at 35 TCA with fracture filling chlorite and bleached halo
282.70	287.70	Green and pink syenite; fine grained groundmass with mainly coarse grained phenos; zoning in feldspars; several qtz tension veins; approx 2% py overall with trace galena and VG	FP5	POR	AB	178.00	178.70	E797328	0.00	QZ		0.1				
287.70	287.80	White qtz vein; ank and syenite filling in few fractures; UC at 40 TCA; LC somewhat irregular near end of vein with vein splays subparallel TCA (appear to be same generation)	QV	TNV		178.70	180.00	E797329	0.01			0.1				
287.80	298.50	Pink and green syenite; fine grained groundmass with primarily coarse grained well developed phenos; several qtz veins/stringers; approx 2% py overall with galena	FP5	POR	AB	180.00	181.00	E797330	0.00	QZ-CA		0.1				
298.50	301.80	Green; fine grained groundmass with mainly coarse grained phenos; approx 2% py overall - several py bands; trace galena; several qtz stringers/veins	FP5	POR	SE	181.00	181.00	E797331	0.01	QZ-CA		0.25				irregular stringers/blebs
301.80	301.81	small gouge	FZ			181.00	199.10	E797331	0.01			0.1				
301.81	304.90	Green; fine grained groundmass with mainly coarse grained phenos; approx 2% py overall - several py bands; trace galena; several qtz stringers/veins	FP5	POR	SE	199.10	200.60	E797332	0.00			0.1				
304.90	305.40	Dark red; fine grained groundmass with mainly coarse grained phenos; approx 1% py; broken	FZ			200.60	201.10	E797332	0.00			0.1				
305.40	307.50	Pink and green; fine grained groundmass with mainly coarse grained phenos; approx 2% py overall - several py bands; trace galena; several qtz stringers/veins	FP5	POR	AB			E797333	0.01	QZ-CA		0.25				
								E797332	0.00			0.1				

Survey				
Depth(m)	Depth(m)	Azimuth	Dip	Remarks
	0.00	360	-75	
	33.00	5	-74.8	
	84.00	4.9	-75	
	135.00	8.4	-75.5	
	186.00	9.9	-75.4	
	237.00	13.1	-75.7	
	288.00	15.6	-76.1	
	345.00	17.6	-76	

Hole # **RN13-31**

Claim No. P567201, P12581

Location

Grid utm27 Easting 506569.3 Northing 5372782.0 Elevation 287.90 Drill Contractor Major Core Storage Dome core farm

Date 4/4/2013 Test EZ Shot Core Size NQ Logged By Saralyn Horvath Length (m) 450 Start Date 3/22/2013 End Date 3/27/2013 Remarks

Lithology

Assays

From(m)	To (m)	Remarks	Lithology	Texture	Altn	From	To	Sample#	Au g/t	Veining	% QV	% Py	% Po	% Aspy	VG	Remarks
307.50	307.70	Qtz vein/flooding at approx 40 TCA; fracture filling sericite; trace py and galena	QV	TNV	SE	201.10	202.00	E797333	0.24	QZ		1				five parallel stringers up to 1 cm at approx 40 TCA, some
307.70	319.20	Pink and green, fine grained groundmass with mainly coarse grained phenos; approx 2% py overall - several py bands; trace galena, several qtz stringers/veins	FP5	POR	AB											crosscutting similar stringers at 60 TCA, few other irregular stringers; small halos, some brecciated ultramafic near py and stringers
319.20	326.20	Green; fine grained groundmass with up to coarse grained phenos; approx 2% py overall; trace galena; several qtz stringers/veins	FP5	POR	SE											
326.20	327.20	Bright green, fine grained; trace py overall; few irregular stringers	UM	PS	FU											
327.20	328.90	Green; fine grained groundmass with up to coarse grained phenos; approx 3% py overall; trace galena; several qtz stringers/veins	FP5	POR	SE							1.5				
328.90	329.90	Syenite is pink; porphyritic with fine grained groundmass and up to coarse grained phenos; albite dyke is green with strong ankerite and sericite alteration; several lenses of bright green ultramafics; one irregular qtz ank stringer; approx 3% py	FP5		AB	202.00	203.00	E797334	1.05	QZ		1				1.5 cm with splay at 30 TCA crosscutting finer stringer; two 5mm stringers at 30 TCA; some halos
329.90	336.30	Dark grey to black; fine grained; weakly fuschitic at top of unit; magnetic; more massive downhole; trace py	UM	PS	AK											
336.30	337.20	Dark greyish pink; fine grained; few qtz ank stringers; approx 0.5% py; hard; locally magnetic	MP6	AB	AB	203.90	204.40	E797336	0.05	QZ		0.1				irregular qtz
337.20	341.40	Dark grey to black; fine grained; trace py; weakly magnetic; few qtz ank stringers	UM	PS	AK	204.40	205.90	E797337	0.01	QZ-CA		0.1				irregular stringers
341.40	343.40	Bright green; fine grained; trace py; few stringers; LC chilled at approx 50-60 TCA	UM	PS	FU	226.90	227.50	E797338	0.01	QZ-CA		0.25				
343.40	346.70	Primarily green with pink alteration halos near veining; fairly equigranular and fine grained with few medium grained feldspars; few stringers; in previous holes called albite dyke?; 1-2% py with trace galena; lower contact irregular	FP5	SE	SE	227.50	228.00	E797340	0.01			0.25				
						228.00	228.30	E797341	0.00	QZ		2				10 cm syenite; pink and beige; 3% py within syenite; qtz stringers
346.70	351.50	Bright green; fine grained; few stringers/veins; trace py overall	UM	PS	FU	228.30	228.80	E797342	0.01	QZ-CA		0.5				
351.50	355.80	Bright green to yellowish; fine grained; brecciated sections; strong fuchsite; unit classified by presence of leucoxene; approx 3-4% py overall; VG and trace cp; several stringers/veins	VM1	SE	SE	272.30	273.80	E797343	0.01	QZ-CA		0.1				
						273.80	275.30	E797344	0.01	QZ-CA		0.1				
355.80	356.10	Beigeish green; fine grained; qtz stringer; trace py; sharp irregular LC	UM	PS	AK	275.30	275.80	E797346	0.01	QZ-CA		0.1				irregular stringers; some calcitic ~1 cm at 40 TCA
356.10	356.50	Pink with beige sections; mainly fine grained; 3% py; several irregular qtz stringers	FP5	AB	AB	275.80	276.20	E797347	0.01	QZ-CA		0.1				irregular
356.50	360.20	Dark greenish grey; fine grained; several fine qtz stringers; less than 1% py overall	VM1	AK	AK	276.20	277.20	E797348	0.02	QZ-CA		0.1				one stringer somewhat irregular; another brecciated; few fine qtz stringers
360.20	363.40	Dark greenish grey brown; fine grained; trace py overall; few irregular stringers	UM	PS	AK											8 mm at 55 TCA; 1 cm irregular; broken vein; 1 cm at high angle TCA
363.40	375.80	Dark grey to black; fine grained; trace py overall; few qtz carb stringers; moderate hardness	UM	PS	AK											
375.80	382.10	Dark grey to black; fine grained; trace py overall; few irregular stringers; few fingerings of diabase near LC; sharp irregular LC	UM	PS	TC	277.20	278.20	E797349	0.59	QZ		0.1				few irregular stringers - some crosscutting; up to 5 mm
382.10	384.50	Dark grey to black; fine grained; magnetic; few irregular stringers; trace py	MP7													two 3cm veins at high angles TCA; few irregular stringers or blebs qtz ank
384.50	384.70	Green; fine grained; qtz calcite stringers; gouge between 30 and 50 TCA; trace py	FZ	AK	AK	278.20	279.20	E797350	0.22	QZ		0.1				
384.70	396.50	Dark grey brown; fine grained; trace py overall; few qtz veins - more near upper contact and locally altered with fuchsite; strong alteration pattern with irregular stringers after 393.6 m	UM	PS	AK											5 mm at high angle TCA; broken vein
396.50	421.60	Dark grey to black; fine grained; trace py overall; moderately soft; few stringers/veins	UM	PS	TC	279.20	280.20	E797352	0.05	QZ-AK		0.25				few irregular stringers - some crosscutting; up to 5 mm
421.60	427.60	Dark green; fine grained; few qtz carb stringers and irregular blebs; approx 0.5-1% coarse grained pyrite and trace cp	VM	M	CL	280.20	281.10	E797353	0.03	QZ-AK		0.25				two 3cm veins at high angles TCA; few irregular stringers or blebs qtz ank
427.60	448.70	Dark grey; fine grained; trace py; few qtz carb stringers; moderate hardness; sharp LC at 60 TCA	UM	PS	TC											
448.70	450.00	Dark grey to black; fine grained; strongly magnetic; few stringers; trace py; EOH	MP7			281.10	281.80	E797354	0.03			0.1				
						281.80	282.70	E797355	0.05	QZ		0.25				1 cm quartz at 55 TCA; 1.5 cm qtz ank at 45 TCA; 1 cm at 65 TCA
						282.70	283.20	E797356	0.53	QZ		1				1 cm irregular; 3.5 cm at 45 TCA; 1 cm at 55 TCA
						283.20	283.70	E797357	2.42	QZ		3				1.5 cm at 50 TCA; somewhat qtz flooding or irregular veining - py stringers through vein
						283.70	284.50	E797359	1.54	QZ		1				1.5 cm at 50 TCA; few fine stringers; stringer subparallel TCA
						284.50	285.00	E797360	9.55	QZ		4				stringers up to 1 cm - some at high angles TCA; some subparallel TCA; few fine stringers
						285.00	285.30	E797361	0.99	QZ		0.5				qtz vein running subparallel TCA; slightly irregular - splays but approx 3 cm at widest; VG on 5 mm splay; vein cut by end of sample - continues in next sample

Survey				Remarks
Depth(m)	Depth(m)	Azimuth	Dip	
	0.00	360	-75	
	33.00	5	-74.8	
	84.00	4.9	-75	
	135.00	8.4	-75.5	
	186.00	9.9	-75.4	
	237.00	13.1	-75.7	
	288.00	15.6	-76.1	
	345.00	17.6	-76	

Hole # **RN13-31**

Claim No. P567201, P12581

Location

Grid utm27 Easting 506569.3 Northing 5372782.0 Elevation 287.90 Drill Contractor Major Core Storage Dome core farm

Date 4/4/2013 Test EZ Shot Core Size NQ Logged By Saralyn Horvath Length (m) 450 Start Date 3/22/2013 End Date 3/27/2013 Remarks

Lithology

Assays

From(m)	To (m)	Remarks	Lithology	Texture	Altn	From	To	Sample#	Au g/t	Veining	% QV	% Py	% Po	% Aspy	VG	Remarks	
						285.30	286.10	E797363	0.88	QZ		2.5				vein running subparallel TCA irregular from last sample, several fine stringers and irregular up to 1 cm stringers; py band near end of sample irregular ank stringer and qtz stringers	
						286.10	286.60	E797364	4.13	QZ		0.75			VG1	VG 5 mm from 4 mm stringer approx 70 TCA; 5 mm-1cm stringers crosscutting each other- maybe two generations- grey qtz on edges 3.5 cm at 60 TCA with splay; few fine stringers 10-13 cm vein at approx 40-50 TCA; somewhat irregular near end of vein with vein splays subparallel TCA (appear to be same generation) 5mm-1 cm irregular approx 60 TCA; few fine stringers at approx 50 TCA; other stringers up to 5mm; small broken zone 5 mm irregular; 1.5 cm at approx 70 TCA; 1 cm at 50 TCA; in opposite direction continue to 4 cm at 30-40 TCA. 7 cm ribboned by grey qtz with py at 40 TCA; 3.5 cm qtz ank at 45 TCA, few other fine irregular stringers mainly broken sample with much qtz; last 20 cm has 2 cm at high angle TCA and irregular 5 mm stringers 3 cm irregular veining; some grey qtz py band; 2 cm vein slightly irregular with splays; few fine stringers 3 irregular stringers up to 1.5 cm at widest point; no preferential orientation; one stringer slightly grey few fine stringers - some grey, qtz and qtz ank stringers at high angles TCA three <1 cm stringers somewhat parallel at approx 70 TCA; approx 8 cm vein at high angle TCA somewhat broken and fractured 4. <5mm stringers at beginning of sample; 8 mm at 30 TCA and 5 mm at 40 TCA crosscutting each other (maybe same generation); other irregular stringers and fine stringers	
						286.60	286.90	E797365	1.32	QZ		1.5					
						286.90	287.50	E797367	0.79	QZ		1.5					
						287.50	288.00	E797368	0.62	QZ		1					
						288.00	289.00	E797369	1.06	QZ		1.5					
						289.00	289.90	E797371	2.48	QZ		4					
						289.90	290.90	E797372	1.30	QZ		2.5					
						290.90	291.40	E797373	2.65	QZ		2					
						291.40	292.30	E797374	2.88	QZ		2.5					
						292.30	292.80	E797375	2.03	QZ		1					
						292.80	293.60	E797376	1.23	QZ		2					
						293.60	294.10	E797377	1.28	QZ		1.5					
						294.10	295.00	E797378	3.81	QZ		2					

Survey				Remarks
Depth(m)	Depth(m)	Azimuth	Dip	
	0.00	360	-75	
	33.00	5	-74.8	
	84.00	4.9	-75	
	135.00	8.4	-75.5	
	186.00	9.9	-75.4	
	237.00	13.1	-75.7	
	288.00	15.6	-76.1	
	345.00	17.6	-76	

Hole # **RN13-31**

Claim No. P567201, P12581

Location

Grid utm27 Easting 506569.3 Northing 5372782.0 Elevation 287.90 Drill Contractor Major Core Storage Dome core farm

Date 4/4/2013 Test EZ Shot Core Size NQ Logged By Saralyn Horvath Length (m) 450 Start Date 3/22/2013 End Date 3/27/2013 Remarks

Lithology

Assays

From(m)	To (m)	Remarks	Lithology	Texture	Altn	From	To	Sample#	Au g/t	Veining	% QV	% Py	% Po	% Aspy	VG	Remarks
						295.00	296.00	E797379	1.49	QZ		2				3 mm; 4mm; 2 mm all at 60 TCA, few other fine stringers
						296.00	297.00	E797380	1.73	QZ		1.5				1.5 cm at 60 TCA; 5mm; 1 cm; 5 mm; 1 cm parallel at 40-60 TCA; 5 mm slightly irregular
						297.00	297.70	E797381	2.78	QZ		1.5				1.4 at 60 TCA; few other slightly irregular stringers
						297.70	298.50	E797382	2.24	QZ		1.5				2mm; 5mm; 5mm; 1 cm approx parallel at 50-60 TCA
						298.50	299.30	E797383	1.74	QZ		2				1 cm at 60 TCA
						299.30	300.00	E797384	0.60	QZ		2				irregular qtz vein - 11 cm on one side - two other (grey) veins off other side; 1 cm and 1.5 cm at 50 TCA; 5 cm at 35 TCA
						300.00	300.70	E797386	1.70	QZ		1.5				2 slightly irregular <5 cm stringers; ank stringer
						300.70	301.50	E797387	1.73	QZ		2.5				2.5 cm at 40 TCA; several other parallel stringers <1 cm at approx 50 TCA
						301.50	302.40	E797388	1.30	QZ		2				several stringers at approx 60-65 TCA - some with plays or slightly irregular; some irregular qtz
						302.40	303.10	E797390	0.65			1				2 mm stringer at high angle TCA
						303.10	303.50	E797391	1.12	QZ		4				4 mm at 50 TCA with abundant py; 5 cm at high angle TCA; few somewhat irregular stringers - one with py and grey qtz
						303.50	304.10	E797392	0.61	AK		2				small band of py
						304.10	304.90	E797394	1.08	QZ		5				two bands of py with qtz; 5mm qtz ank at 50 TCA; 1.5 at 65 TCA
						304.90	305.70	E797395	1.32			1.5				pink
						305.70	306.30	E797396	0.93	QZ		2				couple fine stringers; irregular
						306.30	307.10	E797397	0.78	QZ		0.5				pink; 1 cm slightly splayed at 70 TCA
						307.10	307.40	E797398	1.18	QZ		1				fine irregular stringers
						307.40	307.60	E797399	0.68	QZ		2				Qtz vein/flooding at approx 40 TCA; fracture filling sericite; trace py and galena; few other fine stringers
						307.90	308.70	E797400	3.43	QZ		3				2 mm at 70 TCA; 1 cm offset twice by up to 1.5 cm; few other fine stringers
						308.70	309.40	E797401	1.28			0.5				part of sample is pinker
						309.40	309.90	E797402	0.82	QZ		4				two 4 mm stringers at approx 55 TCA with py bands; few other fine stringers
						309.90	310.90	E797403	0.79	QZ		3				band of py; 8mm at 50 TCA; several fine stringers - mainly with no preferential orientation
						310.90	311.90	E797404	1.31	QZ		2				fine band of py; fine irregular stringers; few 3 mm stringers crosscutting each other
						311.90	312.20	E797405	0.47	QZ		2.5				7 cm at 55 TCA; 2 mm irregular stringer
						312.20	313.20	E797407	0.75	QZ		2				two 4 mm parallel stringers at 25 TCA; 8 mm at 50 TCA right; other fine stringers at approx 20 TCA

Hole # **RN13-31**

Claim No. P567201, P12581

Location

Grid utm27 Easting 506569.3 Northing 5372782.0 Elevation 287.90 Drill Contractor Major Core Storage Dome core farm

Date 4/4/2013 Test EZ Shot Core Size NQ Logged By Saralyn Horvath Length (m) 450 Start Date 3/22/2013 End Date 3/27/2013 Remarks

Survey				Remarks
Depth(m)	Depth(m)	Azimuth	Dip	
	0.00	360	-75	
	33.00	5	-74.8	
	84.00	4.9	-75	
	135.00	8.4	-75.5	
	186.00	9.9	-75.4	
	237.00	13.1	-75.7	
	288.00	15.6	-76.1	
	345.00	17.6	-76	

Lithology

Assays

From(m)	To (m)	Remarks	Lithology	Texture	Altn	From	To	Sample#	Au g/t	Veining	% QV	% Py	% Po	% Aspy	VG	Remarks
						313.20	313.70	E797408	0.70	QZ		4				py band; 1 cm at 50 TCA surrounded on both sides by fine irregular stringers crosscutting each other with abundant py on edges
						313.70	314.60	E797409	0.69	QZ		2				several fine stringers with no preferential orientation and crosscutting each other mainly fine irregular stringers, 3mm at 25 TCA
						314.60	315.50	E797410	2.23	QZ		1.5				py bands, fine irregular qtz and ank stringers
						315.50	316.20	E797411	2.08	QZ		3				4mm; 6mm and 8 mm stringers somewhat parallel at mainly high angle TCA
						316.20	317.20	E797413	0.70	QZ		2				1 cm at 85 TCA
						317.20	318.20	E797414	0.69	QZ		1.5				7 mm at 75 TCA; 5 other stringers - some crosscutting each other with no preferential orientation - probably two generations up to 1 cm wide
						318.20	319.20	E797415	1.20	QZ		0.75				8 mm at 35 TCA; 3mm qtz and 3 mm qtz ank at 50 TCA; few other irregular stringers
						319.20	320.10	E797416	0.78	QZ		1				1 cm at 70 TCA; several qtz and qtz ank stringers at high angles TCA- some very fine
						320.10	320.60	E797417	2.46	QZ		1				at least 6 stringers <5 mm at high angles TCA; 1.5 cm at 45 TCA; 7 mm at 55 TCA with splays; irregular ~4 cm vein at high angle TCA; 1.4 cm at 50 TCA; 1 cm and 8 mm stringers maybe crosscutting and possibly same generation (small piece of core missing)
						320.60	321.60	E797419	0.95	QZ		0.75				2.5 cm at 45 TCA; few stringers 5 mm at 75 TCA; 2mm at 45 TCA; 1 cm at 75 TCA
						321.60	322.30	E797420	0.95	QZ		2.5				crosscutting 1 cm at 25 TCA; few other fine stringers
						322.30	322.90	E797421	0.34	QZ		1.5				8 mm at 30 TCA offset slightly; 2 mm at 70 TCA; 1 cm at 35 TCA; other fine stringers
						322.90	323.90	E797422	2.20	QZ		1.5				irregular
						323.90	324.70	E797423	2.32	QZ		1				7 mm qtz ank at 30 TCA; few fine irregular stringers; 1.5 cm at approx 40 TCA with splays; 5 mm at 80 TCA
						324.70	325.40	E797424	1.53	QZ-AK		1				5 mm somewhat irregular stringers small qtz blebs
						325.40	326.20	E797426	4.19	QZ		0.75				Syenite; albite dyke; several lenses of bright green ultramafics; one irregular qtz ank stringer
						326.20	327.20	E797427	0.04	QZ		0.25				
						327.20	327.90	E797428	2.01	QZ		3				
						327.90	328.90	E797429	3.44	QZ		3				
						328.90	329.90	E797431	5.31	QZ-AK		3				

Survey				Remarks
Depth(m)	Depth(m)	Azimuth	Dip	
	0.00	360	-75	
	33.00	5	-74.8	
	84.00	4.9	-75	
	135.00	8.4	-75.5	
	186.00	9.9	-75.4	
	237.00	13.1	-75.7	
	288.00	15.6	-76.1	
	345.00	17.6	-76	

Hole # **RN13-31**

Claim No. P567201, P12581

Location

Grid utm27 Easting 506569.3 Northing 5372782.0 Elevation 287.90 Drill Contractor Major Core Storage Dome core farm

Date 4/4/2013 Test EZ Shot Core Size NQ Logged By Saralyn Horvath Length (m) 450 Start Date 3/22/2013 End Date 3/27/2013 Remarks

Lithology

Assays

From(m)	To (m)	Remarks	Lithology	Texture	Altn	From	To	Sample#	Au g/t	Veining	% QV	% Py	% Po	% Aspy	VG	Remarks
						295.00	296.00	E797379	1.49	OZ		2				3 mm; 4mm; 2 mm all at 60 TCA, few other fine stringers
						296.00	297.00	E797380	1.73	OZ		1.5				1.5 cm at 60 TCA; 5mm; 1 cm; 5 mm; 1 cm parallel at 40-60 TCA; 5 mm slightly irregular
						297.00	297.70	E797381	2.78	OZ		1.5				1.4 at 60 TCA; few other slightly irregular stringers
						297.70	298.50	E797382	2.24	OZ		1.5				2mm; 5mm; 5mm; 1 cm approx parallel at 50-60 TCA
						298.50	299.30	E797383	1.74	OZ		2				1 cm at 60 TCA
						299.30	300.00	E797384	0.60	OZ		2				irregular qtz vein - 11 cm on one side - two other (grey) veins off other side; 1 cm and 1.5 cm at 50 TCA; 5 cm at 35 TCA
						300.00	300.70	E797386	1.70	OZ		1.5				2 slightly irregular <5 cm stringers; ank stringer
						300.70	301.50	E797387	1.73	OZ		2.5				2.5 cm at 40 TCA, several other parallel stringers <1 cm at approx 50 TCA
						301.50	302.40	E797388	1.30	OZ		2				several stringers at approx 60-65 TCA - some with splays or slightly irregular; some irregular qtz
						302.40	303.10	E797390	0.65			1				2 mm stringer at high angle TCA
						303.10	303.50	E797391	1.12	OZ		4				4 mm at 50 TCA with abundant py; 5 cm at high angle TCA; few somewhat irregular stringers - one with py and grey qtz
						303.50	304.10	E797392	0.81	AK		2				small band of py
						304.10	304.90	E797394	1.08	OZ		5				two bands of py with qtz; 5mm qtz ank at 50 TCA; 1.5 at 85 TCA
						304.90	305.70	E797395	1.32			1.5				pinkish
						305.70	306.30	E797396	0.93	OZ		2				couple fine stringers; irregular pinkish; 1 cm slightly splayed at 70 TCA
						306.30	307.10	E797397	0.78	OZ		0.5				fine irregular stringers
						307.10	307.40	E797398	1.18	OZ		1				Qtz vein/flooding at approx 40 TCA; fracture filling sericite; trace py and galena; few other fine stringers
						307.40	307.90	E797399	0.68	OZ		2				2 mm at 70 TCA; 1 cm offset twice by up to 1.5 cm; few other fine stringers
						307.90	308.70	E797400	3.43	OZ		3				part of sample is pinker
						308.70	309.40	E797401	1.28			0.5				two 4 mm stringers at approx 55 TCA with py bands; few other fine stringers
						309.40	309.90	E797402	0.82	OZ		4				band of py; 8mm at 50 TCA; several fine stringers - mainly with no preferential orientation
						309.90	310.90	E797403	0.79	OZ		3				fine band of py; fine irregular stringers; few 3 mm stringers crosscutting each other
						310.90	311.90	E797404	1.31	OZ		2				7 cm at 55 TCA; 2 mm irregular stringer
						311.90	312.20	E797405	0.47	OZ		2.5				two 4 mm parallel stringers at 25 TCA; 8 mm at 50 TCA right; other fine stringers at approx 20 TCA
						312.20	313.20	E797407	0.75	OZ		2				

**Survey**

Depth(m)	Depth(m)	Azimuth	Dip	Remarks
	0.00	360	-75	
	33.00	5	-74.8	
	84.00	4.9	-75	
	135.00	8.4	-75.5	
	186.00	9.9	-75.4	
	237.00	13.1	-75.7	
	288.00	15.6	-76.1	
	345.00	17.6	-76	

Hole # **RN13-31**

Claim No. P567201, P12581

Location

Grid Easting Northing Elevation Drill Contractor Core Storage  
 utm27 506569.3 5372782.0 287.90 Major Dome core farm

Date Test Core Size Logged By Length (m) Start Date End Date Remarks  
 4/4/2013 EZ Shot NQ Saralyn Horvath 450 3/22/2013 3/27/2013

**Lithology**

**Assays**

From(m)	To (m)	Remarks	Lithology	Texture	Altn	From	To	Sample#	Au g/t	Veining	% QV	% Py	% Po	% Aspy	VG	Remarks
329.90	330.30					329.90	330.30	E797433	0.01			0.1				
330.30	331.80					330.30	331.80	E797434	0.02			0.1				
331.80	333.30					331.80	333.30	E797435	0.01			0.1				
333.30	334.70					333.30	334.70	E797436	0.00			0.1				
334.70	335.70					334.70	335.70	E797437	0.00			0.1				
335.70	336.30					335.70	336.30	E797438	0.00			0.1				
336.30	337.20					336.30	337.20	E797439	0.01	QZ-AK		0.5				irregular stringers
337.20	337.70					337.20	337.70	E797440	0.01			0.1				
337.70	338.70					337.70	338.70	E797441	0.01			0.1				
338.70	340.00					338.70	340.00	E797443	0.02	QZ-AK		0.25				
340.00	341.40					340.00	341.40	E797444	0.01	QZ-AK		0.1				
341.40	342.40					341.40	342.40	E797445	0.05	QZ-AK		0.1				
342.40	342.90					342.40	342.90	E797446	0.00	QZ		3				12 cm of syenite with approx 6% py with several fine irregular stringers, few crosscutting stringers at upper contact with syenite
342.90	343.40					342.90	343.40	E797447	0.04	QZ		0.1				irregular stringers
343.40	344.40					343.40	344.40	E797448	0.07	QZ		0.75				several irregular fine stringers
344.40	345.30					344.40	345.30	E797449	0.05	QZ		0.75				irregular
345.30	345.70					345.30	345.70	E797450	0.16	AK-QZ		2.5				vein offset in few locations; somewhat irregular; few other stringers
345.70	346.70					345.70	346.70	E797451	0.06	QZ		1				irregular veins or blebs of qtz
346.70	347.40					346.70	347.40	E797453	0.02	QZ		1				approx 15% syenite; irregular qtz
347.40	348.40					347.40	348.40	E797454	0.00	QZ		0.1				5 mm at 80 TCA; other irregular qtz
348.40	349.40					348.40	349.40	E797455	0.01	QZ		0.5				1-1.5 cm somewhat irregular at 35 TCA; few irregular stringers, 5mm at 60 TCA; 6% syenite
349.40	350.30					349.40	350.30	E797456	0.01	QZ		0.25				fine stringers with no preferential orientation
350.30	350.80					350.30	350.80	E797457	0.03	QZ-AK		0.25				4 cm at approx 60 TCA: few fine stringers; 1% syenite
350.80	351.50					350.80	351.50	E797458	0.21	QZ-AK		1				1.5 at high angle TCA: 3 cm at 60 TCA; other fine stringers
351.50	351.90					351.50	351.90	E797460	0.36	QZ-AK		0.5				<5mm; most of py near end of sample (maybe mafic - hard to find contact???)
351.90	352.50					351.90	352.50	E797461	0.05	QZ		3				few qtz stringers and 7 by 3 cm qtz ank bleb
352.50	352.80					352.50	352.80	E797462	0.03	QZ		1.5				somewhat irregular stringer and blebs
352.80	353.40					352.80	353.40	E797464	1.51	QZ		5				3 mm qtz ank stringer at high angle TCA, 3 fine qtz stringers < 1mm at high angles TCA - one carrying couple specks VG directly under surface
353.40	354.40					353.40	354.40	E797465	1.25	QZ		3				2.5 at 70 TCA; 6mm at 50 TCA in opposite direction; 1.5 cm with irregular splays at 60 TCA approx parallel to 6mm stringer; 2.5 cm at 80 TCA; few other irregular stringers
																3 stringers <5 mm

Survey				Remarks
Depth(m)	Depth(m)	Azimuth	Dip	
	0.00	360	-75	
	33.00	5	-74.8	
	84.00	4.9	-75	
	135.00	8.4	-75.5	
	186.00	9.9	-75.4	
	237.00	13.1	-75.7	
	288.00	15.6	-76.1	
	345.00	17.6	-76	

Hole # **RN13-31**

Claim No. P567201, P12581

Location

Grid Easting Northing Elevation Drill Contractor Core Storage  
 utm27 506569.3 5372782.0 287.90 Major Dome core farm

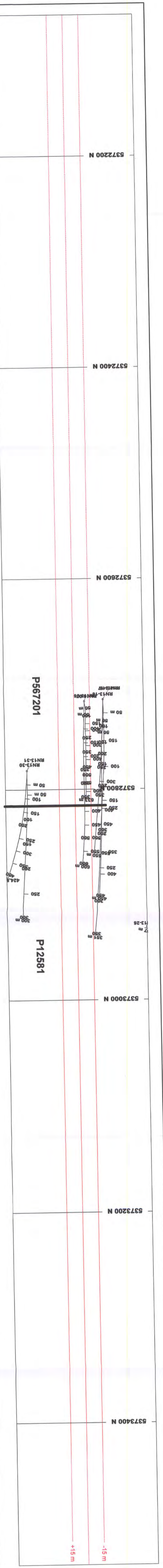
Date Test Core Size Logged By Length (m) Start Date End Date Remarks  
 4/4/2013 EZ Shot NQ Saralyn Horvath 450 3/22/2013 3/27/2013

Lithology

Assays

From(m)	To (m)	Remarks	Lithology	Texture	Altn	From	To	Sample#	Au g/t	Veining	% QV	% Py	% Po	% Aspy	VG	Remarks
						354.40	355.20	E797466	0.09	QZ		1.5				several qtz stringers/veins 5 mm-2 cm at no preferential orientation; some crosscutting each other
						355.20	355.80	E797467	0.06	QZ		1.5				few qtz stringers/veins 3mm-2 cm approx trending 30 TCA; few crosscutting and irregular veins 6 mm at 25 TCA
						355.80	356.10	E797468	0.02	QZ		0.5				irregular qtz stringers
						356.10	356.50	E797469	0.39	QZ		3				stringers <1 cm mainly approx parallel at 30-60 TCA, in opposite direction 5 mm at 60 TCA
						356.50	357.40	E797471	0.01	QZ		0.5				3 mm at 70 TCA; two irregular 7 mm stringers
						357.40	358.20	E797472	0.01	QZ		0.75				2 cm at 70 TCA
						358.20	358.50	E797473	0.02	QZ		0.25				four stringers <5 mm at high angles TCA
						358.50	359.40	E797474	0.00	QZ		0.25				
						359.40	360.20	E797475	0.01	QZ		0.1				
						360.20	361.50	E797476	0.02			0.1				
						361.50	363.00	E797477	0.01	QZ-AK		0.1				irregular
						363.00	364.50	E797479	0.04			0.1				
						363.50	364.50	E797480	0.03			0.1				
						364.50	364.90	E797481	0.02	QZ-CA		0.1				
						364.90	365.60	E797482	0.05	QZ		0.25				
						365.60	365.90	E797483	0.00	QZ		0.1				3 cm at 60 TCA
						365.90	366.60	E797484	0.03			0.25				
						366.60	367.00	E797485	0.10	QZ		0.5				1; 2.5; 1 cm at 60-70 TCA slightly irregular; few other fine stringers
						367.00	367.50	E797487	0.01	QZ-CA		0.1				2 cm at 20 TCA
						367.50	368.10	E797488	0.01			0.25				
						368.10	368.40	E797489	0.01	QZ		0.25				2 cm at 60 TCA
						368.40	369.40	E797490	0.01			0.1				
						369.40	390.90	E797491	0.01	AK-QZ		0.1				irregular
						390.90	392.00	E797493	0.05	QZ		0.1				irregular qtz
						392.00	392.90	E797494	0.01			0.1				
						392.90	393.60	E797495	0.01			0.1				
						393.60	394.40	E797496	0.01	QZ		0.25				irregular; strong ank halos
						394.40	395.90	E797497	0.02	AK-QZ		0.5				
						395.90	396.50	E797499	0.01			0.1				
						396.50	398.00	E797500	0.03	QZ-CA		0.1				very irregular qtz



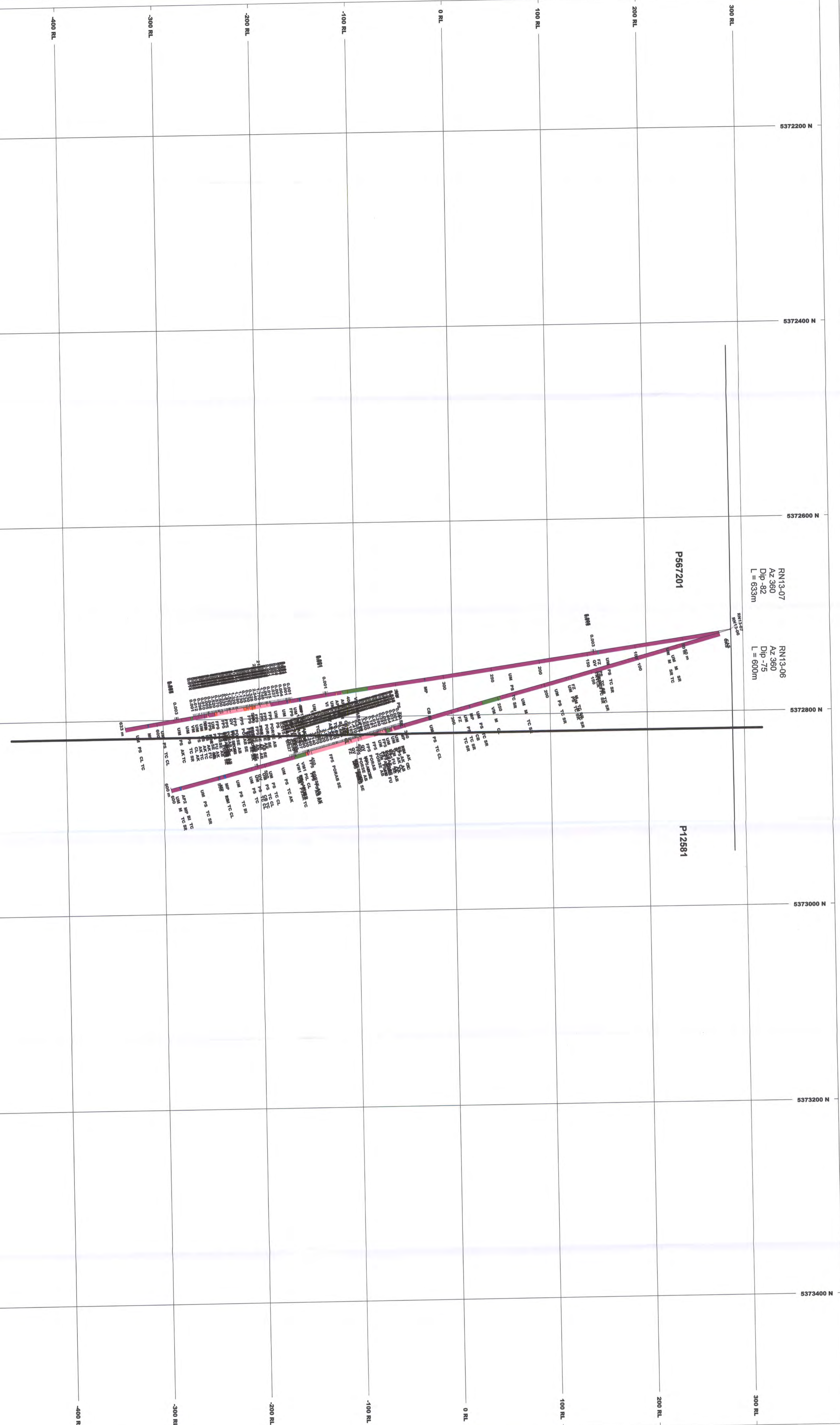


RM13-07  
AZ 360  
Dip -82  
L = 633m

RM13-06  
AZ 360  
Dip -75  
L = 600m

P567201

P12581

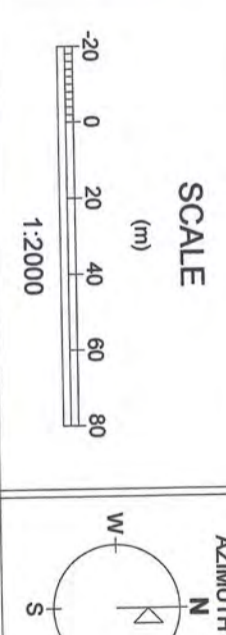


ROCK CODES	PAT	LABEL	DESCRIPTION
UV	Orange	UV	Quartz Vein
FP9	Red	FP9	Albite Dyke
FP2	Green	FP2	Amphibole Dyke
AV	Blue	AV	Magnetite Dyke
VI	Yellow	VI	Intermediate Rocks
VM	Purple	VM	Mafic Metavolcanics
VM	Light Blue	VM	Ultrabasic Metavolcanics
SP5	Grey	SP5	Syncline

ASSAYS  
Au\_gpr\_BEST\_D (ppm)

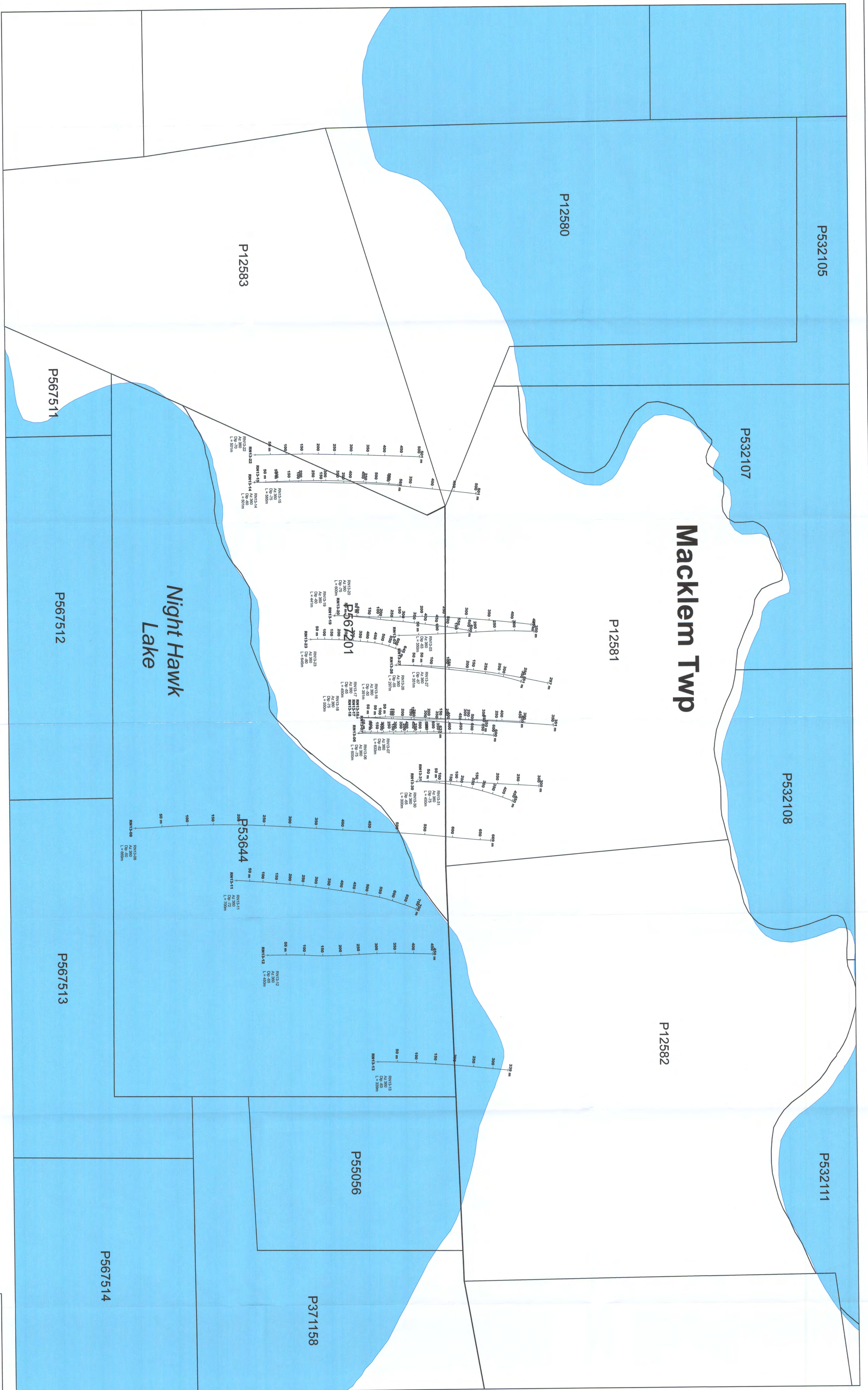
POSTED TEXT LR TEXT ITEMS  
L R  
Tolerance R AI  
Alteration R AI

SECTION SPECS:  
REF\_PRT E N 506524 m 5372800 m  
EXTENTS 1487 m 923.4 m  
SECTION TOP, BOT 389.8 m -533.8 m  
TOLERANCE +/- 15m



Porcupine Gold Mines  
Night Hawk Lake Property  
Drill Section  
RM13-06 & RM13-07

magnetic declination  
11 deg



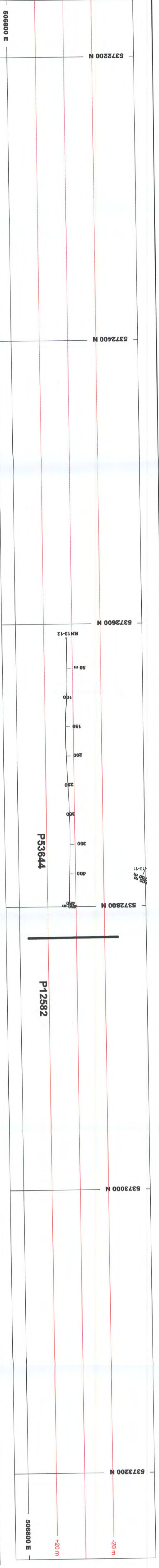
**GOLDCORP**  
PORCUPINE GOLD MINES

Porcupine Gold Mines  
Timmins, Ontario

Night Hawk Lake Property  
Drill Hole Plan Map

UNIT Zone 17	
NAD 83	
Project 5, Location 5	
Date: 2011/07/14	
Scale: 2000	
Author: Timmins, ON	

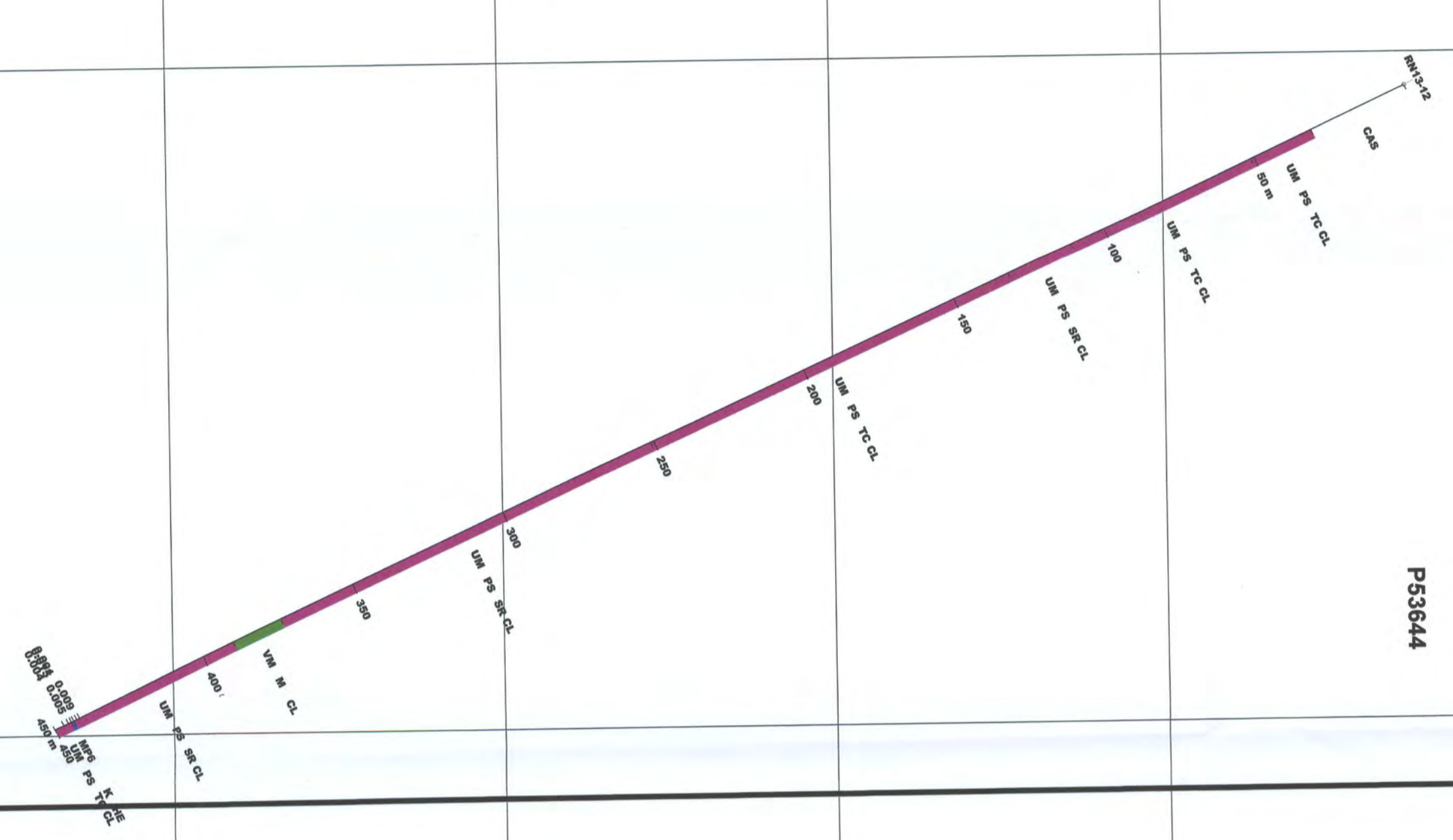




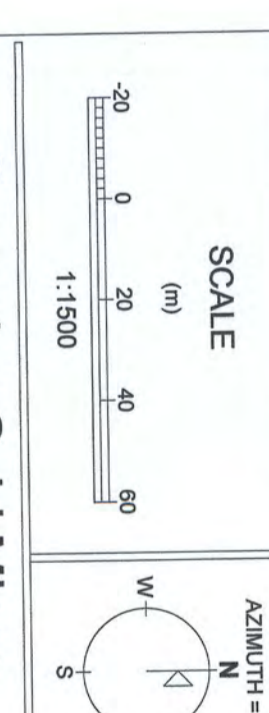
RN13-12  
AZ 360  
Dip -65  
L = 450m

P53644

P12582

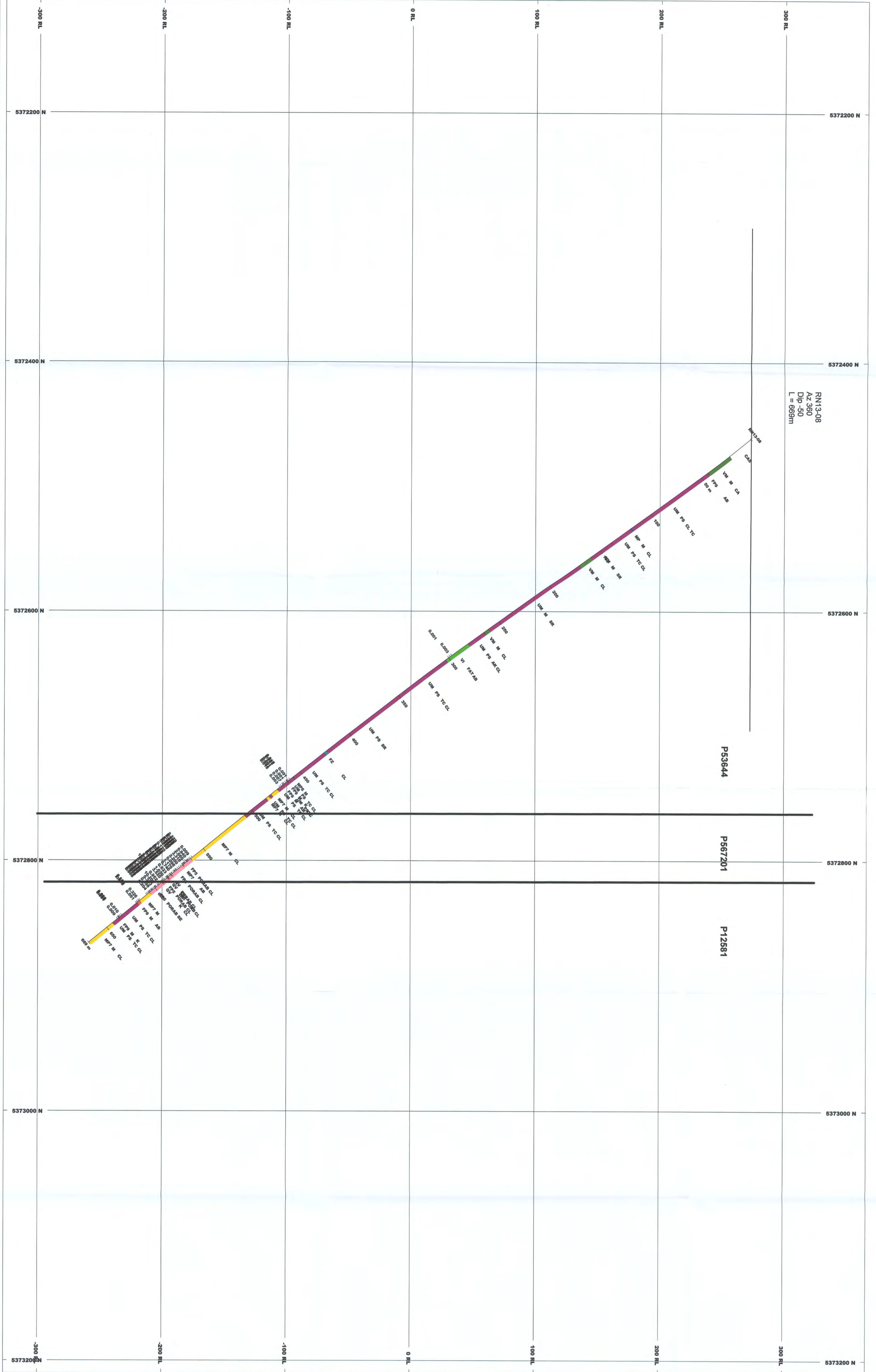
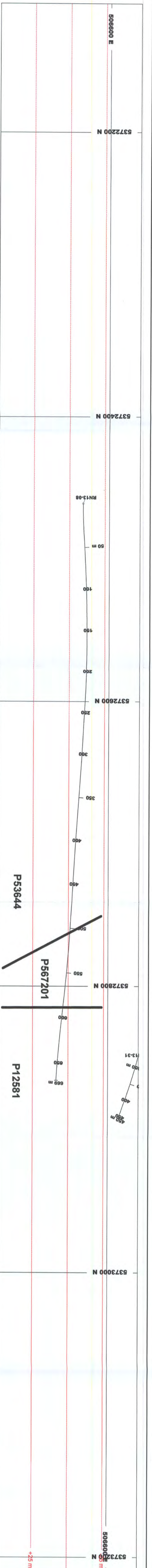


**ROCK CODES** PAT LABEL DESCRIPTION  
 MFS Dark Micaceous  
 VM Ultramylonitic  
 UN  
**ASSAYS** L/R TEXT  
 Au\_ppm\_BEST\_D (ppm)  
**POSTED TEXT** L/R TEXT ITEMS  
 Libology R AI  
 Assay R AI  
 Assay R AI  
**SECTION SPECS**  
 SECTION TOP 807 366.7 m  
 SECTION TOP 807 -327.3 m  
 TOLERANCE +/- 20 m



**Porcupine Gold Mines**  
**Night Hawk Lake Property**  
 Drill Section  
 RN13-12





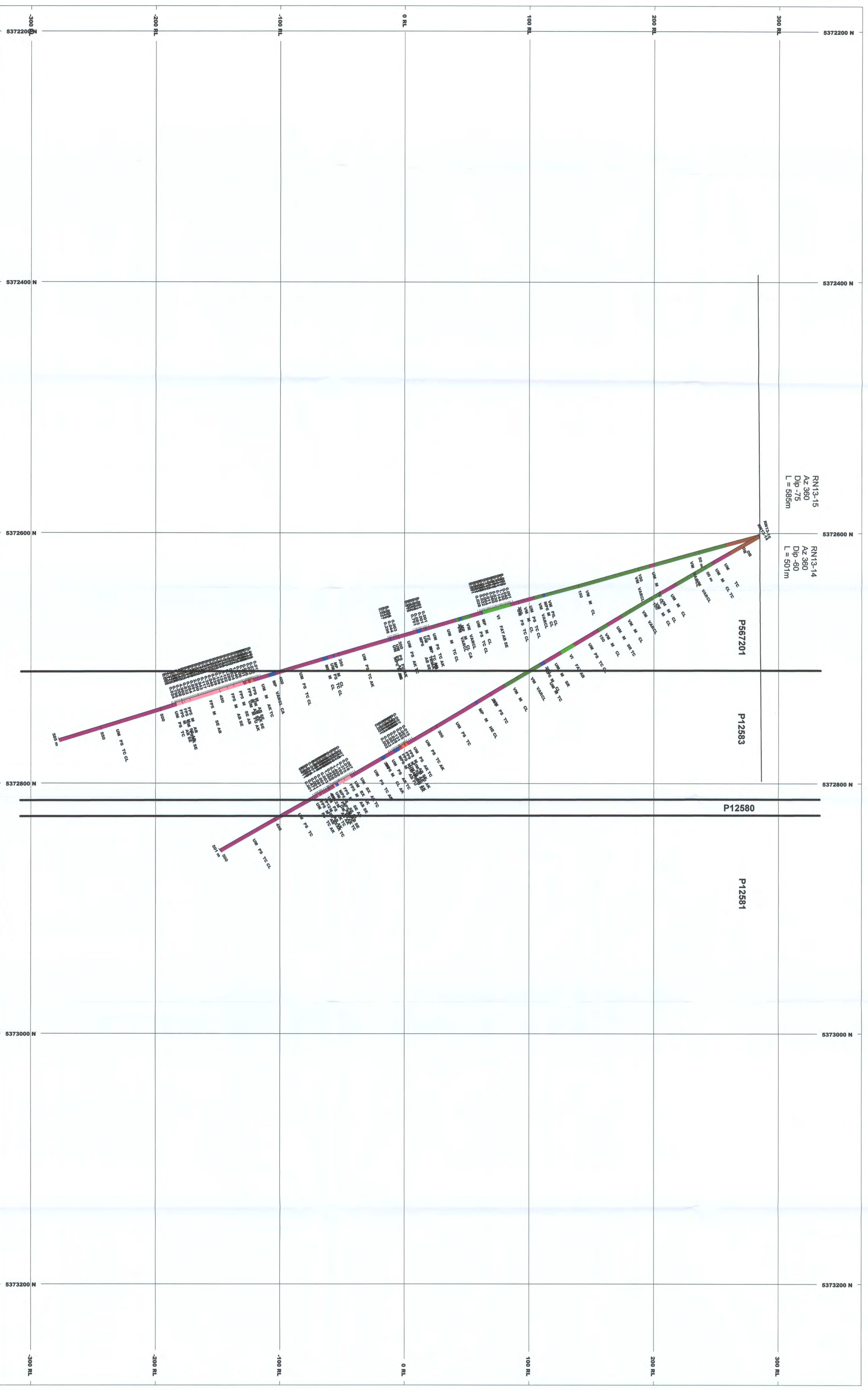
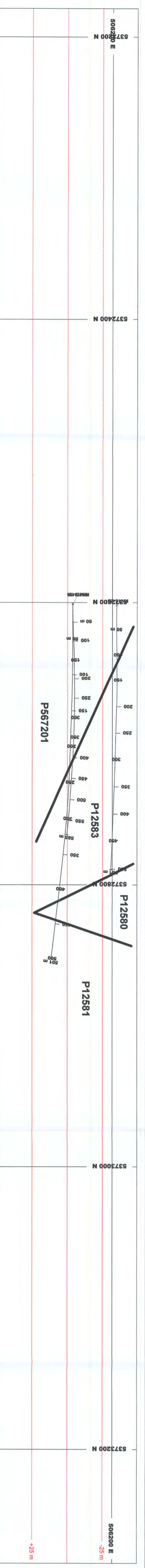
ROCK CODES	PAT	LABEL	DESCRIPTION
FZ		Quartz Vein	
OV		Fault Zone	
FR		Fracture	
MR		Mafic Intrusive Rocks	
MP		Mafic Intrusive Rocks	
MI		Mafic Intrusive Rocks	
VI		Intermediate Metasediments	
VM		Intermediate Metasediments	
UM		Ultramafic Metasediments	
MF		Mafic Dyke	
MS		Syncline	

ASSAYS  
 AU\_PPUL\_BEST\_D (ppm) -----  
 POSTED TEXT LR TEXT ITEMS  
 Lithology R ----- AI  
 Assay R ----- AI  
 Assay2 R ----- AI  
 Assay3 R ----- AI  
 Assay4 R ----- AI  
 Assay5 R ----- AI

SECTION SPECS:  
 REF PT. E N 508623 m 5372834 m  
 REF PT. W E N 508623 m 5372834 m  
 SECTION TOP-BOT 363.7 m -327.3 m  
 TOLERANCE +/- 25 m



Porcupine Gold Mines  
 Night Hawk Lake Property  
 Drill Section  
 RN13-08



RN13-15  
Az 360  
Dip -75  
L = 583m

RN13-14  
Az 360  
Dip -50  
L = 501m

P567201

P12583

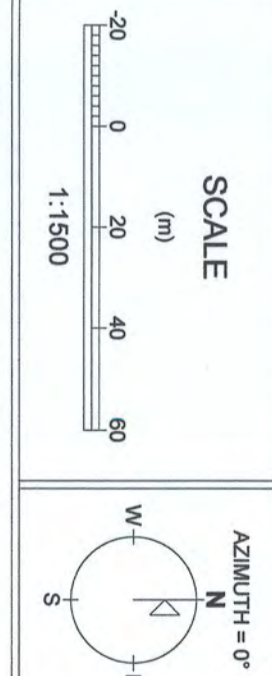
P12580

P12581

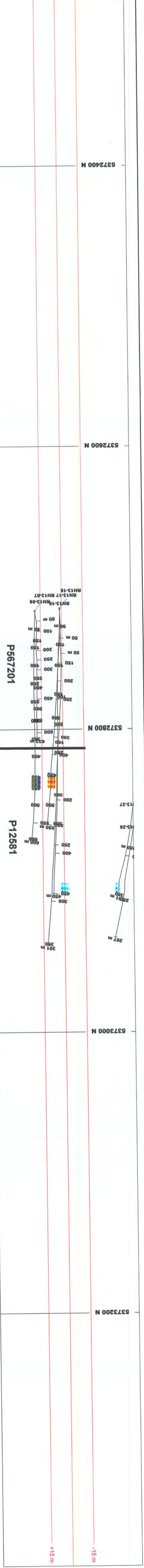
**ROCK CODES** PAT LABEL DESCRIPTION  
 Lithology  
 OI Ore  
 FZ Fault Zone  
 F99 Ashlike Dyke  
 F92 Middle Porphyry  
 M95 Matrix  
 D95 Diabase  
 I95 Intermediate Metasediments  
 U95 Ultramylonitic  
 S95 Syenite  
 L95 Lignite

**ASSAYS** L95 TEXT  
 Au\_PPM\_BEST\_D (PPM)  
 POS'D TEXT L95 TEXT ITEMS  
 Lithology F R  
 Texture R AI  
 Alteration R AI

**SECTION SPECS:**  
 REF. PT. E N 596232 m 5372726 m  
 EXTENTS 1100 m 694.4 m  
 SECTION TOP BOT 366.7 m -27.3 m  
 TOLERANCE +/- 2.5 m



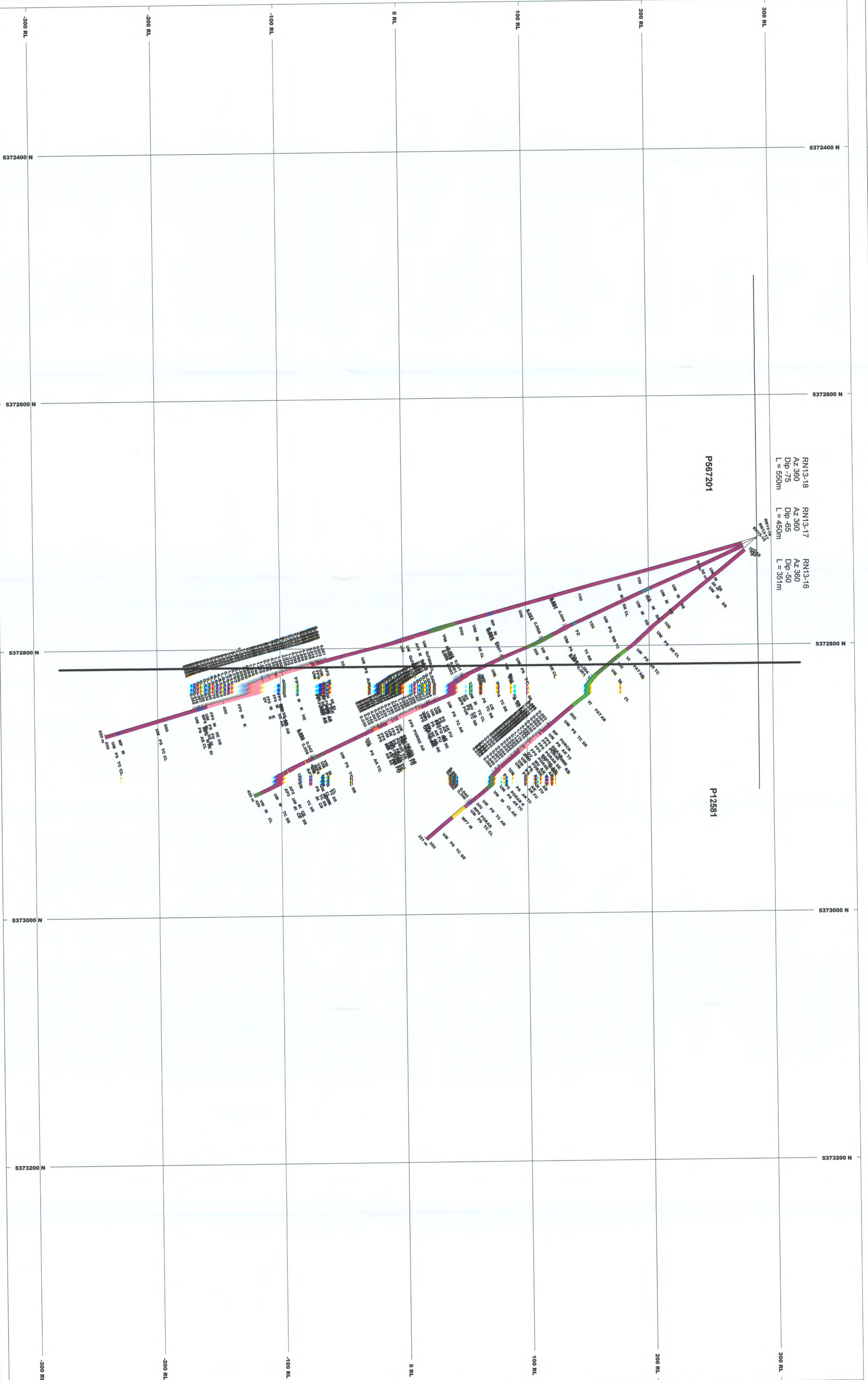
**Porcupine Gold Mines**  
**Night Hawk Lake Property**  
 Drill Section  
 RN13-14 & RN13-15



RN13-18 Az 360 Dip -75 L = 550m  
 RN13-17 Az 360 Dip -65 L = 450m  
 RN13-16 Az 380 Dip -50 L = 351m

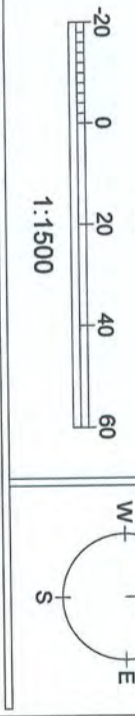
P567201

P12581



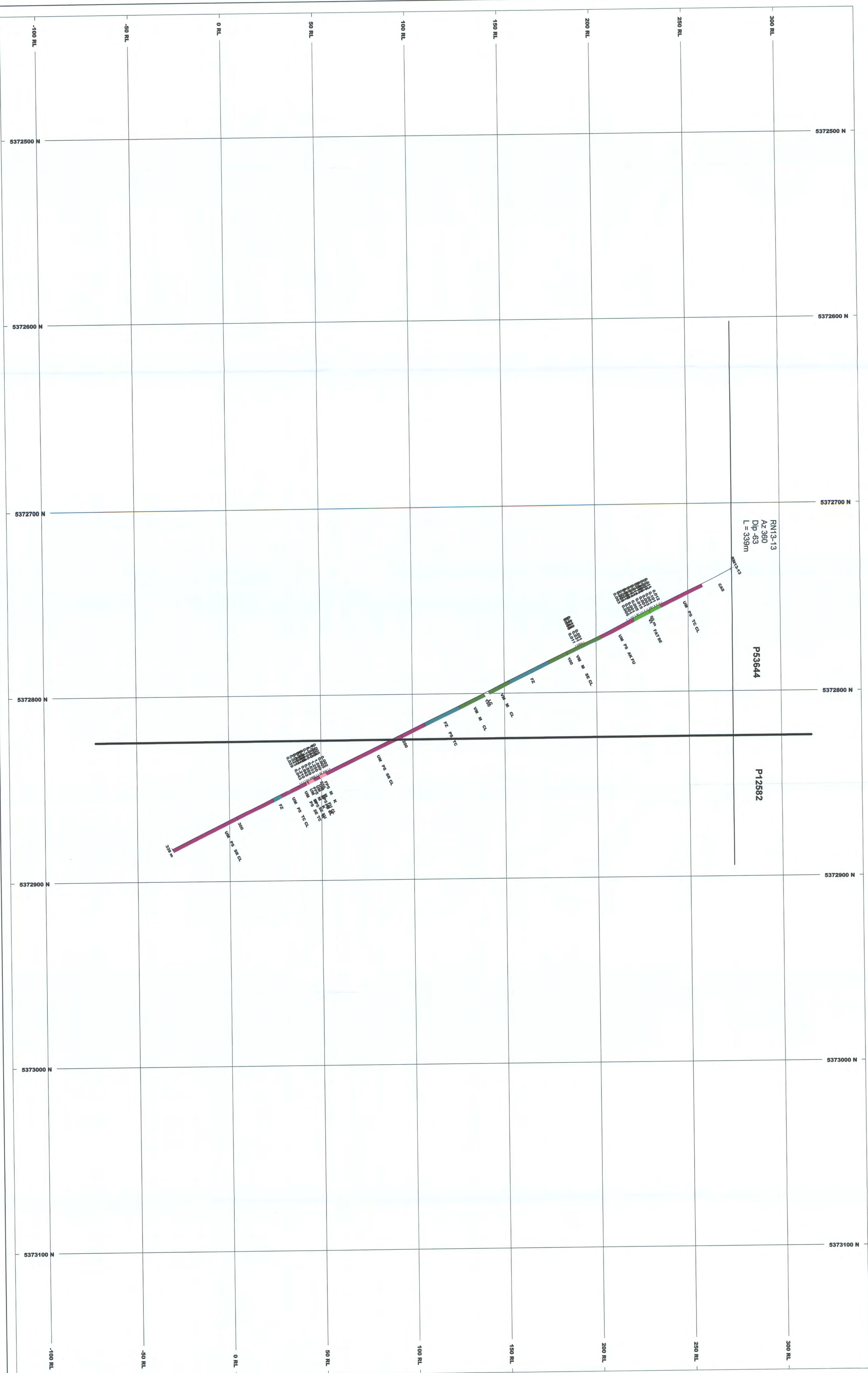
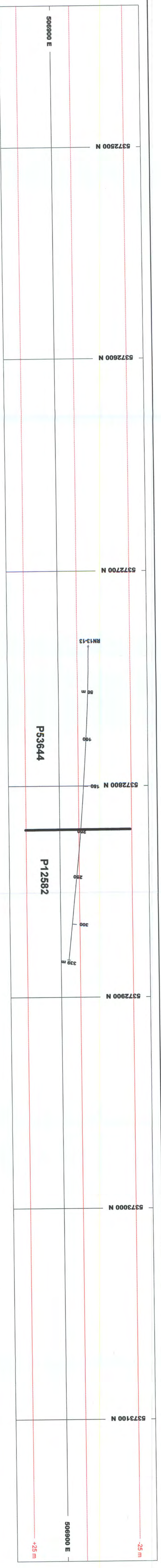
ROCK COBERS	PAT	LABEL	DESCRIPTION
DL	DL	DL	Quartz Vein
FP9	FP9	FP9	Asbestos Dye
AP2	AP2	AP2	Lanthanophane Dye
MF5	MF5	MF5	Intermediate Rocks
VI	VI	VI	Dolomite
VM	VM	VM	Intermediate Metasediments
W7	W7	W7	Metasediments
MF7	MF7	MF7	Dolomite Dye
FP9	FP9	FP9	Syenite

ASSAYS  
 Au ppm BEST D (ppm)  
 POSTED TEXT L R TEXT ITEMS  
 Label R AI  
 Texture R AI  
 Alteration R AI  
 SECTION SPECS:  
 REF. PT. E N 906485 m 5372800 m  
 EXTENTS 1100 m 604.1 m  
 SECTION TOP BOT 386.1 m -327.3 m  
 TOLERANCE ± 15 m



**Porcupine Gold Mines**  
 Night Hawk Lake Property  
 Drill Section  
 RN13-16, RN13-17 & RN13-18





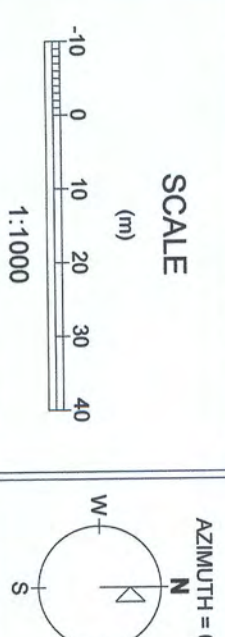
**ROCK CODES**

PAT	LABEL	DESCRIPTION
FZ	Fault Zone	
VI	Intermediate Metavolcanics	
VM	Mafic Metavolcanics	
VF	Felsic Metavolcanics	
PS	Syncline	

**ASSAYS**  
 AU, ppm, BEST, D (PEM)

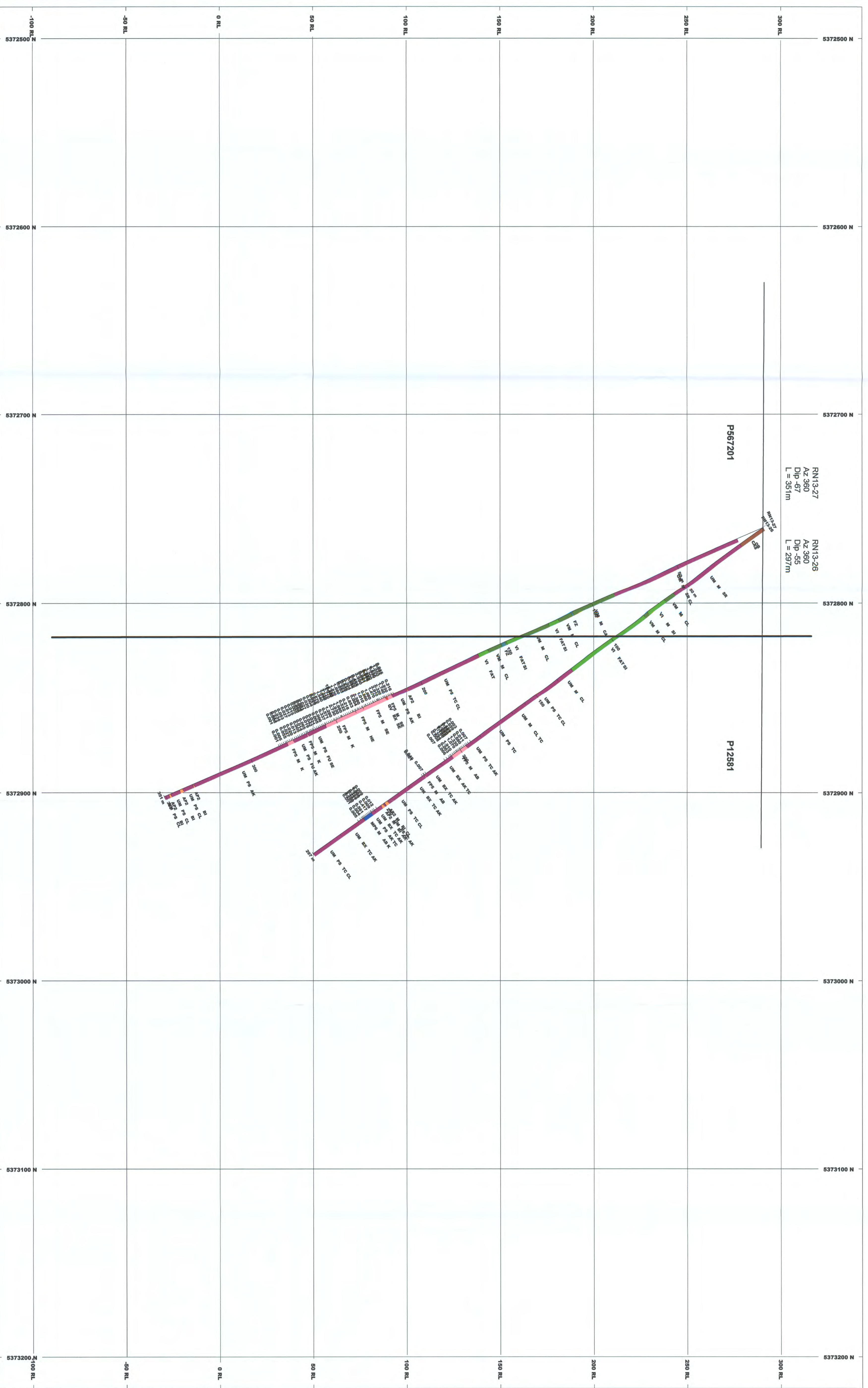
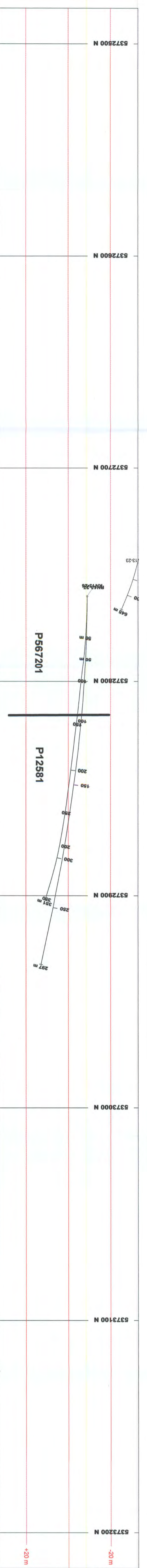
**POSTED TEXT**  
 LIR TEXT ITEMS  
 Lithology: R, AI, AI  
 Texture: R, AI, AI  
 Alteration: R, AI, AI

**SECTION SPECS:**  
 REF. PT., E, N 506891 m 5372800 m  
 EXTENTS 733.6 m 482.7 m  
 SECTION TOP, BOT 343.6 m -119.1 m  
 TOLERANCE +/- 25 m



**Porcupine Gold Mines**  
**Night Hawk Lake Property**  
 Drill Section  
 RN13-13





RN13-27  
 AZ 360  
 Dip -57  
 L = 351m

RN13-26  
 AZ 360  
 Dip -55  
 L = 297m

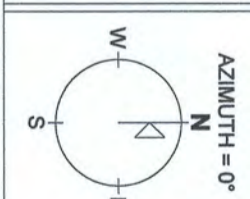
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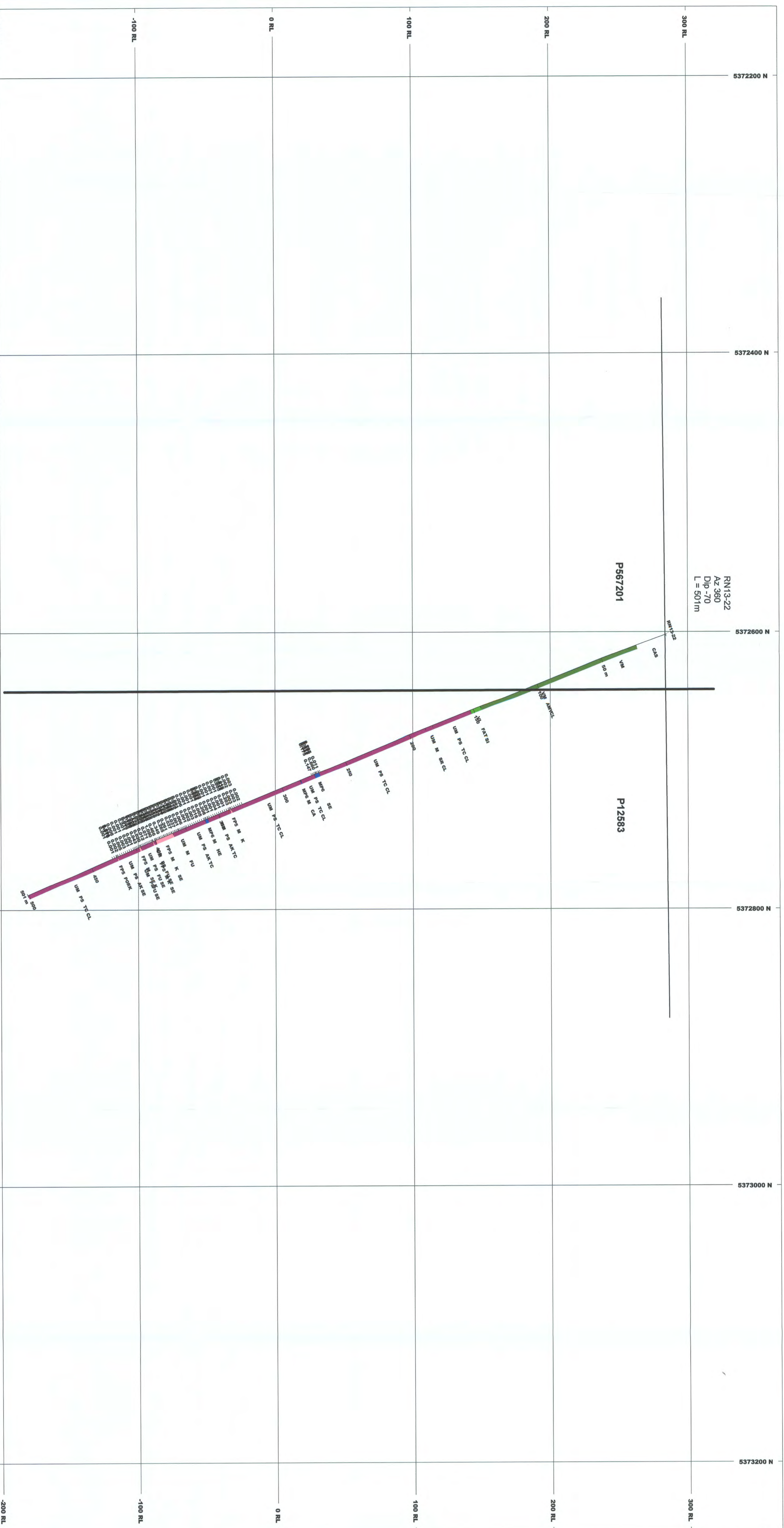
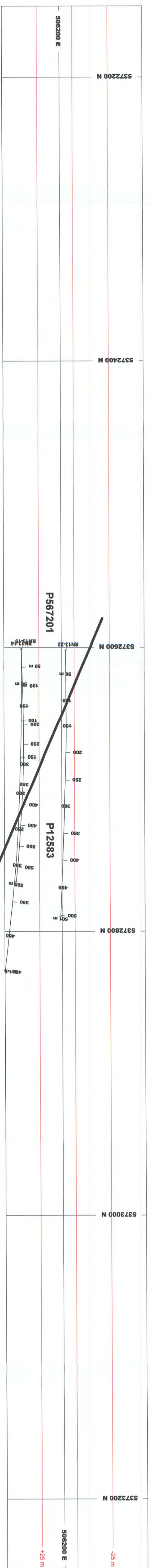
**ROCK CODES**  
 PAT LABEL DESCRIPTION  
 Lithology  
 OB Casing  
 FZ Fault Zone  
 A12 Amphibolite  
 MP6 Lamprophyre Dyke  
 DI Diabase  
 VM Intermediate Metasediments  
 UM Ultramafic Metasediments  
 SY Syenite  
 PFS

**ASSAYS**  
 Au, ppm, BEST, D (ppm) -----  
 POSTED TEXT UR TEXT ITEMS  
 Lithology R ----- AI  
 Texture R ----- AI  
 Alteration R ----- AI  
 Amplitude R ----- AI  
**SECTION SPECS:**  
 REF. PT. E N 506446 m 5372690 m  
 E 733.6 m 462.7 m  
 EXTENS 109.637 320 m  
 TOLERANCE +/- 20 m

SCALE (m)  
 1:1000  
 0 10 20 30 40



**Porcupine Gold Mines**  
 Night Hawk Lake Property  
 Drill Section  
 RN13-26 & RN13-27



**ROCK CODES**

PAT	LABEL	DESCRIPTION
Pro	Pro	Proterozoic Metasediments
VM	VM	Mafic Metavolcanics
UM	UM	Ultramafic Metavolcanics
SP	SP	Syncline

**ASSAYS**

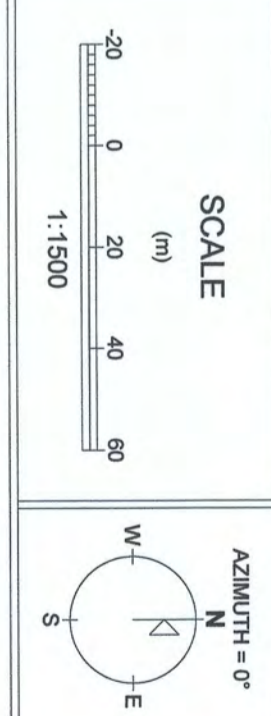
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**POSTED TEXT**

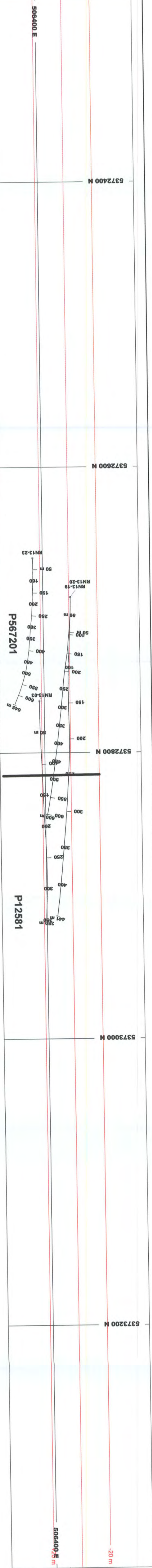
LIBRARY	LR	TEXT	ITEMS
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**SECTION SPECS:**

SECTION TOP: 5372200 m  
 SECTION BOT: 327.3 m  
 TOLERANCE +/-: 25 m

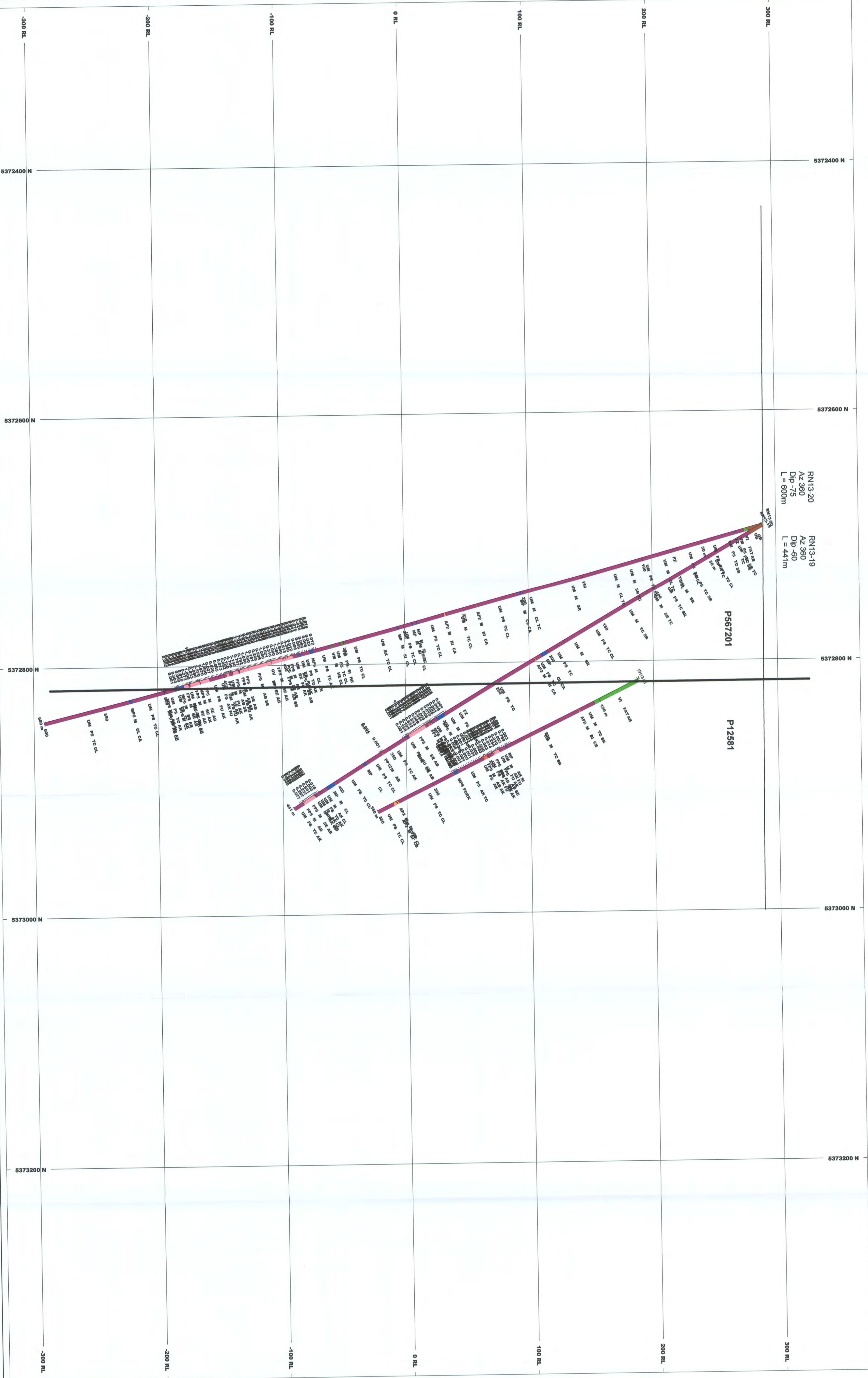


**Porcupine Gold Mines**  
**Night Hawk Lake Property**  
 Drill Section  
 RN13-22



RN13-20  
AZ 360  
Dip -75  
L = 600m

RN13-19  
AZ 360  
Dip -50  
L = 441m



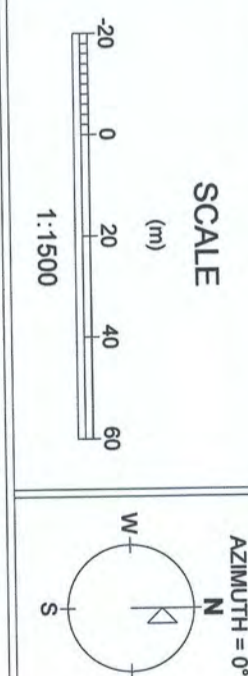
**ROCK CODES**

PAT	LABEL	DESCRIPTION
OB	OR	Granite
OV	OV	Quartz Vein
PP9	AS	Asbestos Dyke
PP2	FR	Feldspar Porphyry
PP1	FR	Feldspar Porphyry
MP	MP	Mafic Intrusive Rocks
MP5	MP	Dioritic and/or Monzonitic Mafic Intrusives
VM	VM	Mafic Metasediments
UM	UM	Ultramafic Metavolcanics
SP5	SP	Syenite

**ASSAYS**  
Au ppm, BEST, D (ppm)

**POSTED TEXT**  
L.R. TEXT ITEMS  
Lithology R  
Texture R  
Alteration R  
Amalgam R

**SECTION SPECS:**  
REF. PT. E, N 506382 m 5372800 m  
EXTENS TOP BOT 500 984.4 m  
TOLERANCE +/- 20 m



**Porcupine Gold Mines**  
**Night Hawk Lake Property**  
**Drill Section**  
**RN13-19 & RN13-20**