

We are committed to providing [accessible customer service](#).
If you need accessible formats or communications supports, please [contact us](#).

Nous tenons à améliorer [l'accessibilité des services à la clientèle](#).
Si vous avez besoin de formats accessibles ou d'aide à la communication, veuillez [nous contacter](#).

Golden Target Project

Drill Log CR2014-01

COLLAR INFORMATION

Claim: 4276170
Projection: NAD83 17N **Azimuth:** 247.00°
Easting: 539,612.00 m **Dip:** -60.00°
Northing: 5,360,480.00 m **Length:** 99.67 m
Elevation: 352.00 m **Core Size:** NQ

Storage: CanREE explo site

Comments: The log is in metric but the drill rods are all in imperial length that's why the blocks were converted to metric.

WORK DONE BY

Work	From	To	Worker	Start	End
Drilling	0.0	99.7	Walker Drilling	2014-Jul-18	Jul-22
Downhole Survey	0.0	99.7	Walker Drilling	2014-Jul-22	Jul-22
Core Logging	0.0	99.7	Ce Shi	2014-Jul-20	Jul-20
Core Logging	0.0	99.7	Dennis Patron	2014-Jul-20	Jul-20

DRILL LOG

GEOLOGY				VISUAL		ASSAY RESULTS					
From	To	Code	Comment	Cp %	Py%	Sample	From	To	Length	Au gpt	Cu %
69.00	99.83	GB	Fine to Medium Grained Gabbro	0.1		30310	69.20	70.40	1.20		
			The hole reverts back to the kind of gabbro that is a bit similar from the surface. It is massive and homogenous. Resulting from a gradationale evolution of overlying unit the rock becomes, medium-dark gray, medium grained, slightly porphyritic plagioclase-amphibole intrusive rock of apparent gabbroic/dioritic composition. This unit is weakly fractured and very competent. Generally the rock is non magnetic, however it has occasional narrow zones of weak magnetism which kind of differ. The zones of weak magnetism occur at 85.45-85.85 m, 86.86-86.96m, 88.5-88.85m 89.3-89.8m respectively. These zones of low magnetism show a coarser feldpathic texture than the normal gabbro and presumed to be syenite which is quite similar to the syenites in the beginning of the hole. The rock is non calcareous but moderately ankeritic. Ferromagnesian are also quite abundant in this rock and modal percentage is estimated to 35%. They are pyroxenes.	0.1		30311	70.40	71.60	1.20		
				0.1		30312	71.60	72.80	1.20		
				0.1		30313	72.80	74.00	1.20		
				0.1		30314	74.00	75.20	1.20		
				0.1		30315	75.20	76.40	1.20		
				0.1		30316	76.40	77.60	1.20		
				0.1		30317	77.60	78.80	1.20		
				0.1		30318	78.80	80.00	1.20		
				0.1		30319	80.00	81.20	1.20		
				0.1		30320	81.20	82.40	1.20		
				0.1		30321	82.40	83.60	1.20		
				0.1		30322	83.60	84.80	1.20		
				0.1		30323	84.80	86.00	1.20		
				0.1		30324	86.00	87.20	1.20		
				0.1		30326	87.20	88.40	1.20		
						30327	88.40	89.60	1.20		
				0.1		30328	89.60	90.80	1.20		
				0.1		30329	90.80	92.00	1.20		
				0.1		30330	92.00	93.20	1.20		
				0.1		30331	93.20	94.40	1.20		
				0.1		30332	94.40	95.60	1.20		
				0.1		30333	95.60	96.80	1.20		
				0.1		30334	96.80	98.00	1.20		
				0.1		30335	98.00	99.00	1.00		
				0.1		30336	99.00	99.83	0.83		
64.55	69.00	MI	Mafic Intrusive	0.1		30307	65.60	66.80	1.20		
			The upper contact is sharp at 150°ca when the change in texture changes from medium grained to fine grained. There are more fractures and gauge filled fault slips that's why the RQD is lower. Here, the protolith is fine grained, medium greyish green coloured and massive textured with local finely shredded disrupted zones, some of which take on a grungy dark green grey tone reminiscent of flow contacts. Local fine speckling, chloritic fracturing, are caused by alteration and tectonism. This rock is non to weakly magnetic, non calcareous and moderately ankeritic. The lower contact is gradational over half a meter where the grains are becoming coarser but no definite contact showing. Sparse distribution of those yellow and silvery flecks which are presumed to be source of REE and sulphides.	0.1		30308	66.80	68.00	1.20		
				0.1		30309	68.00	69.20	1.20		

DRILL LOG

GEOLOGY				VISUAL		ASSAY RESULTS					
From	To	Code	Comment	Cp %	Py%	Sample	From	To	Length	Au gpt	Cu %
34.40	64.55	GBFP	Porphyritic Gabbro		0.1	30280	34.40	35.60	1.20		
			A well defined contact at 140°ca marks a distinct change to a phenocrystic texture that is very competent and weakly fractured giving the core a solid appearance. To this point, the porphyry is light/ medium greyish green/beige coloured with a few large spots of light yellowish grey feldspar phenos 1 cm in diameter. It is finely speckled (4-8%) with pale yellow sericitized ferromagnesian minerals that stand out in a groundmass of faint grey feldspar phenos and dark green fine to medium grained groundmass. Below 52.00m, there is a reversal in colour whereby 10-15% dark green to black mafic grains are interstitial to 25-35% densely packed, millimetric, dull grey, tabular feldspar crystals in a fine grained feldspathic groundmass forming a massive medium grained host containing a few scattered mafic inclusions. The rock is moderately magnetic, no calcareous and weakly to moderately ankeritic. The sulphide content is moderate but there are yellow and silvery specks that are sparsely distributed within this unit. There is a drop in magnetic readings after the mafic intrusive described below.		0.1	30281	35.60	36.80	1.20		
					0.1	30282	36.80	38.00	1.20		
					0.1	30283	38.00	39.20	1.20		
					0.1	30284	39.20	40.40	1.20		
					0.1	30285	40.40	41.60	1.20		
					0.1	30286	41.60	42.80	1.20		
					0.1	30287	42.80	44.00	1.20		
					0.1	30288	44.00	45.20	1.20		
					0.1	30289	45.20	46.40	1.20		
					0.1	30290	46.40	47.60	1.20		
					0.1	30291	47.60	48.80	1.20		
					0.1	30292	48.80	50.00	1.20		
					0.1	30293	50.00	51.20	1.20		
					0.1	30294	51.20	52.40	1.20		
					0.1	30295	52.40	53.60	1.20		
						30296	53.60	54.80	1.20		
					0.1	30297	54.80	56.00	1.20		
			35.12-35.26: Mafic Intrusive. Medium green, fine grained, massive and chloritized mafic rock of volcanic aspect. Homogenous aspect, non magnetic and without volcanic textures. This rock is non ankeritic, non calcareous and non magnetic. Sharp upper and lower contact at 155°ca.		0.1	30298	56.00	57.20	1.20		
					0.1	30299	57.20	58.40	1.20		
					0.1	30301	58.40	59.60	1.20		
					0.1	30302	59.60	60.80	1.20		
					0.1	30303	60.80	62.00	1.20		
					0.1	30304	62.00	63.20	1.20		
					0.1	30305	63.20	64.40	1.20		
					0.1	30306	64.40	65.60	1.20		
26.94	34.40	MI	Mafic Intrusive		0.1	30273	27.20	28.40	1.20		
			The upper contact of this fine grained, dark grey, mafic intrusive is sharp at 25°ca while the lower contact is 140°ca against the gabbro. The unit is massive and homogenous and oftentimes aphanitic. Trace pyrites are observed to be associated. No significant quartz carbonates veinings. Appears fresh and unaltered. There are fractures that are coated by chlorite and oriented variably to the CA. The rock is weakly magnetic and weakly ankeritic and weakly to non calcareous. The silvery flecks that are observed in the gabbro seems to be also present here. There is a weak fabric observed that apparently trends 25 to 30°ca.		0.1	30274	28.40	29.60	1.20		
						30276	29.60	30.80	1.20		
					0.1	30277	30.80	32.00	1.20		
					0.1	30278	32.00	33.20	1.20		
					0.1	30279	33.20	34.40	1.20		

DRILL LOG

GEOLOGY				VISUAL		ASSAY RESULTS					
From	To	Code	Comment	Cp %	Py%	Sample	From	To	Length	Au gpt	Cu %
0.88	26.94	GB	Fine to Medium grained Gabbro								
			This is the rock that is presumed to be hosting the scandium and yttrium. There are sections where the gabbro is intruded by pinkish syenite (diorite). The gabbro occurs as massive, medium grained, salt and peppery zones comprised of millimetric black, stubby, ferromagnesian laths in a fine grained, yellowish buff coloured when dry, feldspathic groundmass, while the syenite is also massive and coarser grained than the gabbro and have a pinkish tint. It is also massive and homogenous generally more felsic than the gabbro. Quartz veining is negligible but if present is usually mm thick and has no definite orientation. Fine fractures are ankeritic while the matrix in both lithologies is essentially non reactive to HCL but weakly to moderately reactive to KFC which means that the alteration present is ankerite. Fractures are generally coated by chlorite and was counted individually in the RQD page. Only trace pyrite (Py) crystals were noted scattered through the matrix and along fractures. There are however silvery metallic luster grains that is approximately 0.5% that is associated and yet to be identified in the thin section. Some silvery specks were noticed to be attached to the pyroxene and plagioclase. Below are the contact zones described in detailed.	0.1		30251	0.88	2.00	1.12		
				0.1		30252	2.00	3.20	1.20		
				0.1		30253	3.20	4.40	1.20		
				0.1		30254	4.40	5.60	1.20		
				0.1		30255	5.60	6.80	1.20		
						30256	6.80	8.00	1.20		
				0.1		30257	8.00	9.20	1.20		
				0.1		30258	9.20	10.40	1.20		
				0.1		30259	10.40	11.60	1.20		
				0.1		30260	11.60	12.80	1.20		
				0.1		30261	12.80	14.00	1.20		
				0.1		30262	14.00	15.20	1.20		
				0.1		30263	15.20	16.40	1.20		
				0.1		30264	16.40	17.60	1.20		
				0.1		30265	17.60	18.80	1.20		
				0.1		30266	18.80	20.00	1.20		
				0.1		30267	20.00	21.20	1.20		
				0.1		30268	21.20	22.40	1.20		
				0.1		30269	22.40	23.60	1.20		
				0.1		30270	23.60	24.80	1.20		
				0.1		30271	24.80	26.00	1.20		
				0.1		30272	26.00	27.20	1.20		
			2.70-2.86: Mafic Syenite. This is a porphyritic unit comprising 1-2mm, euhedral, feldspar phenocrysts in a fine grained, mixed feldspar-amphibole (acicular) groundmass that is dark greenish grey coloured overall. Both contacts are sharp, scalloped at 60°ca upper contact and 35°ca lower contact. The porphyry intruding the gabbro and forming the contact with the amphibolite that follows. Weakly ankeritic, no metallic disseminations were observed.								
			3.85-4.15: Mafic Syenite. This is similar to the rock above except that the upper and lower contact is scalloped at 65°ca and 55°ca respectively. No alteration nor mineralization observed.								
			7.34-7.95: Mafic Syenite. This is similar to the rock above except that the upper and lower contact is scalloped at 35°ca and 130°ca respectively. No alteration nor mineralization observed.								
			21.23: QCV. This quartz carbonate vein trends 20°ca and have an apparent thickness of 3 cm.								
			22.50: QCV. This quartz carbonate vein trends 143°ca and have an apparent thickness of 1 cm.								
			22.60: QCV. This quartz carbonate vein trends 145°ca and have an apparent thickness of 1 cm.								
0.00	0.88	OVB	Overburden								
			Core recovery was measured to begin at 0.88m. This section is considered as the overburden or casing.								
			Note: All the core is systematically tested for pervasive carbonate using dilute hydrochloric acid (HCl) and potassium ferricyanide (KFC). The acid fizzes in contact with calcite and the KFC stains the core blue in the presence of ankerite. In certain areas, the core is tested with a magnet to determine relative magnetite content.								
99.67		EOH	End of hole.								

DOWNHOLE ORIENTATION SURVEYS

Depth	Test	Az	Dip	Type	Comments
0.00	247.0°	247.0°	-60.0°	Collar	
11.28	259.0°	247.8°	-59.5°	Multi	
14.33	259.4°	248.2°	-59.5°	Multi	
17.37	260.8°	249.6°	-59.0°	Multi	
20.42	259.4°	248.2°	-59.4°	Multi	
23.47	261.4°	250.2°	-59.0°	Multi	
26.52	261.9°	250.7°	-58.9°	Multi	
29.57	261.4°	250.2°	-58.9°	Multi	
32.61	262.7°	251.5°	-58.9°	Multi	
35.66	263.0°	251.8°	-59.0°	Multi	
38.71	262.5°	251.3°	-59.4°	Multi	
41.76	261.5°	250.3°	-59.2°	Multi	
44.81	262.0°	250.8°	58.9°	Multi	
47.85	261.6°	250.4°	-59.1°	Multi	
50.90	260.2°	249.0°	-59.5°	Multi	
53.95	259.5°	248.3°	-59.5°	Multi	
57.00	261.1°	249.9°	-59.0°	Multi	
60.05	261.2°	250.0°	-59.3°	Multi	
63.09	261.1°	249.9°	-59.6°	Multi	
66.14	263.5°	252.3°	-59.0°	Multi	
69.19	263.3°	252.1°	-59.1°	Multi	
72.24	259.2°	248.0°	-59.5°	Multi	
75.29	258.7°	247.5°	-59.7°	Multi	
78.33	260.0°	248.8°	-59.6°	Multi	
81.38	263.0°	251.8°	-59.2°	Multi	
84.43	262.2°	251.0°	-59.1°	Multi	
87.48	261.5°	250.3°	-59.2°	Multi	
90.53	258.8°	247.6°	-59.2°	Multi	
93.57	259.4°	248.2°	-59.6°	Multi	
96.62	260.5°	249.3°	-59.7°	Multi	

GEOTECHNICAL INFORMATION

From	To	Len	Core	Rec (%)	>10cm	RQD (%)	Breaks
2.1	3.6	1.4			1.5	103	
3.9	5.3	1.4	1.4	98	1.3	94	6
5.3	8.3	3.1	3.0	99	2.2	72	22
8.3	11.4	3.1	3.0	98	1.6	54	36
11.4	14.4	3.1	3.0	97	1.6	51	31
14.4	17.5	3.1	3.0	98	2.4	79	16
17.5	20.5	3.1	3.0	98	2.2	73	14
20.5	23.6	3.1	3.0	98	2.3	74	12
23.6	26.6	3.1	3.0	98	2.3	75	21
26.6	29.7	3.1	3.0	97	2.1	68	34
29.7	32.7	3.1	3.0	99	2.5	81	18
32.7	35.8	3.0	3.0	98	2.6	85	15
35.8	38.8	3.1	3.0	98	2.1	69	11
38.8	41.9	3.1	3.0	99	2.8	91	2
41.9	44.9	3.1	3.0	99	2.6	86	9
44.9	48.0	3.1	3.0	99	2.8	92	9
48.0	51.0	3.1	3.0	99	3.0	98	6
51.0	54.1	3.0	3.0	99	2.7	90	11
54.1	57.1	3.1	3.0	98	2.5	83	7
57.1	60.2	3.1	3.0	98	2.5	82	6
60.2	63.2	3.1	3.0	97	2.0	65	13
63.2	66.3	3.1	3.0	97	1.5	48	19
66.3	69.3	3.1	3.0	97	1.5	48	17
69.3	72.4	3.0	3.0	99	2.5	84	10
72.4	75.4	3.1	3.0	99	2.7	89	5
75.4	78.5	3.1	3.0	97	2.6	85	7
78.5	81.5	3.1	3.0	98	2.3	75	8
81.5	84.6	3.1	3.0	98	2.6	85	10
84.6	87.6	3.1	3.0	99	3.0	97	5
87.6	90.7	3.1	3.0	98	2.6	84	13
90.7	93.7	3.1	3.0	98	2.5	82	10
93.7	96.8	3.1	3.0	99	2.9	95	5
96.8	99.8	3.1	3.0	99	2.9	94	5

Golden Target Project

Drill Log CR2014-02

COLLAR INFORMATION

Claim: 4276170
Projection: NAD83 17N **Azimuth:** 246.90°
Easting: 539,695.00 m **Dip:** -60.00°
Northing: 5,360,290.00 m **Length:** 99.21 m
Elevation: 369.00 m **Core Size:** NQ

Storage: CanREE explo site

Comments: Mobilization took a day because the drill is very hard to maneuver in hilly soft ground.

WORK DONE BY

Work	From	To	Worker	Start	End
Drilling	0.0	99.2	Walker Drilling	2014-Jul-24	Jul-31
Downhole Survey	0.0	99.2	Walker Drilling	2014-Jul-31	Jul-31
Core Logging	0.0	99.2	Ce Shi	2014-Jul-25	Jul-25
Core Logging	0.0	99.2	Dennis Patron	2014-Jul-25	Jul-25

DRILL LOG

GEOLOGY				VISUAL		ASSAY RESULTS					
From	To	Code	Comment	Cp %	Py%	Sample	From	To	Length	Au gpt	Cu %
70.10	99.23	MV	Altered Mafic Volcanics	0.5		30395	70.10	71.30	1.20		
			This unit have a sharp contact at 135°ca and occurs as alternating bands of darker greyish and more pinkish material and is also mineralize by pyrite disseminations up to 5% in concentration. There is a weak foliation fabric at 15 to 35°ca by which sub parallel syenite veinings also occur. The low angle foliation fabric suggest that we are drilling along the dip of the mafic volcanics which is apparently trending 75 to 85°ca when plotted. Abundant throughout are dark greyish-green chlorite stringers as well as yellow green sericite stringers anostomosing the unit at various direction like a stockwork or meshwork. Generally 0.5% disseminated pyrite but locally up to 5% in concentrations. The rock is moderately to strongly magnetic, weakly to moderately calcareous and weakly ankeritic. Sub units within this mafic volcanic package is described below.	0.5		30396	71.30	72.50	1.20		
				0.5		30397	72.50	73.70	1.20		
				0.5		30398	73.70	74.90	1.20		
				0.5		30399	74.90	76.10	1.20		
				0.5		30401	76.10	77.30	1.20		
				0.5		30402	77.30	78.50	1.20		
				0.5		30403	78.50	79.70	1.20		
				0.1		30404	79.70	81.20	1.50		
				0.1		30405	81.20	82.90	1.70		
				1.0		30406	82.90	84.00	1.10		
				1.0		30407	84.00	85.00	1.00		
				1.0		30408	85.00	86.00	1.00		
				1.0		30409	86.00	87.00	1.00		
				1.0		30410	87.00	88.00	1.00		
			74.03-74.23: Feldspar Porphyry. This unit is similar to the massive, crystalline and homogenous, pink feldspar porphyry. Upper and lower contact are sharp at 35°ca. Trace pyrites.	1.0		30411	88.00	89.00	1.00		
				0.5		30412	89.00	90.20	1.20		
				0.5		30413	90.20	91.40	1.20		
			74.70-75.70: Feldspar Porphyry. This unit is similar uphole. Strongly porphyritic where the feldspar phenos are coarse ~3-5 mm diameter. Trace pyrites	0.5		30414	91.40	92.60	1.20		
				0.5		30415	92.60	93.80	1.20		
				0.5		30416	93.80	95.00	1.20		
				0.5		30417	95.00	96.20	1.20		
			77.20-78.80: Mixed Syenite. The ratio of the syenite and mafic volcanics inclusions is 70:30.	0.5		30418	96.20	97.20	1.00		
				0.5		30419	97.20	98.20	1.00		
						30420	98.20	99.23	1.03		
			79.25-79.40: Syenite. This is a short interval of pinkish syenite with an upper and lower contact of 155°ca.								
			81.20-82.95: Syenite. The upper contact is 60°ca while the lower contact is 120°ca. Pinkish grey, massive and crystalline. Trace pyrites.								
			87.90-88.10: Syenite. This is a short interval of pinkish syenite with an upper and lower contact of 25°ca.								
			97.20-99.13: Mixed Syenite. The ratio of the syenite and mafic volcanics inclusions is 30:70.								

DRILL LOG

GEOLOGY				VISUAL		ASSAY RESULTS					
From	To	Code	Comment	Cp %	Py%	Sample	From	To	Length	Au gpt	Cu %
65.70	70.10	FP	Feldspar Porphyry This is a short interval of feldspar porphyry. It is salmon pink similar as the syenite colour, coherent. This unit is massive, and crystalline porphyritic dike with abundant (30%), rounded, translucent grey feldspar phenocrysts (3-5mm). The upper and lower contact is sharp at 150°ca and 60°ca respectively. Trace of pyrites are disseminated sparsely on this unit. The rock is non calcareous, non ankeritic and non to weakly magnetic. Mafic volcanic inclusions are abundant towards the lower contact and seems assimilating into the melt. This porphyry dyke is presumed to be a mixed magma of syenite as shown by the change in texture towards the lower contact.	0.1		30392	65.70	67.20	1.50		
				0.1		30393	67.20	68.70	1.50		
						30394	68.70	70.10	1.40		
41.70	65.65	MV	Altered Mafic Volcanics This rock is quite similar to the altered mafic volcanics described uphole. There are several syenite veins, veinlets and dykes that cuts accros the unit at low angle to the CA. The veinings are ubiquitous and worm like appearance forming a weak foliation fabric of 20 to 30°ca. A lot of the veinings are deformed in shape. There is a weak pyrite mineralization of trace to 0.5% that is finely disseminated in the host rock. However pyrite concentrations increases on fracture filling zones and veinlets which are filled by quartz carbonate as well as syenite. Several zones of syenite dyke are included and described separately below. 43.08-44.00: Syenite. This is a pinkish, massive and crystalline syenite with a sharp upper and lower contact of 150°ca. The rock is non ankeritic, non calcareous and non magnetic. Trace pyrites. 51.00-52.60: Mixed Syenite. This interval is a mixed of syenite and mafic volcanics. The latter comes in and out with a 50:50 ratio. The syenite follows the foliation fabric of the mafic volcanics which is 10°ca to almost sub parrallel to CA. The syenite have a wormy appearance. There is 0.5%-1% fine pyrite disseminations and most of them were concentrated on the mafic volcanics and along the contact rims. 55.50-56.10: Syenite. This is a pinkish, massive and crystalline syenite with a sharp upper and lower contact of 120°ca. The rock is non ankeritic, non calcareous and non magnetic. Trace pyrites 57.60-58.40: Mixed Syenite. This unit is quite similar to the mixed syenite uphole.	0.1		30371	41.70	42.90	1.20		
				0.1		30372	42.90	44.10	1.20		
				0.5		30373	44.10	45.30	1.20		
				0.5		30374	45.30	46.50	1.20		
				0.5		30376	46.50	47.70	1.20		
				0.5		30377	47.70	48.90	1.20		
				0.5		30378	48.90	50.10	1.20		
				0.5		30379	50.10	51.30	1.20		
				0.5		30380	51.30	52.50	1.20		
				0.5		30381	52.50	53.70	1.20		
				0.5		30382	53.70	54.90	1.20		
				0.1		30383	54.90	56.10	1.20		
				0.5		30384	56.10	57.30	1.20		
				0.5		30385	57.30	58.50	1.20		
				0.5		30386	58.50	59.70	1.20		
				0.5		30387	59.70	60.90	1.20		
				0.5		30388	60.90	62.10	1.20		
				1.0		30389	62.10	63.30	1.20		
				1.0		30390	63.30	64.50	1.20		
				1.0		30391	64.50	65.70	1.20		

DRILL LOG

GEOLOGY				VISUAL		ASSAY RESULTS					
From	To	Code	Comment	Cp %	Py%	Sample	From	To	Length	Au gpt	Cu %
29.20	41.70	SY	Syenite		0.5	30363	29.20	31.00	1.80		
			A sharp contact of 75°ca marks the beginning of a pinkish, medium to coarse grained Syenite dyke. This unit is massive and homogenous and crystalline and contains about 10% 1-3 mm whitish phenocrysts. There are portions of this unit which exhibits well developed phenos and those intervals were presumed to be feldspar porphyry. The groundmass is variably pale salmon (least carbonatized) with white subhedral to anhedral feldspar pseudocrysts and white, locally euhedral 1-2mm relic feldspar phenocrysts varying in abundance from 5% to 10%. This unit is weakly carbonatized with ankerite. There are dark green to black mafic grains that are interstitial to 5% in abundance in a medium grained host. Some sections show angular clasts of fine grained, greenish grey mafic volcanics wall rock, suggesting that the intrusion is younger than the mafic volcanic wall rock. Traces of pyrite and chalcopyrites are locally observed to be associated. The rock is non to weakly magnetic, non calcareous and non ankeritic. This syenite is also sampled for assay analysis for easier resource calculation. The mafic volcanics comes in and out of the syenite. The lower contact is 10°ca.			30364	31.00	32.50	1.50		
					0.1	30365	32.50	34.00	1.50		
					0.1	30366	34.00	35.50	1.50		
					0.1	30367	35.50	37.00	1.50		
					0.1	30368	37.00	38.50	1.50		
					0.1	30369	38.50	40.00	1.50		
					0.1	30370	40.00	41.70	1.70		
			31.60-31.70: Mafic volcanics. Upper contact is 145°ca while lower contact is 30°ca. Same description as the mafic volcanics above.								
			31.80-31.93: Mafic Volcanics. This rock appears like an inclusion that is connected to the above mafic volcanics. This interval is sliced by a syenite in the middle at 31.86-31.88. The upper contact is 17°ca while the lower contact is 10°ca.								
			32.19-32.42: Mafic Volcanics. Appears like an inclusion because the other half of the core is syenite.								
			37.00-37.63: Mafic Volcanics. The upper and lower contact is oriented at 10°ca.								

DRILL LOG

GEOLOGY				VISUAL		ASSAY RESULTS					
From	To	Code	Comment	Cp %	Py%	Sample	From	To	Length	Au gpt	Cu %
0.25	29.15	MV	Altered Mafic Volcanics		0.1	30337	0.25	1.20	0.95		
			The hole begins in a package of fine grained grayish_ green mafic volcanics intruded by irregular quartz-ankerite veining typical of a syenite.		1.0	30338	1.20	2.40	1.20		
			From the collar to 0.7 m is a pinkish, medium to coarse grained, massive and crystalline, homogenous syenite dyke. Following the above syenite dyke is a rubbly zone up to 2.5 m leading into altered mafic volcanics that has a slightly syenitic appearance due to its pinkish-greyish color		0.5	30339	2.40	3.60	1.20		
			sporadically occurring and irregular secondary quartz-ankerite veins. The unit is lighter in color and alternates between bands of darker greyish and more pinkish material from 0.7 up to 12.77 m and is also mineralize by pyrite disseminations up to 5% in concentration. There is a weak foliation fabric at 15 to 35°ca by which sub parallel syenite veinings also occur. The low angle foliation fabric suggest that we are drilling along the dip of the mafic volcanics which is apparently trending 75 to 85°ca when plotted.		0.1	30340	3.60	4.80	1.20		
			Abundant throughout are dark greyish-green chlorite stringers as well as yellow green sericite stringers anastomosing the unit at various direction like a stockwork or meshwork. Generally trace disseminated pyrite but locally up to 5% in concentrations. The rock is moderately to strongly magnetic, weakly to moderately calcareous and weakly ankeritic. Sub units within this mafic volcanic package is described below. Details of structure measurement are written on the core and could be reviewed in the core pictures of CR-2014-02W.		2.0	30341	4.80	6.00	1.20		
					5.0	30342	6.00	7.20	1.20		
					2.0	30343	7.20	8.40	1.20		
					2.0	30344	8.40	9.60	1.20		
					5.0	30345	9.60	10.80	1.20		
					1.0	30346	10.80	12.00	1.20		
					1.0	30347	12.00	13.20	1.20		
					1.0	30348	13.20	14.40	1.20		
					1.0	30349	14.40	15.60	1.20		
					1.0	30351	15.60	16.80	1.20		
					1.0	30352	16.80	18.00	1.20		
					1.0	30353	18.00	19.20	1.20		
					1.0	30354	19.20	20.40	1.20		
					1.0	30355	20.40	21.60	1.20		
					1.0	30356	21.60	22.80	1.20		
					0.1	30357	22.80	24.00	1.20		
					0.1	30358	24.00	25.20	1.20		
					0.5	30359	25.20	26.20	1.00		
					1.0	30360	26.20	27.20	1.00		
					1.0	30361	27.20	28.20	1.00		
					1.0	30362	28.20	29.20	1.00		
			0.25-0.70: Syenite. Pinkish, medium to coarse grained, massive and crystalline, homogenous syenite dyke. The rock is non to weakly magnetic, non ankeritic and non calcareous. Nil sulphides.☒								
			0.70-3.70: Mafic Volcanics. A rubbly zone up to 2.5 m leading into altered mafic volcanics that has a slightly syenitic appearance due to its pinkish-greyish color sporadically occurring and irregular secondary quartz-ankerite veins. This unit is lighter in color than the previous mafic volcanics intercepted in CR-2014-01W due to the alteration created by the syenite intrusion and possibly hydrothermal fluids that enter the system. There is a concentration of 1% pyrite disseminations within this interval. Chlorite and sericite stringers anastomosing the interval. The rock is moderately to strongly magnetic, weakly ankeritic and weakly calcareous.								
			3.70-5.70: Syenite. These syenite bands and dykes generally have sharp contacts with the mafic volcanics. The solid syenite interval occur at 4.82 to 5.7 m and the rest of the interval have interspersed of small intervals of altered mafic volcanics. This syenite interval have a weak magnetic properties within the syenite but strong magnetic properties if mixed with the mafic volcanics. The pyrite concentrations were localized within the mafic volcanics but nil within the syenite.☒								
			5.77-23.30: Mafic Volcanics. The description of this mafic volcanic interval is quite similar to one uphole except that the shearing is quite stronger here. The interval is sheared controlled as observed on the mm scale quartz ankerite veinings that are folded pygmatically. The shapes of the edges of the veins appears jagged. The pyrite concentrations are recorded on the table to the left. The Syenite veinings have no particular direction but the quartz carbonate veinings seems to be following the weak foliation fabric of 30-40°ca.								
			23.30-24.20: Syenite. This Syenite have the same description as the syenite intercepted from 3.70-5.70.☒								
			24.20-29.15: Mafic Volcanics. There are numerous quartz carbonates veinings anastomosing the unit generally in a 30°ca directions. The pyrites mineralization is trace to 0.5% in abundance. The weak foliation fabric seems to be in the direction of the veinings at 30°ca. The rock is moderately magnetic, non ankeritic and weakly calcareous.								

DRILL LOG

GEOLOGY				VISUAL		ASSAY RESULTS					
From	To	Code	Comment	Cp %	Py%	Sample	From	To	Length	Au gpt	Cu %
0.00	0.25	OVB	Overburden Core recovery was measured to begin at 9.84 in. The driller's block indicate that they placed 10.0 ft. of NW casing because the overburden is really rubbly. NOTE: All the core is systematically tested for pervasive carbonate using dilute hydrochloric acid (HCl) and potassium ferricyanide (KFC). The acid fizzes in contact with calcite and the KFC stains the core blue in the presence of ankerite. In certain areas, the core is tested with a magnet to determine relative magnetite content.								
99.21		EOH	End of hole.								

DOWNHOLE ORIENTATION SURVEYS

Depth	Test	Az	Dip	Type	Comments
35.05	247.4°	236.2°	-60.1°	Multi	
38.10	251.6°	240.4°	-59.9°	Multi	
41.15	246.8°	235.6°	-59.4°	Multi	
44.20	248.9°	237.7°	-59.4°	Multi	
47.24	255.8°	244.6°	-59.2°	Multi	
50.29	262.3°	251.1°	-59.1°	Multi	
53.34	246.7°	235.5°	-59.0°	Multi	
56.39	258.0°	246.8°	-58.9°	Multi	
59.44	258.4°	247.2°	-59.0°	Multi	
62.48	264.5°	253.3°	-59.2°	Multi	
65.53	260.8°	249.6°	-59.0°	Multi	
68.58	270.3°	259.1°	-58.8°	Multi	
71.63	263.4°	252.2°	-58.8°	Multi	
74.68	262.0°	250.8°	-58.6°	Multi	
77.72	262.2°	251.0°	-58.9°	Multi	
80.77	263.8°	252.6°	-58.4°	Multi	
83.82	265.8°	254.6°	-58.9°	Multi	
86.87	258.6°	247.4°	-58.3°	Multi	
89.92	270.5°	259.3°	-58.3°	Multi	
92.96	259.4°	248.2°	-58.2°	Multi	
96.01	264.9°	253.7°	-58.5°	Multi	
0.00	246.9°	246.9°	-60.0°	Collar	
7.62	255.1°	243.9°	-60.0°	Multi	
10.67	258.9°	247.7°	-60.9°	Multi	
13.72	253.2°	242.0°	-60.2°	Multi	
16.76	255.3°	244.1°	-60.1°	Multi	
19.81	250.0°	238.8°	-60.2°	Multi	
22.86	266.8°	255.6°	-60.2°	Multi	
25.91	259.0°	247.8°	-59.8°	Multi	
28.96	250.2°	239.0°	-60.0°	Multi	
32.00	251.8°	240.6°	-59.6°	Multi	

GEOTECHNICAL INFORMATION

From	To	Len	Core	Rec (%)	>10cm	RQD (%)	Breaks
2.3	4.7	2.4	1.4	56	0.9	36	13
4.7	7.8	3.1	3.0	99	2.2	71	10
7.8	10.8	3.1	3.0	99	2.8	93	5
10.8	13.9	3.1	3.0	98	2.2	72	17
13.9	16.9	3.1	3.0	99	2.5	81	13
16.9	20.0	3.1	3.0	98	1.9	63	8
20.0	23.0	3.1	3.0	98	2.4	78	11
23.0	26.1	3.1	3.0	99	3.0	100	4
26.1	29.1	3.1	3.0	97	2.0	65	10
29.1	32.2	3.1	3.0	99	2.4	79	10
32.2	35.2	3.1	3.0	98	2.9	96	4
35.2	38.3	3.1	3.0	98	2.7	89	8
38.3	41.3	3.0	3.0	100	3.0	100	9
41.3	44.4	3.1	3.0	99	1.5	48	10
44.4	47.4	3.1	3.0	99	2.9	95	11
47.4	50.5	3.1	3.0	99	2.9	95	11
50.5	53.6	3.1	3.0	98	2.2	71	15
53.6	56.6	3.0	3.0	100	2.7	90	16
56.6	59.6	3.1	3.0	98	2.3	75	37
59.6	62.7	3.1	3.0	97	2.9	93	25
62.7	65.7	3.1	3.0	97	2.3	76	38
65.7	68.8	3.1	3.0	97	1.4	46	11
68.8	71.8	3.1	3.0	98	2.7	87	30
71.8	74.9	3.1	3.0	99	2.7	87	41
74.9	77.9	3.1	3.0	99	2.7	88	13
77.9	81.0	3.1	3.0	99	2.8	90	18
81.0	84.0	3.1	3.0	98	2.6	84	20
84.0	87.1	3.1	3.0	98	2.8	91	15
87.1	90.1	3.1	3.0	98	2.7	87	14
90.1	93.1	3.0	3.0	99	2.8	92	14
93.1	96.2	3.1	3.0	99	2.5	83	18
96.2	99.2	3.0	3.0	100	2.9	97	7
0.3	2.3	2.0			0.3	17	7

Golden Target Project

Drill Log CR2014-03

COLLAR INFORMATION

Claim: 4276169
Projection: NAD83 17N **Azimuth:** 74.10°
Easting: 539,702.00 m **Dip:** -60.00°
Northing: 5,360,300.00 m **Length:** 102.11 m
Elevation: 369.00 m **Core Size:** NQ

Storage: CanREE explo site

Comments: 0.5%- 3% pyrite concentrations hosted in amphibolite were presumed to be hosting PGE. There is a PGE mark at the table of descriptions where the samples needs to be assayed for PGE.

WORK DONE BY

Work	From	To	Worker	Start	End
Drilling	0.0	102.1	Walker Drilling	2014-Aug-01	Aug-04
Downhole Survey	0.0	102.1	Walker Drilling	2014-Aug-04	Aug-04
Core Logging	0.0	102.1	Ce Shi	2014-Aug-01	Aug-01
Core Logging	0.0	102.1	Dennis Patron	2014-Aug-01	Aug-01

DRILL LOG

GEOLOGY				VISUAL		ASSAY RESULTS					
From	To	Code	Comment	Cp %	Py%	Sample	From	To	Length	Au gpt	Cu %
72.00	102.15	MV	Altered Mafic Volcanics								
			A subtle contact reverts back to altered mafic volcanics intruded by pinkish grey syenite veinings and dykes that comes in and out. Included in this interval are alteration zone surrounding what appear to be sheeted quartz +/-ankerite and pyrite veins. The overall colour is a light greenish buff grey. The most intense alteration is strongly mineralize by pyrite which coincides with the most veins. These veins are generally narrow and at 35-60°ca and oftentimes contorted. A number of narrow veins marked by pyrite mineralization in the selvages appears to be weakly silicified. Most of the upper veins and veinlets are conformable with the foliation fabric at 40-50°ca. Much of the colour change in the whole interval can be attributed to sericite and k-spar alteration. This rock is moderately to strongly magnetic, non to weakly calcareous and weakly ankeritic. Pyrite mineralization range from 1% to locally 10%.								
			The following are the intervals of syenite and their corresponding contact angle to the core axis. The syenite contains trace amounts of pyrite and chalcopyrites.								
			74.16-74.64: 80°ca, 40°ca								
			72.80-73.19: 38°ca								
			73.34-73.42: 50°ca								
			74.16-74.64: 80°ca, 40°ca								
			75.22-75.25: 75°ca, 60°ca								
			75.40-75.52: 79°ca, 130°ca								
			75.59-75.67: 145°ca, 150°ca								
			76.41-76.48: 130°ca								
			77.37-77.97: 45°ca, 54°ca								
			78.00-78.05: 50°ca, 55°ca								
			78.10-78.30: 130°ca, 80°ca								
			78.35-78.47: 50°ca, 90°ca								
			78.51-78.55: 60°ca.								
			78.95-79.10: 45°ca								
			79.80-79.95: 65°ca, 90°ca.								
			80.47-80.62: 50°ca, 20°ca								
			80.66-80.72: 112°ca, 120°ca								
			80.86-81.56: 150°ca, 80°ca								
			81.76-81.82: 120°ca, 70°ca								
			81.84-82.00: 70°ca, 85°ca								
			82.58-83.00: 40°ca								
			83.42-83.44: 90°ca								
			83.93-84.40: 65°ca								

DRILL LOG

GEOLOGY				VISUAL		ASSAY RESULTS					
From	To	Code	Comment	Cp %	Py%	Sample	From	To	Length	Au gpt	Cu %
			84.39-84.42: 60°ca.								
			86.91-87.85: 160°ca, 35°ca.								
			88.97-89.74: 75°ca, 80°ca								
			90.30-90.80: 80°ca, 50°ca								
			92.68-92.78: 36°ca, 30°ca								
			92.91-92.94: 35°ca								
			93.91-94.12: 140°ca, 40°ca								
			95.91-96.82: 25°ca, 35°ca								
			97.91-98.15: 50°ca								
			98.34-98.78: 50°ca, 40°ca								
			98.82-98.84: 50°ca, 55°ca								
			98.88-98.97: 40°ca								
			99.15-99.46: 40°ca, 30°ca.								
42.30	72.00	GB	Fine to Medium Grained Gabbro	0.1		30460	43.35	44.55	1.20		
			The hole reverts back to the kind of gabbro that is a bit similar from the rock intercepted at 20 m depth. It is massive and homogenous. Resulting from a gradationale evolution of overlying unit the rock becomes, medium-dark gray, medium grained, slightly porphyritic plagioclase-amphibole intrusive rock of apparent gabbroic/dioritic composition. This unit is weakly fractured and very competent. The rock is moderately magnetic, non calcareous and non ankeritic. Trace pyrite disseminations. Quartz ankerite veinings is very minimal.	0.1		30461	44.55	45.75	1.20		
				0.1		30462	45.75	46.95	1.20		
				0.1		30463	46.95	48.15	1.20		
				0.1		30464	48.15	49.35	1.20		
				0.1		30465	49.35	50.55	1.20		
				0.1		30466	50.55	51.75	1.20		
				0.1		30467	51.75	52.95	1.20		
				0.1		30468	52.95	54.15	1.20		
				0.1		30469	54.15	55.35	1.20		
				0.1		30470	55.35	56.55	1.20		
				0.1		30471	56.55	57.75	1.20		
				0.1		30472	57.75	58.95	1.20		
				0.1		30473	58.95	60.15	1.20		
				0.1		30474	60.15	61.35	1.20		
				0.1		30476	61.35	62.55	1.20		
				0.1		30477	62.55	63.75	1.20		
				0.1		30478	63.75	64.95	1.20		
						30479	64.95	66.15	1.20		
				0.1		30480	66.15	67.35	1.20		
				0.1		30481	67.35	68.55	1.20		
				0.1		30482	68.55	69.75	1.20		
				0.1		30483	69.75	70.95	1.20		
				0.1		30484	70.95	72.15	1.20		
36.00	42.25	GBFP	Porphyritic Gabbro	0.1		30454	36.15	37.35	1.20		
			A change in texture to coarse grained and porphyritic comes this rock locally termed porphyritic gabbro. This rock have phenocrystic texture and is very competent and weakly fractured giving the core a solid appearance. To this point, the porphyry is light/ medium greyish green/beige coloured with a few large spots of light yellowish grey feldspar phenos 1 cm in diameter. It is finely speckled (4-8%) with pale yellow sericitized ferromagnesian minerals that stand out in a groundmass of faint grey feldspar phenos and dark green fine to medium grained groundmass. The rock is non ankeritic, moderately to strongly magnetic and non calcareous on the groundmass but thin calcite stringers are common revealed by the fizzes it shows when the HCL tester is used. Trace pyrites. Hopefully the REE will kicked in the geochemical analysis.			30455	37.35	38.55	1.20		
				0.1		30456	38.55	39.75	1.20		
				0.1		30457	39.75	40.95	1.20		
				0.1		30458	40.95	42.15	1.20		
				0.1		30459	42.15	43.35	1.20		

DRILL LOG

GEOLOGY				VISUAL		ASSAY RESULTS					
From	To	Code	Comment	Cp %	Py%	Sample	From	To	Length	Au gpt	Cu %
20.30	36.00	GB	Fine to Medium Grained Gabbro A gradational contact over 90 cm comes the fine to medium grained gabbro. The change in texture from very fine grained aphanitic volcanic rock to a medium grained gabbro is subtle. The transition zone from 20.3 to 21.2 m reveals mixed syenite and gabbro (see description below). Following this transition zone is a massive, homogenous and crystalline fine to medium grained gabbro. It is rarely fractured. The rock is strongly magnetic from 20.3 up to 25 m but becomes weakly magnetic from 25 m to 26. Pyrite mineralization is generally trace with some sections revealing 0.5%. The rock is non ankeritic and non calcareous. 20.30-21.20: Transition zone. This interval shows pockets of pinkish syenite occurring at 20.55-20.65, 21.1-21.7. The upper and lower contacts of these syenites are 90°ca and 75°ca respectively. The rock is strongly magnetic, non calcareous and non ankeritic. Trace pyrites.	0.1		30440	20.55	21.75	1.20		
						30441	21.75	22.95	1.20		
						30442	22.95	24.15	1.20		
						30443	24.15	25.35	1.20		
						30444	25.35	26.55	1.20		
						30445	26.55	27.75	1.20		
						30446	27.75	28.95	1.20		
						30447	28.95	30.15	1.20		
						30448	30.15	31.35	1.20		
						30449	31.35	32.55	1.20		
						30451	32.55	33.75	1.20		
						30452	33.75	34.95	1.20		
						30453	34.95	36.15	1.20		
0.15	20.30	MV	Altered Mafic Volcanics The hole is collared into a dark grey, fine grained amphibole rich mafic volcanic. It is called amphibolite by SGS when we send a sample for thin section. The protolith of this rock before metamorphism is probably basalt. This altered mafic volcanics is quite similar to the mafic volcanics intercepted on CR-2014-02W except that the foliation fabric in this hole is high angle to the core axis. This proves our theory that the mafic volcanics is steeply dipping to the west. This drill hole is just located approximately 5 meters east of CR-2014-02W but is still collared on a mafic volcanic syenite package. There is a weak foliation fabric at 50-60°ca by which sub parallel syenite veinings and intrusions also occur. The high angle foliation fabric suggest that we are drilling across the dip of the mafic volcanics which is apparently trending 75 to 85°ca when plotted. Abundant throughout are dark greyish-green chlorite stringers as well as yellow green epidote stringers anastomosing the unit at various direction like a stockwork or meshwork. Generally trace disseminated pyrite but locally up to 5% in concentrations. The rock is moderately to strongly magnetic, weakly to moderately calcareous and weakly ankeritic. Sub units within this mafic volcanic package is described below. The following are the intervals of syenite and their corresponding contact angle to the core axis. The syenite contains trace amounts of pyrite and chalcopyrites. 1.16- 1.30: 155°ca syenite 1.31- 1.38: 80°ca 1.98- 2.04: 45°ca 2.15- 2.18: 60°ca 2.50- 3.95: 30°ca, 105°ca 8.60- 8.75: 90°ca, 30°ca. 9.33- 9.75: 45°ca, 55°ca. 10.49-10.69: 150°ca, 90°ca 11.30-11.76: 25°ca, 40°ca. 12.55-12.65: 35°ca 13.35-13.57: 20°ca, 40°ca 17.88-18.04: 90°ca, 50°ca 18.80-18.83: 120°ca	0.5		30421	0.15	1.35	1.20		
						30422	1.35	2.55	1.20		
						30423	2.55	3.75	1.20		
						30426	3.75	4.95	1.20		
						30427	4.95	6.15	1.20		
						30428	6.15	7.35	1.20		
						30429	7.35	8.55	1.20		
						30430	8.55	9.75	1.20		
						30431	9.75	10.95	1.20		
						30432	10.95	12.15	1.20		
						30433	12.15	13.35	1.20		
						30434	13.35	14.55	1.20		
						30435	14.55	15.75	1.20		
						30436	15.75	16.95	1.20		
						30437	16.95	18.15	1.20		
						30438	18.15	19.35	1.20		
						30439	19.35	20.55	1.20		
0.00	0.15	OVB	Overburden Core recovery was measured to begin at 6 inches. The driller's indicate that they placed 3.05 m (10.0 ft) of NW casing. NOTE: All the core is systematically tested for pervasive carbonate using dilute hydrochloric acid (HCl) and potassium ferricyanide (KFC). The acid fizzes in contact with calcite and the KFC stains the core blue in the presence of ankerite. In certain areas, the core is tested with a magnet to determine relative magnetite content.								

102.11 EOH End of hole.

DOWNHOLE ORIENTATION SURVEYS

Depth	Test	Az	Dip	Type	Comments
0.00	74.1°	74.1°	-60.0°	Collar	
16.76	100.8°	89.6°	-59.6°	Multi	
19.81	86.1°	74.9°	-59.9°	Multi	
22.86	88.7°	77.5°	-59.8°	Multi	
25.91	90.5°	79.3°	-60.0°	Multi	
28.96	86.3°	75.1°	-60.1°	Multi	
32.00	84.5°	73.3°	-60.0°	Multi	
35.05	82.7°	71.5°	-59.9°	Multi	
38.10	80.2°	69.0°	-59.8°	Multi	
41.15	83.9°	72.7°	-60.0°	Multi	
44.20	81.7°	70.5°	-59.4°	Multi	
47.24	83.0°	71.8°	-59.6°	Multi	
50.29	82.8°	71.6°	-59.5°	Multi	
53.34	81.6°	70.4°	-59.2°	Multi	
56.39	80.2°	69.0°	-59.1°	Multi	
59.44	80.8°	69.6°	-59.3°	Multi	
62.48	80.6°	69.4°	-59.0°	Multi	
65.53	82.3°	71.1°	-59.4°	Multi	
68.58	81.2°	70.0°	-58.8°	Multi	
71.63	84.9°	73.7°	-59.3°	Multi	
74.68	83.7°	72.5°	-59.3°	Multi	
77.72	104.6°	93.4°	-58.9°	Multi	
80.77	89.7°	78.5°	-58.6°	Multi	
83.82	91.5°	80.3°	-59.0°	Multi	
86.87	92.3°	81.1°	-58.5°	Multi	
89.92	88.1°	76.9°	-58.4°	Multi	
92.96	92.5°	81.3°	-58.2°	Multi	
96.01	91.3°	80.1°	-58.6°	Multi	
99.06	84.5°	73.3°	-58.2°	Multi	

GEOTECHNICAL INFORMATION

From	To	Len	Core	Rec (%)	>10cm	RQD (%)	Breaks
0.2	0.6	0.5	0.5	100	0.0	0	1
0.6	1.7	1.1	1.1	99	0.7	66	7
1.7	3.2	1.5	1.5	99	0.8	53	4
3.2	4.7	1.5	1.5	95	0.4	26	10
4.7	7.8	3.1	3.0	98	1.8	60	14
7.8	10.8	3.1	3.0	98	1.8	60	8
10.8	13.9	3.1	3.0	100	2.8	92	2
13.9	16.9	3.1	3.0	99	2.5	81	2
16.9	20.0	3.1	3.0	98	2.2	72	16
20.0	23.0	3.1	3.0	99	2.4	80	13
23.0	26.1	3.0	3.0	99	2.0	65	19
26.1	29.1	3.1	3.0	98	2.0	64	11
29.1	32.2	3.0	3.1	100	2.9	96	6
32.2	35.2	3.1	3.0	100	2.9	96	11
35.2	38.3	3.1	3.0	99	2.7	89	21
38.3	41.3	3.1	3.0	99	2.6	86	14
41.3	44.4	3.1	3.0	99	2.6	86	27
44.4	47.4	3.1	3.0	99	2.5	81	25
47.4	50.5	3.1	3.0	98	1.8	59	47
50.5	53.5	3.1	3.0	99	2.9	95	37
53.5	56.6	3.0	3.0	99	2.7	88	11
56.6	59.6	3.1	3.0	100	2.9	95	13
59.6	62.7	3.1	3.0	98	2.0	65	36
62.7	65.7	3.1	3.0	98	2.5	82	32
65.7	68.8	3.1	3.1	100	3.1	100	16
68.8	71.8	3.1	3.0	99	2.6	85	27
71.8	74.9	3.1	3.0	99	2.5	82	23
74.9	77.9	3.1	3.0	100	2.8	90	12
77.9	81.0	3.0	3.0	100	2.5	84	12
81.0	84.0	3.0	3.0	99	2.7	89	17
84.0	87.0	3.1	3.0	99	2.8	91	17
87.0	90.1	3.1	3.1	100	3.1	100	8
90.1	93.2	3.1	3.0	98	2.9	93	12
93.2	96.2	3.0	3.0	99	2.3	77	17
96.2	99.2	3.1	3.0	97	1.8	59	33
99.2	102.1	2.9	2.9	99	2.1	74	25

Golden Target Project

Drill Log CR2014-04

COLLAR INFORMATION

Claim: 4273175
Projection: NAD83 17N **Azimuth:** 265.40°
Easting: 539,691.00 m **Dip:** -60.00°
Northing: 5,360,100.00 m **Length:** 153.01 m
Elevation: 380.00 m **Core Size:** NQ

Storage: CanREE explo site

Comments: Drill Machine brakes down after pulling the last rod. 0.5%- 3% pyrite concentrations hosted in amphibolite were presumed to be hosting PGE. There is a PGE mark at the table of descriptions where the samples needs to be assayed for PGE.

WORK DONE BY

Work	From	To	Worker	Start	End
Drilling	0.0	153.0	Walker Drilling	2014-Aug-05	Aug-15
Downhole Survey	0.0	153.0	Walker Drilling	2014-Aug-15	Aug-15
Core Logging	0.0	153.0	Ce Shi	2014-Aug-08	Aug-08
Core Logging	0.0	153.0	Dennis Patron	2014-Aug-08	Aug-08

DRILL LOG

GEOLOGY				VISUAL		ASSAY RESULTS					
From	To	Code	Comment	Cp %	Py%	Sample	From	To	Length	Au gpt	Cu %
134.00	153.05	GBFP	Porphyritic Gabbro The grains and texture becomes coarser but the rock unit is still the same as above. A distinct change to a phenocrystic texture that is very competent and weakly fractured giving the core a solid appearance. The porphyry is light/ medium greyish green/beige coloured with a few large spots of light yellowish grey feldspar phenos 1 cm in diameter. It is finely speckled (4-8%) with pale yellow sericitized ferromagnesian minerals that stand out in a groundmass of faint grey feldspar phenos and dark green fine to medium grained groundmass. The rock is weakly to moderately ankeritic, moderately to strongly magnetic and non calcareous on the groundmass but thin calcite stringers are common revealed by the fizzes it shows when the HCL tester is used. Trace pyrites.	0.1		32074	134.80	136.00	1.20		
				0.1		32076	136.00	137.20	1.20		
				0.1		32077	137.20	138.40	1.20		
				0.1		32078	138.40	139.60	1.20		
				0.1		32079	139.60	140.80	1.20		
						32080	140.80	142.00	1.20		
				0.1		32081	142.00	143.20	1.20		
				0.1		32082	143.20	144.40	1.20		
				0.1		32083	144.40	145.60	1.20		
				0.1		32084	145.60	146.80	1.20		
				0.1		32085	146.80	148.00	1.20		
				0.1		32086	148.00	149.20	1.20		
				0.1		32087	149.20	150.40	1.20		
				0.1		32088	150.40	151.60	1.20		
				0.1		32089	151.60	153.05	1.45		
111.50	134.00	GB	Fine to medium Grained Gabbro A gradational subtle contact over 50 cm comes this fine to medium grained gabbro. Through a gradational contact, the hole rolls into typical gabbro that I am expecting to intercept to the west which I mapped at the surface. It is fine to medium grained, massive, homogenous and salt and pepper textured, the overall medium grey green colour formed from 30- 50% dark green coloured altered ferromagnesian in a fine grained, yellowish buff feldspathic groundmass. About 35% of the gabbroic unit is amphibolitized to a dark greenish grey/ black colour and fine to medium grain size, the thickest of which extends up to 134m, and exits gradually into a coarser grained, salt and peppery phase of the gabbro. The rock is moderately magnetic, non calcareous and moderately ankeritic. Veining in this gabbroic unit is very minimal and pyrite mineralization is trace to nil. Calcite occurs strictly on fracture fillings only.	0.1		32055	112.00	113.20	1.20		
				0.1		32056	113.20	114.40	1.20		
				0.1		32057	114.40	115.60	1.20		
				0.1		32058	115.60	116.80	1.20		
				0.1		32059	116.80	118.00	1.20		
				0.1		32060	118.00	119.20	1.20		
				0.1		32061	119.20	120.40	1.20		
				0.1		32062	120.40	121.60	1.20		
				0.1		32063	121.60	122.80	1.20		
				0.1		32064	122.80	124.00	1.20		
				0.1		32065	124.00	125.20	1.20		
				0.1		32066	125.20	126.40	1.20		
				0.1		32067	126.40	127.60	1.20		
				0.1		32068	127.60	128.80	1.20		
				0.1		32069	128.80	130.00	1.20		
				0.1		32070	130.00	131.20	1.20		
				0.1		32071	131.20	132.40	1.20		
				0.1		32072	132.40	133.60	1.20		
				0.1		32073	133.60	134.80	1.20		

DRILL LOG

GEOLOGY				VISUAL		ASSAY RESULTS					
From	To	Code	Comment	Cp %	Py%	Sample	From	To	Length	Au gpt	Cu %
96.10	111.50	MV	Mafic Volcanics		0.1	32040	97.20	98.40	1.20		
			A sharp contact of 22°ca comes this fine grained unit, dark to medium greenish grey, weakly foliated mafic volcanics. The foliation varies from 15°ca to 25°ca that's why we are not 100% of the exact attitude of this mafic volcanics. Chlorite-bearing, heterogeneous, interbeds of primarily dark green and grey mafic volcanics. Pale grey flow with dark green to black amphibole phenocrysts (very similar to the MI unit above-this may be extrusive equivalent?). Several massive aphanitic (the smaller dismembered examples) and finely feldspar-porphyrific dikes cut this unit and described separately below. The mafic volcanic rocks are moderately foliated, moderately to strongly magnetic, non calcareous and non ankeritic, and weakly pyrite mineralized (trace to 0.5%) typically within the fabric. Where fabric development is strongest pyrite mineralization is more abundant (up to 2% over 5-20cm). A strongly mineralized section is described below and included in this interval.		0.1	32041	98.40	100.00	1.60		
					0.5	32042	100.00	101.20	1.20		
					2.0	32043	101.20	102.20	1.00		
					2.0	32044	102.20	103.20	1.00		
					5.0	32045	103.20	104.20	1.00		
					10.0	32046	104.20	105.20	1.00		
					2.0	32047	105.20	106.20	1.00		
					2.0	32048	106.20	107.20	1.00		
					0.5	32051	107.20	108.40	1.20		
					0.1	32052	108.40	109.60	1.20		
					0.1	32053	109.60	110.80	1.20		
					0.1	32054	110.80	112.00	1.20		
			102.20-107.00: Mineralized Zone. This interval is strongly mineralized by sulphides chiefly pyrites and traces of chalcopyrite. The concentrations of pyrite ranges from 2% to up to 10%. The pyrites are locally euhedral but commonly anhedral. Within this mineralized zone is pinkish syenite intrusive that contains several mineralized mafic volcanics inclusions. The syenite groundmass contains no sulphides which means that the syenite is younger. The interval of syenite is at 102.5- 103.45. There is a foliation fabric that trends 25°ca on this mineralized zone.								
			The following syenite intervals within this mafic volcanics and their corresponding upper and lower contacts are:								
			97.80-100.19: 25°ca, 140°ca								
			100.26-100.44: 30°ca, 50°ca								
			100.75-100.95: 50°ca, 110°ca								
			101.40-101.70: 65°ca, 55°ca.								
			101.80-102.00: 20°ca, 130°ca.								
			102.50-103.45: 50°ca, 120°ca.								
78.70	96.10	MI	Mafic Intrusive		2.0	32023	78.70	80.00	1.30		
			A sharp contact of 115°ca comes this mafic intrusive probably amphibolite. Greenish grey, granular porphyritic rock with distinctive medium to coarse grained, locally euhedral, needles of amphibole phenocrysts. I call it a mafic intrusive for consistency purpose and base on the thin section of a sample sent to SGS that looks like this. Strain throughout the interval varies from slightly foliated with a weak alignment of the amphibole phenocrysts to moderately sheared with strung out almost indistinguishable phenocrysts at 50°ca. This unit magnetic property varies from weak to moderate. The rock is non calcareous but moderately ankeritic. Pyrite is limited to trace, very fine disseminations. Coarse feldspar phenos 1 cm in diameter is commonly associated. In fact, in one of the inclusions within the syenite dyke at 88.4m depth the coarse pheldspar phenos are cluster together appearing like a pegmatite. A reddish rock, feldspar porphyritic dike which I refer in this camp as syenite intrudes this mafic intrusive. The dike margins are sharp but no particular direction and lacking in contact metamorphic aureole. It comes in and out in just centimetric scale. Chunks of mafic intrusive inclusions are usually associated with the syenite. Measurement of each syenite intrusive that comes in and out was not recorded but can be seen in the pictures of the core at this interval. The only syenite dyke that I measured is towards the lower contact which is described below.		0.1	32026	80.00	81.20	1.20		
					0.1	32027	81.20	82.40	1.20		
					0.1	32028	82.40	83.60	1.20		
					0.1	32029	83.60	84.80	1.20		
					0.1	32030	84.80	86.00	1.20		
					1.0	32031	86.00	87.20	1.20		
					1.0	32032	87.20	88.40	1.20		
					0.1	32033	88.40	89.60	1.20		
						32034	89.60	90.80	1.20		
					0.5	32035	90.80	92.00	1.20		
					0.1	32036	92.00	93.20	1.20		
					0.1	32037	93.20	94.40	1.20		
					0.1	32038	94.40	96.00	1.60		
					1.0	32039	96.00	97.20	1.20		
			93.64-96.10: Syenite. Pinkish, coherent porphyritic dike with abundant (30%), rounded, translucent grey phenocrysts (3-5mm). This unit massive, homogenous, and crystalline, competent and rarely fractured. Dull greyish pyrite is very weakly disseminated throughout the unit (trace). The upper contact is arbitrary but the lower contact is sharp at 22°ca.								

DRILL LOG

GEOLOGY				VISUAL		ASSAY RESULTS					
From	To	Code	Comment	Cp %	Py%	Sample	From	To	Length	Au gpt	Cu %
27.45	78.70	SY	Syenite A sharp contact of 30°ca comes this pinkish, medium grained, massive and homogenous, locally porphyritic syenite dyke. Just a few samples collected, only on greenstones that measured more than one meter length. Occasionally visible are waxy-greyish-green phenocrysts, 1-4mm, up to 5% in local areas. These phenocrysts seem to appear and disappear. The core moves to a brick-reddish orange syenite that is slightly different from other syenites seen in this hole due to its brighter color, thought to be the result of feldspar alteration. The upper contact consists of a contact zone (described above). It is medium to coarse grained in areas, with large (1-3mm) quartz and mafic grains visible, 7%, although these are not believed to be phenocrysts but rather primary minerals. In more fresher areas, 1-2mm rounded, whitish feldspar grains are observed. Trace disseminated pyrite throughout. The rock is generally non to weakly ankeritic but there are intervals which register a dark blue tint on the rock when KFC was applied. The phenos of these strongly ankeritic portions were probably overprinted by ankerite alteration. The unit is generally non calcareous and non magnetic.								
			31.00-31.40: Mafic Volcaniclastics. Stretched mafic volcanic clasts, angular. Non to weakly magnetic								
			32.00-32.62: Mafic volcaniclastics. Stretched mafic angular fragments at 15°ca fabric Non to weakly magnetic.								
			34.50-35.20: Mafic volcaniclastic. Same as above except that the fragments here is larger than above. Non to weakly magnetic.								
			37.00-38.27: Mafic Intrusive. Dark green, porphyritic mafic intrusive. Trace pyrite, non ankeritic, non magnetic, non calcareous.								
			41.23-42.15: Mafic Volcanics. Fine Grained, dark green mafic volcanics. Non ankeritic, non to weakly calcareous and non magnetic.								
			43.05-43.33: Mafic Volcanics. Fine Grained, dark green mafic volcanics. Non ankeritic, non to weakly calcareous and non magnetic.								
			43.60-43.94: Mafic Volcanics. This mafic volcanics contain narrow quartz ankerite veinings. Trace pyrite. Non magnetic, non calcareous and non ankeritic								
			48.70-49.02: Mafic volcaniclastics. Stretched mafic angular fragments at 15°ca fabric Non to weakly magnetic.								
22.50	27.45	UNK	Contact Zone This rock is quite similar to the one uphole from the collar. The interval shows a mixed fine to medium grained phase of the medium/ dark green coloured early amphibolite (?) or mafic volcanics inclusions that may represent a zone that is near the wallrock. The characteristic of this section is that the ratio of the mafic volcanics and the syenite is almost 50:50. Sampling is done on this section across the mixed rocks and not selective sampling. The contact angles were observed to be low dipping which suggest that drilling is along the dip. There is short section of pyrite mineralization occurring at 22.5m to 23.0 m having 2% modal percentage.	2.0		32018	22.50	23.70	1.20		
				0.5		32019	23.70	24.90	1.20		
				0.5		32020	24.90	26.10	1.20		
						32021	26.10	27.45	1.35		
16.60	22.50	SY	Syenite A fairly sharp contact of 150°ca with the contact zone above marks the beginning of a syenite. This syenite is greyish pink in colour and medium grained. The unit medium grained, massive and homogenous, locally porphyritic. Trace pyrite. The rock is non ankeritic, non magnetic and non calcareous. It is very competent. No sample was collected on this syenite dyke.								
						41304	16.60	17.80	1.20		
						41305	17.80	19.00	1.20		
						41306	19.00	20.20	1.20		
						41307	20.20	21.40	1.20		
						41308	21.40	22.50	1.10		

DRILL LOG

GEOLOGY				VISUAL		ASSAY RESULTS					
From	To	Code	Comment	Cp %	Py%	Sample	From	To	Length	Au gpt	Cu %
12.10	16.60	MVBX	Mafic Volcaniclastic Another sharp contact of 30°ca comes the mafic volcanics. This unit appears like a volcaniclastics shown by the stretched fragments. The fabric is low angle suggesting that we are drilling along the dip of a steeply dipping volcanic flow. The rock generally is fine grained but in places has a granular appearance where mixing with syenitic dykes occurs. It is characterized by a greyish-green colour globules or subangular clasts in a matrix dark greenish matrix. The globules or clasts range in size from 3-15mm and are subangular. They are usually outlined by a dark chloritic material. Trace pyrites. The rock is non ankeritic, weakly to non calcareous and non magnetic.	0.5		32015	13.20	14.40	1.20		
				0.5		32016	14.40	15.60	1.20		
				0.5		32017	15.60	16.60	1.00		
7.90	12.10	SY	Syenite A fairly sharp contact of 150°ca with the contact zone above marks the beginning of a syenite. This syenite is greyish pink in colour and medium grained. The unit medium grained, massive and homogenous, locally porphyritic. Trace pyrite. The rock is non ankeritic, non magnetic and non calcareous. It is very competent. No sample was collected on this syenite dyke.			41301	8.00	9.30	1.30		
						41302	9.30	10.60	1.30		
						41303	10.60	12.00	1.40		
				0.5		32014	12.00	13.20	1.20		
2.13	7.90	UNK	Contact Zone This hole is collared over what appears to be a contact zone between the mafic volcanic wallrock and a syenite. This zone consists of fine grained, blackish matrix hosting angular clasts of syenite from the surrounding walls. The dark greyish matrix material flows in and out of this interval. Silvery and yellowish flecks of unknown minerals are present on the core. The rims of the angular clasts shows 0.5% pyrite mineralization. The rock is non-magnetic, non-calcareous and non ankeritic. The sizes of clast of angular mafic volcanics range from 2 cm to 10 cm. The rock is competent and rarely fractured. The fabric appears to be at 20- to 30°ca. Long interval of sampling was collected just to confirm the presence of trace REE and other metals.			41933	3.50	5.00	1.50		
				0.5		32012	5.00	6.50	1.50		
				0.5		32013	6.50	8.00	1.50		
0.00	1.93	OVB	Overburden Core recovery was measured to begin at 1.93 m'. The driller's block indicate that they placed 10.0 ft (3.04 m.) of NW casing. NOTE: All the core is systematically tested for pervasive carbonate using dilute hydrochloric acid (HCl) and potassium ferricyanide (KFC). The acid fizzes in contact with calcite and the KFC stains the core blue in the presence of ankerite. In certain areas, the core is tested with a magnet to determine relative magnetite content.								
153.01		EOH	End of hole.								

DOWNHOLE ORIENTATION SURVEYS

Depth	Test	Az	Dip	Type	Comments
0.00	265.4°	265.4°	-60.0°	Collar	
8.23	277.4°	266.2°	-58.4°	Multi	
11.28	277.9°	266.7°	-58.3°	Multi	
14.33	275.0°	263.8°	-58.8°	Multi	
17.37	268.0°	256.8°	-58.5°	Multi	
20.42	278.4°	267.2°	-58.1°	Multi	
23.47	279.2°	268.0°	-57.9°	Multi	
26.52	276.9°	265.7°	-58.1°	Multi	
29.57	277.3°	266.1°	-58.1°	Multi	
32.61	274.4°	263.2°	-58.1°	Multi	
35.66	274.3°	263.1°	-58.0°	Multi	
38.71	277.2°	266.0°	-57.3°	Multi	
41.76	276.0°	264.8°	-57.6°	Multi	
44.81	277.4°	266.2°	-57.3°	Multi	
47.85	277.8°	266.6°	-57.3°	Multi	
50.90	276.9°	265.7°	-57.7°	Multi	
53.95	279.0°	267.8°	-57.0°	Multi	
57.00	277.0°	265.8°	-57.5°	Multi	
60.05	278.3°	267.1°	-57.1°	Multi	
63.09	278.6°	267.4°	-56.7°	Multi	
66.14	278.5°	267.3°	-56.6°	Multi	
69.19	277.8°	266.6°	-56.6°	Multi	
72.24	278.5°	267.3°	-56.5°	Multi	
75.29	277.7°	266.5°	-56.9°	Multi	
78.33	278.0°	266.8°	-56.6°	Multi	
81.38	268.1°	256.9°	-56.7°	Multi	
84.43	261.4°	250.2°	-56.5°	Multi	
87.48	277.1°	265.9°	-56.3°	Multi	
90.53	274.6°	263.4°	-56.5°	Multi	
93.57	275.6°	264.4°	-56.2°	Multi	
96.62	276.3°	265.1°	-56.4°	Multi	
99.67	275.6°	264.4°	-56.1°	Multi	
102.72	272.5°	261.3°	-56.1°	Multi	
105.77	274.9°	263.7°	-56.2°	Multi	
108.81	271.1°	259.9°	-55.8°	Multi	
111.86	276.4°	265.2°	-55.4°	Multi	
114.91	276.5°	265.3°	-55.3°	Multi	
117.96	276.1°	264.9°	-55.2°	Multi	
121.01	275.6°	264.4°	-55.4°	Multi	
124.05	274.8°	263.6°	-55.4°	Multi	
127.10	274.4°	263.2°	-55.5°	Multi	
130.15	276.4°	265.2°	-55.0°	Multi	
133.20	278.2°	267.0°	-54.8°	Multi	
136.25	278.4°	267.2°	-55.0°	Multi	
139.29	275.8°	264.6°	-54.7°	Multi	
142.34	275.2°	264.0°	-54.7°	Multi	
145.39	275.3°	264.1°	-54.5°	Multi	
148.44	275.8°	264.6°	-54.5°	Multi	

GEOTECHNICAL INFORMATION

From	To	Len	Core	Rec (%)	>10cm	RQD (%)	Breaks
1.9	2.1	0.2	0.2	100	0.0	0	4
2.1	3.7	1.5	1.5	98	0.9	57	15
3.7	5.2	1.5	1.5	100	1.5	100	7
5.2	8.2	3.1	3.0	98	2.4	78	20
8.2	11.3	3.1	3.0	98	1.8	57	25
11.3	14.3	3.1	3.0	99	2.0	66	41
14.3	17.4	3.1	3.0	99	2.5	80	22
17.4	20.4	3.1	3.1	100	3.1	100	8
20.4	23.5	3.1	3.0	97	1.8	60	27
23.5	26.5	3.0	3.0	100	2.9	95	13
26.5	29.6	3.1	3.0	100	2.5	83	6
29.6	32.6	3.1	3.0	98	2.7	87	14
32.6	35.7	3.1	3.1	100	2.9	96	10
35.7	38.7	3.1	3.0	100	2.7	88	11
38.7	41.8	3.1	3.0	99	2.3	76	21
41.8	44.8	3.1	3.0	99	2.6	86	14
44.8	47.9	3.1	3.0	99	1.8	57	27
47.9	50.9	3.0	3.0	100	2.4	80	25
50.9	54.0	3.1	3.0	99	2.4	77	8
54.0	57.0	3.1	3.0	99	2.3	74	13
57.0	60.1	3.1	3.1	100	2.9	94	2
60.1	63.1	3.1	3.0	100	1.8	59	8
63.1	66.2	3.1	3.0	99	2.2	72	16
66.2	69.2	3.1	3.0	99	2.4	78	4
69.2	72.3	3.1	3.0	98	0.6	19	28
72.3	75.3	3.1	3.0	99	2.2	73	11
75.3	78.4	3.1	3.0	100	2.5	83	3
78.4	81.4	3.1	3.0	100	2.7	88	3
81.4	84.5	3.1	3.0	99	2.5	83	3
84.5	87.5	3.1	3.0	98	2.7	89	4
87.5	90.6	3.1	3.0	99	2.3	77	2
90.6	93.6	3.1	3.1	100	2.3	77	6
93.6	96.7	3.1	3.0	99	2.8	93	3
96.7	99.7	3.1	3.0	98	2.2	72	9
99.7	102.8	3.1	3.0	97	2.5	81	10
102.8	105.8	3.1	3.0	98	2.8	92	0
105.8	108.9	3.1	3.0	99	1.8	59	7
108.9	111.9	3.1	3.0	99	2.0	66	13
111.9	115.0	3.1	3.0	99	2.3	76	14
115.0	118.0	3.1	3.0	98	1.7	57	13
118.0	121.1	3.1	3.0	100	2.4	79	7
121.1	124.1	3.1	3.1	100	3.0	99	6
124.1	127.2	3.1	3.0	100	2.8	92	6
127.2	130.2	3.1	3.0	99	2.5	83	5
130.2	133.2	3.0	3.0	100	2.7	90	13
133.2	136.3	3.1	3.0	99	2.7	89	19
136.3	139.3	3.0	3.0	100	2.9	96	16
139.3	142.4	3.1	3.0	99	1.2	40	19
142.4	145.4	3.0	3.0	100	2.9	96	7
145.4	148.5	3.1	3.0	100	2.9	96	8
148.5	151.5	3.1	3.1	100	3.1	100	5
151.5	153.1	1.5	1.5	100	1.5	99	4

Golden Target Project

Drill Log CR2014-05

COLLAR INFORMATION

Claim: 4273194
Projection: NAD83 17N **Azimuth:** 87.20°
Easting: 539,703.00 m **Dip:** -60.00°
Northing: 5,360,095.00 m **Length:** 99.36 m
Elevation: 360.00 m **Core Size:** NQ

Storage: CanREE explo site

Comments: The drill just broke down right after setting up. Sampling was done up to 96.60 only leaving 3 meters of feldspar porphyry unsampled.

WORK DONE BY

Work	From	To	Worker	Start	End
Drilling	0.0	99.4	Walker Drilling	2014-Aug-16	Aug-23
Downhole Survey	0.0	99.4	Walker Drilling	2014-Aug-23	Aug-23
Core Logging	0.0	99.4	Dennis Patron	2014-Aug-21	Aug-21

DRILL LOG

GEOLOGY				VISUAL		ASSAY RESULTS					
From	To	Code	Comment	Cp %	Py%	Sample	From	To	Length	Au gpt	Cu %
94.90	99.39	MVSY	Mafic Volcanics/Syenite package The contact of the above gabbro and this mafic volcanic package seems subtle. Distinguishable only on the grain size. This unit is finer grained than above and the plagioclase seems to disappear at the mafic volcanics. Feldspar porphyry seems to cut into the volcanic package at 60°ca. Below is the short description of the felsic dykes. Trace pyrites. 96.65-97.40: Feldspar Porphyry. This unit have sharp upper and lower contacts at 60°ca. The unit is porphyritic, coherent, felsic intrusive rock. It is pinkish, medium grained, massive, homogenous and crystalline. The size and abundance of phenocrysts appears to vary considerably. 97.96-98.70: Feldspar Porphyry. This unit have sharp upper and lower contacts at 60°ca. The unit is porphyritic, coherent, felsic intrusive rock. It is pinkish, medium grained, massive, homogenous and crystalline. The size and abundance of phenocrysts appears to vary considerably.	0.1		32311	95.40	96.60	1.20		
						41930	96.60	98.20	1.60		
						41931	98.20	99.20	1.00		
75.00	94.90	GB	Fine to Medium Grained Gabbro The core reverts back to the gabbro zone which we are considering as the host of our Scandium and Yttrium. The rock contains 0.5% of yellowish and silvery metallic flecks which we think are not pyrite nor chalcopyrites but probably one of those REE's. The assay results will reveal our gut feel anyways. The rock is similar as that uphole description of the Fine to Medium Grained Gabbro. It contains 30% plagioclase and pyroxene/amphiboles package. It is fine to medium grained, massive, homogenous and salt and pepper textured, the overall medium grey green colour formed from 30- 50% dark green coloured altered ferromagnesians in a fine grained groundmass. About 35% of the gabbroic unit is amphibolitized to a dark greenish grey/ black colour and fine to medium grain size. The rock is moderately magnetic, non calcareous and weakly ankeritic. Veining in this gabbroic unit is very minimal and pyrite mineralization is trace to nil. Calcite occurs strictly on fracture fillings only which seldomly occurs.	0.1		32143	75.00	76.20	1.20		
				0.1		32144	76.20	77.40	1.20		
				0.1		32145	77.40	78.60	1.20		
				0.1		32146	78.60	79.80	1.20		
				0.1		32147	79.80	81.00	1.20		
				0.1		32148	81.00	82.20	1.20		
				0.1		32149	82.20	83.40	1.20		
						32301	83.40	84.60	1.20		
				0.1		32302	84.60	85.80	1.20		
				0.1		32303	85.80	87.00	1.20		
				0.1		32304	87.00	88.20	1.20		
				0.1		32305	88.20	89.40	1.20		
				0.1		32306	89.40	90.60	1.20		
				0.1		32307	90.60	91.80	1.20		
				0.1		32308	91.80	93.00	1.20		
				0.1		32309	93.00	94.20	1.20		
				0.1		32310	94.20	95.40	1.20		

DRILL LOG

GEOLOGY				VISUAL		ASSAY RESULTS					
From	To	Code	Comment	Cp %	Py%	Sample	From	To	Length	Au gpt	Cu %
55.50	75.00	AMSY	Syenite/Amphibolite Package		0.1	32135	55.60	56.80	1.20		
			A change in texture, grain size and color comes another package which is dominated by Syenite. It is pinkish with stripes of greenish amphibolite intrusions, porphyritic, massive rock of felsic composition in intrusion into previous unit. Local presence of chloritic angular volcanic fragments of size varying from millimetric to centimetric. Characterized by up to 15% millimetric often euhedral feldspars supported by a fine grained matrix. potassic alteration affect many of the feldspars. Few calcite filling veinlets are cut. The rock is non to weakly magnetic unit with a clear upper and lower contact noted at 55°ca. Trace of thinly disseminated Py noted along unit. Its actually a mixed unit by which the pinkish rocks were described below.		0.1	32136	56.80	58.00	1.20		
					0.1	32137	58.00	59.20	1.20		
					0.1	32138	59.20	60.50	1.30		
						41918	60.50	61.60	1.10		
						41919	61.60	62.70	1.10		
						41920	62.70	63.80	1.10		
						41921	63.80	64.90	1.10		
					0.1	32139	64.90	66.10	1.20		
						32140	66.10	67.30	1.20		
					0.1	32141	67.30	68.50	1.20		
					0.1	32142	68.50	69.70	1.20		
						41922	69.70	70.90	1.20		
			60.50-64.90: Feldspar Porphyry. This unit have sharp upper and lower contacts at 60°ca. The unit is porphyritic, coherent, felsic intrusive rock. It is pinkish, medium grained, massive, homogenous and crystalline. The size and abundance of phenocrysts appears to vary considerably.			41923	70.90	72.10	1.20		
						41927	72.10	73.30	1.20		
						41928	73.30	74.20	0.90		
						41929	74.20	75.00	0.80		
			67.95-68.60: Syenite. This unit is not as phenocrystic as above. More mafic grains are present and more greenish wallrock inclusions are observed. The rock is non ankeritic, non calcareous and non magnetic.								
			69.77-74.90: Syenite. This unit is same as above except as it has a longer interval. The mafic intrusive inclusions are 10%. The rock is also non to weakly magnetic, non ankeritic, and non calcareous. Trace pyrites. No sample was taken from this interval.								
44.80	55.50	MVSY	Mafic Volcanics/Syenite package			32126	44.80	46.00	1.20		
			The core enters a package that grades into a mixed zone consisting mainly of mafic volcanics presumed to be a flow, which composes approximately 60% of this unit and the rest are syenite. The mafic volcanics is weakly foliated at 30°ca, with the foliations defined by planes of medium grained pinkish matrix material and blackish wispy chlorite stringers. This zone consists of fine grained, blackish matrix hosting angular clasts of syenite from the surrounding walls. The dark greyish matrix material flows in and out of this interval. No significant mineralization is associated with this zone. The rock is non-magnetic, non-calcareous and non ankeritic. The sizes of clast of angular mafic volcanics range from 2 cm to 10 cm.		0.1	32127	46.00	47.20	1.20		
					0.1	32128	47.20	48.40	1.20		
					0.1	32129	48.40	49.60	1.20		
					0.1	32130	49.60	50.80	1.20		
					0.1	32131	50.80	52.00	1.20		
					0.1	32132	52.00	53.20	1.20		
					0.1	32133	53.20	54.40	1.20		
					0.1	32134	54.40	55.60	1.20		

DRILL LOG

GEOLOGY				VISUAL		ASSAY RESULTS					
From	To	Code	Comment	Cp %	Py%	Sample	From	To	Length	Au gpt	Cu %
3.80	44.80	GB	Fine to medium grained Gabbro A sharp contact of 60°ca defined by a change in color and texture from pinkish to dark green comes the zone hosting the scandium and uttrium. This is a gabbro. It is fine to medium grained, massive, homogenous, dark/ medium greyish green coloured, containing millimetric, dark green, amphibole/pyroxene grains and crystals in a fine grained groundmass. Quartz veining is negligible but if present is usually mm thick and has no definite orientation. The rock is moderately magnetic, non ankeritic and non calcareous. It is competent and rarely fractured. If fractures are generally coated by chlorite and was counted individually in the RQD page. Only trace pyrite (Py) crystals were noted scattered through the matrix and along fractures. There are however silvery and yellowish metallic luster grains that is approximately 0.5% that is associated which we hope to be part of the REE package. Some silvery specks were noticed to be attached to the pyroxene and plagioclase. The lower contact is also sharp at 60°ca.	0.1		32090	4.00	5.20	1.20		
				0.1		32091	5.20	6.40	1.20		
				0.1		32092	6.40	7.60	1.20		
				0.1		32093	7.60	8.80	1.20		
				0.1		32094	8.80	10.00	1.20		
				0.1		32095	10.00	11.20	1.20		
				0.1		32096	11.20	12.40	1.20		
				0.1		32097	12.40	13.60	1.20		
				0.1		32098	13.60	14.80	1.20		
				0.1		32099	14.80	16.00	1.20		
				0.1		32101	16.00	17.20	1.20		
				0.1		32102	17.20	18.40	1.20		
				0.1		32103	18.40	19.60	1.20		
				0.1		32104	19.60	20.80	1.20		
						32105	20.80	22.00	1.20		
				0.1		32106	22.00	23.20	1.20		
				0.1		32107	23.20	24.40	1.20		
				0.1		32108	24.40	25.60	1.20		
				0.1		32109	25.60	26.80	1.20		
				0.1		32110	26.80	28.00	1.20		
				0.1		32111	28.00	29.20	1.20		
				0.1		32112	29.20	30.40	1.20		
				0.1		32113	30.40	31.60	1.20		
				0.1		32114	31.60	32.80	1.20		
				0.1		32115	32.80	34.00	1.20		
				0.1		32116	34.00	35.20	1.20		
				0.1		32117	35.20	36.40	1.20		
				0.1		32118	36.40	37.60	1.20		
				0.1		32119	37.60	38.80	1.20		
				0.1		32120	38.80	40.00	1.20		
				0.1		32121	40.00	41.20	1.20		
				0.1		32122	41.20	42.40	1.20		
				0.1		32123	42.40	43.60	1.20		
				0.1		32124	43.60	44.80	1.20		
2.00	3.80	SY	Syenite The hole is collared into reddish-orange syenite. It appears to be very massive homogenous and crystalline. The rock is partly grainy due to the associated amphiboles. It is somewhat porphyritic. The rock is non ankeritic, non calcareous and non magnetic. No significant mineralization is observed that's why no samples were collected. The lower contact is sharp at 60°ca.			41916	2.00	3.00	1.00		
						41917	3.00	4.00	1.00		
0.00	2.00	OVB	Overburden Core recovery was measured to begin at 6.56'. The driller's block indicate that they placed 3.04 m (10 ft) of NW casing. NOTE: All the core is systematically tested for pervasive carbonate using dilute hydrochloric acid (HCl) and potassium ferricyanide (KFC). The acid fizzes in contact with calcite and the KFC stains the core blue in the presence of ankerite. In certain areas, the core is tested with a magnet to determine relative magnetite content.								
99.36		EOH	End of hole.								

DOWNHOLE ORIENTATION SURVEYS

Depth	Test	Az	Dip	Type	Comments
0.00	87.2°	87.2°	-60.0°	Collar	
10.67	99.2°	88.0°	-59.4°	Multi	
13.72	99.9°	88.7°	-59.2°	Multi	
16.76	100.0°	88.8°	-58.9°	Multi	
19.81	99.3°	88.1°	-58.7°	Multi	
22.86	101.4°	90.2°	-59.0°	Multi	
25.91	100.4°	89.2°	-58.8°	Multi	
28.96	99.3°	88.1°	-58.6°	Multi	
32.00	99.2°	88.0°	-58.5°	Multi	
35.05	100.1°	88.9°	-58.9°	Multi	
38.10	99.5°	88.3°	-58.9°	Multi	
41.15	98.0°	86.8°	-58.4°	Multi	
44.20	97.5°	86.3°	-58.7°	Multi	
47.24	100.5°	89.3°	-58.3°	Multi	
50.29	104.7°	93.5°	-58.1°	Multi	
53.34	102.2°	91.0°	-58.1°	Multi	
56.39	98.1°	86.9°	-58.1°	Multi	
59.44	97.8°	86.6°	-58.0°	Multi	
62.48	136.6° X	86.6°	-57.7°	Multi	
65.53	184.9° X	86.6°	-57.8°	Multi	
68.58	142.3° X	86.6°	-57.5°	Multi	
71.63	144.3° X	86.6°	-57.2°	Multi	
74.68	146.0° X	86.6°	-57.2°	Multi	
77.72	150.9° X	86.6°	-57.2°	Multi	
80.77	212.5° X	86.6°	-57.4°	Multi	
83.82	275.1° X	86.6°	-58.0°	Multi	
86.87	300.0° X	86.6°	-58.0°	Multi	
89.92	89.2° X	86.6°	-57.4°	Multi	
92.96	45.5° X	86.6°	-57.6°	Multi	
96.01	38.5° X	86.6°	-58.0°	Multi	

GEOTECHNICAL INFORMATION

From	To	Len	Core	Rec (%)	>10cm	RQD (%)	Breaks
2.1	5.2	3.1	2.4	79	0.8	25	27
5.2	8.2	3.1	3.0	98	2.4	79	17
8.2	11.3	3.1	3.0	99	2.5	81	15
11.3	14.3	3.1	3.0	99	2.3	75	15
14.3	17.4	3.1	3.0	99	2.9	94	10
17.4	20.4	3.1	3.0	100	3.0	97	9
20.4	23.5	3.1	3.0	98	2.6	85	16
23.5	26.5	3.0	3.0	100	3.0	99	8
26.5	29.6	3.1	3.0	99	2.8	92	12
29.6	32.6	3.1	3.0	99	2.8	90	12
32.6	35.7	3.1	3.0	99	2.2	72	6
35.7	38.7	3.0	3.0	98	2.3	77	26
38.7	41.8	3.1	3.1	100	3.1	100	10
41.8	44.8	3.1	3.0	100	2.9	95	8
44.8	47.9	3.1	3.0	99	2.3	76	23
47.9	50.9	3.0	3.0	99	2.4	80	20
50.9	54.0	3.1	3.1	99	2.3	73	27
54.0	57.0	3.0	3.0	100	2.8	92	15
57.0	60.1	3.1	3.0	100	2.8	93	13
60.1	63.1	3.1	3.1	100	3.0	98	5
63.1	66.2	3.1	3.0	100	3.0	97	8
66.2	69.2	3.1	3.0	100	2.8	90	15
69.2	72.3	3.1	3.0	99	3.0	98	11
72.3	75.3	3.0	3.0	98	2.2	74	25
75.3	78.4	3.1	3.0	99	2.9	93	16
78.4	81.4	3.1	3.0	99	2.8	93	11
81.4	84.5	3.1	3.0	100	2.5	83	3
84.5	87.5	3.1	3.0	100	2.7	88	3
87.5	90.6	3.1	3.0	100	3.1	100	12
90.6	93.6	3.1	3.0	99	2.9	94	12
93.6	96.7	3.1	3.0	98	2.3	76	17
96.7	99.4	2.7	2.6	97	1.8	66	13

Golden Target Project

Drill Log CR2014-06

COLLAR INFORMATION

Claim: 4273194
Projection: NAD83 17N **Azimuth:** 90.70°
Easting: 539,703.00 m **Dip:** -60.00°
Northing: 5,359,931.00 m **Length:** 112.01 m
Elevation: 366.00 m **Core Size:** NQ
Storage: CanREE explo site

Comments:

WORK DONE BY

Work	From	To	Worker	Start	End
Drilling	0.0	112.0	Walker Drilling	2014-Aug-24	Aug-28
Downhole Survey	0.0	112.0	Walker Drilling	2014-Aug-28	Aug-28
Core Logging	0.0	112.0	Dennis Patron	2014-Aug-26	Aug-26

DRILL LOG

GEOLOGY				VISUAL		ASSAY RESULTS					
From	To	Code	Comment	Cp %	Py%	Sample	From	To	Length	Au gpt	Cu %
101.10	112.00	AM	Amphibolite A subtle contact reverts back to the mafic intrusive classified as amphibolite. It is dark grey color containing more amphiboles than pyroxene. It is darker in color than above. The rock is weakly magnetic, non calcareous and non ankeritic. There is a fault section revealed by the presence of angular fragments of the same material. It is some sort of a fault breccia. The description is described below. The hole ended in the fault zone. 110.50-111.50: Fault breccia zone. This interval show angular clast of tectonic origin. There is no significant mineralization associated with this fault structure. Trace pyrites. 101.50-101.63: Quartz Vein. This veins trends 220°ca. 101.10-101.20: Quartz vein. Another short interval of quartz vein that trends 220°ca.			32356	101.70	102.90	1.20		
						32357	102.90	104.10	1.20		
						32366	104.10	105.30	1.20		
						32367	105.30	106.50	1.20		
						32368	106.50	107.70	1.20		
						32369	107.70	108.90	1.20		
						32370	108.90	110.00	1.10		
						32371	110.00	111.00	1.00		
						32372	111.00	112.00	1.00		

DRILL LOG

GEOLOGY				VISUAL		ASSAY RESULTS					
From	To	Code	Comment	Cp %	Py%	Sample	From	To	Length	Au gpt	Cu %
46.80	52.50	AMFP	Feldspar Phyrlic Amphibolite A sharp contact of 50°ca reverts back to Feldspar Phyrlic amphibolite similar to the one uphole. The presence 1 cm diameter feldspar phenos approximately 1%- 5% in abundance set in a same dark greenish grey, fine to medium grained matrix is the main feature of this amphibolite. This rock is also intruded by late syenite feldspar porphyry dykes at 50.4 to 50.7 m depth. The upper and lower contact of the syenite is also sharp at 60°ca. Yellow and silvery specks occur at this rock and sometimes observed to be interstitially attached to feldspars. Samples were collected on this rock just to verify the presence of rare earths especially on zones where mineralization increase. The rock is weakly to moderately magnetic, non calcareous and non ankeritic.			41390	47.10	48.30	1.20		
						41391	48.30	49.80	1.50		
						41392	49.80	51.30	1.50		
						32312	51.30	52.50	1.20		
46.30	46.80	UNK	Contact transition zone. The hole enters a chilled margins along this contact zone. The contact is sharp at 55°ca. The rock dark grey, fine grained, similar texture as the diabse. The rock is non calcareous weakly magnetic and non ankeritic. This zone and contains trace fine pyrite disseminations and not merits sampling.								
42.45	46.30	SY	Syenite Massive and homogenous syenite dyke. Pinkish. Contact angle is 160°ca. Medium grained, milky-grey-white and pink, feldspar porphyritic syenite. The groundmass is medium to dark, maroon-grey, fine grained, pitted, felted chlorite-brick red feldspar/feldspathoid material. Locally, finer grained (2-3mm), dark grey-green, lath-shaped, mafic (originally amphiboles?) phenocryst/porphyroblasts occur with the larger white/pink felsic phenocrysts. This rock is probably late intrusive that cuts into the amphibolite dyke. The rock is non magnetic, non calcareous and non ankeritic. Trace pyrite disseminations. The rock is competent and rarely fractured. No sample collected.			41387	43.50	44.70	1.20		
						41388	44.70	45.90	1.20		
						41389	45.90	47.10	1.20		

DRILL LOG

GEOLOGY				VISUAL		ASSAY RESULTS					
From	To	Code	Comment	Cp %	Py%	Sample	From	To	Length	Au gpt	Cu %
1.40	42.45	AM	Amphibolite The Hole is collared into a huge section of amphibolite rocks whose protolith are probably early mafic intrusive or fine grained gabbro locally intruded by pinkish feldspar porphyry dykes. It is dark-gray, fine-textured igneous rock composed mainly of feldspar and pyroxene, and characterized by an ophitic texture where laths of plagioclase in a medium grained matrix of pyroxene crystals, wherein the plagioclase is totally surrounded by pyroxene grains. Typically, it is massive, homogenous, fine grained with tendencies towards a medium grain size, and dark greenish grey, almost black coloured. Mineralization consists of a few scattered splashes of pyrites and chalcopyrite. The plain amphibolite dike ends with the appearance of the coarse grained (>1 cm) set in a dark grey fine grained matrix. This amphibolite is competent and rarely fractured. The unit is moderately ankeritic, non calcareous and moderately magnetic. Trace pyrite disseminations, poorly veined. Some fractures are filled with epidote. 30.14-30.30: Syenite. 85°ca sharp contact angle. 33.30: Syenite dyke 6 cm thick and have contact angles of 10°ca. 39.83-42.45: Mixed intrusive. This interval contains 20% syenite and 70% Matachewan amphibolite. The syenite seems to be in and out of the interval.			41357	1.40	2.60	1.20		
						41358	2.60	3.80	1.20		
						41359	3.80	5.00	1.20		
						41360	5.00	6.20	1.20		
						41361	6.20	7.40	1.20		
						41362	7.40	8.60	1.20		
						41363	8.60	9.80	1.20		
						41364	9.80	11.00	1.20		
						41365	11.00	12.20	1.20		
						41366	12.20	13.40	1.20		
						41367	13.40	14.60	1.20		
						41368	14.60	15.80	1.20		
						41369	15.80	17.00	1.20		
						41370	17.00	18.20	1.20		
						41371	18.20	19.40	1.20		
						41372	19.40	20.60	1.20		
						41373	20.60	21.80	1.20		
						41377	21.80	23.00	1.20		
						41378	23.00	24.20	1.20		
						41379	24.20	25.40	1.20		
						41380	25.40	26.60	1.20		
						41381	26.60	27.80	1.20		
						41382	27.80	29.10	1.30		
						32358	29.10	30.30	1.20		
						32359	30.30	31.50	1.20		
						32360	31.50	32.70	1.20		
						32361	32.70	33.90	1.20		
						32362	33.90	35.10	1.20		
						32363	35.10	36.30	1.20		
						32364	36.30	37.50	1.20		
						32365	37.50	38.70	1.20		
						41383	38.70	39.90	1.20		
						41384	39.90	41.10	1.20		
						41385	41.10	42.30	1.20		
						41386	42.30	43.50	1.20		
0.00	1.40	OVB	Overburden Core recovery was measured to begin at 4.6'. The driller's block indicate that they placed 1.52 m (5.0 ft) of NW casing. NOTE: All the core is systematically tested for pervasive carbonate using dilute hydrochloric acid (HCl) and potassium ferricyanide (KFC). The acid fizzes in contact with calcite and the KFC stains the core blue in the presence of ankerite. In certain areas, the core is tested with a magnet to determine relative magnetite content.								
112.01		EOH	End of hole.								

DOWNHOLE ORIENTATION SURVEYS

Depth	Test	Az	Dip	Type	Comments
0.00	90.7°	90.7°	-60.0°	Collar	
20.73	102.7°	91.5°	-59.2°	Multi	
23.77	103.9°	92.7°	-59.0°	Multi	
26.82	105.1°	93.9°	-58.9°	Multi	
29.87	104.1°	92.9°	-58.7°	Multi	
32.92	103.5°	92.3°	-58.8°	Multi	
35.97	102.3°	91.1°	-58.6°	Multi	
39.01	102.7°	91.5°	-58.5°	Multi	
42.06	103.2°	92.0°	-58.5°	Multi	
45.11	102.7°	91.5°	-58.2°	Multi	
48.16	102.2°	91.0°	-58.2°	Multi	
51.21	103.0°	91.8°	-58.2°	Multi	
54.25	104.8°	93.6°	-58.1°	Multi	
57.30	103.6°	92.4°	-58.1°	Multi	
60.35	102.7°	91.5°	-57.9°	Multi	
63.40	103.8°	92.6°	-57.9°	Multi	
66.45	104.3°	93.1°	-57.7°	Multi	
69.49	104.1°	92.9°	-57.7°	Multi	
72.54	103.9°	92.7°	-57.6°	Multi	
75.59	101.6°	90.4°	-57.6°	Multi	
78.64	100.9°	89.7°	-57.3°	Multi	
81.69	103.2°	92.0°	-57.4°	Multi	
84.73	100.6°	89.4°	-57.3°	Multi	
87.78	101.6°	90.4°	-57.2°	Multi	
90.83	101.9°	90.7°	-56.9°	Multi	
93.88	105.2°	94.0°	-56.9°	Multi	
96.93	102.8°	91.6°	-56.8°	Multi	
99.97	101.3°	90.1°	-56.7°	Multi	
103.02	104.4°	93.2°	-56.7°	Multi	
106.07	109.5°	98.3°	-56.5°	Multi	
109.12	103.2°	92.0°	-56.4°	Multi	

GEOTECHNICAL INFORMATION

From	To	Len	Core	Rec (%)	>10cm	RQD (%)	Breaks
1.4	4.0	2.6	2.5	98	1.5	57	23
4.0	5.5	1.5	1.5	100	1.5	99	4
5.5	8.5	3.1	3.0	100	2.4	78	14
8.5	11.6	3.0	3.0	100	2.2	71	21
11.6	14.6	3.1	3.0	99	2.9	93	14
14.6	17.7	3.1	3.0	100	2.8	92	11
17.7	20.7	3.1	3.0	99	2.0	67	28
20.7	23.8	3.1	3.0	98	2.3	76	25
23.8	26.8	3.1	3.0	99	2.3	75	23
26.8	29.9	3.1	3.0	99	2.5	80	17
29.9	32.9	3.1	3.0	100	2.9	94	6
32.9	36.0	3.1	3.0	98	2.9	94	26
36.0	39.0	3.0	3.0	100	2.3	76	25
39.0	42.1	3.1	3.0	100	2.6	86	17
42.1	45.1	3.1	3.1	100	3.0	100	8
45.1	48.2	3.1	3.0	99	2.7	88	14
48.2	51.2	3.1	3.1	100	2.9	94	10
51.2	54.3	3.1	3.0	99	2.7	88	19
54.3	57.3	3.1	3.0	100	2.8	93	13
57.3	60.4	3.1	3.1	100	3.0	98	5
60.4	63.4	3.1	3.0	100	3.0	97	8
63.4	66.5	3.1	3.0	100	2.8	90	15
66.5	69.5	3.1	3.0	99	3.0	98	11
69.5	72.6	3.1	3.0	98	2.2	73	25
72.6	75.6	3.1	3.0	99	2.9	93	16
75.6	78.7	3.0	3.0	99	2.8	93	11
78.7	81.7	3.1	3.0	100	2.4	78	23
81.7	84.8	3.0	3.0	100	2.8	90	7
84.8	87.8	3.1	3.0	99	2.6	86	14
87.8	90.9	3.1	3.1	100	3.0	97	7
90.9	93.9	3.1	3.1	100	3.0	99	8
93.9	97.0	3.1	3.1	100	2.9	94	5
97.0	100.0	3.1	3.1	100	2.8	92	13
100.0	103.1	3.1	3.1	100	1.5	50	14
103.1	106.1	3.1	3.1	100	2.5	82	12
106.1	109.2	3.1	3.0	98	2.9	95	9
109.2	112.2	3.1	2.8	92	2.0	66	15

Golden Target Project

Drill Log CR2014-07

COLLAR INFORMATION

Claim: 4273175
Projection: NAD83 17N **Azimuth:** 262.50°
Easting: 539,668.00 m **Dip:** -60.00°
Northing: 5,359,938.00 m **Length:** 206.04 m
Elevation: 366.00 m **Core Size:** NQ
Storage: CanREE explo site

WORK DONE BY

Work	From	To	Worker	Start	End
Drilling	0.0	206.0	Walker Drilling	2014-Aug-29	Sep-03
Downhole Survey	0.0	206.0	Walker Drilling	2014-Sep-03	Sep-03
Core Logging	0.0	206.0	Dennis Patron	2014-Aug-30	Aug-30

Comments:

DRILL LOG

GEOLOGY				VISUAL		ASSAY RESULTS					
From	To	Code	Comment	Cp %	Py%	Sample	From	To	Length	Au gpt	Cu %
205.20	206.10	SY	Syenite Sharp upper contact at 30°ca marks the beginning of another Syenite package. It is pinkish, massive and crystalline, homogenous. The rock is non ankeritic, non calcareous and non magnetic. Angular clast of amphibolite inclusion at 205.70 5 cm diameter. Trace pyrite disseminations.								
179.20	205.20	GB	Fine to Medium Grained Gabbro A subtle upper contact reverts back to the Fine to Medium Grained Gabbro. This unit is quite similar in composition as the above but generally finer grained. The pyrite mineralization is trace. The rock is non ankeritic, non calcareous and moderately to strongly magnetic. The lower contact is sharp at 30°ca.			32469	179.40	180.60	1.20		
						32470	180.60	181.80	1.20		
						32471	181.80	183.00	1.20		
						32472	183.00	184.20	1.20		
						32473	184.20	185.40	1.20		
						32474	185.40	186.60	1.20		
						32476	186.60	187.80	1.20		
						32477	187.80	189.00	1.20		
			180.20: 120°ca (2 cm)			32478	189.00	190.20	1.20		
			182.80: 60°ca (1.5 cm)			32479	190.20	191.40	1.20		
			182.90: 60°ca (3 cm)			32480	191.40	192.60	1.20		
			184.90: 120°ca (10 cm)			32481	192.60	193.80	1.20		
			185.20: 60°ca (1.5 cm)			32482	193.80	195.00	1.20		
			185.60: 70°ca (2 cm)			32483	195.00	196.20	1.20		
			186.80: 105°ca			32484	196.20	197.40	1.20		
			190.70: 120°ca (2 cm)			32485	197.40	198.60	1.20		
			195.95: 60°ca (2 cm)			32486	198.60	199.80	1.20		
			196.30: 130°ca			32487	199.80	201.00	1.20		
			196.90: 130°ca (5 cm)			32488	201.00	202.20	1.20		
			197.70: 105°ca (10 cm)			32489	202.20	203.40	1.20		
			203.10: 20°ca			32490	203.40	204.60	1.20		
						32491	204.60	205.80	1.20		

DRILL LOG

GEOLOGY				VISUAL		ASSAY RESULTS					
From	To	Code	Comment	Cp %	Py%	Sample	From	To	Length	Au gpt	Cu %
139.50	179.20	GBFP	Porphyritic Gabbro		0.1	32435	139.80	141.00	1.20		
			A subtle contact of 45°ca comes the massive, homogenous and crystalline Porphyritic Gabbro. The grains and texture becomes coarser but the rock unit is still the same as above. A distinct change to a phenocrystic texture that is very competent and weakly fractured giving the core a solid appearance. The porphyry is light/ medium greyish green/beige coloured with a few large spots of light yellowish grey feldspar phenos 1 cm in diameter. It is finely speckled (4-8%) with pale yellow sericitized ferromagnesian minerals that stand out in a groundmass of faint grey feldspar phenos and dark green fine to medium grained groundmass. The rock is weakly to moderately ankeritic, moderately to strongly magnetic and non calcareous on the groundmass but thin calcite stringers are common revealed by the fizzes it shows when the HCL tester is used. Trace pyrites.		0.1	32436	141.00	142.20	1.20		
					0.1	32437	142.20	143.40	1.20		
					0.1	32438	143.40	144.60	1.20		
					0.1	32439	144.60	145.80	1.20		
					0.1	32440	145.80	147.00	1.20		
					0.1	32441	147.00	148.20	1.20		
					0.1	32442	148.20	149.40	1.20		
					0.1	32443	149.40	150.60	1.20		
					0.1	32444	150.60	151.80	1.20		
					0.1	32445	151.80	153.00	1.20		
					0.1	32446	153.00	154.20	1.20		
					0.1	32447	154.20	155.40	1.20		
					0.1	32448	155.40	156.60	1.20		
					0.1	32449	156.60	157.80	1.20		
			166.70- 166.90: Fine Grained Gabbro, 60°ca		0.1	32451	157.80	159.00	1.20		
			176.90- 177.00: Fine Grained Gabbro, 145°ca		0.1	32452	159.00	160.20	1.20		
					0.1	32453	160.20	161.40	1.20		
			Quartz Veins occurrence and their thickness and orientation. (minimum of 1 cm thick):		0.1	32454	161.40	162.60	1.20		
						32455	162.60	163.80	1.20		
						32456	163.80	165.00	1.20		
			140.00: 35°ca (5 cm)			32457	165.00	166.20	1.20		
			140.50: 45°ca (2 cm)			32458	166.20	167.40	1.20		
			140.70: 40°ca (1.5 cm)			32459	167.40	168.60	1.20		
			145.00: 67°ca (5 cm)			32460	168.60	169.80	1.20		
			146.20: 50°ca			32461	169.80	171.00	1.20		
			146.70: 50°ca			32462	171.00	172.20	1.20		
			146.80: 55°ca (2 cm)			32463	172.20	173.40	1.20		
			152.20: 120°ca (1.5 cm)			32464	173.40	174.60	1.20		
			153.30: 150°ca (2cm)			32465	174.60	175.80	1.20		
			154.80: 140°ca			32466	175.80	177.00	1.20		
			156.15: 40°ca (8 cm)			32467	177.00	178.20	1.20		
			158.05: 60°ca			32468	178.20	179.40	1.20		
			158.20: 60°ca (3 cm)								
			158.50: 45°ca (2 cm)								
			158.70: 70°ca (2 cm)								
			161.00: 130°ca								
			177.15: 130°ca								

DRILL LOG

GEOLOGY				VISUAL		ASSAY RESULTS					
From	To	Code	Comment	Cp %	Py%	Sample	From	To	Length	Au gpt	Cu %
71.00	106.80	SY	Syenite Porphyry			41420	71.60	72.80	1.20		
			After the mixed intrusive the hole enters into a more massive rock of quartz feldspar porphyry which we gave a camp name of syenite/syenite porphyry. It is medium gray to gray reddish brown, medium to coarse grained, massive rock composed of 85-90% of mm size euhedral k feldspars close packed together with intergranular gray-greenish amphibole material in interfragmental position. Rock composition is between QFP and FP depending on the Quartz phenocrysts content. But to simplify the logging we just consider this kind of rock as syenite and dont classify the quartz and feldspar phenos and their modal percentage. This rock is massive and relatively hard that drillers having a hard time penetrating it. The rock is non magnetic, non ankeritic and non calcareous. Trace pyrite disseminations. The competent and rarely fractured.			41421	72.80	74.00	1.20		
						41422	74.00	75.20	1.20		
						41423	75.20	76.40	1.20		
						41427	76.40	77.60	1.20		
						41428	77.60	78.80	1.20		
						41429	78.80	80.00	1.20		
						41430	80.00	81.20	1.20		
						41431	81.20	82.40	1.20		
						41432	82.40	83.60	1.20		
						41433	83.60	84.80	1.20		
						41434	84.80	86.00	1.20		
						41435	86.00	87.20	1.20		
						41436	87.20	88.40	1.20		
						41437	88.40	89.60	1.20		
						41438	89.60	90.80	1.20		
						41439	90.80	92.00	1.20		
						41440	92.00	93.20	1.20		
						41441	93.20	94.40	1.20		
						41442	94.40	95.60	1.20		
						41443	95.60	96.80	1.20		
						41444	96.80	98.00	1.20		
						41445	98.00	99.20	1.20		
						41446	99.20	100.40	1.20		
						41447	100.40	101.60	1.20		
						41448	101.60	102.80	1.20		
						41452	102.80	104.00	1.20		
						41453	104.00	105.20	1.20		
						41454	105.20	106.40	1.20		
						41455	106.40	107.60	1.20		
62.30	71.00	UNK	Mixed Intrusive			41413	63.20	64.40	1.20		
			The hole enters a rock of mixed intrusive. Syenite comes in and out of this unit. The ratio of the syenite and the mafic intrusive is 50:50. There is no particular direction of contact between rock units. It appears that angular inclusions of mafic intrusive is carried by the syenite dyke. The mafic intrusive is dark green, fine to medium grained, amphibolitized and slightly carbonatized (calcite) unit of mafic composition. Both intrusive are massive. Both rock are also non magnetic, weakly calcareous and weakly ankeritic.			41414	64.40	65.60	1.20		
						41415	65.60	66.80	1.20		
						41416	66.80	68.00	1.20		
						41417	68.00	69.20	1.20		
						41418	69.20	70.40	1.20		
						41419	70.40	71.60	1.20		
50.00	62.30	SY	Syenite Porphyry			41402	50.00	51.20	1.20		
			A sharp contact of 30°ca comes a gray reddish to, pinkish red medium-coarse grained, massive rock of felsic composition composed of 75% of mm size euhedral K Fp often close packed with up to 5% of euhedral Quartz grains unevenly distributed along unit. All unit is affected by a moderate to strong pervasive hematization thats why it turns out to be reddish in color. Weak fracture and vein controlled calcite. Intergranular yellowish leucoxene observed throughout unit. Local cm size angular mafic clasts included and described separately below. The rock is non magnetic, non calcareous and non ankeritic. Trace pyrites. No significant mineralization observed thats why no sample was collected.			41403	51.20	52.40	1.20		
						41404	52.40	53.60	1.20		
						41405	53.60	54.80	1.20		
						41406	54.80	56.00	1.20		
						41407	56.00	57.20	1.20		
						41408	57.20	58.40	1.20		
						41409	58.40	59.60	1.20		
						41410	59.60	60.80	1.20		
						41411	60.80	62.00	1.20		
						41412	62.00	63.20	1.20		

DRILL LOG

GEOLOGY				VISUAL		ASSAY RESULTS					
From	To	Code	Comment	Cp %	Py%	Sample	From	To	Length	Au gpt	Cu %
42.80	50.00	MI	Mafic Intrusive There is a distinct change in texture which is evident with a lens whereby the fine granular foliation ends and the texture becomes fine grained crystalline as defined by acicular dark green/ black mafic grains/ crystals in the groundmass. Overall, it is fine grained, massive, medium/ dark grey coloured, relatively hard, weakly magnetic, non reactive to weakly calcitic with 10% irregular streaks and networks of pink calcite fractures. It is mineralized with trace sulphides with anomalous portions up to 1% disseminated Pyrite. This unit is also intruded by pinkish syenite that comes in and out of the unit. The syenite dykes range in thickness from 1 cm to 10 cm. The contact angle of the intruding syenites varies in orientation from 45 to 75°ca. There is no significant mineralization in this unit that merits sampling that's why no samples were collected.			41393	42.80	44.00	1.20		
						41394	44.00	45.20	1.20		
						41395	45.20	46.40	1.20		
						41396	46.40	47.60	1.20		
						41397	47.60	48.80	1.20		
						41398	48.80	50.00	1.20		
19.10	42.80	MVFP	Feldspar Phyrlic mafic volcanics A sharp change in texture marks the beginning of this Feldspar Phyrlic mafic volcanics. The contact is subtle approximately 30°ca. This rock is quite similar to the Feldspar Phyrlic amphibolite except that the texture of this rock is finer grained and darker in color. There is an abundance of amphiboles in the matrix which is speckled by coarse crystals of Feldspar greater than 1 cm in diameter. The rock is amphibolitized. Several sections of this rock is intruded by pinkish syenite dykes. Pyrite were normally observed on the selveges of the contact between the syenite and the amphibolite. Trace pyrites and chalcopyrites were present in this rocks. Most of the pyrites occur as fine disseminations and sometimes trains in fractures. Sampling was taken from this rock since sometimes REE are associated with this kind of rock texture. Below are the intervals of syenites and their corresponding contact angles. 19.10-19.48: 35°ca, 30°ca 20.43- 22.20: 30°ca, 35°ca 25.40- 25.60: 25°ca, 30°ca 27.20- 27.40: 40°ca, 45°ca 27.60- 28.35: 40°ca, 50°ca			32389	19.80	21.00	1.20		
						32390	21.00	22.20	1.20		
						32391	22.20	23.40	1.20		
						32392	23.40	24.60	1.20		
						32393	24.60	25.80	1.20		
						32394	25.80	27.00	1.20		
						32395	27.00	28.20	1.20		
						32396	28.20	29.40	1.20		
						32397	29.40	30.60	1.20		
						32398	30.60	32.00	1.40		
						32399	32.00	33.20	1.20		
						32401	33.20	34.40	1.20		
						32402	34.40	35.60	1.20		
						32403	35.60	36.80	1.20		
						32404	36.80	38.00	1.20		
						32405	38.00	39.20	1.20		
						32406	39.20	40.40	1.20		
						32407	40.40	41.60	1.20		
						32408	41.60	42.80	1.20		
1.85	19.10	GB	Fine to Medium Grained Gabbro This hole is collared into a a camp name Fine to Medium grained Gabbro. This is the gabbro zone that was missed by CR-2014-06E. This gabbro occurs as massive, medium grained, salt and peppery zones comprised of millimetric black, stubby, ferromagnesian laths in a fine grained, yellowish buff coloured when dry, feldspathic groundmass. Quartz veining is negligible but if present is usually mm thick and has no definite orientation. Fine fractures are ankeritic while the matrix is essentially non reactive to HCL but weakly to moderately reactive to KFC which means that the alteration present is ankerite. Fractures are generally coated by chlorite and was counted individually in the RQD page. Only trace pyrite (Py) crystals were noted scattered through the matrix and along fractures. It is on this rock that scandium and yttrium is presumed to be hosted.			32373	1.85	3.00	1.15		
						32374	3.00	4.20	1.20		
						32376	4.20	5.40	1.20		
						32377	5.40	6.60	1.20		
						32378	6.60	7.80	1.20		
						32379	7.80	9.00	1.20		
						32380	9.00	10.20	1.20		
						32381	10.20	11.40	1.20		
						32382	11.40	12.60	1.20		
						32383	12.60	13.80	1.20		
						32384	13.80	15.00	1.20		
						32385	15.00	16.20	1.20		
						32386	16.20	17.40	1.20		
						32387	17.40	18.60	1.20		
						32388	18.60	19.80	1.20		
0.00	1.85	OVB	OVB Core recovery was measured to begin at 6.07'. The driller's block indicate that they placed 1.52 m (5 ft ft) of NW casing. NOTE: All the core is systematically tested for pervasive carbonate using dilute hydrochloric acid (HCl) and potassium ferricyanide (KFC). The acid fizzes in contact with calcite and the KFC stains the core blue in the presence of ankerite. In certain areas, the core is tested with a magnet to determine relative magnetite content.								
206.04		EOH	End of hole.								

DOWNHOLE ORIENTATION SURVEYS

GEOTECHNICAL INFORMATION

Depth	Test	Az	Dip	Type	Comments	From	To	Len	Core	Rec (%)	>10cm	RQD (%)	Breaks
0.00	262.5°	262.5°	-60.0°	Collar		1.9	2.1	0.2	0.2	100	0.0	0	4
8.23	275.4°	264.2°	-58.2°	Multi		2.1	3.7	1.5	1.5	98	0.9	57	15
11.28	274.5°	263.3°	-58.1°	Multi		3.7	5.2	1.5	1.5	100	1.5	100	7
14.33	273.6°	262.4°	-58.0°	Multi		5.2	8.2	3.1	3.0	98	2.4	78	20
17.37	270.6°	259.4°	-57.8°	Multi		8.2	11.3	3.1	3.0	98	1.8	57	25
20.42	274.2°	263.0°	-57.8°	Multi		11.3	14.3	3.1	3.0	99	2.0	66	41
23.47	275.2°	264.0°	-57.7°	Multi		14.3	17.4	3.1	3.0	99	2.5	80	22
26.52	275.0°	263.8°	-57.5°	Multi		17.4	20.4	3.1	3.1	100	3.1	100	8
29.57	275.3°	264.1°	-57.5°	Multi		20.4	23.5	3.1	3.0	97	1.8	60	27
32.61	274.8°	263.6°	-57.3°	Multi		23.5	26.5	3.0	3.0	100	2.9	95	13
35.66	275.8°	264.6°	-57.2°	Multi		26.5	29.6	3.1	3.0	100	2.5	83	6
38.71	275.3°	264.1°	-57.2°	Multi		29.6	32.6	3.1	3.0	98	2.7	87	14
41.76	275.5°	264.3°	-57.1°	Multi		32.6	35.7	3.1	3.1	100	2.9	96	10
44.81	275.3°	264.1°	-56.9°	Multi		35.7	38.7	3.1	3.0	100	2.7	88	11
47.85	274.7°	263.5°	-56.8°	Multi		38.7	41.8	3.1	3.0	99	2.3	76	21
50.90	274.1°	262.9°	-56.9°	Multi		41.8	44.8	3.1	3.0	99	2.6	86	14
53.95	274.3°	263.1°	-56.7°	Multi		44.8	47.9	3.1	3.0	99	1.8	57	27
57.00	273.1°	261.9°	-56.6°	Multi		47.9	50.9	3.0	3.0	100	2.4	80	25
60.05	271.5°	260.3°	-56.7°	Multi		50.9	54.0	3.1	3.0	99	2.4	77	8
63.09	271.4°	260.2°	-56.5°	Multi		54.0	57.0	3.1	3.0	99	2.3	74	13
66.14	273.4°	262.2°	-56.4°	Multi		57.0	60.1	3.1	3.1	100	2.9	94	2
69.19	275.3°	264.1°	-56.3°	Multi		60.1	63.1	3.1	3.0	100	1.8	59	8
72.24	274.6°	263.4°	-56.2°	Multi		63.1	66.2	3.1	3.0	99	2.2	72	16
75.29	275.2°	264.0°	-56.1°	Multi		66.2	69.2	3.1	3.0	99	2.4	78	4
78.33	275.2°	264.0°	-56.0°	Multi		69.2	72.3	3.1	3.0	98	0.6	19	28
81.38	274.0°	262.8°	-56.1°	Multi		72.3	75.3	3.1	3.0	99	2.2	73	11
84.43	275.0°	263.8°	-55.8°	Multi		75.3	78.4	3.0	3.0	100	2.5	83	3
87.48	274.2°	263.0°	-55.9°	Multi		78.4	81.4	3.1	3.0	100	2.7	88	3
90.53	275.4°	264.2°	-55.6°	Multi		81.4	84.5	3.1	3.0	99	2.5	82	3
93.57	273.8°	262.6°	-55.8°	Multi		84.5	87.5	3.1	3.0	98	2.7	89	4
96.62	274.2°	263.0°	-55.5°	Multi		87.5	90.6	3.1	3.0	99	2.3	77	2
99.67	273.4°	262.2°	-55.5°	Multi		90.6	93.6	3.1	3.1	100	2.3	77	6
102.72	273.1°	261.9°	-55.5°	Multi		93.6	96.7	3.1	3.0	99	2.8	93	3
105.77	274.4°	263.2°	-55.2°	Multi		96.6	99.7	3.1	3.0	98	1.9	62	13
108.81	272.6°	261.4°	-55.3°	Multi		99.7	102.7	3.1	3.0	99	2.7	88	7
111.86	271.9°	260.7°	-55.3°	Multi		102.7	105.7	3.0	3.0	99	2.2	74	27
114.91	273.0°	261.8°	-55.1°	Multi		105.7	108.8	3.1	3.0	99	2.3	76	29
117.96	273.4°	262.2°	-55.1°	Multi		108.8	111.8	3.1	3.0	99	1.8	60	37
121.01	272.3°	261.1°	-54.9°	Multi		111.8	114.9	3.1	3.0	99	2.7	88	14
124.05	273.6°	262.4°	-54.8°	Multi		114.9	117.9	3.1	3.0	98	1.9	61	38
127.10	272.3°	261.1°	-55.0°	Multi		117.9	121.0	3.1	3.0	100	2.8	92	11
130.15	273.9°	262.7°	-54.8°	Multi		121.0	124.0	3.1	3.1	100	2.6	86	21
133.20	271.1°	259.9°	-54.9°	Multi		124.0	127.1	3.1	3.0	100	2.6	86	16
136.25	274.2°	263.0°	-54.8°	Multi		127.1	130.1	3.0	3.0	99	2.7	89	13
139.29	273.4°	262.2°	-54.5°	Multi		130.1	133.2	3.0	3.0	100	3.0	100	13
142.34	271.8°	260.6°	-54.7°	Multi		133.2	136.2	3.1	3.0	99	2.7	87	20
145.39	274.1°	262.9°	-54.5°	Multi		136.2	139.3	3.1	3.0	100	2.7	90	15
148.44	271.6°	260.4°	-54.5°	Multi		139.3	142.4	3.1	3.1	98	2.1	68	19
151.49	274.4°	263.2°	-54.2°	Multi		142.4	145.4	3.1	3.0	99	2.6	84	16
154.53	275.2°	264.0°	-54.3°	Multi		145.4	148.5	3.1	3.0	100	2.7	89	15
157.58	273.5°	262.3°	-54.0°	Multi		148.5	151.5	3.0	3.0	100	2.9	95	15
160.63	272.2°	261.0°	-54.2°	Multi		151.5	154.6	3.1	3.0	99	1.4	47	23
163.68	272.3°	261.1°	-53.9°	Multi		154.6	157.6	3.1	3.0	99	2.0	66	23
166.73	270.9°	259.7°	-53.8°	Multi		157.6	160.7	3.1	3.0	100	1.8	60	8
169.77	271.2°	260.0°	-53.9°	Multi		160.7	163.8	3.1	3.0	97	2.9	94	15
172.82	272.8°	261.6°	-53.6°	Multi		163.8	166.8	3.0	3.0	100	1.7	57	18
175.87	274.7°	263.5°	-53.7°	Multi		166.8	169.8	3.1	3.0	99	2.9	94	12
178.92	274.9°	263.7°	-53.7°	Multi		169.8	172.9	3.1	3.0	99	3.0	99	8
181.97	274.2°	263.0°	-53.4°	Multi		172.9	175.9	3.0	3.0	99	2.3	76	10
185.01	275.9°	264.7°	-53.5°	Multi		175.9	179.2	3.2	3.2	99	2.7	84	12
188.06	272.1°	260.9°	-53.4°	Multi		179.2	182.0	2.9	2.8	99	2.1	73	27
191.11	272.8°	261.6°	-53.4°	Multi		182.0	185.0	3.0	3.0	100	2.1	71	31
194.16	273.9°	262.7°	-53.5°	Multi		185.0	188.1	3.1	3.1	98	2.7	87	20
197.21	274.3°	263.1°	-53.5°	Multi		188.1	191.2	3.1	3.0	99	1.6	51	41

200.25	272.1°	260.9°	-53.4°	Multi	191.2	194.2	3.1	3.0	98	1.5	50	38
					194.2	197.3	3.1	3.0	99	2.7	88	15
					197.3	200.3	3.0	3.0	99	2.3	75	28
					200.3	203.3	3.0	3.0	100	2.1	69	28
					203.3	206.1	2.8	2.8	100	2.3	82	16

Golden Target Project

Drill Log CR2014-08

COLLAR INFORMATION

Claim: 4276170
Projection: NAD83 17N **Azimuth:** 267.00°
Easting: 539,572.00 m **Dip:** -60.00°
Northing: 5,360,664.00 m **Length:** 104.39 m
Elevation: 366.00 m **Core Size:** NQ
Storage: CanREE explo site

WORK DONE BY

Work	From	To	Worker	Start	End
Drilling	0.0	104.4	Walker Drilling	2014-Sep-04	Sep-05
Downhole Survey	0.0	104.4	Walker Drilling	2014-Sep-05	Sep-05
Core Logging	0.0	104.4	Athraa Koma	2014-Sep-10	Sep-10
Core Logging	0.0	104.4	Dennis Patron	2014-Sep-10	Sep-10

Comments: This hole needs to be assayed for PGE. 0.5%- 3% pyrite concentrations hosted in amphibolite were presumed to be hosting PGE. There is a PGE mark at the table of descriptions where the samples needs to be assayed for PGE.

DRILL LOG

GEOLOGY				VISUAL		ASSAY RESULTS					
From	To	Code	Comment	Cp %	Py%	Sample	From	To	Length	Au gpt	Cu %
102.50	104.40	SY	Syenite Sharp contact at 65°ca comes this pinkish, medium grained, massive, crystalline and homgenous syenite dyke. It is weakly to non magnetic, non ankeritic and non calcareoius. Trace pyrites. The rock exhibits a porphyritic texture.			41466	102.60	104.40	1.80		

DRILL LOG

GEOLOGY				VISUAL		ASSAY RESULTS					
From	To	Code	Comment	Cp %	Py%	Sample	From	To	Length	Au gpt	Cu %
48.10	102.50	AMSY	Amphibolite Syenite Package		1.0	32676	49.20	50.40	1.20		
			A sharp contact of 30°ca comes a mixed package of amphibolite syenite. This interval comprises of 85% amphibolite and 15% syenite. The amphibolite is dark grey, fine grained amphibole rich mafic volcanic. It is called amphibolite by SGS, hence, the rock name. The protolith of this rock before metamorphism is probably basalt because it is too dark and fine grained. This amphibolite show various texture. Some sections are feldspar phyric while some sections are fine to medium grained, showing weak foliation fabric of 30°ca. The syenite seems to intrude the amphibolites because there are some chunks of amphibolite inclusions in the syenite interval. Solid core of syenite that is more than a meter is also included here. The rock is generally non ankeritic, non calcareous and weakly to moderately magnetic. Pyrite mineralization is stronger in the amphibolite than the syenite. The modal percentage of pyrite is recorded at the left corner of the description below. The associated feldspar in the amphibolite occurs as specks and patches ranging in size from a few mm to more than 1 cm.		1.0	32677	50.40	51.60	1.20		
					1.0	32678	51.60	52.80	1.20		
					0.5	32679	52.80	54.00	1.20		
					0.5	32680	54.00	55.20	1.20		
					0.5	32681	55.20	56.40	1.20		
					0.5	32682	56.40	57.60	1.20		
					0.5	32683	57.60	58.80	1.20		
						32684	58.80	60.00	1.20		
					0.5	32685	60.00	61.20	1.20		
					0.5	32686	61.20	62.40	1.20		
					0.5	32687	62.40	63.60	1.20		
					0.5	32688	63.60	64.80	1.20		
					0.5	32689	64.80	66.00	1.20		
					0.5	32690	66.00	67.20	1.20		
					0.5	32691	67.20	68.40	1.20		
					0.5	32692	68.40	69.60	1.20		
					0.5	32693	69.60	70.80	1.20		
			48.10-48.50: Amphibolite. UC= 70°ca, LC =130°ca, 1% Py		0.1	32694	70.80	72.00	1.20		
			48.50-48.80: Syenite. UC =130°ca, LC= 49°ca		0.1	32695	72.00	73.20	1.20		
					0.1	32696	73.20	74.40	1.20		
			48.80-52.95: 95% amphibolite with 5% syenite dykelets. UC=49°ca, LC=120°ca, 1% Py		0.1	32697	74.40	75.80	1.40		
					0.1	32698	75.80	77.00	1.20		
					0.1	32699	77.00	78.20	1.20		
			52.95-53.15: Syenite. UC=120°ca, LC=120°ca, 5% Py.		0.1	32701	78.20	79.00	0.80		
						41464	79.00	80.30	1.30		
			53.15-53.40: Amphibolite with one 2 cm syenite dyke. UC=120°ca, LC=45°ca, 1% Py			41465	80.30	81.70	1.40		
					0.1	32702	81.70	82.90	1.20		
			53.40- 53.50: Massive syenite. UC=45°ca, LC=40°ca		0.1	32703	82.90	84.10	1.20		
						32704	84.10	85.30	1.20		
			53.50- 57.90: 95% amphibolite with 5% Syenite dykes ranging in size from a 5 mm to 3 cm. UC=40°ca, LC=130°ca, 1% Py		0.1	32705	85.30	86.50	1.20		
						41468	89.20	90.80	1.60		
					0.1	32706	90.80	92.00	1.20		
			57.90- 58.10: Syenite with amphibolite inclusions. UC=130°ca, LC=170°ca		0.1	32707	92.00	93.20	1.20		
					0.5	32708	93.20	94.40	1.20		
			58.10- 58.80: Amphibolite. UC =170°ca, LC= 50°ca, 1% Py		2.0	32709	94.40	95.60	1.20		
			58.80- 59.05: Massive syenite. UC= 50°ca, LC= 60°ca, 1% Py		0.5	32710	95.60	96.80	1.20		
			59.05- 59.75: Amphibolite. UC= 60°ca, LC= 30°ca, 2% Py		0.1	32711	96.80	98.00	1.20		
			59.75- 59.89: Synite dyke. UC= 35°ca, LC= 40°ca, 0.5% Py		0.1	32712	98.00	99.20	1.20		
			59.89- 61.15: Amphibolite. UC= 40°ca, LC =160°ca, 0.5%- 5% Py		0.1	32713	99.20	100.40	1.20		
			61.15- 61.25: Syenite dyke. UC =160°ca, LC =150°ca, 1% Py			32714	100.40	101.60	1.20		
			61.25- 65.05: Amphibolite. UC =150°ca, LC= 80°ca, 1%- 5% Py		0.1	32715	101.60	102.60	1.00		
			65.05- 65.15: Syenite with amphibolite inclusions. UC=80°ca, LC=55°ca , 4 specks of Cpy								
			65.15- 70.25: 98% amphibolite and 2% Synite dyke (2 dykes of 5 cm thick). UC =55°ca, LC=70°ca, 1%- 5% Py								
			70.25- 70.35: Syenite dyke. UC and LC =70°ca, Trace Py								
			70.35- 70.75: Amphibolite. UC and LC =60°ca, 1% Py								
			70.75- 71.50: Syenite. UC =60°ca, LC =6+E670°ca , trace Py								
			71.50- 72.50: Amphibolite. UC and LC =60°ca, 1% Py								
			72.50- 72.70: Syenite Dyke. UC and LC =60°ca, Trace Py								
			72.70- 73.55: Amphibolite. UC =60°ca , LC =90°ca , 5% Py								
			73.55- 73.65: Syenite Dyke. UC and LC =90°ca, Trace Py								
			73.65- 73.95: Amphibolite. UC =90°ca, LC =50°ca, 1%Py								
			73.95- 74.10: Syenite with amphibolite inclusion. UC=50°ca, LC =65°ca, Trace Py								
			74.10- 78.95: Amphibolite. UC=65°ca, LC=90°ca, 1%- 5% Py								

DRILL LOG

GEOLOGY				VISUAL		ASSAY RESULTS					
From	To	Code	Comment	Cp %	Py%	Sample	From	To	Length	Au gpt	Cu %
			78.95- 81.75: Syenite. This is a bigger section of syenite within the Amphibolite package. The upper contact is 90°ca and the lower contact is 45°ca. Both are sharp contact. It is massive, homogenous and crystalline. Pinkish color. Very competent. Trace P.								
			81.75-86.01: 98% Amphibolite and 2% Syenite Dykes. UC=45°ca, LC=70°ca, 1%- 2% Py								
			NOTE: The drillers grounded the core from 86.1m to 89.2 m giving a core recovery of only 29%. Broken Core measuring 0.88 meters in this run giving lost core of 2.17 meters. No sample was taken on this zone. RQD is only 9%.								
			89.18-89.80: Amphibolite. LC =120°ca, 0.5% Py								
			89.80-90.80: Syenite. UC=120°ca, LC= 90°ca, Trace Py								
			90.80-102.35: 95% amphibolite and 5% synite dykes. The syenite dykes occurs at the following intervals within this amphibolite interval:								
			91.70: 4 cm, UC =25°ca, LC =110°ca								
			92.50: 10 cm, UC =60°ca, LC= 70°ca								
			92.80: 3 cm, UC and LC is 60°ca								
			93.25: 3 cm, UC and LC is 70°ca								
			93.60: 2 cm, UC and LC is 80°ca.								
			95.95: 3 cm, UC and LC is 150°ca								
			98.10: 5 cm, UC =60°ca, LC =130°ca.								
			98.20: 10 cm, UC and LC is 140°ca.								
			98.90: 15 cm, UC =30°ca, LC= 45°ca								
			Pyrite Veins within this amphibolite sections occur in the following interval:								
			94.40- 94.60: UC=30°ca, LC=25°ca								
			95.70- 95.75: UC and LC is 45°ca								

DRILL LOG

GEOLOGY				VISUAL		ASSAY RESULTS						
From	To	Code	Comment	Cp %	Py%	Sample	From	To	Length	Au gpt	Cu %	
34.10	48.10	AMSY	Syenite Amphibolite Package		0.1	32668	34.75	35.95	1.20			
			This package comprise of 75% syenite and 25% amphibolite. The contacts are sharp but no definite orientation. The intervals below show where syenite and amphibolite occurs including their upper and lower contact. The sampled portion is the amphibolite sections only. Pyrite is generally trace with local sections reaching up to 5% pyrite. The rock is generally non ankeritic, non calcareous and moderately magnetic on the amphibolite while the the syenite is non magnetic. 34.05-36.55: Fine Grained amphibolite. The upper contact is 30°ca while the lower contact is 160°ca. 36.55-36.95: Syenite. Upper contact is 160°ca lower contact is 65°ca 36.95-37.15: Amphibolite/Syenite. This short interval is 90% fine grained gabbro intruded by 10% syenite dyke. 37.15-37.80: Amphibolite. The upper contac is 110°ca while the lower contact is also 110°ca. 37.80-37.90: Syenite dyke. Upper contacty is 110°ca while lower conatct is also 110°ca. 37.90-38.15: Amphibolite. UC =110°ca, LC= 85°ca, 2% Py 38.15-38.55: Syenite. UC= 85°ca, LC= 60°ca, 5% Py 38.55-39.55: Amphibolite. UC= 60°ca, LC =155°ca, 1% Py 39.55-44.17: Syenite. UC=155°ca, LC= 32°ca 44.17-45.00: Amphibolite. UC= 32°ca, LC =160°ca, 1% Py 45.00-45.95: Syenite. UC =160°ca, LC= 40°ca 45.95-47.20: Amphibolite. UC= 40°ca, LC= 50°ca, 5% Py 47.20-48.10: Syenite. UC= 50°ca, LC= 75°ca	0.5	32669	35.95	37.15	1.20				
				3.0	32670	37.15	38.35	1.20				
				3.0	32671	38.35	39.55	1.20				
					41458	39.55	40.75	1.20				
					41459	40.75	41.95	1.20				
					41460	41.95	43.15	1.20				
					41461	43.15	44.20	1.05				
				1.0	32672	44.20	45.00	0.80				
					41462	45.00	46.00	1.00				
				3.0	32673	46.00	47.20	1.20				
					41463	47.20	48.00	0.80				
				1.0	32674	48.00	49.20	1.20				
4.80	34.10	GB		Fine to medium Grained Gabbro		0.1	32493	5.95	7.15	1.20		
				This hole is collared into the camp name of Fine to medium Grained Gabbro. This gabbro is medium greenish grey, fine to medium grained, massive and crystalline. It is intruded by syenite locally and described below. Pyrite mineralization ranges from trace to locally 1%. The upper section of this hole is weakly hematitized. The syenites have sharp contacts that is quite variable suggesting that no particular orientation does the syenite have. The overall appearance of the protolith is that of a fine grained gabbro. Staining and testing with KFC and HCl reveal that the matrix is non reactive. The magnetic properties are erratic but generally moderately magnetic. A few splashes and grains of Py and Cp were noted in the walls of some of the wider calcite/ epidote stringers/ veinlets, elsewhere, the sulphide content is nil to trace. The lower contact is sharp at 30°ca. Syenite intervals and their contact angles. 9.40- 9.95: 135°ca, 55°ca 10.25-12.00: 60°ca, 60°ca 14.30-14.55: 85°ca, 150°ca 14.90-15.00: 135°ca, 54°ca. 15.10-15.30: 54°ca, 90°ca 15.40-15.60: 120°ca, 130°ca	0.5	32494	7.15	8.35	1.20			
			1.0		32495	8.35	9.55	1.20				
					32496	9.55	10.75	1.20				
			0.1		32497	10.75	11.95	1.20				
			1.0		32498	11.95	13.15	1.20				
			0.1		32499	13.15	14.35	1.20				
			1.0		32651	14.35	15.55	1.20				
			0.5		32652	15.55	16.75	1.20				
			0.1		32653	16.75	17.95	1.20				
			0.1		32654	17.95	19.15	1.20				
			0.1		32655	19.15	20.35	1.20				
			0.1		32656	20.35	21.55	1.20				
			0.1		32657	21.55	22.75	1.20				
			0.1		32658	22.75	23.95	1.20				
			0.1		32659	23.95	25.15	1.20				
			0.1		32660	25.15	26.35	1.20				
			0.1		32661	26.35	27.55	1.20				
					32662	27.55	28.75	1.20				
			0.1		32663	28.75	29.95	1.20				
			0.1		32664	29.95	31.15	1.20				
			0.1		32665	31.15	32.35	1.20				
			0.1		32666	32.35	33.55	1.20				
			0.1		32667	33.55	34.75	1.20				

DRILL LOG

GEOLOGY				VISUAL		ASSAY RESULTS					
From	To	Code	Comment	Cp %	Py%	Sample	From	To	Length	Au gpt	Cu %
0.00	4.80	OVB	Overburden Core recovery was measured to begin at 15.58'. The driller's block indicate that they placed 3.05 m (10.0 ft) of NW casing. NOTE: All the core is systematically tested for pervasive carbonate using dilute hydrochloric acid (HCl) and potassium ferricyanide (KFC). The acid fizzes in contact with calcite and the KFC stains the core blue in the presence of ankerite. In certain areas, the core is tested with a magnet to determine relative magnetite content.	0.1		32492	4.75	5.95	1.20		
104.39		EOH	End of hole.								

DOWNHOLE ORIENTATION SURVEYS

Depth	Test	Az	Dip	Type	Comments
0.00	267.0°	267.0°	-60.0°	Collar	
9.75	281.0°	269.8°	-59.9°	Multi	
12.80	279.0°	267.8°	-59.9°	Multi	
15.85	279.5°	268.3°	-60.0°	Multi	
18.90	280.4°	269.2°	-59.9°	Multi	
21.95	279.6°	268.4°	-59.8°	Multi	
24.99	279.4°	268.2°	-59.8°	Multi	
28.04	279.2°	268.0°	-59.9°	Multi	
31.09	279.7°	268.5°	59.8°	Multi	
34.14	279.3°	268.1°	-59.6°	Multi	
37.19	281.0°	269.8°	-59.6°	Multi	
40.23	277.9°	266.7°	-59.6°	Multi	
43.28	278.5°	267.3°	-59.5°	Multi	
46.33	277.9°	266.7°	-59.5°	Multi	
49.38	277.1°	265.9°	-59.3°	Multi	
52.43	285.6°	274.4°	-59.1°	Multi	
55.47	278.0°	266.8°	-59.0°	Multi	
58.52	273.2°	262.0°	-58.9°	Multi	
61.57	287.6°	276.4°	-58.8°	Multi	
64.62	284.4°	273.2°	-58.8°	Multi	
67.67	283.4°	272.2°	-58.6°	Multi	
70.71	282.1°	270.9°	-58.8°	Multi	
73.76	282.0°	270.8°	-58.5°	Multi	
76.81	280.6°	269.4°	-58.4°	Multi	
79.86	280.7°	269.5°	-58.3°	Multi	
82.91	281.7°	270.5°	-58.3°	Multi	
85.95	281.7°	270.5°	-58.1°	Multi	
89.00	281.4°	270.2°	-58.3°	Multi	
92.05	281.7°	270.5°	-58.0°	Multi	
95.10	282.0°	270.8°	-57.9°	Multi	
98.15	281.7°	270.5°	-57.9°	Multi	

GEOTECHNICAL INFORMATION

From	To	Len	Core	Rec (%)	>10cm	RQD (%)	Breaks
4.8	6.9	2.1	2.1	100	1.7	82	12
6.9	9.9	3.1	3.0	98	2.2	71	19
9.9	13.0	3.1	3.0	99	1.3	41	10
13.0	16.0	3.1	3.0	98	3.0	96	11
16.0	19.2	3.2	3.0	95	2.0	64	11
19.2	22.1	2.9	3.0	106	2.3	80	18
22.1	25.2	3.1	3.0	98	3.0	97	11
25.2	28.2	3.1	3.0	99	2.8	91	15
28.2	31.2	3.0	3.0	100	2.7	88	14
31.2	37.4	6.2	3.0	49	1.7	28	16
37.4	43.5	6.1	3.0	50	5.4	89	24
43.5	47.9	4.4	3.0	67	3.9	87	17
47.9	49.5	1.7	3.1	185	1.7	100	8
49.5	52.6	3.1	3.0	100	2.8	93	8
52.6	55.6	3.1	3.0	99	2.6	86	12
55.6	58.7	3.1	3.0	99	2.4	80	19
58.7	61.8	3.1	3.1	99	2.8	92	7
61.8	64.6	2.9	3.0	105	2.6	92	9
64.6	67.8	3.2	3.0	94	3.0	94	12
67.8	70.9	3.0	3.1	100	2.4	79	12
70.9	73.9	3.1	3.0	100	2.2	72	14
73.9	77.0	3.1	3.0	100	3.1	100	7
77.0	80.0	3.1	3.0	99	2.5	81	14
80.0	83.1	3.1	3.0	98	2.4	78	14
83.1	86.1	3.1	3.0	99	2.9	93	6
86.1	89.2	3.1	0.9	29	0.3	9	2
89.2	92.2	3.1	3.0	100	2.6	86	3
92.2	95.3	3.0	3.0	100	3.1	100	3
95.3	98.3	3.1	3.1	100	3.1	100	12
98.3	101.4	3.1	3.1	100	2.8	92	12
101.4	104.4	3.1	3.1	100	2.8	92	17

Golden Target Project

Drill Log CR2014-09

COLLAR INFORMATION

Claim: 4273175
Projection: NAD83 17N **Azimuth:** 94.70°
Easting: 539,678.00 m **Dip:** -60.00°
Northing: 5,359,937.00 m **Length:** 47.85 m
Elevation: 366.00 m **Core Size:** NQ
Storage: CanREE explo site

WORK DONE BY

Work	From	To	Worker	Start	End
Drilling	0.0	47.9	Walker Drilling	2014-Sep-04	Sep-05
Downhole Survey	0.0	47.9	Walker Drilling	2014-Sep-05	Sep-05
Core Logging	0.0	47.9	Athraa Koma	2014-Sep-11	Sep-11
Core Logging	0.0	47.9	Dennis Patron	2014-Sep-11	Sep-11

Comments: 0.5%- 3% pyrite concentrations hosted in amphibolite were presumed to be hosting PGE. There is a PGE mark at the table of descriptions where the samples needs to be assayed for PGE.

DRILL LOG

GEOLOGY				VISUAL		ASSAY RESULTS					
From	To	Code	Comment	Cp %	Py%	Sample	From	To	Length	Au gpt	Cu %
35.70	47.87	AMSY	Amphibolite Syenite package There is a gradual transition into an amphibolitic zone from the well defined gabbro host. It becomes dark grey coloured (with a reddish tone), fine/ medium, grained, massive, with a faint lighter grey speckling caused by calcite in the matrix. With the aid of a lens, it is seen to contain fine aggregates and feathery grains of black amphibole in a dark greyish, fine grained, calcite- feldspar matrix/ groundmass. Below are the intervals of the amphibolite and the syenite with their corresponding upper and lower contact including their pyrite modal percentages. 35.70-37.70: Amphibolite. UC= 40°ca, LC =120°ca, trace to locally 2% Py 37.70-37.80: Syenite Dyke. UC =120°ca, LC= 90°ca, Trace Py 37.80-37.90: Amphibolite. UC= 90°ca, LC= 40°ca, 1% Py 37.90-38.10: Syenite dyke. UC= 40°ca, LC=70°ca, tr Py 38.10-38.90: Amphibolite with 1% syenite dykes. UC=70°ca, LC= 45°ca, Trace Py 38.90-39.20: 70% Syenite and 30% amphibolite. UC= 45°ca, LC =125°ca, Py 2% 39.20-40.00: 98% amphibolite 2% syenite dykes. UC =125°ca, LC =160°ca, Trace Py 40.00-40.20: Syenite dyke. UC=160°ca, LC =120°ca, Trace Py. 40.20-40.35: Amphibolite. UC =120°ca, LC =130°ca, Trace Py 40.35-40.85: Syenite dyke with amphibolite inclusions. UC=130°ca ,LC=40°ca, 0.5% Py 40.85-42.50: 95% amphibolite 5% syenite dykes. UC=40°ca, LC=50°ca, Trace-2% Py locally 42.50-42.70: Syenite dykes. UC and LC is 50°ca, tr Py 42.70-43.95: 98% Amphibolitwe and 2% Syenite dykes. UC and LC is 50°ca, tr Py 43.95-44.15: Syenite Dyke. UC=50°ca, 40°ca, Trace Py.	2.0		32746	36.50	37.70	1.20		
				0.1		32747	37.70	38.90	1.20		
				0.1		32748	38.90	40.10	1.20		
				0.1		32749	40.10	41.30	1.20		
				3.0		32751	41.30	42.50	1.20		
				2.0		32752	42.50	43.70	1.20		
				0.1		32753	43.70	44.90	1.20		
				2.0		32754	44.90	46.10	1.20		
				2.0		32755	46.10	47.10	1.00		
						41467	47.10	47.90	0.80		

DRILL LOG

GEOLOGY				VISUAL		ASSAY RESULTS					
From	To	Code	Comment	Cp %	Py%	Sample	From	To	Length	Au gpt	Cu %
			44.15-47.87: 90% Amphibolite and 10% Syenite Dykes. UC=40°ca, 1% to 2% Py.								
1.70	35.70	GB	Fine to medium Grained Gabbro This hole is collared into a a camp name Fine to Medium grained Gabbro. This is the gabbro zone that was missed by CR-2014-06E and is exposed at the surface. This short drillhole was done just to measure the thickness of the gabbro that is exposed at the surface. The hole started as broken core up to m meters depth. It becomes solid after that interval. This gabbro occurs as massive, medium grained, salt and peppery zones comprised of millimetric black, stubby, ferromagnesian laths in a fine grained, yellowish buff coloured when dry, feldspathic groundmass. Quartz veining is negligible but if present is usually mm thick and has no definite orientation. Fine fractures are ankeritic while the matrix is essentially non reactive to HCL but weakly to moderately reactive to KFC which means that the alteration present is ankerite. Fractures are generally coated by chlorite and was counted individually in the RQD page. Only trace pyrite (Py) crystals were noted scattered through the matrix and along fractures. It is on this rock that scandium and yttrium is presumed to be hosted. At 4.5 m to 6.1 meters there are 5 pcs of quartz veins (1 cm to 3 cm thick) and oriented at 60 or 120°ca. At this zone there is 1% fine Py disseminations. There is one piece of pyrite in the quartz verin located at 6.1 m mark.	0.1		32716	1.70	2.90	1.20		
				0.1		32717	2.90	4.10	1.20		
				0.5		32718	4.10	5.30	1.20		
				1.0		32719	5.30	6.50	1.20		
				1.0		32720	6.50	7.70	1.20		
				0.1		32721	7.70	8.90	1.20		
				0.1		32722	8.90	10.10	1.20		
				0.1		32723	10.10	11.30	1.20		
				0.1		32724	11.30	12.50	1.20		
				0.1		32726	12.50	13.70	1.20		
				0.1		32727	13.70	14.90	1.20		
				0.1		32728	14.90	16.10	1.20		
				0.1		32729	16.10	17.30	1.20		
				0.1		32730	17.30	18.50	1.20		
				0.1		32731	18.50	19.70	1.20		
				0.1		32732	19.70	20.90	1.20		
				0.1		32733	20.90	22.10	1.20		
				0.1		32734	22.10	23.30	1.20		
				0.1		32735	23.30	24.50	1.20		
				0.1		32736	24.50	25.70	1.20		
				0.1		32737	25.70	26.90	1.20		
				0.1		32738	26.90	28.10	1.20		
				0.1		32739	28.10	29.30	1.20		
				0.1		32740	29.30	30.50	1.20		
				0.1		32741	30.50	31.70	1.20		
				0.1		32742	31.70	32.90	1.20		
				0.1		32743	32.90	34.10	1.20		
				0.1		32744	34.10	35.30	1.20		
				2.0		32745	35.30	36.50	1.20		
0.00	1.70	OVB	Overburden Core recovery was measured to begin at 5.58'. The driller's block indicate that they placed 3.05 m (10.0 ft) of NW casing. NOTE: All the core is systematically tested for pervasive carbonate using dilute hydrochloric acid (HCl) and potassium ferricyanide (KFC). The acid fizzes in contact with calcite and the KFC stains the core blue in the presence of ankerite. In certain areas, the core is tested with a magnet to determine relative magnetite content.								
47.85		EOH	End of hole.								

DOWNHOLE ORIENTATION SURVEYS

Depth	Test	Az	Dip	Type	Comments
0.00	94.7°	94.7°	-60.0°	Collar	
11.28	106.7°	95.5°	-59.0°	Multi	
14.33	109.6°	98.4°	-59.1°	Multi	
17.37	107.5°	96.3°	-59.1°	Multi	
20.42	106.6°	95.4°	-59.1°	Multi	
23.47	107.7°	96.5°	-59.2°	Multi	
26.52	107.4°	96.2°	-59.1°	Multi	
29.57	108.6°	97.4°	-59.1°	Multi	
32.61	107.5°	96.3°	-59.2°	Multi	
35.66	107.4°	96.2°	-59.2°	Multi	
38.71	108.9°	97.7°	-59.4°	Multi	
41.76	108.1°	96.9°	-59.5°	Multi	
44.81	107.2°	96.0°	-59.4°	Multi	

GEOTECHNICAL INFORMATION

From	To	Len	Core	Rec (%)	>10cm	RQD (%)	Breaks
1.7	5.2	3.5	3.1	89	1.2	36	4
5.2	8.2	3.1	3.0	99	2.5	83	15
8.2	11.3	3.1	3.0	99	2.8	93	7
11.3	14.3	3.1	3.0	100	3.0	97	20
14.3	17.4	3.1	3.0	99	2.8	92	25
17.4	20.4	3.0	3.0	99	2.5	83	41
20.4	23.5	3.1	3.0	99	3.0	97	22
23.5	26.5	3.1	3.0	99	2.7	88	8
26.5	29.6	3.1	3.0	98	2.8	92	27
29.6	32.6	3.1	3.0	98	2.6	84	13
32.6	35.7	3.1	3.0	100	2.6	86	6
35.7	38.7	3.1	3.0	99	2.6	85	14
38.7	41.8	3.1	3.1	100	2.6	85	10
41.8	44.8	3.1	3.0	100	2.6	86	11
44.8	47.9	3.1	3.0	99	2.9	95	21

Golden Target Project

Drill Log CR2014-10

COLLAR INFORMATION

Claim: 4273194
Projection: NAD83 17N **Azimuth:** 101.80°
Easting: 539,700.00 m **Dip:** -60.00°
Northing: 5,359,758.00 m **Length:** 107.59 m
Elevation: 360.00 m **Core Size:** NQ

Storage: CanREE explo site

Comments:

WORK DONE BY

Work	From	To	Worker	Start	End
Drilling	0.0	107.6	Walker Drilling	2014-Sep-08	Sep-09
Downhole Survey	0.0	107.6	Walker Drilling	2014-Sep-09	Sep-09
Core Logging	0.0	107.6	Dennis Patron	2014-Sep-12	Sep-12

DRILL LOG

GEOLOGY				VISUAL		ASSAY RESULTS					
From	To	Code	Comment	Cp %	Py%	Sample	From	To	Length	Au gpt	Cu %
98.80	107.60	AMSY	Amphibolite Syenite Package. A sharp contact of 110°ca reverts back to the amphibolite syenite package. The estimated percentage is 60% amphibolite and 40% Syenite. The rock is weakly ankeritic, non calcareous and weakly to moderately magnetic. Trace to 2% pyrite disseminations. Below are the details of the lithology for this interval.	0.1		30538	99.20	100.40	1.20		
				0.5		30539	100.40	101.60	1.20		
				1.0		30540	101.60	102.80	1.20		
				1.0		30541	102.80	104.00	1.20		
						30542	104.00	105.30	1.30		
						41866	105.30	106.60	1.30		
						41915	106.70	107.72	1.02		
			98.80- 99.70: Syenite with amphibolite inclusions. UC and LC=110°ca, 0.5% Py								
			99.70-105.70: 95% amphibolite with 5% cm scale syenite dykes oriented at various directions. UC=110°ca and LC=60°ca, 0.5% to 2% Py								
			105.70-107.62: 95% Syenite with 5% amphibolite. UC=60 dte, 0.5% Py.								
77.50	98.80	GB	Fine to medium Grained Gabbro Through a gradational contact, the hole rolls into another typical gabbroic phase, fine to medium grained, massive, homogenous and salt and pepper textured, the overall medium grey green colour formed from 30-50% dark green coloured altered ferromagnesians in a fine grained, feldspathic groundmass. About 35% of the gabbroic unit is amphibolitized to a dark greenish grey/ black colour and fine to medium grain size. This rock started with a chlorite altered sheared zone 40 cm long oriented at 130°ca.	0.5		30519	77.60	78.80	1.20		
				0.5		30520	78.80	80.00	1.20		
				0.5		30521	80.00	81.20	1.20		
				0.5		30522	81.20	82.40	1.20		
				0.1		30523	82.40	83.60	1.20		
				0.1		30524	83.60	84.80	1.20		
				0.1		30526	84.80	86.00	1.20		
						30527	86.00	87.20	1.20		
				0.5		30528	87.20	88.40	1.20		
				0.5		30529	88.40	89.60	1.20		
			81.95-82.41: Sheared Zone consisting of several mm thick quartz veinings that is oriented 120°ca to 130°ca. Some of the veins are contorted.	0.1		30530	89.60	90.80	1.20		
				0.1		30531	90.80	92.00	1.20		
				0.1		30532	92.00	93.20	1.20		
			84.50-84.55: Syenite Vein. UC and LC =140°ca, trace Py	0.5		30533	93.20	94.40	1.20		
			85.70-85.80: sheared zone oriented 130°ca filled with epidote	0.1		30534	94.40	95.60	1.20		
				0.1		30535	95.60	96.80	1.20		
			86.60-87.10: Sheared zone that appears like an epidote altered zone showing patches of epidote. 0.5% Py.	0.1		30536	96.80	98.00	1.20		
				0.1		30537	98.00	99.20	1.20		

DRILL LOG

GEOLOGY				VISUAL		ASSAY RESULTS					
From	To	Code	Comment	Cp %	Py%	Sample	From	To	Length	Au gpt	Cu %
32.10	77.50	GBFP	Porphyritic Gabbro		0.5	32781	33.20	34.40	1.20		
			A well defined contact at 140°ca marks a distinct change to a phenocrystic texture that is very competent and weakly fractured giving the core a solid appearance. To this point, the porphyry is light/ medium greyish green/beige coloured with a few large spots of light yellowish grey feldspar phenos 1 cm in diameter. It is finely speckled (4-8%) with pale yellow sericitized ferromagnesian minerals that stand out in a groundmass of faint grey feldspar phenos and dark green fine to medium grained groundmass. Below 52.00m, there is a reversal in colour whereby 10- 15% dark green to black mafic grains are interstitial to 25- 35% densely packed, millimetric, dull grey, tabular feldspar crystals in a fine grained feldspathic groundmass forming a massive medium grained host containing a few scattered mafic inclusions. The rock is moderately magnetic, no calcareous and weakly to moderately ankeritic. Epidote vein located at 39.50- 39.6 oriented at 30°ca.		0.5	32782	34.40	35.60	1.20		
					2.0	32783	35.60	36.80	1.20		
					1.0	32784	36.80	38.00	1.20		
					1.0	32785	38.00	39.20	1.20		
					1.0	32786	39.20	40.40	1.20		
					1.0	32787	40.40	41.60	1.20		
					1.0	32788	41.60	42.80	1.20		
					1.0	32789	42.80	44.00	1.20		
					0.5	32790	44.00	45.20	1.20		
					0.5	32791	45.20	46.40	1.20		
					0.5	32792	46.40	47.60	1.20		
					0.1	32793	47.60	48.80	1.20		
					0.1	32794	48.80	50.00	1.20		
					0.5	32795	50.00	51.20	1.20		
					0.5	32796	51.20	52.40	1.20		
			Epidote, chlorite and quartz veins occur at these intervals.		0.5	32797	52.40	53.60	1.20		
					0.5	32798	53.60	54.80	1.20		
			44.05-44.10: Chlorite vein oriented 110°ca.		0.5	32799	54.80	56.00	1.20		
			46.05-46.25: Epidote vein oriented at 70°ca		0.5	30501	56.00	57.20	1.20		
			46.80: Quartz Vein oriented 70°ca, 1 cm		0.1	30502	57.20	58.40	1.20		
			49.70-49.80: Epidote vein oriented at 60°ca		0.5	30503	58.40	59.60	1.20		
			49.70-51.10: Quartz veinlet that trends sub parallel to the core axis.		0.1	30504	59.60	60.80	1.20		
					0.5	30505	60.80	62.00	1.20		
			51.95-52.15: Quartz vein trends 40°ca		0.1	30506	62.00	63.20	1.20		
			52.98-53.05: Quartz epidote vein trends 120°ca			30507	63.20	64.40	1.20		
			69.01: Syenite dyke oriented at 110°ca 3 cm thick.		0.1	30508	64.40	65.60	1.20		
			70.15: Chlorite vein oriented at 60°ca , 3 cm		0.1	30509	65.60	66.80	1.20		
			72.90-73.00: Fault slip filled with chlorite oriented at 125°ca.		0.5	30510	66.80	68.00	1.20		
			73.20: Fault slip filled with chlorite 3 cm thick oriented 120°ca.		0.5	30511	68.00	69.20	1.20		
			76.60: Fault slip filled with chlorite 3 cm oriented at 70°ca.		0.5	30512	69.20	70.40	1.20		
					0.1	30513	70.40	71.60	1.20		
					0.5	30514	71.60	72.80	1.20		
					0.5	30515	72.80	74.00	1.20		
					0.5	30516	74.00	75.20	1.20		
					0.5	30517	75.20	76.40	1.20		
					0.5	30518	76.40	77.60	1.20		
23.60	32.10	GB	Fine to medium Grained Gabbro			32772	23.60	24.80	1.20		
			A subtle contact from the amphibolite comes the camp name fine to medium grained Gabbro. The percent of pyroxene is more than the amphiboles is the indicator of the change in rock type. This unit is lighter in color than above to medium grey, massive, crystalline and homogenous. It is pyroxene rich, salt and pepper texture. The rock generally have trace pyrite but local occurrence of 1% occur at 25.5 meter mark. The rock is non calcareous, weakly ankeritic and strongly magnetic. The rock is solid, strongly competent and rarely fractured. There are 2 phenocryst of feldspar 2 cm in diameter located at 23.05 and 23.40 respectively.			32773	24.80	26.00	1.20		
						32774	26.00	27.20	1.20		
						32776	27.20	28.40	1.20		
						32777	28.40	29.60	1.20		
						32778	29.60	30.80	1.20		
					0.1	32779	30.80	32.00	1.20		
						32780	32.00	33.20	1.20		

DRILL LOG

GEOLOGY				VISUAL		ASSAY RESULTS					
From	To	Code	Comment	Cp %	Py%	Sample	From	To	Length	Au gpt	Cu %
12.80	23.60	AM	Amphibolite A sharp contact of 30°ca marks the beginning of this fine grained, dark grey, amphibole rich mafic intrusive we now called amphibolite. The rock is massive, homogenous and crystalline. There are local cm scale syenite dykes that cuts into the unit approximately 1% of the interval. Below are the details of those syenite dykes. The rock is non ankeritic, non calcareous, moderately magnetic. Pyrites occurs as trace to locally 0.5%. Below are the syenite dyklets that cuts into this amphibolite (location: Orientation, thickness) 13.50: 80°ca, 2 cm 16.80: 130°ca, 2 cm 17.20: 90°ca, 1 cm 19.25: 60°ca, 2 cm 19.90: 70°ca, 1 cm			32763 32764 32765 32766 32767 32768 32769 32770 32771	12.80 14.00 15.20 16.40 17.60 18.80 20.00 21.20 22.40	14.00 15.20 16.40 17.60 18.80 20.00 21.20 22.40 23.60	1.20 1.20 1.20 1.20 1.20 1.20 1.20 1.20 1.20		
0.20	12.80	AMSY	Syenite Amphibolite Package The hole is collared into a mixed package of 60% syenite and 40% amphibolite. This mixed rock appears like a Breccia Zone because angular fragments of amphibolite appearing like inclusions are common. As previously mentioned that the amphibolite protolith is probably basalt. Below are the details of their corresponding intervals, upper and lower contact including the modal percentage of Pyrite. The amphibolite is hosting most of the pyrite mineralization from trace to locally 1%. This unit is non ankeritic non calcareous and weakly magnetic depending on the amount of amphibolite. 0.20- 4.15: 98% amphibolite and 2% syenite dykes. LC =110°ca, 0.5% Py 4.15- 5.75: Maroonish pink syenite due to hematite alteration. UC=110°ca, LC=70°ca, trace Py 5.75- 6.50: Broken of 98% amphibolite and 2% syenite dyke. UC=70°ca, Trace Py 6.50- 7.00: Maroonish pink syenite due to hematite alteration. LC =110°ca, Trace PY 7.00- 7.40: Amphibolite. UC=110, LC=70°ca, Trace Py 7.40- 7.90: Massive syenite. UC=70°ca, LC=45°ca, Trace Py 7.90-10.30: 95% amphibolite and 5% syenite dykes. UC=45°ca, LC=60°ca, 0.5% Py 10.30-10.50: Massive Syenite. UC=60°ca, LC=130°ca, Trace py 10.50-10.70: Amphibolite. UC=130°ca, LC=120°ca, trace Py 10.70-12.90: 90% Syenite and 10% Amphibolite. UC=120°ca, LC=90°ca, trace to 1% Py			32756 32757 32758 41469 41470 41471 32759 32760 32761 32762	0.20 1.40 2.60 3.90 5.10 6.50 8.00 9.20 10.40 11.60 12.80	1.40 2.60 3.90 5.10 6.50 8.00 9.20 10.40 11.60 12.80	1.20 1.20 1.30 1.20 1.40 1.50 1.20 1.20 1.20 1.20		
0.00	0.20	OVB	Overburden Core recovery was measured to begin at 0.656'. The driller's block indicate that they placed 1.52 m (5.00 ft) of NW casing. NOTE: All the core is systematically tested for pervasive carbonate using dilute hydrochloric acid (HCl) and potassium ferricyanide (KFC). The acid fizzes in contact with calcite and the KFC stains the core blue in the presence of ankerite. In certain areas, the core is tested with a magnet to determine relative magnetite content.								
107.59		EOH	End of hole.								

DOWNHOLE ORIENTATION SURVEYS

Depth	Test	Az	Dip	Type	Comments
0.00	101.8°	101.8°	-60.0°	Collar	
10.06	112.1°	100.9°	-59.3°	Multi	
13.11	113.8°	102.6°	-59.1°	Multi	
16.15	113.1°	101.9°	-59.0°	Multi	
19.20	115.8°	104.6°	-59.0°	Multi	
22.25	117.4°	106.2°	-59.1°	Multi	
25.30	117.5°	106.3°	-59.2°	Multi	
28.35	114.6°	103.4°	-59.3°	Multi	
31.39	115.3°	104.1°	-59.3°	Multi	
34.44	114.8°	103.6°	-59.3°	Multi	
37.49	114.2°	103.0°	-59.3°	Multi	
40.54	116.7°	105.5°	-59.3°	Multi	
43.59	115.9°	104.7°	-59.3°	Multi	
46.63	116.5°	105.3°	-59.3°	Multi	
49.68	117.7°	106.5°	-59.4°	Multi	
52.73	115.5°	104.3°	-59.2°	Multi	
55.78	115.2°	104.0°	-59.4°	Multi	
58.83	115.3°	104.1°	-59.3°	Multi	
61.87	116.2°	105.0°	-59.3°	Multi	
64.92	116.5°	105.3°	-59.5°	Multi	
67.97	115.1°	103.9°	-59.4°	Multi	
71.02	115.9°	104.7°	-59.5°	Multi	
74.07	117.8°	106.6°	-59.6°	Multi	
77.11	117.4°	106.2°	-59.6°	Multi	
80.16	116.2°	105.0°	-59.6°	Multi	
83.21	116.0°	104.8°	-59.6°	Multi	
86.26	117.8°	106.6°	-59.7°	Multi	
89.31	117.6°	106.4°	-59.6°	Multi	
92.35	118.6°	107.4°	-59.7°	Multi	
95.40	118.8°	107.6°	-59.6°	Multi	
98.45	119.1°	107.9°	-59.7°	Multi	
101.50	115.4°	104.2°	-59.7°	Multi	
104.55	118.0°	106.8°	-59.6°	Multi	

GEOTECHNICAL INFORMATION

From	To	Len	Core	Rec (%)	>10cm	RQD (%)	Breaks
0.2	4.0	3.8	3.7	98	3.1	83	22
4.0	7.0	3.1	3.0	99	1.9	63	11
7.0	10.1	3.1	3.0	99	2.4	78	16
10.1	13.1	3.1	3.0	100	2.6	85	19
13.1	16.2	3.1	3.0	99	1.6	52	21
16.2	19.2	3.0	3.0	99	2.2	74	24
19.2	22.3	3.1	3.0	99	2.9	94	9
22.3	25.3	3.0	3.0	99	2.9	94	8
25.3	28.4	3.1	3.0	98	2.9	96	18
28.4	31.4	3.1	3.0	98	2.9	93	8
31.4	34.5	3.1	3.0	100	2.9	94	8
34.5	37.8	3.4	3.0	90	3.2	95	3
37.8	40.6	2.8	3.1	111	3.0	109	0
40.6	43.6	3.1	3.0	100	2.9	94	1
43.6	46.7	3.1	3.0	99	3.1	100	2
46.7	49.7	3.0	3.0	100	2.8	92	3
49.7	52.8	3.1	3.1	99	2.8	90	3
52.8	55.8	3.0	3.0	100	3.0	98	4
55.8	58.8	3.1	3.0	100	2.6	86	10
58.8	61.9	3.1	3.0	100	2.7	88	8
61.9	64.9	3.1	3.0	100	3.0	98	9
64.9	68.0	3.1	3.0	99	2.7	90	8
68.0	71.0	3.1	3.0	99	2.9	96	3
71.0	74.1	3.1	3.0	100	2.4	78	11
74.1	77.1	3.1	3.1	100	2.5	80	17
77.1	80.2	3.0	3.0	100	2.6	86	16
80.2	83.2	3.1	3.0	100	2.2	72	24
83.2	86.3	3.1	3.0	100	1.8	59	22
86.3	89.3	3.1	3.0	100	2.2	72	16
89.3	92.4	3.1	3.0	100	2.7	87	11
92.4	95.4	3.1	3.0	100	2.4	78	13
95.4	98.5	3.1	3.0	100	2.3	76	12
98.5	101.5	3.0	3.1	100	2.4	80	13
101.5	104.6	3.1	3.1	100	2.3	74	4
104.6	107.6	3.1	3.1	100	2.4	77	8

Golden Target Project

Drill Log CR2014-11

COLLAR INFORMATION

Claim: 4276170
Projection: NAD83 17N **Azimuth:** 99.30°
Easting: 539,568.00 m **Dip:** -60.00°
Northing: 5,360,649.00 m **Length:** 101.50 m
Elevation: 360.00 m **Core Size:** NQ

Storage: CanREE explo site

Comments: The drill breakdown that's why it took them a long time to finish this hole.

WORK DONE BY

Work	From	To	Worker	Start	End
Drilling	0.0	101.5	Walker Drilling	2014-Sep-05	Sep-14
Downhole Survey	0.0	101.5	Walker Drilling	2014-Sep-14	Sep-14
Core Logging	0.0	101.5	Athraa Koma	2014-Sep-13	Sep-13
Core Logging	0.0	101.5	Dennis Patron	2014-Sep-13	Sep-13

DRILL LOG

GEOLOGY				VISUAL		ASSAY RESULTS					
From	To	Code	Comment	Cp %	Py%	Sample	From	To	Length	Au gpt	Cu %
26.20	101.60	GBFP	Porphyritic Gabbro	0.5		32820	26.60	27.80	1.20		
			A well defined contact at 140°ca marks a distinct change to a phenocrystic texture that is very competent and weakly fractured giving the core a solid appearance. To this point, the porphyry is light/ medium greyish green/beige coloured with a few large spots of light yellowish grey feldspar phenos 1 cm in diameter. It is finely speckled (4-8%) with pale yellow sericitized ferromagnesian minerals that stand out in a groundmass of faint grey feldspar phenos and dark green fine to medium grained groundmass. dark green to black mafic grains are interstitial to 25- 35% densely packed, millimetric, dull grey, tabular feldspar crystals in a fine grained feldspathic groundmass forming a massive medium grained host containing a few scattered mafic inclusions. The rock is moderately magnetic, no calcareous and weakly to moderately ankeritic.	0.5		32821	27.80	29.00	1.20		
				0.5		32822	29.00	30.20	1.20		
				0.5		32823	30.20	31.40	1.20		
				0.5		32824	31.40	32.60	1.20		
				0.5		32826	32.60	33.80	1.20		
				0.5		32827	33.80	35.00	1.20		
				0.5		32828	35.00	36.20	1.20		
				0.5		32829	36.20	37.40	1.20		
				0.5		32830	37.40	38.60	1.20		
				0.5		32831	38.60	39.80	1.20		
				0.5		32832	39.80	41.00	1.20		
				0.5		32833	41.00	42.20	1.20		
				0.5		32834	42.20	43.40	1.20		
			58.70-63.95: Fine Grained Gabbro. UC=40°ca LC=60°ca	0.5		32835	43.40	44.60	1.20		
			There are several fault slips with gouge, chlorite and calcite located at:	0.5		32836	44.60	45.80	1.20		
				0.5		32837	45.80	47.00	1.20		
			71.70: 5 cm, 110°ca,	1.0		32838	47.00	48.20	1.20		
			72.20: 3 cm, 40°ca,	1.0		32839	48.20	49.60	1.40		
			75.50: 3 cm, 120°ca,	1.0		32840	49.60	50.80	1.20		
			76.50: 3 cm, 80°ca,	1.0		32841	50.80	52.00	1.20		
			79.20: 2 cm, 120°ca.	1.0		32842	52.00	53.20	1.20		
				1.0		32843	53.20	54.40	1.20		
				1.0		32844	54.40	55.60	1.20		
			81.80-81.90: Calcite vein. 60°ca.	0.5		32845	55.60	56.80	1.20		
			89.10-89.15: Sheared zone oriented at 130°ca	0.5		32846	56.80	58.00	1.20		
			92.20: Calcite vein. 3 cm, 125°ca	1.0		32847	58.00	59.20	1.20		
			95.03: Feldspar Phenos >1 cm dia.	1.0		32848	59.20	60.40	1.20		
			96.90-97.86: Broken Core.	0.1		32849	60.40	61.60	1.20		
			99.60: Calcite vein. 10 cm, 50°ca			40001	61.60	62.80	1.20		
				0.1		40002	62.80	64.00	1.20		
				0.5		40003	64.00	65.20	1.20		
				0.5		40004	65.20	66.40	1.20		
				1.0		40005	66.40	67.60	1.20		
				0.5		40006	67.60	68.80	1.20		
				0.5		40007	68.80	70.00	1.20		
				0.5		40008	70.00	71.20	1.20		
				1.0		40009	71.20	72.40	1.20		
				1.0		40010	72.40	73.60	1.20		
				1.0		40011	73.60	74.80	1.20		
				0.1		40012	74.80	76.00	1.20		
				0.1		40013	76.00	77.20	1.20		

DRILL LOG

GEOLOGY				VISUAL		ASSAY RESULTS					
From	To	Code	Comment	Cp %	Py%	Sample	From	To	Length	Au gpt	Cu %
					0.5	40014	77.20	78.40	1.20		
					3.5	40015	78.40	79.60	1.20		
					1.0	40016	79.60	80.80	1.20		
					0.5	40017	80.80	82.00	1.20		
					1.0	40018	82.00	83.20	1.20		
					1.0	40019	83.20	84.40	1.20		
					1.0	40020	84.40	85.60	1.20		
					2.0	40021	85.60	86.80	1.20		
					1.0	40022	86.80	88.00	1.20		
					1.0	40023	88.00	89.20	1.20		
					2.0	40024	89.20	90.40	1.20		
						40026	90.40	91.60	1.20		
					3.5	40027	91.60	92.80	1.20		
					1.0	40028	92.80	94.00	1.20		
					1.0	40029	94.00	95.20	1.20		
					0.5	40030	95.20	96.40	1.20		
					0.1	40031	96.40	98.00	1.60		
					0.1	40032	98.00	99.20	1.20		
					0.2	40033	99.20	100.40	1.20		
					0.5	40034	100.40	101.60	1.20		
10.20	26.20	GB	Fine to medium Grained Gabbro A quartz veinlet trending 70°ca and change in texture and color from dark grey to greenish grey marks the beginning of Fine to medium Grained Gabbro. This gabbro is medium greenish grey, fine to medium grained, massive and crystalline. It is intruded by syenite and amphibolite locally and altered by epidote as described below. Pyrite mineralization ranges from trace to locally 1%. The upper section of this hole is weakly hematized. The syenites have sharp contacts that is quite variable suggesting that no particular orientation does the syenite have. The rock is non ankeritic, non calcareous and moderately magnetic. The lower contact is sharp at 30°ca. 12.65-13.02: Syenite Dyke. UC and LC=60°ca, Trace Py 13.25-13.95: Epidote alteration zone. UC=70°ca, LC=110°ca, 0.5% Py 13.95-15.80: Feldspar Phyrlic Amphibolite. UC=110°ca, LC=120°ca, 0.5% Py 18.80-21.20: Fine Grained Gabbro. UC=60°ca, LC=130°ca, Trace Py	0.1	30545	11.00	12.20	1.20			
				0.5	30546	12.20	13.40	1.20			
					30547	13.40	14.60	1.20			
				0.5	30548	14.60	15.80	1.20			
				0.1	30549	15.80	17.00	1.20			
				0.1	32812	17.00	18.20	1.20			
				0.1	32813	18.20	19.40	1.20			
				0.1	32814	19.40	20.60	1.20			
				0.1	32815	20.60	21.80	1.20			
				0.1	32816	21.80	23.00	1.20			
				0.1	32817	23.00	24.20	1.20			
				0.1	32818	24.20	25.40	1.20			
				0.1	32819	25.40	26.60	1.20			
4.70	10.20	AM	Amphibolite The hole is collared into a dark grey, fine grained amphibole rich mafic volcanic. It is called amphibolite by SGS, hence, the rock name. The protolith of this rock before metamorphism is probably basalt because it is too dark and fine grained. There are no pyrite mineralization. The core is broken. There is a sheared zone from 8.6 to 9.5 meter mark exhibiting anostomosing quartz epidote veining like meshwork but no significant mineralization observed. There is a general trend in this veinlet network that trends 60°ca. Sampling starts at 8.6 meters. The rock is strongly magnetic, non calcareous and non ankeritic. Trace pyrites.	0.1	30543	8.60	9.80	1.20			
				0.1	30544	9.80	11.00	1.20			
0.00	4.70	OVB	Overburden Core recovery was measured to begin at 15.4'. The driller's block indicate that they placed 3.05 m (10.0 ft) of NW casing. NOTE: All the core is systematically tested for pervasive carbonate using dilute hydrochloric acid (HCl) and potassium ferricyanide (KFC). The acid fizzes in contact with calcite and the KFC stains the core blue in the presence of ankerite. In certain areas, the core is tested with a magnet to determine relative magnetite content.								
101.50		EOH	End of hole.								

DOWNHOLE ORIENTATION SURVEYS

Depth	Test	Az	Dip	Type	Comments
0.00	99.3°	99.3°	-60.0°	Collar	
12.19	111.3°	100.1°	-57.6°	Multi	
15.24	108.9°	97.7°	-57.0°	Multi	
18.29	114.0°	102.8°	-57.0°	Multi	
21.34	111.6°	100.4°	-57.1°	Multi	
24.38	105.4°	94.2°	-57.1°	Multi	
27.43	108.7°	97.5°	-57.0°	Multi	
30.48	106.8°	95.6°	-57.3°	Multi	
33.53	115.5°	104.3°	-57.2°	Multi	
36.58	122.3°	111.1°	-57.2°	Multi	
39.62	111.7°	100.5°	-57.3°	Multi	
42.67	111.0°	99.8°	-57.3°	Multi	
45.72	111.2°	100.0°	-57.4°	Multi	
48.77	108.7°	97.5°	-57.3°	Multi	
51.82	111.4°	100.2°	-57.4°	Multi	
54.86	121.5°	110.3°	-57.4°	Multi	
57.91	107.0°	95.8°	-57.3°	Multi	
60.96	112.8°	101.6°	-57.4°	Multi	
64.01	109.6°	98.4°	-57.2°	Multi	
67.06	114.4°	103.2°	-57.4°	Multi	
70.10	110.3°	99.1°	-57.6°	Multi	
73.15	112.6°	101.4°	-57.6°	Multi	
76.20	112.5°	101.3°	-57.5°	Multi	
79.25	111.7°	100.5°	-57.3°	Multi	
82.30	111.7°	100.5°	-57.5°	Multi	
85.34	113.0°	101.8°	-57.5°	Multi	
88.39	110.6°	99.4°	-57.5°	Multi	
91.44	109.8°	98.6°	-57.4°	Multi	
94.49	100.7°	89.5°	-57.4°	Multi	
97.54	108.6°	97.4°	-57.5°	Multi	

GEOTECHNICAL INFORMATION

From	To	Len	Core	Rec (%)	>10cm	RQD (%)	Breaks
4.4	4.7	0.3	0.3	91	0.0	0	3
4.7	6.6	1.8	3.0	166	1.3	73	11
6.6	9.6	3.1	3.0	99	1.7	54	13
9.6	12.7	3.1	3.0	100	2.8	91	6
12.7	15.7	3.1	3.0	99	2.8	90	12
15.7	18.8	3.1	3.0	99	2.5	80	25
18.8	21.8	3.1	3.0	99	2.4	80	16
21.8	24.9	3.1	3.0	99	3.0	97	4
24.9	27.9	3.1	3.0	98	2.6	85	9
27.9	30.9	3.0	3.0	99	2.8	94	11
30.9	34.0	3.0	3.0	101	2.8	94	5
34.0	37.0	3.1	3.0	99	2.8	90	8
37.0	40.1	3.1	3.1	99	2.9	94	3
40.1	43.1	3.1	3.0	100	3.0	97	7
43.1	46.2	3.1	3.0	99	2.9	96	9
46.2	49.2	3.1	3.0	100	2.2	71	7
49.2	52.3	3.1	3.1	100	2.6	85	12
52.3	55.3	3.1	3.0	98	2.9	96	7
55.3	58.4	3.0	3.0	100	2.5	81	13
58.4	61.3	3.0	3.0	103	2.7	93	13
61.3	64.8	3.5	3.0	88	2.3	68	19
64.8	67.5	2.7	3.0	111	2.8	101	12
67.5	70.6	3.1	3.0	99	2.4	77	14
70.6	73.6	3.0	3.0	100	2.2	73	12
73.6	76.7	3.1	3.1	100	1.8	60	16
76.7	79.7	3.1	3.0	100	2.7	88	14
79.7	82.8	3.0	3.0	100	2.5	82	11
82.8	85.8	3.1	3.0	100	1.9	63	15
85.8	88.7	2.9	3.0	105	2.4	83	9
88.7	91.8	3.1	3.0	100	2.3	76	6
91.8	94.8	3.1	3.0	100	2.4	77	7
94.8	97.9	3.0	3.0	100	1.7	56	9
97.9	100.9	3.1	3.1	100	1.7	54	15
100.9	101.6	0.7	0.7	100	0.7	100	4

Golden Target Project

Drill Log CR2014-12

COLLAR INFORMATION

Claim: 4273194
Projection: NAD83 17N **Azimuth:** 271.50°
Easting: 539,691.00 m **Dip:** -60.00°
Northing: 5,359,763.00 m **Length:** 196.29 m
Elevation: 366.00 m **Core Size:** NQ

Storage: CanREE explo site

Comments:

WORK DONE BY

Work	From	To	Worker	Start	End
Drilling	0.0	196.3	Walker Drilling	2014-Sep-09	Sep-12
Downhole Survey	0.0	196.3	Walker Drilling	2014-Sep-12	Sep-12
Core Logging	0.0	196.3	Dennis Patron	2014-Sep-14	Sep-14
Core Logging	0.0	196.3	Athraa Koma	2014-Sep-14	Sep-14

DRILL LOG

GEOLOGY				VISUAL		ASSAY RESULTS					
From	To	Code	Comment	Cp %	Py%	Sample	From	To	Length	Au gpt	Cu %
127.80	196.30	GB	Fine to medium Grained gabbro.			40035	128.00	129.20	1.20		
			A short interval of fine grained amphibolite marks the beginning of this	0.1		40036	129.20	130.40	1.20		
			Fine to Medium Grained Gabbro which is our target. Below are	0.1		40037	130.40	131.60	1.20		
			amphibolite or mafic intrusives that layered within this Gabbro. The	0.5		40038	131.60	132.80	1.20		
			contact angle are high that's why it is presumed to be sub-parallel with	0.5		40039	132.80	134.00	1.20		
			the gabbro layer. The contact angles are also sharp and very distinctive	0.1		40040	134.00	135.20	1.20		
			based on the color which is darker due to high amphibole content. In the	0.1		40041	135.20	136.40	1.20		
			interval below the amphibolite is fine grained and trace pyrite. The rock of	0.1		40042	136.40	137.60	1.20		
			the gabbro and amphibolite are non calcareous, moderate to strongly	0.1		40043	137.60	138.80	1.20		
			magnetic and non ankeritic. This gabbro contains 5 mm of felpar	0.1		40044	138.80	140.00	1.20		
			phenocrysts from 186.10- 196.3.	0.1		40045	140.00	141.20	1.20		
				0.1		40046	141.20	142.40	1.20		
			127.80-129.73: Amphibolite. UC=35°ca, LC=85°ca, trace Py	0.1		40047	142.40	143.60	1.20		
			158.41-159.61: Amphibolite. UC and LC=85°ca, Trace Py	0.1		40048	143.60	144.80	1.20		
				0.1		40049	144.80	146.00	1.20		
			149.60-150.60: In this zone appears like a sheared zone that contains a	0.1		40051	146.00	147.20	1.20		
			network of quartz veinlets that generally trends 25°ca approximately	0.1		40052	147.20	148.40	1.20		
			10%. No significant mineralization observed to be associated in this zone.	0.1		40053	148.40	149.60	1.20		
				0.1		40054	149.60	150.80	1.20		
			155.91-155.97: Quartz ankerite vein that trends 60°ca.	0.1		40055	150.80	152.00	1.20		
			157.40: 5 cm quartz ankerite vein. 110°ca, 0.5% Py	0.1		40056	152.00	153.20	1.20		
				0.1		40057	153.20	154.40	1.20		
			172.60: 10cm quartz vein with angular wallrock inclusions that is altered	0.1		40058	154.40	155.60	1.20		
			by chlorite and hematite and calcite. 130°ca, 0.5% Py	0.1		40059	155.60	156.80	1.20		
				5.0		40060	156.80	158.00	1.20		
			173.25: 5 cm quartz vein with angular wallrock inclusions that is altered			40061	158.00	159.20	1.20		
			by chlorite and hematite and calcite. 50°ca, 2% Py	0.1		40062	159.20	160.40	1.20		
				0.1		40063	160.40	161.60	1.20		
			173.40: 2 cm quartz vein with angular wallrock inclusions that is altered	0.1		40064	161.60	162.80	1.20		
			by chlorite and hematite and calcite. 130°ca, 2% Py	0.1		40065	162.80	164.00	1.20		
				0.1		40066	164.00	165.20	1.20		
			175.10: 5 cm hematite altered on the rims of the quartz veins. 30°ca, 2%	0.1		40067	165.20	166.40	1.20		
			Py	0.5		40068	166.40	167.60	1.20		
				0.5		40069	167.60	168.80	1.20		
			177.75: 1.5 cm quartz vein. 5% Py	0.5		40070	168.80	170.00	1.20		
			178.60: 5 cm, quartz calcite vein. 30°ca, trace Py	0.5		40071	170.00	171.20	1.20		
			192.35: 15 cm quartz epidote vein. 20°ca, 2% Py	0.5		40072	171.20	172.40	1.20		
			195.01: 5 cm quartz epidote vein. 5 cm, 130°ca, tr Py	0.5		40073	172.40	173.60	1.20		
			195.80: 5 cm quartz epidote vein. 5 cm, 145°ca, tr Py	3.0		40074	173.60	174.80	1.20		
				0.5		40075	174.80	176.00	1.20		
				1.5		40076	174.80	176.00	1.20		
				2.0		40077	176.00	177.20	1.20		
				3.0		40078	177.20	178.40	1.20		

DRILL LOG

GEOLOGY				VISUAL		ASSAY RESULTS					
From	To	Code	Comment	Cp %	Py%	Sample	From	To	Length	Au gpt	Cu %
					1.0	40079	178.40	179.60	1.20		
					0.5	40080	179.60	180.80	1.20		
					0.5	40081	180.80	182.00	1.20		
					0.5	40082	182.00	183.20	1.20		
					1.0	40083	183.20	184.40	1.20		
					1.0	40084	184.40	185.60	1.20		
					0.1	40085	185.60	186.80	1.20		
					0.5	40086	186.80	188.00	1.20		
						40087	188.00	189.20	1.20		
					1.0	40088	189.20	190.40	1.20		
					0.1	40089	190.40	191.60	1.20		
					0.5	40090	191.60	192.80	1.20		
					0.8	40091	192.80	194.00	1.20		
					1.0	40092	194.00	196.30	2.30		
118.95	127.80	SYEN	97% Syenite Dyke and 3% amphibolite			41785	119.20	120.40	1.20		
			The amphibolite that cuts into the syenite contains 15% late quartz calcite veinings mm scale and have no particular directions. Trace Py			41786	120.40	121.60	1.20		
						41787	121.60	122.80	1.20		
						41788	122.80	124.00	1.20		
			122.95-123.68: Amphibolite. UC=65°ca, LC=40°ca, Trace Py			41789	124.00	125.20	1.20		
			124.62-125.45: Amphibolite. UC=50°ca, LC=40°ca, Trace Py			41790	125.20	126.60	1.40		
						41791	126.60	128.00	1.40		
102.15	118.95	SY	Syenite Dyke with 5% Feldspar Phyrice amphibolite			41768	102.40	103.60	1.20		
			This intrusive package is dominated by 95% Syenite and 5% feldspar phyrice amphibolite. Details of the intervals were written below.			41769	103.60	104.80	1.20		
						41770	104.80	106.00	1.20		
						41771	106.00	107.20	1.20		
			102.15-109.85: Massive Syenite, UC=70°ca, LC=55°ca			41772	107.20	108.40	1.20		
			109.85-110.15: Feldspar Phyrice amphibolite. UC=55°ca, LC=110°ca			41773	108.40	109.60	1.20		
						41777	109.60	110.80	1.20		
			110.15-111.15: 95% Syenite Dyke and 5% Feldspar Phyrice amphibolite. UC=110°ca, LC=50°ca			41778	110.80	112.00	1.20		
						41779	112.00	113.20	1.20		
						41780	113.20	114.40	1.20		
			111.15-112.80: 98% Feldspar Phyrice amphibolite and 2% Syenite Dyke. UC=50°ca, LC=50°ca			41781	114.40	115.60	1.20		
						41782	115.60	116.80	1.20		
						41783	116.80	118.00	1.20		
			112.80-113.80: Massive Syenite. UC and LC=50°ca			41784	118.00	119.20	1.20		
			113.80-114.30: 98% Syenite Dyke and 2% Feldspar Phyrice amphibolite. UC=50°ca, LC=140°ca								
			114.30-116.30: Massive Syenite: UC=130°ca, LC=135°ca								
			116.30-118.95: 95% Feldspar Phyrice amphibolite, UC and LC=135°ca								
78.00	102.15	MVFP	Feldspar Phyrice amphibolite with 10% Syenite Dykes			41745	78.40	79.60	1.20		
			This amphibolite Syenite Package is similar to above except that the more dominant rock is the amphibolite. This amphibolite is also the Metachewan amphibolite containing feldspar phenos which is named as Feldspar Phyrice amphibolite.			41746	79.60	80.80	1.20		
						41747	80.80	82.00	1.20		
						41748	82.00	83.20	1.20		
						41752	83.20	84.40	1.20		
						41753	84.40	85.60	1.20		
			74.35- 82.20: 60% Syenite Dyke and 40% Feldspar Phyrice amphibolite. UC=120°ca, LC=60°ca, 1% Py			41754	85.60	86.80	1.20		
						41755	86.80	88.00	1.20		
						41756	88.00	89.20	1.20		
			82.80- 88.75: 50% Feldspar Phyrice amphibolite and 50% Syenite Dyke. UC=60°ca, LC=45°ca, tr Py			41757	89.20	90.40	1.20		
						41758	90.40	91.60	1.20		
						41759	91.60	92.80	1.20		
			88.75-102.15: 95% Feldspar Phyrice amphibolite and 5% Syenite Dyke. UC=45°ca, LC=70°ca, 0.5% Py			41760	92.80	94.00	1.20		
						41761	94.00	95.20	1.20		
						41762	95.20	96.40	1.20		
			within this section, there are two alteration zones containing epidote veins within the feldspar phyrice amphibolite syenite package. Their location and orientation are listed below			41763	96.40	97.60	1.20		
						41764	97.60	98.80	1.20		
						41765	98.80	100.00	1.20		
			97.70-98.05. UC=120°ca, LC=120°ca, 0.5% Py			41766	100.00	101.20	1.20		
			99.45-99.65. UC=70°ca, LC=130°ca, 1% Py			41767	101.20	102.40	1.20		

DRILL LOG

GEOLOGY				VISUAL		ASSAY RESULTS					
From	To	Code	Comment	Cp %	Py%	Sample	From	To	Length	Au gpt	Cu %
58.00	78.00	SY	Syenite Dykes with Feldspar Phyrlic Amphibolite			41728	58.00	59.20	1.20		
			This unit was lump as a Syenite-amphibolite package where in the Syenite is more dominant and the amphibolite contains 5% to 10% feldspar phenos. The amphibolite is usually contains feldspars phenocryst 1 cm diameter and I just termed it as Feldspar Phyrlic amphibolite. Below is the details of their intervals including the contact angles and the pyrite content is written on a table to the right corresponding their meterage.			41729	59.20	60.40	1.20		
						41730	60.40	61.60	1.20		
						41731	61.60	62.80	1.20		
						41732	62.80	64.00	1.20		
						41733	64.00	65.20	1.20		
						41734	65.20	66.40	1.20		
						41735	66.40	67.60	1.20		
			58.00-61.60: 98% Feldspar Phyrlic amphibolite and 2% amphibolites, UC=90°ca, LC=120°ca, 1% Py			41736	67.60	68.80	1.20		
						41737	68.80	70.00	1.20		
						41738	70.00	71.20	1.20		
			61.60-62.00: Massive Syenite. UC and LC=120°ca, tr Py			41739	71.20	72.40	1.20		
			62.00-62.30: Feldspar Phyrlic amphibolite. UC=120°ca, LC=135°ca, 0.5% Py			41740	72.40	73.60	1.20		
						41741	73.60	74.80	1.20		
			62.30-62.60: Massive Syenite. UC and LC=135°ca, tr Py			41742	74.80	76.00	1.20		
			62.60-62.80: Feldspar Phyrlic amphibolite. UC=135°ca, LC=130°ca, 0.5% Py			41743	76.00	77.20	1.20		
						41744	77.20	78.40	1.20		
			62.80-63.00: Massive Syenite. UC and LC=140°ca, 0.5%Py								
			63.00-63.95: 95% Feldspar Phyrlic amphibolite and 5% Syenite Dyke. UC and LC=130°ca, 1% Py								
			63.95-64.30: Massive Syenite. UC and LC=130°ca, 1% Py								
			64.30-64.50: Feldspar Phyrlic amphibolite. UC=130°ca, LC=20°ca, 1% Py								
			64.50-64.90: Massive Syenite. UC=20°ca, LC=65°ca, 0.5% Py								
			64.90-73.70: 98% Feldspar Phyrlic amphibolite and 2% Syenite Dyke. UC=65°ca, LC=70°ca, 1% Py								
			73.70-74.05: Massive Syenite. UC=70°ca, LC=90°ca, 0.5% Py								
			74.05-74.35: 98% Feldspar Phyrlic amphibolite and 2% Syenite Dyke. UC=90°ca, LC=120°ca, 0.5% Py								
46.60	58.00	SY	Syenite Dyke			41716	47.20	48.40	1.20		
			A sharp contact of 30°ca marks the start of a massive pinkish syenite. The color of this unit is thought to be the product of feldspar alteration. It is medium grained, and contains several sections of amphibolite which is described below. This interval is non to weakly-magnetic, weakly ankeritic and non calcareous. Trace to locally 1% pyrite disseminations.			41717	48.40	49.60	1.20		
						41718	49.60	50.80	1.20		
						41719	50.80	52.00	1.20		
						41720	52.00	53.20	1.20		
						41721	53.20	54.40	1.20		
						41722	54.40	55.60	1.20		
			46.60-46.90: Massive Syenite. UC=30°ca,LC=40°ca, 1% Py			41723	55.60	56.80	1.20		
			46.90-47.30: 98% amphibolite and 2% Syenite Dyke. UC and LC=40°ca, tr Py			41727	56.80	58.00	1.20		
			47.30-48.00: Massive Syenite. UC=40°ca, LC=90°ca, 1% Py								
			48.00-51.00: 85% amphibolite and 15% Syenite Dyke. UC=90°ca, LC=135°ca, tr Py								
			51.00-52.70: Massive Syenite. UC=135°ca, LC=45°ca, 0.5% Py								
			52.70-52.90: Amphibolite. UC=45°ca, LC=60°ca,1% Py								
			52.90-53.55: 98% Syenite and 2% amphibolite. UC and LC=60°ca, 0.5% Py								
			53.55-53.70: Amphibolite. UC=60°ca, LC =40°ca, 0.5%- 1% Py								
			53.70-58.00: Massive Syenite. UC=40°ca, LC=90°ca, 1% Py								

DRILL LOG

GEOLOGY				VISUAL		ASSAY RESULTS					
From	To	Code	Comment	Cp %	Py%	Sample	From	To	Length	Au gpt	Cu %
1.60	46.60	AM	Amphibolite			41472	1.60	2.80	1.20		
			The Hole is collared into a huge section of amphibolite rocks locally intruded by pinkish feldspar porphyry dykes. It is dark-gray, fine-textured igneous rock composed mainly of feldspar and pyroxene, and characterized by an ophitic texture where laths of plagioclase in a medium grained matrix of pyroxene crystals, wherein the plagioclase is totally surrounded by pyroxene grains. Typically, it is massive, homogenous, fine grained with tendencies towards a medium grain size, and dark greenish grey, almost black coloured. Mineralization consists of a few scattered splashes of pyrites and chalcopyrite, however, it did not warrant sampling. The plain amphibolite dike ends with the appearance of the coarse grained (>1 cm) feldspar Phenocrysts set in a dark grey fine grained matrix. This amphibolite is competent and rarely fractured. The unit is moderately ankeritic, non calcareous and moderately magnetic. Trace pyrite disseminations, poorly veined. Some fractures are filled with epidote.			41473	2.80	4.00	1.20		
						41477	4.00	5.20	1.20		
						41478	5.20	6.40	1.20		
						41479	6.40	7.60	1.20		
						41480	7.60	8.80	1.20		
						41481	8.80	10.00	1.20		
						41482	10.00	11.20	1.20		
						41483	11.20	12.40	1.20		
						41484	12.40	13.60	1.20		
						41485	13.60	14.80	1.20		
						41486	14.80	16.00	1.20		
						41487	16.00	17.20	1.20		
						41488	17.20	18.40	1.20		
						41489	18.40	19.60	1.20		
						41490	19.60	20.80	1.20		
						41491	20.80	22.00	1.20		
			1.60- 2.70: amphibolite. LC=120°ca, 1-2% Py			41492	22.00	23.20	1.20		
			2.70- 2.90: 70% amphibolite. 30% syenite dyke, UC=120°ca, 1% Py			41493	23.20	24.40	1.20		
						41494	24.40	25.60	1.20		
			2.90- 7.70: 99% amphibolite. 1% syenite dyke, LC=90°ca, 1% Py			41495	25.60	26.80	1.20		
						41496	26.80	28.00	1.20		
			7.70- 7.80: Massive syenite. UC=90°ca, LC=40°ca, 1% Py			41497	28.00	29.20	1.20		
			7.80- 9.50: 98% amphibolite and 2% Syenite dyke. UC=40°ca, LC=130°ca, 2-5% Py			41498	29.20	30.40	1.20		
						41702	30.40	31.60	1.20		
						41703	31.60	32.80	1.20		
			9.50-10.20: 60% Syenite Dykes and 40% amphibolite. UC=130°ca, LC=90°ca, 1% Py			41704	32.80	34.00	1.20		
						41705	34.00	35.20	1.20		
			10.20-15.50: 98% amphibolite and 2% syenite dyke. UC=90°ca, LC=130°ca, 1-2% Py			41706	35.20	36.40	1.20		
						41707	36.40	37.60	1.20		
						41708	37.60	38.80	1.20		
			15.50-16.30: 98% syenite and 2% amphibolite. UC=130°ca, LC=130°ca, 1% Py			41709	38.80	40.00	1.20		
						41710	40.00	41.20	1.20		
						41711	41.20	42.40	1.20		
			16.30-26.30: 98% amphibolite and 2% syenite dyke. UC=130°ca, LC=130°ca, 1-5% Py			41712	42.40	43.60	1.20		
						41713	43.60	44.80	1.20		
						41714	44.80	46.00	1.20		
			26.30-26.85: 98% syenite dyke and 2% amphibolite. UC=130°ca, LC=170°ca, 1-2% Py			41715	46.00	47.20	1.20		
			26.85-29.60: amphibolit. UC=170°ca, LC=30°ca, 1-2% Py								
			29.60-32.60: 99% Syenite and 1% amphibolite. UC=30°ca, LC=60°ca, 0.5% Py								
			32.60-33.15: amphibolite. UC=60°ca, LC=120°ca, 1% Py								
			33.15-34.05: 98% Syenite Dyke and 2% amphibolite. UC=120°ca, LC=60°ca, 1% Py								
			34.05-35.15: 95% amphibolite and 5% Syenite Dyke. UC=60°ca, LC=140°ca, 1% Py								
			35.15-35.80: 90% Syenite Dyke and 10% amphibolite. UC=140°ca, LC=140°ca, 1% Py								
			35.80-37.95: 95% amphibolite and 5% Syenite Dyke. UC=40°ca, LC=60°ca, 1-5% Py								
			37.95-39.20: 98% Syenite and 2% amphibolite. UC=60°ca, LC =40°ca, 0.5-1% Py								
			39.20-39.90: Massive Syenite. UC=60°ca, LC=120°ca, 0.5 Py								
			39.90-42.80: 98% amphibolite and 2% Syenite Dyke. LC=120°ca, LC=60°ca, 0.5%- 2% Py								

DRILL LOG

GEOLOGY				VISUAL		ASSAY RESULTS					
From	To	Code	Comment	Cp %	Py%	Sample	From	To	Length	Au gpt	Cu %
			42.80-43.20: Massive Syenite. UC=60°ca, LC=60°ca, 2% Py								
			43.20-45.50: amphibolite. UC=60°ca, LC=60°ca, 0.5%-2% Py								
			45.50-45.70: Syenite Dyke. UC=60°ca, LC=60°ca, 0.5% Py								
			45.70-46.60: amphibolite. UC=60°ca, LC=30°ca, 0.5% Py								
0.00	1.60	OVB	Overburden Core recovery was measured to begin at 5.25'. The driller's block indicate that they placed 3.05 m (10.0 ft) of NW casing. NOTE: All the core is systematically tested for pervasive carbonate using dilute hydrochloric acid (HCl) and potassium ferricyanide (KFC). The acid fizzes in contact with calcite and the KFC stains the core blue in the presence of ankerite. In certain areas, the core is tested with a magnet to determine relative magnetite content.								
196.29		EOH	End of hole.								

DOWNHOLE ORIENTATION SURVEYS

GEOTECHNICAL INFORMATION

Depth	Test	Az	Dip	Type	Comments	From	To	Len	Core	Rec (%)	>10cm	RQD (%)	Breaks
0.00	271.5°	271.5°	-60.0°	Collar		1.6	5.5	3.9				77	13
16.15	283.5°	272.3°	-59.1°	Multi		5.5	8.5	3.0				92	8
19.20	283.6°	272.4°	-59.1°	Multi		8.5	11.6	3.1				94	13
22.25	285.7°	274.5°	-58.3°	Multi		11.6	14.6	3.0				94	9
25.30	283.0°	271.8°	-59.0°	Multi		14.6	17.7	3.1				58	11
28.35	283.6°	272.4°	-59.1°	Multi		17.7	20.2	2.6				96	9
31.39	284.1°	272.9°	-59.2°	Multi		20.2	23.8	3.6				82	11
34.44	283.9°	272.7°	-59.1°	Multi		23.8	26.8	3.1				92	16
37.49	284.3°	273.1°	-59.0°	Multi		26.8	29.9	3.1				93	11
40.54	282.2°	271.0°	-59.1°	Multi		29.9	32.9	3.1				100	3
43.59	282.9°	271.7°	-59.1°	Multi		32.9	36.0	3.1				96	3
46.63	284.4°	273.2°	-59.1°	Multi		36.0	39.0	3.0				93	6
49.68	284.8°	273.6°	-58.9°	Multi		39.0	42.1	3.1				85	9
52.73	284.3°	273.1°	-59.1°	Multi		42.1	45.1	3.1				86	12
55.78	284.9°	273.7°	-59.1°	Multi		45.1	48.2	3.1				85	11
58.83	285.2°	274.0°	-59.0°	Multi		48.2	51.2	3.1				71	8
61.87	286.5°	275.3°	-59.3°	Multi		51.2	54.3	3.1				85	13
64.92	285.3°	274.1°	-59.0°	Multi		54.3	57.3	3.1				63	13
67.97	285.9°	274.7°	-59.2°	Multi		57.3	60.4	3.1				81	13
71.02	287.1°	275.9°	-59.1°	Multi		60.4	63.4	3.0				93	21
74.07	282.8°	271.6°	-59.0°	Multi		63.4	66.5	3.1				83	8
77.11	286.3°	275.1°	-59.0°	Multi		66.5	69.5	3.1				79	7
80.16	284.5°	273.3°	-59.2°	Multi		69.5	72.6	3.1				90	8
83.21	285.9°	274.7°	-59.3°	Multi		72.6	75.6	3.1				95	8
86.26	284.8°	273.6°	-59.2°	Multi		75.6	78.7	3.0				95	7
89.31	286.1°	274.9°	-59.1°	Multi		78.7	81.7	3.1				92	12
92.35	286.5°	275.3°	-59.3°	Multi		81.7	84.8	3.1				92	4
95.40	286.9°	275.7°	-59.2°	Multi		84.8	87.8	3.0				90	10
98.45	286.2°	275.0°	-59.1°	Multi		87.8	90.9	3.1				100	9
101.50	284.8°	273.6°	-59.3°	Multi		90.9	93.9	3.1				96	6
104.55	286.0°	274.8°	-59.3°	Multi		93.9	97.0	3.1				97	13
107.59	286.6°	275.4°	-59.2°	Multi		97.0	100.0	3.1				93	2
110.64	287.3°	276.1°	-59.2°	Multi		100.0	103.1	3.1				95	3
113.69	287.3°	276.1°	-59.2°	Multi		103.1	106.1	3.1				95	7
116.74	287.1°	275.9°	-59.2°	Multi		106.1	109.2	3.1				97	5
119.79	286.9°	275.7°	-59.3°	Multi		109.2	112.2	3.1				97	8
122.83	286.9°	275.7°	-59.2°	Multi		112.2	115.3	3.1				93	5
125.88	286.9°	275.7°	-59.3°	Multi		115.3	118.3	3.0				98	8
128.93	286.8°	275.6°	-59.3°	Multi		118.3	121.3	3.1				94	13
131.98	286.6°	275.4°	-59.3°	Multi		121.3	124.4	3.1				97	
135.03	288.3°	277.1°	-59.4°	Multi		124.4	127.4	3.1				95	
138.07	287.0°	275.8°	-59.3°	Multi		127.4	130.5	3.1				43	
141.12	287.4°	276.2°	-59.3°	Multi		130.5	133.5	3.1				98	
144.17	287.7°	276.5°	-59.4°	Multi		133.5	136.6	3.0				85	
147.22	288.5°	277.3°	-59.5°	Multi		136.6	139.6	3.1				99	
150.27	290.9°	279.7°	-59.4°	Multi		139.6	142.7	3.1				98	
153.31	287.1°	275.9°	-59.5°	Multi		142.7	145.7	3.1				98	
156.36	288.6°	277.4°	-59.4°	Multi		145.7	148.8	3.1				97	
159.41	279.8°	268.6°	-59.5°	Multi		148.8	151.8	3.1				93	
162.46	288.6°	277.4°	-59.4°	Multi		151.8	154.9	3.1				96	
165.51	287.8°	276.6°	-59.6°	Multi		154.9	157.9	3.1				94	
168.55	287.2°	276.0°	-59.5°	Multi		157.9	161.0	3.1				88	10
171.60	286.6°	275.4°	-59.6°	Multi		161.0	164.0	3.0				94	
174.65	286.8°	275.6°	-59.6°	Multi		164.0	167.1	3.1				87	
177.70	287.9°	276.7°	-59.5°	Multi		167.1	170.1	3.1				98	
180.75	287.6°	276.4°	-59.5°	Multi		170.1	173.2	3.1				92	
183.79	289.4°	278.2°	-59.7°	Multi		173.2	176.2	3.1				87	
186.84	288.7°	277.5°	-59.6°	Multi		176.2	179.3	3.1				87	
189.89	288.1°	276.9°	-59.8°	Multi		179.3	182.3	3.1				95	
192.94	324.4° X	276.9°	-62.9°	Multi		182.3	185.4	3.0				99	
						185.4	188.4	3.1				90	
						188.4	191.5	3.1				83	
						191.5	194.5	3.1				90	
						194.5	196.3	1.8				93	

Golden Target Project

Drill Log CR2014-13

COLLAR INFORMATION

Claim: 4273194
Projection: NAD83 17N **Azimuth:** 91.60°
Easting: 539,714.00 m **Dip:** -60.00°
Northing: 5,359,555.00 m **Length:** 101.80 m
Elevation: 366.00 m **Core Size:** NQ
Storage: CanREE explo site

Comments:

WORK DONE BY

Work	From	To	Worker	Start	End
Drilling	0.0	101.8	Walker Drilling	2014-Sep-12	Sep-15
Downhole Survey	0.0	101.8	Walker Drilling	2014-Sep-15	Sep-15
Core Logging	0.0	101.8	Dennis Patron	2014-Sep-17	Sep-17
Core Logging	0.0	101.8	Athraa Koma	2014-Sep-17	Sep-17

DRILL LOG

GEOLOGY				VISUAL		ASSAY RESULTS					
From	To	Code	Comment	Cp %	Py%	Sample	From	To	Length	Au gpt	Cu %
84.00	101.83	AMSY	Amphibolite Syenite Package The hole reverts back to the amphibolite syenite package encountered from the collar before hitting the gabbro. As usual. The term amphibolite refers to metamorphosed mafic volcanics probably basalt. This interval is weakly to moderately silicified. The rock is non calcareous non to weakly ankeritic and weakly to moderately magnetic. Trace to 0.5% Py Below are the detailed descriptons: 84.00-84.40: Amphibolite with less than 5mm quartz veining. UC=90°ca, LC=120°ca, 0.5% Py 84.40-84.60: Quartz-Epidote vein altered with hematite and calcite. UC=120°ca, LC=45°ca, 0.5% Py 84.60-84.95: Amphibolite with less than 5mm quartz-epidote veining. UC=120°ca, LC=45°ca, 0.5% Py 84.95-86.05: Massive Syenite. UC=45°ca, LC=20°ca, Trace Py 86.05-88.25: Amphibolite with less than 5mm quartz-epidote veining. UC=20°ca, LC=130°ca, 0.5% Py 88.25-88.55: Quartz-epidote veining. UC=130°ca, LC=130°ca, 0.5% Py 88.55-98.80: 98% Amphibolite with less than 5mm quartz-epidote veining and 2% Syenite Dyke. UC=130°ca, 0.5% Py			41941	85.00	86.00	1.00		
						40164	86.00	87.20	1.20		
						40165	87.20	88.40	1.20		
						40166	88.40	89.60	1.20		
						40167	89.60	90.80	1.20		
						40168	90.80	92.00	1.20		
						40169	92.00	93.20	1.20		
						40170	93.20	94.40	1.20		
						40171	94.40	95.60	1.20		
						40172	95.60	96.80	1.20		
						40173	96.80	97.80	1.00		
						40174	97.80	98.80	1.00		
67.45	84.00	GB	Fine to medium Grained Gabbro The hole reverts back to a Fine to medium grained Gabbro similar to the one uphole. The overall appearance of the protolith is that of a fine grained gabbro. Staining and testing with KFC and HCl reveal that the matrix is non reactive. A few splashes and grains of Py and Cp were noted in the walls of some of the wider calcite/ epidote stringers/ veinlets, elsewhere, the sulphide content is nil to trace. This rock however is our target zone due to the soft silvery, metallic mineral presumed to be scandium which is sporadically disseminated in the host rock.			40149	68.30	69.50	1.20		
						40151	69.50	70.70	1.20		
						40152	70.70	71.90	1.20		
						40153	71.90	73.10	1.20		
						40154	73.10	74.30	1.20		
						40155	74.30	75.50	1.20		
						40156	75.50	76.70	1.20		
						40157	76.70	77.90	1.20		
						40158	77.90	79.10	1.20		
						40159	79.10	80.30	1.20		
						40160	80.30	81.50	1.20		
						40161	81.50	82.70	1.20		
						40162	82.70	83.90	1.20		
						40163	83.90	85.00	1.10		

DRILL LOG

GEOLOGY				VISUAL		ASSAY RESULTS					
From	To	Code	Comment	Cp %	Py%	Sample	From	To	Length	Au gpt	Cu %
44.10	67.45	GBFP	Pophyritic Gabbro			40129	44.30	45.50	1.20		
			A well defined contact at 110°ca marks a distinct change to a phenocrystic texture that is very competent and weakly fractured giving the core a solid appearance. To this point, the porphyry is light/ medium greyish green/beige coloured with a few large spots of light yellowish grey feldspar phenos 1 cm in diameter. It is finely speckled (4-8%) with pale yellow sericitized ferromagnesian minerals that stand out in a groundmass of faint grey feldspar phenos and dark green fine to medium grained groundmass. There are sections in this unit whereby 10- 15% dark green to black mafic grains are interstitial to 25- 35% densely packed, millimetric, dull grey, tabular feldspar crystals in a fine grained feldspathic groundmass forming a massive medium grained host containing a few scattered mafic inclusions. The rock is moderately magnetic, no calcareous and weakly to moderately ankeritic. This unit show trace pyrites.			40130	45.50	46.70	1.20		
						40131	46.70	47.90	1.20		
						40132	47.90	49.10	1.20		
						40133	49.10	50.30	1.20		
						40134	50.30	51.50	1.20		
						40135	51.50	52.70	1.20		
						40136	52.70	53.90	1.20		
						40137	53.90	55.10	1.20		
						40138	55.10	56.30	1.20		
						40139	56.30	57.50	1.20		
						40140	57.50	58.70	1.20		
						40141	58.70	59.90	1.20		
						40142	59.90	61.10	1.20		
						40143	61.10	62.30	1.20		
						40144	62.30	63.50	1.20		
						40145	63.50	64.70	1.20		
						40146	64.70	65.90	1.20		
						40147	65.90	67.10	1.20		
						40148	67.10	68.30	1.20		
32.30	44.10	GB	Fine to Medium Grained Gabbro			40118	32.30	33.50	1.20		
			A change in texture and color marks the beginning of this Fine to medium grained Gabbro. The upper contact is high angle which I presumed that the layers of the amphibolite is subparallel to the Gabbro. This Gabbro occurs as massive, medium grained, salt and peppery zones comprised of millimetric black, stubby, ferromagnesian laths in a fine grained, yellowish buff coloured when dry, feldspathic groundmass. Quartz veining is negligible but if present is usually mm thick and has no definite orientation. Fine fractures are ankeritic while the matrix is essentially non reactive to HCL but weakly to moderately reactive to KFC which means that the alteration present is ankerite. Fractures are generally coated by chlorite and was counted individually in the RQD page. Only trace pyrite (Py) crystals were noted scattered through the matrix and along fractures.			40119	33.50	34.70	1.20		
						40120	34.70	35.90	1.20		
						40121	35.90	37.10	1.20		
						40122	37.10	38.30	1.20		
						40123	38.30	39.50	1.20		
						40124	39.50	40.70	1.20		
						40126	40.70	41.90	1.20		
						40127	41.90	43.10	1.20		
						40128	43.10	44.30	1.20		

DRILL LOG

GEOLOGY				VISUAL		ASSAY RESULTS							
From	To	Code	Comment	Cp %	Py%	Sample	From	To	Length	Au gpt	Cu %		
1.50	32.30	AMSY	Amphibolite Syenite Package This hole is collared into a 80% amphibolite and 20% syenite package. The former is dark grey, fine grained amphibole rich mafic volcanic. It is called amphibolite by SGS, hence, the rock name. The protolith of this rock before metamorphism is probably basalt because it is too dark and fine grained. Syenite comes in and out of this unit as described below. The rock is cooked and moderately silicified thats why it is hard. Pyrite mineralization occur as trace to locally up to 2%. 9.50- 9.90: Massive Syenite. UC=30°ca, LC=30°ca, 0.5% Py 9.90-11.60: Amphibolite with quartz-epidote veining. UC=30°ca, LC=40°ca, 0.5%-2% Py 11.60-11.75: Massive Syenite. UC=40°ca, LC=120°ca, trace Py 11.75-11.90: Epidote patch-alteration zone. UC and LC =120°ca, 0.5 Py 11.90-12.20: Massive Syenite. UC=120°ca, LC=105°ca, 0.5 Py 12.20-14.95: 98% Amphibolite with quartz-epidote veining and 2% Syenite Dyke. UC=105°ca, LC=40°ca, 1%-3% Py 14.95-15.30: Massive Syenite. UC=40°ca, LC=105°ca, 0.5% Py 15.30-16.60: 98% Amphibolite with quartz-epidote veining and 2% Syenite Dyke. UC=105°ca, LC=25°ca, 0.5%-1% Py 16.60-17.10: Massive Syenite. UC=25°ca, LC=140°ca, 0.5% Py 17.10-18.60: 98% Amphibolite and 2% Syenite Dyke. UC and LC =140°ca, trace-1% Py 18.60-21.35: 98% Porphyry Syenite and 2% Amphibolite inclusion. UC=140°ca, LC=150°ca, trace-2% Py 21.35-32.30: 95% Amphibolite with quartz-epidote veining and 5% Syenite Dyke. UC=150°ca, LC=140°ca, trace-1% Py			41939	2.20	3.40	1.20				
						41940	3.40	4.70	1.30				
						40094	4.70	5.90	1.20				
						40095	5.90	7.10	1.20				
						40096	7.10	8.30	1.20				
						40097	8.30	9.50	1.20				
						40098	9.50	10.70	1.20				
						40099	10.70	11.90	1.20				
						40101	11.90	13.10	1.20				
						40102	13.10	14.30	1.20				
						40103	14.30	15.50	1.20				
						40104	15.50	16.70	1.20				
						40105	16.70	17.90	1.20				
						40106	17.90	19.10	1.20				
						40107	19.10	20.30	1.20				
						40108	20.30	21.50	1.20				
						40109	21.50	22.70	1.20				
						40110	22.70	23.90	1.20				
						40111	23.90	25.10	1.20				
						40112	25.10	26.30	1.20				
						40113	26.30	27.50	1.20				
						40114	27.50	28.70	1.20				
						40115	28.70	29.90	1.20				
						40116	29.90	31.10	1.20				
						40117	31.10	32.30	1.20				
0.60	1.50	OVB	Overburden Core recovery was measured to begin at 1.97'. The driller's block indicate that they placed 1.52 m (5.0 ft) of NW casing. NOTE: All the core is systematically tested for pervasive carbonate using dilute hydrochloric acid (HCl) and potassium ferricyanide (KFC). The acid fizzes in contact with calcite and the KFC stains the core blue in the presence of ankerite. In certain areas, the core is tested with a magnet to determine relative magnetite content.			41938	1.00	2.20	1.20				
101.80		EOH	End of hole.										

DOWNHOLE ORIENTATION SURVEYS

Depth	Test	Az	Dip	Type	Comments
0.00	91.6°	91.6°	-60.0°	Collar	
16.46	105.4°	94.2°	-57.9°	Multi	
19.51	103.6°	92.4°	-58.0°	Multi	
22.56	104.7°	93.5°	-58.0°	Multi	
25.60	104.4°	93.2°	-57.9°	Multi	
28.65	107.6°	96.4°	-58.0°	Multi	
31.70	104.0°	92.8°	-57.9°	Multi	
34.75	104.3°	93.1°	-58.0°	Multi	
37.80	104.7°	93.5°	-58.0°	Multi	
40.84	104.3°	93.1°	-58.0°	Multi	
43.89	106.7°	95.5°	-58.0°	Multi	
46.94	106.7°	95.5°	-58.1°	Multi	
49.99	106.8°	95.6°	-58.1°	Multi	
53.04	106.3°	95.1°	-58.1°	Multi	
56.08	107.7°	96.5°	-58.2°	Multi	
59.13	106.7°	95.5°	-58.0°	Multi	
62.18	106.3°	95.1°	-58.2°	Multi	
65.23	105.3°	94.1°	-58.2°	Multi	
68.28	105.8°	94.6°	-58.1°	Multi	
71.32	104.9°	93.7°	-58.2°	Multi	
74.37	105.6°	94.4°	-58.1°	Multi	
77.42	106.4°	95.2°	-58.2°	Multi	
80.47	106.6°	95.4°	-58.3°	Multi	
83.52	105.8°	94.6°	-58.3°	Multi	
86.56	108.1°	96.9°	-58.4°	Multi	
89.61	108.4°	97.2°	-58.3°	Multi	
92.66	105.2°	94.0°	-59.7°	Multi	
95.71	104.7°	93.5°	-58.4°	Multi	
98.76	104.8°	93.6°	-58.3°	Multi	
101.80	104.1°	92.9°	-58.3°	Multi	

GEOTECHNICAL INFORMATION

From	To	Len	Core	Rec (%)	>10cm	RQD (%)	Breaks
0.6	4.3	3.7			2.8	76	15
4.3	7.3	3.1			2.5	83	17
7.3	10.4	3.1			2.6	85	24
10.4	13.4	3.0			2.8	92	13
13.4	16.5	3.1			2.9	95	17
16.5	19.5	3.1			2.8	93	9
19.5	22.6	3.1			2.8	90	17
22.6	25.6	3.1			2.8	92	21
25.6	28.7	3.0			2.5	82	17
28.7	31.7	3.1			2.6	83	17
31.7	34.8	3.1			2.8	93	15
34.8	37.8	3.1			2.9	94	8
37.8	40.9	3.1			3.0	98	8

Golden Target Project

Drill Log CR2014-14

COLLAR INFORMATION

Claim: 4273194
Projection: NAD83 17N **Azimuth:** 272.30°
Easting: 539,925.00 m **Dip:** -60.00°
Northing: 5,359,494.00 m **Length:** 47.49 m
Elevation: 366.00 m **Core Size:** NQ

Storage: CanREE explo site

Comments: Exploration Hole at 427194 claim

WORK DONE BY

Work	From	To	Worker	Start	End
Drilling	0.0	47.5	Walker Drilling	2014-Sep-14	Sep-15
Downhole Survey	0.0	47.5	Walker Drilling	2014-Sep-15	Sep-15
Core Logging	0.0	47.5	Dennis Patron	2014-Sep-20	Sep-20

DRILL LOG

GEOLOGY				VISUAL		ASSAY RESULTS					
From	To	Code	Comment	Cp %	Py%	Sample	From	To	Length	Au gpt	Cu %
1.90	47.50	AMSY	Syenite Amphibolite Package This hole is collared into a mixed package of Syenite and amphibolite where the former is more dominant than the latter. The Syenite is pinkish in color, massive, medium grained, locally porphyritic, and homogenous while the amphibolite is medium green, medium grained, also massive and homogenous. Below are the detailed description where these 2 intrusive occurs. (lithologic name was made where the first rock name is more dominant than the second rock name) 1.94- 9.40: Amphibolite-Syenite Package. LC=90°ca 9.40-13.25: Massive Syenite. UC=90°ca, LC=60°ca 13.25-19.60: Syenite-amphibolite Package. UC=60°ca, LC=130°ca 19.60-23.70: Amphibolite-Syenite Package. UC=130°ca, LC=90°ca 23.70-34.04: Massive Syenite. UC and LC =130°ca 34.04-38.20: Amphibolite-Syenite Package. UC=130°ca, LC=60°ca 38.20-41.70: Syenite-amphibolite Package. UC=60°ca, LC=50°ca 41.70-41.90: Quartz Vein. UC and LC =50°ca 41.90-46.50: Amphibolite-Syenite Package. UC=50°ca, LC=150°ca 46.50-47.50 (End of the Hole): Syenite-amphibolite Package. LC=150°ca NOTE: 1 sample is collected on this hole just to check if the quartz vein will run for gold.			41792	1.90	3.10	1.20		
						41793	3.10	4.30	1.20		
						41794	4.30	5.50	1.20		
						41795	5.50	6.70	1.20		
						41796	6.70	7.90	1.20		
						41797	7.90	9.10	1.20		
						41798	9.10	10.30	1.20		
						41802	10.30	11.50	1.20		
						41803	11.50	12.70	1.20		
						41804	12.70	13.90	1.20		
						41805	13.90	15.10	1.20		
						41806	15.10	16.30	1.20		
						41807	16.30	17.50	1.20		
						41808	17.50	18.70	1.20		
						41809	18.70	19.90	1.20		
						41810	19.90	21.10	1.20		
						41811	21.10	22.30	1.20		
						41812	22.30	23.50	1.20		
						41813	23.50	24.70	1.20		
						41814	24.70	25.90	1.20		
						41815	25.90	27.10	1.20		
						41816	27.10	28.30	1.20		
						41817	28.30	29.50	1.20		
						41818	29.50	30.70	1.20		
						41819	30.70	31.90	1.20		
						41820	31.90	33.10	1.20		
						41821	33.10	34.30	1.20		
						41822	34.30	35.50	1.20		
						41823	35.50	36.70	1.20		
						41827	36.70	37.90	1.20		
						41828	37.90	39.10	1.20		
						41829	39.10	40.30	1.20		
						41830	40.30	41.60	1.30		
					5.0	40264	41.60	42.60	1.00		
						41934	42.60	43.80	1.20		
						41935	43.80	45.00	1.20		
						41936	45.00	46.20	1.20		
						41937	46.20	47.50	1.30		

DRILL LOG

GEOLOGY				VISUAL		ASSAY RESULTS					
From	To	Code	Comment	Cp %	Py%	Sample	From	To	Length	Au gpt	Cu %
0.00	1.94	OVB	OVB Core recovery was measured to begin at 6.23'. The driller's block indicate that they placed 1.52 m (10.0 ft) of NW casing. NOTE: All the core is systematically tested for pervasive carbonate using dilute hydrochloric acid (HCl) and potassium ferricyanide (KFC). The acid fizzes in contact with calcite and the KFC stains the core blue in the presence of ankerite. In certain areas, the core is tested with a magnet to determine relative magnetite content.			41792	1.90	3.10	1.20		
47.49		EOH	End of hole.								

DOWNHOLE ORIENTATION SURVEYS

Depth	Test	Az	Dip	Type	Comments
0.00	272.3°	272.3°	-60.0°	Collar	
14.02	287.5°	276.3°	-59.2°	Multi	
17.07	281.5°	270.3°	-59.8°	Multi	
20.12	285.5°	274.3°	-59.7°	Multi	
23.16	285.5°	274.3°	-59.9°	Multi	
26.21	284.9°	273.7°	-59.9°	Multi	
29.26	284.3°	273.1°	-60.0°	Multi	
32.31	283.2°	272.0°	-60.0°	Multi	
35.36	283.8°	272.6°	-60.0°	Multi	
38.40	283.0°	271.8°	-60.1°	Multi	
41.45	285.8°	274.6°	-59.9°	Multi	
44.50	287.2°	276.0°	-60.0°	Multi	
47.55	282.3°	271.1°	-59.9°	Multi	

GEOTECHNICAL INFORMATION

From	To	Len	Core	Rec (%)	>10cm	RQD (%)	Breaks
1.9	5.8	3.9			3.3	86	14
5.8	8.8	3.1			2.8	92	19
8.8	11.9	3.1			2.7	88	13
11.9	14.9	3.1			3.0	97	15
14.9	18.0	3.1			2.9	95	10
18.0	21.0	3.1			2.4	80	14
21.0	24.1	3.1			2.8	90	9
24.1	27.1	3.1			2.7	87	10
27.1	30.2	3.0			2.7	88	11
30.2	33.2	3.1			2.8	92	10
33.2	36.3	3.1			3.0	97	7
36.3	39.3	3.1			2.8	92	10
39.3	42.4	3.1			2.4	77	11
42.4	45.4	3.1			2.9	96	6
45.4	47.5	2.1			1.9	92	3

Golden Target Project

Drill Log CR2014-15

COLLAR INFORMATION

Claim: 4276170
Projection: NAD83 17N **Azimuth:** 90.60°
Easting: 539,624.00 m **Dip:** -60.00°
Northing: 5,360,477.00 m **Length:** 103.02 m
Elevation: 366.00 m **Core Size:** NQ
Storage: CanREE explo site

WORK DONE BY

Work	From	To	Worker	Start	End
Drilling	0.0	103.0	Walker Drilling	2014-Sep-15	Sep-17
Downhole Survey	0.0	103.0	Walker Drilling	2014-Sep-17	Sep-17
Core Logging	0.0	103.0	Dennis Patron	2014-Sep-19	Sep-19
Core Logging	0.0	103.0	Athraa Koma	2014-Sep-19	Sep-19

Comments:

DRILL LOG

GEOLOGY				VISUAL		ASSAY RESULTS					
From	To	Code	Comment	Cp %	Py%	Sample	From	To	Length	Au gpt	Cu %
10.10	103.10	AM	Amphibolite/Mafic Volcanics	0.8		40184	10.60	11.80	1.20		
			The upper contact is subtle but a change in texture, color and grain size marks the beginning of this amphibolite whose protolith is probably a basalt or any mafic volcanics. It is dark grey, fine grained and is locally intruded by syenite dykes oriented at various directions. There is a weak foliation fabric on the amphibolite oriented at 30°ca and 150°ca. Pyrite mineralization is common ranging from 0.5% to locally 2 to 5%. The rock is non ankeritic non to weakly calcareous only on fractures and moderately to strongly magnetic. Below is the detailed description of each lithologic intervals.	0.5		40185	11.80	13.00	1.20		
				1.5		40186	13.00	14.20	1.20		
				0.5		40187	14.20	15.40	1.20		
				0.5		40188	15.40	16.60	1.20		
				0.5		40189	16.60	17.80	1.20		
				0.5		40190	17.80	19.00	1.20		
				0.5		40191	19.00	20.20	1.20		
				0.5		40192	20.20	21.40	1.20		
				0.5		40193	21.40	22.60	1.20		
				1.0		40194	22.60	23.80	1.20		
				3.0		40195	23.80	25.00	1.20		
			10.10-10.70: Amphibolite. UC=90°ca, LC=60°ca	1.0		40196	25.00	26.20	1.20		
			10.70-11.65: 95% Amphibolite and 5% Syenite Dykes. UC=60°ca, LC=45°ca	1.0		40197	26.20	27.40	1.20		
			11.65-12.10: 95% Syenite Dyke and 5% Amphibolite. UC=45°ca, LC=135°ca	1.5		40198	27.40	28.60	1.20		
			12.10-12.35: Amphibolite. UC=135°ca, LC=90°ca	2.0		40199	28.60	29.80	1.20		
			12.35-12.45: Syenite Dyke. UC=90°ca, LC=130°ca	3.5		40201	29.80	31.00	1.20		
			12.45-15.70: 98% Amphibolite and 2% Syenite Dyke. UC=130°ca, LC=125°ca	1.0		40202	31.00	32.20	1.20		
			15.70-15.90: Syenite Dyke. UC=125°ca, LC=130°ca	3.5		40203	32.20	33.40	1.20		
			15.90-17.75: 98% Amphibolite and 2% Syenite Dyke. UC=130°ca, LC=25°ca	6.0		40204	33.40	34.60	1.20		
				2.0		40205	34.60	35.80	1.20		
						40206	35.80	37.00	1.20		
			17.75-18.10: 98% Syenite Dyke and 2% Amphibolite. UC=25°ca, LC=60°ca	1.5		40207	37.00	38.20	1.20		
			18.10-20.90: Amphibolite. UC=60°ca, LC=130°ca	1.5		40208	38.20	39.40	1.20		
			20.90-21.15: 98% Syenite Dyke and 2% Amphibolite. UC=130°ca, LC=70°ca	1.5		40209	39.40	40.40	1.00		
				1.5		40210	40.40	41.40	1.00		
			21.15-25.75: 98% Amphibolite and 2% Syenite Dyke. UC=70°ca, LC=50°ca	3.0		40211	41.40	42.60	1.20		
			25.75-25.90: Syenite Dyke. UC=50°ca, LC=130°ca	3.5		40212	42.60	43.80	1.20		
			25.90-26.95: Amphibolite. UC=130°ca, LC=60°ca			41831	43.80	44.90	1.10		
			26.95-27.30: Massive Syenite Porphyry. UC=60°ca, LC=60°ca			40213	44.90	45.90	1.00		
			27.30-27.40: Amphibolite. UC=60°ca, LC=60°ca	1.5		40213	44.90	45.90	1.00		
			27.40-27.80: 98% Porphyry Syenite Dyke and 2% Amphibolite inclusions. UC and LC =60°ca	2.0		40214	45.90	46.90	1.00		
				2.0		40215	46.90	47.90	1.00		
						41832	47.90	49.30	1.40		
			27.80-43.80: 90% Amphibolite and 10% Syenite Dyke. UC=60°ca, LC=130°ca			40216	49.30	50.50	1.20		
				1.0		40217	50.50	51.70	1.20		
				1.5		40218	51.70	52.90	1.20		
			43.80-44.90: Massive Syenite. UC=130°ca, LC=70°ca	1.0		40219	52.90	54.10	1.20		
			44.90-46.80: 99% Amphibolite and 1% Syenite Dyke. UC=70°ca, LC=70°ca	0.9		40220	54.10	55.30	1.20		
				1.8		40221	55.30	56.50	1.20		
			46.80-46.95: Syenite Dyke. UC=70°ca, LC=70°ca	2.0		40222	56.50	57.50	1.00		
			46.95-47.90: Amphibolite. UC and LC =70°ca	1.0		40223	57.50	58.50	1.00		
			47.90-49.30: Massive Syenite. UC=70°ca, LC=50°ca			41833	58.50	59.70	1.20		

DRILL LOG

GEOLOGY				VISUAL		ASSAY RESULTS					
From	To	Code	Comment	Cp %	Py%	Sample	From	To	Length	Au gpt	Cu %
49.30-58.50:			90% Amphibolite with Quartz-Epidote Veining and 10% Syenite Dyke. UC=50°ca, LC=70°ca			41834	59.70	60.80	1.10		
				2.0		40224	60.80	62.00	1.20		
				2.0		40226	62.00	63.20	1.20		
58.50-60.80:			Massive Syenite. UC=70°ca, LC=105°ca.	2.0		40227	63.20	64.40	1.20		
60.80-69.05:			99% Amphibolite with Quartz-epidote veining and 1% Syenite Dyke. UC=105°ca, LC=150°ca. Within this section there is a 3cm wide quartz epidote vein at at 63.30 meters	1.5		40228	64.40	65.60	1.20		
				2.0		40229	65.60	66.80	1.20		
				1.0		40230	66.80	68.00	1.20		
				1.0		40231	68.00	69.20	1.20		
69.05-70.25:			95% Syenite Dyke 5% Amphibolite. UC=150°ca, LC=130°ca	1.3		40232	69.20	70.40	1.20		
				0.5		40233	70.40	71.60	1.20		
70.25-70.65:			Amphibolite. UC=130°ca, LC=120°ca	0.5		40234	71.60	72.80	1.20		
70.65-70.80:			Syenite Dyke. UC=120°ca, LC=120°ca	5.0		40235	72.80	74.00	1.20		
70.80-71.60:			Amphibolite. UC=120°ca, LC=55°ca	2.0		40236	74.00	75.20	1.20		
71.60-71.95:			Massive Syenite. UC=55°ca, LC=60°ca			40237	75.20	76.40	1.20		
71.95-72.60:			98% Amphibolite with less than 5mm Quartz-Epidote veining and 2% Syenite Dyke. UC=60°ca, LC=20°ca	2.0		40238	76.40	77.60	1.20		
				0.1		40239	77.60	78.80	1.20		
				0.5		40240	78.80	80.00	1.20		
72.60-72.80:			Syenite Dyke. UC=120°ca, LC=30°ca	0.8		40241	80.00	81.20	1.20		
72.80-73.40:			Amphibolite with less than 5mm Quartz-Epidote veining. UC=30°ca, LC=130°ca	1.0		40242	81.20	82.40	1.20		
				1.3		40243	82.40	83.60	1.20		
				1.5		40244	83.60	84.60	1.00		
73.40-73.80:			Syenite Dyke. UC=130°ca, LC=130°ca	2.0		40245	84.60	85.60	1.00		
73.80-74.60:			Amphibolite with less than 5mm Quartz-Epidote veining. UC=130°ca, LC=20°ca	2.0		40246	85.60	86.60	1.00		
				3.5		40247	86.60	87.60	1.00		
				2.0		40248	87.60	88.60	1.00		
74.60-74.90:			Syenite Dyke. UC=20°ca, LC=30°ca	2.0		40249	88.60	89.60	1.00		
74.90-82.40:			98% Amphibolite with less than 5mm Quartz veining and 2% Syenite Dyke. UC=30°ca, LC=145°ca	2.0		40251	89.60	90.60	1.00		
				2.0		40252	90.60	91.60	1.00		
82.40-82.99:			Shear Zone. UC=145°ca, LC=150°ca	2.0		40253	91.60	92.60	1.00		
82.99-83.40:			95% Syenite Dyke. UC=150°ca, LC=130°ca	3.5		40254	92.60	93.60	1.00		
83.40-84.20:			Amphibolite sheared zone containing stretched phenocrysts and less than 5mm quartz-epidote veining. UC=130°ca, LC=90°ca	3.5		40255	93.60	94.60	1.00		
				5.0		40256	94.60	95.60	1.00		
				10.0		40257	95.60	96.60	1.00		
84.20-84.40:			Syenite Dyke. UC=90°ca, LC=50°ca	6.0		40258	96.60	97.60	1.00		
84.40-85.25:			Amphibolite sheared zone with stretched phenocrysts and 5mm-2cm quartz-epidote veining. UC=50°ca, LC=50°ca	2.0		40259	97.60	98.60	1.00		
				3.5		40260	98.60	99.60	1.00		
				2.0		40261	99.60	100.60	1.00		
85.25-86.15:			70% Amphibolite and 30% Syenite Dyke. UC=50°ca, LC=60°ca,			40262	100.60	101.80	1.20		
				1.0		40263	101.80	103.05	1.25		
86.15-86.35:			Solid Syenite Dyke. UC and LC =60°ca								
86.35-86.90:			60% Syenite Dyke and 40% Amphibolite. UC and LC =60°ca								
86.90-90.75:			Amphibolite with 5mm-2cm Quartz-Epidote veining. UC and LC =60°ca								
90.75-90.80:			Gouge-evidence for a minor fault. UC and LC =60°ca								
90.80-93.00:			Amphibolite with 5mm-2cm Quartz-Epidote veining. UC=60°ca, LC=80°ca								
93.00-93.10:			Gouge-Evidence of a fault. UC and LC =80°ca								
93.10-99.10:			Amphibolite with 5mm-2cm Quartz-Epidote veining. UC=80°ca, LC=75°ca								
99.10-99.50:			90% Syenite Dyke and 10% Amphibolite. UC=75°ca, LC=70°ca								
99.50-100.40:			Amphibolite with 5mm-2cm Quartz epidote veining. UC=70°ca, LC=60°ca								
100.40-103.05:			Amphibolite with less than 5mm Quartz-epidote veining. UC=60°ca								

DRILL LOG

GEOLOGY				VISUAL		ASSAY RESULTS					
From	To	Code	Comment	Cp %	Py%	Sample	From	To	Length	Au gpt	Cu %
0.95	10.10	GB	Fine to Medium Grained Gabbro								
			<p>This hole is collared into what we call a fine to medium grained Gabbro. It is massive, crystalline and homogenous. It is dark to medium greyish green. The gabbro occurs as massive, medium grained, salt and peppery zones comprised of millimetric black, stubby, ferromagnesian laths in a fine grained, yellowish buff coloured when dry, feldspathic groundmass. Within this gabbro section there is a 70°ca fault gouge that occurs at 7.6 meter mark and it is 10 cm thick. A minor fault. The lower contact is 90°ca arbitrary. Trace pyrite. The rock is weakly ankeritic moderately magnetic and non calcareous.</p>	0.1		40176	1.00	2.20	1.20		
				0.1		40177	2.20	3.40	1.20		
						40178	3.40	4.60	1.20		
				0.1		40179	4.60	5.80	1.20		
				0.1		40180	5.80	7.00	1.20		
				0.1		40181	7.00	8.20	1.20		
				0.1		40182	8.20	9.40	1.20		
				0.1	40183	9.40	10.60	1.20			
0.00	0.95	OVB	Overburden								
			<p>Core recovery was measured to begin at 3.12'. The driller's block indicate that they placed 1.52 m (5.0 ft) of NW casing.</p> <p>NOTE: All the core is systematically tested for pervasive carbonate using dilute hydrochloric acid (HCl) and potassium ferricyanide (KFC). The acid fizzes in contact with calcite and the KFC stains the core blue in the presence of ankerite. In certain areas, the core is tested with a magnet to determine relative magnetite content.</p>								
103.02		EOH	End of hole.								

DOWNHOLE ORIENTATION SURVEYS

Depth	Test	Az	Dip	Type	Comments
0.00	90.6°	90.6°	-60.0°	Collar	
14.63	102.7°	91.5°	-59.2°	Multi	
17.68	102.6°	91.4°	-59.1°	Multi	
20.73	102.2°	91.0°	-59.1°	Multi	
23.77	102.8°	91.6°	-59.2°	Multi	
26.82	104.1°	92.9°	-59.4°	Multi	
29.87	104.4°	93.2°	-59.1°	Multi	
32.92	102.6°	91.4°	-59.2°	Multi	
35.97	103.4°	92.2°	-59.2°	Multi	
39.01	103.1°	91.9°	-59.2°	Multi	
42.06	104.2°	93.0°	-59.3°	Multi	
45.11	104.2°	93.0°	-59.3°	Multi	
48.16	104.3°	93.1°	-59.3°	Multi	
51.21	103.6°	92.4°	-59.3°	Multi	
54.25	103.1°	91.9°	-59.2°	Multi	
57.30	103.8°	92.6°	-59.4°	Multi	
60.35	104.1°	92.9°	59.2°	Multi	
63.40	104.5°	93.3°	-59.2°	Multi	
66.45	103.5°	92.3°	-59.2°	Multi	
69.49	103.7°	92.5°	-59.2°	Multi	
72.54	104.9°	93.7°	-59.3°	Multi	
75.59	105.2°	94.0°	-59.4°	Multi	
78.64	105.4°	94.2°	-59.4°	Multi	
81.69	104.7°	93.5°	-59.3°	Multi	
84.73	107.3°	96.1°	-59.3°	Multi	
87.78	104.0°	92.8°	-59.3°	Multi	
90.83	104.4°	93.2°	-59.4°	Multi	
93.88	105.5°	94.3°	-59.2°	Multi	
96.93	104.9°	93.7°	-59.5°	Multi	
99.97	105.0°	93.8°	-59.4°	Multi	

GEOTECHNICAL INFORMATION

From	To	Len	Core	Rec (%)	>10cm	RQD (%)	Breaks
1.0	2.4	1.4			1.2	86	6
2.4	5.5	3.1			2.6	84	25
5.5	8.5	3.1			2.0	67	22
8.5	11.6	3.1			1.9	63	26
11.6	14.6	3.1			3.0	97	13
14.6	17.7	3.1			2.7	88	14
17.7	20.7	3.1			2.7	90	9
20.7	23.8	3.1			2.9	96	9
23.8	26.8	3.1			2.8	93	15
26.8	29.9	3.1			2.9	96	10
29.9	32.9	3.1			2.9	95	9
32.9	36.0	3.1			2.7	88	15
36.0	39.0	3.1			2.9	96	7
39.0	42.1	3.1			2.2	71	6
42.1	45.1	3.0			3.0	98	5
45.1	48.2	3.1			2.8	92	10
48.2	51.2	3.1			2.2	71	12
51.2	54.3	3.1			3.1	100	7
54.3	57.3	3.1			3.0	97	8
57.3	60.4	3.1			2.6	85	15
60.4	63.4	3.1			2.8	92	12
63.4	66.5	3.0			2.6	87	14
66.5	69.5	3.1			2.8	92	8
69.5	72.6	3.1			2.8	92	10
72.6	75.6	3.1			2.8	90	14
75.6	78.7	3.1			2.8	92	15
78.7	81.7	3.1			2.9	95	8
81.7	84.8	3.0			2.4	79	19
84.8	87.8	3.1			3.1	100	9
87.8	90.9	3.1			2.3	77	17
90.9	93.9	3.1			1.5	50	21
93.9	97.0	3.1			2.5	83	19
97.0	100.0	3.0			2.8	91	12
100.0	103.1	3.1			2.8	91	12

Golden Target Project

Drill Log CR2014-16

COLLAR INFORMATION

Claim: 4273194
Projection: NAD83 17N **Azimuth:** 90.00°
Easting: 539,939.00 m **Dip:** -60.00°
Northing: 5,359,392.00 m **Length:** 35.36 m
Elevation: 366.00 m **Core Size:** NQ

Storage: CanREE explo site

Comments: This hole was abandoned due to drill problems. The core barrel got stuck probably drillers fault. No Reflex was taken because the core barrel is stuck and the instrument cant be put in.

WORK DONE BY

Work	From	To	Worker	Start	End
Drilling	0.0	35.4	Walker Drilling	2014-Sep-15	Sep-17
Downhole Survey	0.0	35.4	Walker Drilling	2014-Sep-17	Sep-17
Core Logging	0.0	35.4	Dennis Patron	2014-Sep-21	Sep-21
Core Logging	0.0	35.4	Athraa Koma	2014-Sep-21	Sep-21

DRILL LOG

GEOLOGY				VISUAL		ASSAY RESULTS					
From	To	Code	Comment	Cp %	Py%	Sample	From	To	Length	Au gpt	Cu %
0.64	35.36	SY	Syenite This hole is collared into a pinkish colored, medium grained, abundantly (35-40%), feldspar porphyritic syenite. The groundmass is medium to dark, maroon-grey, fine grained, feldspar/feldspathoid material. Locally, finer grained (2-3mm), dark grey-green, lath-shaped, mafic (originally amphiboles?) phenocryst/porphyroblasts occur with the larger white/pink felsic phenocrysts. Small (gravel-sized) dark green mafic xenoliths are entrained within the coherent, relatively unaltered and unmineralized intrusive rock. This rock is hard, competent and rarely fractured. Non ankeritic, non calcareous and non magnetic. Trace pyrites. No sample was collected. The hole was abandoned when the core barrel get stuck at the bottom. The core barrel was left behind.			41836	1.80	3.00	1.20		
						41837	3.00	4.20	1.20		
						41838	4.20	5.40	1.20		
						41839	5.40	6.60	1.20		
						41840	6.60	7.80	1.20		
						41841	7.80	9.00	1.20		
						41842	9.00	10.20	1.20		
						41843	10.20	11.40	1.20		
						41844	11.40	12.60	1.20		
						41845	12.60	13.80	1.20		
						41846	13.80	15.00	1.20		
						41847	15.00	16.20	1.20		
						41848	16.20	17.40	1.20		
						41852	17.40	18.60	1.20		
						41853	18.60	19.80	1.20		
						41854	19.80	21.00	1.20		
						41855	21.00	22.20	1.20		
						41856	22.20	23.40	1.20		
						41857	23.40	24.60	1.20		
						41858	24.60	25.80	1.20		
						41859	25.80	27.00	1.20		
						41860	27.00	28.20	1.20		
						41861	28.20	29.40	1.20		
						41862	29.40	30.60	1.20		
						41863	30.60	31.80	1.20		
						41864	31.80	32.80	1.00		
						41865	32.80	33.80	1.00		
0.00	0.64	OVB	Overburden Core recovery was measured to begin at 2.10'. The driller's block indicate that they placed 1.52 m (5.0 ft) of NW casing. NOTE: All the core is systematically tested for pervasive carbonate using dilute hydrochloric acid (HCl) and potassium ferricyanide (KFC). The acid fizzes in contact with calcite and the KFC stains the core blue in the presence of ankerite. In certain areas, the core is tested with a magnet to determine relative magnetite content.			41835	0.60	1.80	1.20		
35.36		EOH	End of hole.								

DOWNHOLE ORIENTATION SURVEYS

Depth	Test	Az	Dip	Type	Comments
0.00	90.0°	90.0°	-60.0°	Collar	

GEOTECHNICAL INFORMATION

From	To	Len	Core	Rec (%)	>10cm	RQD (%)	Breaks
0.6	4.9	4.2			0.7	17	6
4.9	7.2	2.4			1.1	47	16
7.2	11.0	3.8			2.5	67	12
11.0	14.0	3.0			1.8	60	20
14.0	17.1	3.1			2.2	70	18
17.1	20.1	3.1			2.4	80	20
20.1	23.2	3.1			1.6	51	25
23.2	26.2	3.1			2.2	73	19
26.2	29.3	3.1			1.7	57	15
29.3	32.3	3.1			1.8	60	18
32.3	35.4	3.0			1.3	41	15

Golden Target Project

Drill Log CR2014-17

COLLAR INFORMATION

Claim: 4273175
Projection: NAD83 17N **Azimuth:** 96.70°
Easting: 539,564.00 m **Dip:** -60.00°
Northing: 5,359,455.00 m **Length:** 103.02 m
Elevation: 360.00 m **Core Size:** NQ

Storage: CanREE explo site

Comments: The Gabbro target near surface was displaced by a strong fault at 88.43 m.

WORK DONE BY

Work	From	To	Worker	Start	End
Drilling	0.0	103.0	Walker Drilling	2014-Sep-18	Sep-20
Downhole Survey	0.0	103.0	Walker Drilling	2014-Sep-20	Sep-20
Core Logging	0.0	103.0	Dennis Patron	2014-Sep-21	Sep-21
Core Logging	0.0	103.0	Athraa Koma	2014-Sep-21	Sep-21

DRILL LOG

GEOLOGY				VISUAL		ASSAY RESULTS						
From	To	Code	Comment	Cp %	Py%	Sample	From	To	Length	Au gpt	Cu %	
94.90	103.10	GB	Fine to Medium Grained Gabbro			0.1	40271	94.90	96.10	1.20		
			This gabbro was supposed to be intercepted at near the collar but was burried by the fault above. This gabbro appears different from the usual gabbro in the area. It is dark grey probably strongly metamorphose, aphyric to very finely mafic-mineral present Gabbro. The rock is non calcareous, non ankeritic and weakly to moderately magnetic. It is massive and crystalline and homogenous.			0.1	40272	96.10	97.30	1.20		
							0.1	40273	97.30	98.50	1.20	
								40274	98.50	99.70	1.20	
							0.1	40276	99.70	100.90	1.20	
							0.1	40277	100.90	101.90	1.00	
							0.1	40278	101.90	103.05	1.15	
			Within the Gabbro zone there are few epidote veins, below are the location, the width and the orientation of the vein									
			98.40: 4cm, 120°ca									
			98.50: 15cm, 120°ca									
			98.80: 25cm, 20°ca									
			99.95: 5cm, 140°ca									
			101.50: 6cm, 110°ca									
88.40	94.90	FLTZ	Fault Zone			0.1	40266	88.90	90.10	1.20		
			The hole enters a tectonic breccia with associated fault gouge. The upper contact is measured to be 45°ca. Within this fault zone there are several patches of hematite alteration that are less than 5 cm thick. There is fault breccia section measuring 0.55 meters observed from 89.6 meter mark that has a sharp contacts on both ends oriented at 60°ca.			0.1	40267	90.10	91.30	1.20		
							0.1	40268	91.30	92.50	1.20	
							0.1	40269	92.50	93.70	1.20	
							0.1	40270	93.70	94.90	1.20	

DRILL LOG

GEOLOGY				VISUAL		ASSAY RESULTS					
From	To	Code	Comment	Cp %	Py%	Sample	From	To	Length	Au gpt	Cu %
47.90	88.40	MV	Mafic Volcanics/Amphibolite		0.1	40504	48.30	49.50	1.20		
			A change in texture and grain size marks the beginning of what we classified as mafic volcanics or basalt but when metamorphosed becomes amphibolitized mafic volcanics. This mafic volcanic rock is the dominant rock unit this whole package. However, short intervals of amphibolite which is the metamorphosed diabase or gabbro and syenite comes in and out of this unit as described below. Upper contact (UC) and lower contacts (LC) are sharp that's why it is recorded. Weak to moderate foliation fabric that is present in the mafic volcanics were also measured and recorded. Sampling was also done here.		0.1	40505	49.50	50.70	1.20		
					0.1	40506	50.70	51.90	1.20		
					0.1	40507	51.90	53.10	1.20		
					0.1	40508	53.10	54.30	1.20		
					0.1	40509	54.30	55.50	1.20		
						40510	55.50	56.70	1.20		
					0.1	40511	56.70	57.90	1.20		
				0.1	0.5	40512	57.90	59.10	1.20		
					0.1	40513	59.10	60.30	1.20		
					0.1	40514	60.30	61.50	1.20		
			47.80-48.40: Mafic Volcanics. UC=130°ca, LC=125°ca, Foliation=125°ca		0.1	40515	61.50	62.70	1.20		
			48.40-48.60: 98% Syenite Dyke and 2% Mafic Volcanics. UC=125°ca, LC=55°ca		0.1	40516	62.70	63.90	1.20		
			48.60-49.65: Mafic Volcanics. UC=55°ca, LC=10°ca, Foliation=20°ca		0.1	40517	63.90	65.10	1.20		
			49.65-50.45: 90% Syenite Dyke and 10% Mafic Volcanics. UC=10°ca, LC=45°ca, Foliation=45°ca		0.1	40518	65.10	66.30	1.20		
					0.1	40519	66.30	67.50	1.20		
					0.1	40520	67.50	68.70	1.20		
			50.45-51.75: 98% Mafic Volcanics and 2% Syenite Dyke. UC=45°ca, LC=45°ca, Foliation =45°ca		0.1	40521	68.70	69.90	1.20		
					0.1	40522	69.90	71.10	1.20		
					0.1	40523	71.10	72.30	1.20		
					0.1	40524	72.30	73.50	1.20		
			51.75-52.10: 99% Syenite Dyke and 1% Mafic Volcanics. UC=45°ca, LC=40°ca		0.1	40526	73.50	74.70	1.20		
			52.10-53.25: 98% Mafic Volcanics and 2% Syenite Dyke. UC=40°ca, LC=145°ca, Foliation=35°ca		0.1	40527	74.70	75.90	1.20		
					0.1	40528	75.90	77.10	1.20		
					0.1	40529	77.10	78.30	1.20		
					0.1	40530	78.30	79.50	1.20		
			53.25-53.45: Syenite Dyke. UC=145°ca, LC=145°ca		0.1	40531	79.50	80.70	1.20		
			53.45-53.70: Amphibolite. UC=145°ca, LC=145°ca		0.1	40532	80.70	81.90	1.20		
			53.70-54.25: Mafic Volcanics. UC=145°ca, LC=145°ca		0.1	40533	81.90	83.10	1.20		
			54.25-55.45: 98% Syenite Dyke and 2% Amphibolite. UC=145°ca, LC=145°ca		0.1	40534	83.10	84.30	1.20		
					0.1	40535	84.30	85.50	1.20		
			55.45-56.98: Mafic Volcanics. UC=145°ca, LC=20°ca, Foliation=30°ca		0.1	40536	85.50	86.70	1.20		
						41883	86.70	87.70	1.00		
			56.98-57.25: Syenite Dyke. UC and LC =20°ca		0.1	40265	87.70	88.90	1.20		
			57.25-57.65: Mafic Volcanics. UC=20°ca, LC=160°ca, Foliation=160°ca								
			57.65-57.85: Syenite Dyke. UC=160°ca, LC=165°ca								
			57.80-61.10: Mafic Volcanics. UC=165°ca, LC=30°ca, Foliation=160°ca								
			61.10-62.75: 90% Mafic Volcanics and 10% Syenite Dyke. UC=30°ca, LC=160°ca, Foliation=160°ca								
			62.75-63.13: 90% Amphibolite and 10% Syenite Dyke. UC=160°ca, LC=155°ca								
			63.13-63.41: Mafic Volcanics. UC=155°ca, LC=150°ca, Foliation=160°ca								
			63.41-63.80: 99% Amphibolite and 1% Syenite Dyke. UC=150°ca, LC=160°ca, Foliation=160°ca								
			63.80-65.3: 90% Mafic Volcanics and 10% Syenite Dyke. UC=160°ca, LC=60°ca, Foliation=160°ca								
			65.30-65.80: 80% Syenite Dyke and 20% Diabase. UC=160°ca, LC=135°ca								
			65.80-70.80: 98% Mafic Volcanics and 2% Syenite Dyke. UC=135°ca, LC=60°ca, Foliation 150°ca								
			70.80-71.90: 80% Syenite Dyke and 20% Mafic Volcanics. UC=60°ca, LC=45°ca								
			71.90-73.90: 90% Mafic Volcanics and 10% Syenite Dyke. UC=45°ca, LC=30°ca, Foliation=150°ca								

DRILL LOG

GEOLOGY				VISUAL		ASSAY RESULTS					
From	To	Code	Comment	Cp %	Py%	Sample	From	To	Length	Au gpt	Cu %
			73.90-77.90: 60% Syenite Dykes and 40% Mafic Volcanics. UC=30°ca, LC=20°ca, Foliation=30°ca								
			77.90-78.20: Amphibolite. UC=20°ca, LC=140°ca								
			78.20-88.40: 50% Syenite Dyke and 50% Mafic Volcanics. UC=140°ca								
10.60	47.90	AMSY	Amphibolite/Syenite Package This hole is collared into a mix intrusive of Syenite and Amphibolite. Below are the details where each interval was observed. The upper and lower contact was taken as well as the modal percentage of pyrite. The rock is generally non calcareous, weakly ankeritic and moderately magnetic. The Diabase appears like a fine to medium grained gabbro that's why samples were collected on this rock unit starting from 26.7 m depth.			41868	11.80	13.00	1.20		
						41869	13.00	14.20	1.20		
						41870	14.20	15.40	1.20		
						41871	15.40	16.60	1.20		
						41872	16.60	17.80	1.20		
						41873	17.80	19.00	1.20		
						41877	19.00	20.20	1.20		
						41878	20.20	21.40	1.20		
						41879	21.40	22.60	1.20		
			10.60-10.80: Amphibolite Syenite Package. LC=130°ca			41880	22.60	23.80	1.20		
			10.80-10.98: Syenite Dyke. UC=130°ca, LC=55°ca			41881	23.80	25.20	1.40		
			10.98-12.00: 98% Amphibolite and 2% Syenite Dyke. UC=55°ca, LC=90°ca			41882	25.20	26.70	1.50		
			12.00-12.50: 98% Syenite and 2% Amphibolite. UC=90°ca			40485	26.70	27.90	1.20		
			12.50-18.00: Broken Rock-Syenite-Amphibolite Package.			0.1	40486	27.90	29.10	1.20	
			18.00-18.90: 98% Amphibolite and 2% Syenite. LC=40°ca		0.1	40487	29.10	30.30	1.20		
			18.90-24.30: 90% Syenite and 10% Syenite Dyke. UC=40°ca, LC=70°ca		0.1	40488	30.30	31.50	1.20		
			24.30-26.50: Massive Syenite. UC=70°ca, LC=50°ca		0.1	40489	31.50	32.70	1.20		
			26.50-27.80: 98% Amphibolite and 2% Syenite Dyke. UC=50°ca, LC=60°ca		0.1	40490	32.70	33.90	1.20		
			27.80-30.15: 95% Syenite Dyke and 5% Amphibolite. UC=60°ca, LC=45°ca		0.1	40491	33.90	35.10	1.20		
			30.15-34.05: 98% Amphibolite and 2% Syenite Dyke. UC=45°ca, LC=145°ca		0.1	40492	35.10	36.30	1.20		
			34.05-47.85: 60% Syenite Dyke and 40% Amphibolite. UC=145°ca, LC=130°ca		0.1	40493	36.30	37.50	1.20		
					0.1	40494	37.50	38.70	1.20		
					0.1	40495	38.70	39.90	1.20		
					0.1	40496	39.90	41.10	1.20		
					0.1	40497	41.10	42.30	1.20		
					0.1	40498	42.30	43.50	1.20		
					0.1	40499	43.50	44.70	1.20		
					0.1	40501	44.70	45.90	1.20		
					0.1	40502	45.90	47.10	1.20		
					0.1	40503	47.10	48.30	1.20		
0.00	10.25	OVB	Overburden Core recovery was measured to begin at 27.39'. The driller's block indicate that they placed 10.0 m (32.8 ft) of NW casing. Rubbles or broken rock from 8.35 m to 10.60. The rocks have rounded edges suggesting that it is part of the overburden. NOTE: All the core is systematically tested for pervasive carbonate using dilute hydrochloric acid (HCl) and potassium ferricyanide (KFC). The acid fizzes in contact with calcite and the KFC stains the core blue in the presence of ankerite. In certain areas, the core is tested with a magnet to determine relative magnetite content.								
103.02		EOH	End of hole.								

DOWNHOLE ORIENTATION SURVEYS

Depth	Test	Az	Dip	Type	Comments
0.00	96.7°	96.7°	-60.0°	Collar	
14.63	108.7°	97.5°	-59.4°	Multi	
17.68	109.8°	98.6°	-59.4°	Multi	
20.73	108.8°	97.6°	-59.2°	Multi	
23.77	109.8°	98.6°	-59.3°	Multi	
26.82	114.9°	103.7°	-59.3°	Multi	
29.87	110.2°	99.0°	-59.5°	Multi	
32.92	111.2°	100.0°	-59.5°	Multi	
35.97	112.4°	101.2°	-59.7°	Multi	
39.01	111.7°	100.5°	-59.7°	Multi	
42.06	112.9°	101.7°	-59.7°	Multi	
45.11	113.2°	102.0°	59.7°	Multi	
48.16	114.7°	103.5°	-59.7°	Multi	
51.21	111.4°	100.2°	-59.8°	Multi	
54.25	110.2°	99.0°	-59.7°	Multi	
57.30	111.6°	100.4°	-59.6°	Multi	
60.35	111.8°	100.6°	-59.8°	Multi	
63.40	113.1°	101.9°	-59.9°	Multi	
66.45	111.4°	100.2°	-59.7°	Multi	
69.49	111.4°	100.2°	-59.9°	Multi	
72.54	114.8°	103.6°	-60.0°	Multi	
75.59	111.6°	100.4°	-60.1°	Multi	
78.64	110.0°	98.8°	-59.8°	Multi	
81.69	112.5°	101.3°	-60.0°	Multi	
84.73	112.4°	101.2°	-59.9°	Multi	
87.78	112.0°	100.8°	-60.1°	Multi	
90.83	111.7°	100.5°	-60.0°	Multi	
93.88	111.8°	100.6°	-59.7°	Multi	
96.93	112.9°	101.7°	-60.4°	Multi	
99.97	111.4°	100.2°	-60.2°	Multi	

GEOTECHNICAL INFORMATION

From	To	Len	Core	Rec (%)	>10cm	RQD (%)	Breaks
8.6	11.6	3.0			2.1	70	10
11.6	14.6	3.0			1.3	44	9
14.6	17.7	3.1			0.3	10	9
17.7	20.7	3.1			2.8	91	16
20.7	23.8	3.1			2.2	73	15
23.8	26.8	3.1			2.2	71	12
26.8	29.9	3.1			2.9	96	11
29.9	32.9	3.1			2.3	74	9
32.9	36.0	3.1			3.0	98	8
36.0	39.0	3.0			3.0	100	15
39.0	42.1	3.1			3.0	99	11
42.1	45.1	3.1			3.0	99	9
45.1	48.2	3.1			3.1	100	13
48.2	51.2	3.1			2.9	94	14
51.2	54.3	3.1			2.8	91	17
54.3	57.3	3.1			2.6	86	12
57.3	60.4	3.1			2.8	92	12
60.4	63.4	3.0			1.8	58	31
63.4	66.5	3.1			2.8	90	12
66.5	69.5	3.0			2.8	92	9
69.5	72.6	3.1			2.9	94	15
72.6	75.6	3.1			2.8	92	10
75.6	78.7	3.1			2.8	92	10
78.7	81.7	3.1			2.7	89	11
81.7	84.8	3.1			2.8	91	7
84.8	87.8	3.0			2.7	88	16
87.8	90.9	3.1			3.0	98	5
90.9	93.0	2.1			0.9	40	
93.0	93.9	0.9			0.2	21	6
93.9	97.0	3.1			1.6	52	12
97.0	100.0	3.1			2.6	86	10
100.0	103.1	3.1			2.4	79	19

Golden Target Project

Drill Log CR2014-18

COLLAR INFORMATION

Claim: 4273194
Projection: NAD83 17N **Azimuth:** 89.20°
Easting: 539,868.00 m **Dip:** -60.00°
Northing: 5,360,034.00 m **Length:** 103.02 m
Elevation: 366.00 m **Core Size:** NQ

Storage: CanREE explo site

Comments: Exploration Hole at 427194 claim

WORK DONE BY

Work	From	To	Worker	Start	End
Drilling	0.0	103.0	Walker Drilling	2014-Sep-17	Sep-19
Downhole Survey	0.0	103.0	Walker Drilling	2014-Sep-19	Sep-19
Core Logging	0.0	103.0	Dennis Patron	2014-Sep-23	Sep-23
Core Logging	0.0	103.0	Athraa Koma	2014-Sep-23	Sep-23

DRILL LOG

GEOLOGY				VISUAL		ASSAY RESULTS					
From	To	Code	Comment	Cp %	Py%	Sample	From	To	Length	Au gpt	Cu %
55.00	103.10	BX	Breccia Zone Short intervals of mafic volcanic and mafic fragments are mixed in with the syenite dike either as rafts in a large dike or as country rock that has been cut by multiple dikes. Some of the volcanic fragments display in situ crackly brecciation. Phenocrysts are white subhedral to anhedral feldspar pseudocrysts. Pyrite also occurs in blebs possibly replacing mafic phenocrysts. The rock is non to weakly ankeritic, moderately magnetic and non to weakly calcareous in places. Below are the details of the core log.	1.0		40321	55.20	56.40	1.20		
				1.0		40322	56.40	57.60	1.20		
				1.0		40323	57.60	58.80	1.20		
				1.0		40324	58.80	60.00	1.20		
				1.0		40326	60.00	61.20	1.20		
				1.0		40327	61.20	62.40	1.20		
				1.0		40328	62.40	63.60	1.20		
				1.0		40329	63.60	64.80	1.20		
				1.0		40330	64.80	66.00	1.20		
				1.0		40331	66.00	67.20	1.20		
			54.95-59.23: Breccia Zone. 80% MV and 20% Syenite. Angular fragments of MV inclusions noted on the syenite dykes suggesting that the MV is older than the Syenite. Meshwork of epidote pyrite veins is common in the MV estimated to be 1% to 2% locally. UC=60°ca, LC=120°ca	0.5		40332	67.20	68.40	1.20		
				0.5		40333	68.40	69.60	1.20		
				0.5		40334	69.60	70.80	1.20		
				0.5		40335	70.80	72.00	1.20		
				0.5		40336	72.00	73.20	1.20		
			59.23-66.46: 95% mafic volcanics and 5% syenite dyklets. The mafic volcanics (MV) contains few <1% feldspar phenos and also contains meshworks of epidote pyrite stringers anastomosing the unit. 1% to 5% locally is the pyrite estimate. Pyrite also occurs at the margins of the syenite dyklets. UC=120 and LC is 45°ca.	0.5		40337	73.20	74.40	1.20		
				0.5		40338	74.40	75.60	1.20		
				0.5		40339	75.60	76.80	1.20		
				0.5		40340	76.80	78.00	1.20		
				0.5		40341	78.00	79.20	1.20		
				0.5		40342	79.20	80.40	1.20		
			66.46-83.00: Breccia Zone This interval contains angular fragments of mafic volcanics that is cemented by syenite. Seems like the MV is shattered and the syenite fills the interstices or voids thereby appearing like a breccia. This is possibly a tectonic breccia zone similar at 54.95 m depth. Meshworks of pyrite epidote anastomosing the MV. 1% to 5% Py locally. Pyrites noted on the margins of syenites.	0.5		40343	80.40	81.60	1.20		
				0.5		40344	81.60	82.80	1.20		
				0.5		40467	82.80	84.00	1.20		
				0.5		40468	84.00	85.20	1.20		
				0.5		40469	85.20	86.40	1.20		
				0.5		40470	86.40	87.60	1.20		
			79.10-79.90: Massive and crystalline syenite dyke that is included in this unit.	0.5		40471	87.60	88.80	1.20		
				0.5		40472	88.80	90.00	1.20		
				0.5		40473	90.00	91.20	1.20		
				0.5		40474	91.20	92.40	1.20		
			90.00-103.05: Mafic Volcanics intruded by 5% Syenite Dykes. The MV is weakly foliated at 25°ca and contains epidote stringers anastomosing the unit subparallel to thye foliation fabric. Trace to 0.5% pyrite. There is a massive and crystalline syenite dyke from 96.8 to 99 that is included in this interval.	0.5		40476	92.40	93.60	1.20		
				0.5		40477	93.60	94.80	1.20		
				0.5		40478	94.80	96.00	1.20		
				0.5		40479	96.00	97.20	1.20		
				0.5		40480	97.20	98.40	1.20		
				0.5		40481	98.40	99.60	1.20		
				0.5		40482	99.60	100.80	1.20		
						40483	100.80	102.00	1.20		
				0.5		40484	102.00	103.05	1.05		

DRILL LOG

GEOLOGY				VISUAL		ASSAY RESULTS					
From	To	Code	Comment	Cp %	Py%	Sample	From	To	Length	Au gpt	Cu %
47.70	55.00	MVFP	Feldspar Phyric Mafic Volcanics		0.5	40315	48.00	49.20	1.20		
			A contact at 80°ca marks the change into a unit that is porphyritic, but is very fine grained. Based on the fabric grain size this unit is interpreted to be an amphibolitized flow containing coarse feldspar phenocrysts. The feldspar phenos occupy 10% of the interval. There are silvery and yellowish metallic flecks that can be scratched by a knife suggesting it is not pyrite or arsenopyrite but something different. After 50 meters depth the feldspar phenos disappear and the core reverts back to massive mafic volcanics up to 54,95. Pervasive linear shreds of calcite epidote throughout give the core a crackly appearance. Also present is a network of thin chlorite stringers. The rock is non to weakly calcareous, non ankeritic and moderately to dstrongly magnetic. 0.5% to 1% pyrite occurring as disseminations and fracture fillings.			40316	49.20	50.40	1.20		
					0.5	40317	50.40	51.60	1.20		
					0.5	40318	51.60	52.80	1.20		
					0.5	40319	52.80	54.00	1.20		
					0.5	40320	54.00	55.20	1.20		

DRILL LOG

GEOLOGY				VISUAL		ASSAY RESULTS					
From	To	Code	Comment	Cp %	Py%	Sample	From	To	Length	Au gpt	Cu %
0.75	47.70	MVBX	Mafic Volcanics/Brecciated Mafic Volcanics			41911	0.75	2.00	1.25		
			This exploration hole at 427194 is collared on what we classified as mafic volcanics or basalt. This mafic volcanic rock the core is weakly aligned at 50°ca and 130°ca. It is dark blackish-greenish-pink, fine grained, and massive and brecciated oftentimes. The seems to be brecciated in situ and exhibits a weak fabric of 60°ca. Shredded, wispy, pinkish green areas are intensely pervasive throughout. However, short intervals of gabbro and syenite comes in and out of this unit as described below. Upper contact (UC) and lower contacts (LC) are sharp thats why it is recorded. Weak to moderate foliation fabric that is present in the mafic volcanics were also measured and recorded. The interstices or margins of the breccia were filled with quartz and epidote. It is good signature for gold except that pyrite mineralization is kind of weak. Sampling was taken on this hole for a possibility that other minerals including gold maybe present. The host rock itself is weakly to moderately silicified thats why it is hard. Generally the rock is non calcareous, weakly ankeritic and moderately magnetic. Below are the details of the core log.			41912	2.00	3.20	1.20		
						41913	3.20	4.40	1.20		
						41914	4.40	6.00	1.60		
					0.8	40279	6.00	7.20	1.20		
						40280	7.20	8.40	1.20		
					1.0	40281	8.40	9.60	1.20		
					1.0	40282	9.60	10.80	1.20		
					1.0	40283	10.80	12.00	1.20		
					0.8	40284	12.00	13.20	1.20		
					1.0	40285	13.20	14.40	1.20		
					2.0	40286	14.40	15.60	1.20		
					3.0	40287	15.60	16.80	1.20		
					2.0	40288	16.80	18.00	1.20		
					1.0	40289	18.00	19.20	1.20		
					1.0	40290	19.20	20.40	1.20		
					1.0	40291	20.40	21.60	1.20		
					0.5	40292	21.60	22.80	1.20		
			0.61- 5.70: 80% Brecciated mafic volcanics and 20% Syenite Dyke. LC=70°ca, Foliation=50°ca, 0.5%- 1% Py			0.5	40293	22.80	24.00	1.20	
						0.5	40294	24.00	25.20	1.20	
						0.5	40295	25.20	26.40	1.20	
			5.70- 7.60: 99.5% Gabbro and 0.5% Syenite Dyke UC=70°ca, LC is not defined with one angle, the contact is an S shape top of the S is 90°ca and bottom of the S is 50°ca and the middle is 0°ca, Trace to 0.5% Py			0.5	40296	26.40	27.60	1.20	
						1.0	40297	27.60	28.80	1.20	
						1.0	40298	28.80	30.00	1.20	
						1.0	40299	30.00	31.20	1.20	
			7.60- 8.65: Massive Syenite. LC=145°ca, 0.5% Py			1.0	40301	31.20	32.40	1.20	
			8.65-12.65: 99% Brecciated Mafic Volcanics and 1% Syenite Dyke. UC=145°ca, LC=30°ca, Foliation=130°ca, 1% Py			2.0	40302	32.40	33.60	1.20	
						1.0	40303	33.60	34.80	1.20	
			12.65-13.98: 98% Gabbro and 2% Syenite Dyke. UC=30°ca, LC=50°ca, 0.5%- 1% Py			1.0	40304	34.80	36.00	1.20	
						0.5	40305	36.00	37.20	1.20	
						0.5	40306	37.20	38.40	1.20	
						0.5	40307	38.40	39.60	1.20	
			13.98-14.25: 99% Mafic Volcanics and 1% Syenite Dyke. UC and LC =50°ca, Foliation=45°ca, 1% Py			0.5	40308	39.60	40.80	1.20	
						0.5	40309	40.80	42.00	1.20	
						0.5	40310	42.00	43.20	1.20	
			14.25-14.40: Gabbro. UC=50°ca, LC=90°ca, 1% Py			0.5	40311	43.20	44.40	1.20	
			14.40-14.95: Mafic Volcanics. UC=90°ca, LC=35°ca, Foliation=130°ca, 1% Py			0.5	40312	44.40	45.60	1.20	
						0.5	40313	45.60	46.80	1.20	
						0.5	40314	46.80	48.00	1.20	
			14.95-15.35: 95% Syenite Dyke and 2% Mafic Volcanics. UC=35°ca, LC=60°ca, 2% Py								
			15.35-16.95: Massive Syenite with CPY. UC=60°ca, LC=120°ca, 2%- 5% Py as fracture fillings.								
			16.95-18.85: 98% Brecciated Mafic Volcanics and 2% Syenite Dyke. UC=120°ca, LC=130°ca, Foliation=130°ca, 1%- 2% Py								
			18.85-19.25: 98% Gabbro and 2% Syenite Dyke. UC=130°ca, LC=40°ca, 1% Py								
			19.25-20.30: Brecciated mafic Volcanics. UC=40°ca, LC=130°ca, Foliation=130°ca								
			20.30-20.75: 70% Gabbro and 30% Syenite Dyke, 1% Py. UC=130°ca, LC=135°ca, 1% Py								
			20.75-22.15: 99% Brecciated Mafic Volcanics and 1% Syenite Dyke. UC=135°ca, LC=35°ca, 1%- 2% Py								
			22.15-22.30: Gabbro. UC=35°ca, LC=90°ca, 0.5% Py								
			22.30-22.50: 50% Mafic Volcanics and 50% Syenite Dyke. UC=90°ca, LC=145°ca, 0.5%-2% Py								

DRILL LOG

GEOLOGY				VISUAL		ASSAY RESULTS					
From	To	Code	Comment	Cp %	Py%	Sample	From	To	Length	Au gpt	Cu %
			22.50-22.70: Gabbro. UC=145°ca, LC=25°ca, 0.5% Py								
			22.70-23.30: Mafic Volcanics. UC=25°ca, LC=130°ca, Foliation=50°ca, 1% Py								
			23.30-23.70: Breccia Zone. UC and LC =130°ca, 1% Py								
			23.70-24.80: 95% Gabbro and 5% Syenite Dyke. UC=130°ca, LC=145°ca, 0.5%-1% Py								
			24.80-25.30: Mafic Volcanics. UC=145°ca, LC=130°ca, 2% Py								
			25.30-27.20: 40% Gabbro, 40% Syenite Dyke and 20% Mafic Volcanics. UC=130°ca, LC=105°ca, Foliation=130°ca, 0.5%-2% Py								
			27.20-30.40: 98% Mafic Volcanics and 2% Syenite Dyke. UC=105°ca, LC=130°ca, Foliation=130°ca, 1%-2% Py								
			30.40-30.80: Syenite Dyke with 3 Gabbro inclusions that range from 5-10 cm. UC=130°ca, LC=130°ca, 0.5% Py								
			30.80-30.85: Mafic Volcanics. UC=140°ca, LC=115°ca, 0.5% Py								
			30.85-32.40: 95% Gabbro and 5% Syenite Dyke. UC=115°ca, LC=40°ca, 0.5%- 2% Py								
			32.40-32.70: 98% Mafic volcanics and 2% Syenite Dyke. UC=40°ca, LC=40°ca 2% Py								
			32.70-35.25: 95% Gabbro and 5% Syenite Dyke. UC=40°ca, LC=125°ca, 1% Py								
			35.25-36.30: 90% Mafic Volcanics and 10% Syenite Dyke. UC=125°ca, LC=130°ca, Foliation=150°ca, 0.5% Py								
			36.30-41.40: 98% Mafic Volcanics and 2% Syenite Dyke. Few feldspar Phenos associated. UC=130°ca, LC=135°ca, Foliation=130°ca, 0.5%- 1% Py								
			41.40-42.25: Massive Syenite. UC=135°ca, LC=125°ca, 0.5% Py								
			42.25-44.17: mafic volcanics with 2% syenite dykes that cuts the unit at various directions. UC=125°ca, LC 50°ca, 0.5% Py								
			44.17-45.35: This interval have 50% Syenite and 50% altered mafic volcanics. There are 5% Py on the mafic volcanics. Foliation of MV is 20°ca.								
			45.35-47.50: Mafic Volcanics with 2% syenite dykes. UC is arbitrary but LC is sharp at 80°ca, 0.5% Py								
0.00	0.75	OVB	Overburden Core recovery was measured to begin at 2.00'. The driller's block indicate that they placed 1.52 m (5.0 ft) of NW casing. NOTE: All the core is systematically tested for pervasive carbonate using dilute hydrochloric acid (HCl) and potassium ferricyanide (KFC). The acid fizzes in contact with calcite and the KFC stains the core blue in the presence of ankerite. In certain areas, the core is tested with a magnet to determine relative magnetite content.								
103.02		EOH	End of hole.								

DOWNHOLE ORIENTATION SURVEYS

Depth	Test	Az	Dip	Type	Comments
0.00	89.2°	89.2°	-60.0°	Collar	
17.68	101.2°	90.0°	-59.6°	Multi	
20.73	100.8°	89.6°	-59.2°	Multi	
23.77	102.5°	91.3°	-59.5°	Multi	
26.82	104.8°	93.6°	-59.5°	Multi	
29.87	104.5°	93.3°	-59.6°	Multi	
32.92	102.7°	91.5°	-59.4°	Multi	
35.97	107.2°	96.0°	-59.5°	Multi	
39.01	105.9°	94.7°	-59.5°	Multi	
42.06	103.9°	92.7°	-59.6°	Multi	
45.11	104.3°	93.1°	-59.4°	Multi	
48.16	103.7°	92.5°	-59.6°	Multi	
51.21	104.6°	93.4°	-59.6°	Multi	
54.25	103.0°	91.8°	-59.7°	Multi	
57.30	104.1°	92.9°	-59.6°	Multi	
60.35	103.6°	92.4°	-59.6°	Multi	
63.40	106.5°	95.3°	-59.7°	Multi	
66.45	102.9°	91.7°	-59.7°	Multi	
69.49	105.6°	94.4°	-59.6°	Multi	
72.54	105.6°	94.4°	-59.7°	Multi	
75.59	107.2°	96.0°	-59.6°	Multi	
78.64	108.2°	97.0°	-59.6°	Multi	
81.69	111.7°	100.5°	-59.6°	Multi	
84.73	111.2°	100.0°	-59.5°	Multi	
87.78	108.1°	96.9°	-59.6°	Multi	
90.83	111.8°	100.6°	-59.6°	Multi	
93.88	102.4°	91.2°	-59.6°	Multi	
96.93	102.8°	91.6°	-59.5°	Multi	
99.97	101.9°	90.7°	-59.6°	Multi	

GEOTECHNICAL INFORMATION

From	To	Len	Core	Rec (%)	>10cm	RQD (%)	Breaks
0.6	3.7	3.1			2.9	95	15
3.7	5.5	1.8			1.8	100	6
5.5	8.5	3.1			2.8	93	11
8.5	11.6	3.1			3.0	97	8
11.6	14.6	3.0			2.8	91	14
14.6	17.7	3.1			3.0	98	6
17.7	20.7	3.1			2.8	91	14
20.7	23.8	3.1			2.9	94	15
23.8	26.8	3.1			2.8	92	14
26.8	29.9	3.1			2.8	93	14
29.9	32.9	3.1			2.9	96	11
32.9	36.0	3.1			2.9	96	14
36.0	39.0	3.0			3.0	98	9
39.0	42.1	3.1			3.0	98	8
42.1	45.1	3.1			3.1	100	9
45.1	48.2	3.1			3.0	99	11
48.2	51.2	3.1			2.4	80	20
51.2	54.3	3.1			3.0	98	12
54.3	57.3	3.1			3.0	97	13
57.3	60.4	3.1			3.0	98	12
60.4	63.4	3.0			3.0	100	7
63.4	66.5	3.1			2.9	95	8
66.5	69.5	3.1			2.9	94	7
69.5	72.6	3.1			2.9	93	10
72.6	75.6	3.1			2.9	95	6
75.6	78.7	3.1			2.7	90	11
78.7	81.7	3.1			2.9	94	10

Golden Target Project

Drill Log CR2014-19

COLLAR INFORMATION

Claim: 4273175
Projection: NAD83 17N **Azimuth:** 327.10°
Easting: 539,555.00 m **Dip:** -60.00°
Northing: 5,359,453.00 m **Length:** 89.92 m
Elevation: 360.00 m **Core Size:** NQ
Storage: CanREE explo site

WORK DONE BY

Work	From	To	Worker	Start	End
Drilling	0.0	89.9	Walker Drilling	2014-Sep-20	Sep-21
Downhole Survey	0.0	89.9	Walker Drilling	2014-Sep-21	Sep-21
Core Logging	0.0	89.9	Dennis Patron	2014-Sep-25	Sep-25
Core Logging	0.0	89.9	Athraa Koma	2014-Sep-25	Sep-25

Comments: This drillhole was aligned at night and the drill was stuck into the mud. We just drill on it anyways but upon taking the Reflex survey, the azimuth is way off the target. Reflex have erratic reading due to abrupt change in magnetic susceptibility between the volcanics and syenite.

DRILL LOG

GEOLOGY				VISUAL		ASSAY RESULTS					
From	To	Code	Comment	Cp %	Py%	Sample	From	To	Length	Au gpt	Cu %
61.65	89.94	MV	Mafic Volcanics A sharp upper contact of 85°ca comes the Mafic Volcanics. This lithologic unit is classified into altered mafic volcanic and porphyritic mafic volcanics and the plain mafic volcanic. The first is pinkish grey due hematite alteration and streaks of dark green presumed to be chlorite. The second is what I call feldspar phyric mafic volcanics due to the presence of 5 mm to 1 cm feldspar phenocryst. Based on the fabric grain size this unit is interpreted to be a flow. This unit is dark grey with 3-10 mm waxy grey phenocrysts throughout, 3% with localized areas up to 5%. The third is the normal mafic volcanics which dark greenish grey, fine grained and massive. Also present is a network of thin chlorite stringers. This mafic volcanic is locally intruded by syenite porphyry. This felsic intrusive is reddish-orange, medium grained porphyritic syenite dyke. It does not completely intrude the core, but instead features tongues of the host mafic volcanic. Characteristic of the dyke are rounded, 3-4mm white phenocrysts, 0.5%. Below are the details of each lithology mentioned above. 61.65-70.90: 98% Hematite altered Mafic Volcanics and 2% Syenite Dyke. The alteration covers 10% of the Mafic Volcanics. UC=85°ca, LC=80°ca, Foliation =50 70.90-74.90: Mafic Volcanics. UC=85°ca, LC=125°ca 74.90-81.05: Hematite altered Mafic Volcanics. The alteration covers 10% of the Mafic Volcanics. UC=125°ca, LC=45°ca 81.05-84.85: Hematite altered Mafic Volcanics. The alteration covers 100% of the Mafic Volcanic Surface. UC=45°ca, LC=140°ca 84.85-85.40: Feldspar Phyric Mafic Volcanics. The feldspar phenocrysts are less than 5mm and the phenocrysts are stretched. UC=140°ca, LC=130°ca 85.40-89.94: Hematite altered Mafic Volcanics. The alteration covers 95% of the Mafic Volcanics Surface.			40581	62.20	63.40	1.20		
						40582	63.40	64.60	1.20		
						40583	64.60	65.80	1.20		
						40584	65.80	67.00	1.20		
						40585	67.00	68.20	1.20		
						40586	68.20	69.40	1.20		
						40587	69.40	70.60	1.20		
						40588	70.60	71.80	1.20		
						40589	71.80	73.00	1.20		
						40590	73.00	74.20	1.20		
						40591	74.20	75.40	1.20		
						40592	75.40	76.60	1.20		
						40593	76.60	77.80	1.20		
						40594	77.80	79.00	1.20		
						40595	79.00	80.20	1.20		
						40596	80.20	81.40	1.20		
						40597	81.40	82.60	1.20		
						40598	82.60	83.80	1.20		
						40599	83.80	85.00	1.20		
						40601	85.00	86.20	1.20		
						40602	86.20	87.40	1.20		
						40603	87.40	88.40	1.00		
						40604	88.40	89.40	1.00		

DRILL LOG

GEOLOGY				VISUAL		ASSAY RESULTS					
From	To	Code	Comment	Cp %	Py%	Sample	From	To	Length	Au gpt	Cu %
54.30	61.65	SY	Syenite Porphyry A sharp upper contact of 140°ca enters a more massive looking porphyritic unit that resembles a hematite altered syenite. Overall, it is medium/ dark pinkish grey to greyish pink mottled and streaked, medium grained with a faint speckling, and fairly massive with a weak fabric defined by the streaky colour variations at about 75 to 85°ca. The groundmass appears to be feldspathic. The rock is very competent and rarely fractured. Non to weakly magnetic throughout interval. Matrix is weakly pervaded with ankerite and gashy irregular veinlets are both ankeritic and calcitic. Trace pyrites. Sharp lower contact at 85°ca.			40574	55.00	56.20	1.20		
						40576	56.20	57.40	1.20		
						40577	57.40	58.60	1.20		
						40578	58.60	59.80	1.20		
						40579	59.80	61.00	1.20		
						40580	61.00	62.20	1.20		

DRILL LOG

GEOLOGY				VISUAL		ASSAY RESULTS					
From	To	Code	Comment	Cp %	Py%	Sample	From	To	Length	Au gpt	Cu %
20.30	54.30	BX	Breccia Zone			40545	21.40	22.60	1.20		
			This zone consists of angular mafic fragments or inclusions within a syenite intrusion. There are 2 lithologic units that comprises the fragments. They are mafic volcanics and amphibole rich mafic intrusive which were identified in thin section as amphibolite. The sizes of the mafic fragments range from 3 cm to 15 cm. Hematite alterations is pervasive. Metallic minerals were observed to be occurring at the rims of the fragments. Brecciated mafic volcanics refers to the mafic volcanics that seems to be brecciated in situ and was stretched but fragments were not scattered. The rock is non calcareous, weakly to moderately magnetic and weakly ankeritic. Also included in this zone are the massive syenite that comes in and out of this sub volcanic unit like tongues. Below are the details of each lithology including the contact angles.			40546	22.60	23.80	1.20		
						40547	23.80	25.00	1.20		
						40548	25.00	26.20	1.20		
						40549	26.20	27.40	1.20		
						40551	27.40	28.60	1.20		
						40552	28.60	29.80	1.20		
						40553	29.80	31.00	1.20		
						40554	31.00	32.20	1.20		
						40555	32.20	33.40	1.20		
						40556	33.40	34.60	1.20		
						40557	34.60	35.80	1.20		
						40558	35.80	37.00	1.20		
						40559	37.00	38.20	1.20		
			20.30-20.90: Brecciated Mafic Volcanics. UC=140°ca, LC=60°ca			40560	38.20	39.40	1.20		
						40561	39.40	40.60	1.20		
			20.90-21.30: Hematite altered Amphibolite. The alterations are patches on the Amphibolite and they cover 50%.. UC=60°ca, LC=140°ca			40562	40.60	41.80	1.20		
						40563	41.80	43.00	1.20		
						40564	43.00	44.20	1.20		
			21.30-23.70: Massive Syenite with Amphibolite Xenoliths. The Xenoliths range from 3cm to 15cm, they are sub-rounded to angular in shape. UC=140°ca, LC=130°ca			40565	44.20	45.40	1.20		
						40566	45.40	46.60	1.20		
						40567	46.60	47.80	1.20		
			23.70-24.10: Mafic Volcanics. UC=130°ca, LC=140°ca			40568	47.80	49.00	1.20		
			24.10-24.90: Massive Syenite with 4 Amphibolite Xenoliths. The Xenoliths range from 2cm to 15 cm.			40569	49.00	50.20	1.20		
						40570	50.20	51.40	1.20		
						40571	51.40	52.60	1.20		
			24.90-25.95: 95% Mafic Volcanics, 4% Syenite Dyke and 1% Amphibolite Xenoliths within the Syenite Dyke. UC=140°ca, LC=130°ca			40572	52.60	53.80	1.20		
						40573	53.80	55.00	1.20		
			25.95-26.20: Mafic Volcanics. UC=130°ca, LC=70°ca, Foliation=50°ca								
			26.20-26.80: Hematite altered Mafic Volcanics. The alteration covers the whole surface of the Mafic Volcanic rock. UC=70°ca, LC=65°ca								
			26.80-26.98: Syenite Dyke. UC=65°ca, LC=60°ca								
			26.98-28.75: Hematite altered Mafic Volcanics. The alteration are patches that run from the surface to the center of the core, it covers 30% of the Mafic Volcanics. UC=60°ca, LC=140°ca, Foliation=140								
			28.75-34.25: 98% Hematite altered Amphibolite, 2% Syenite Dyke. The alteration covers 50% of the Amphibolite. UC=140, LC=150°ca								
			34.25-36.70: 98% Hematite altered Mafic Volcanics and 2% Syenite Dyke. The hematite alteration covers only 20% of the mafic volcanics. UC=150°ca, LC=30°ca								
			36.70-38.40: Massive Syenite. UC=30°ca, LC=140°ca								
			38.40-39.20: Hematite altered Mafic Volcanics. The alteration covers 20% of the Mafic Volcanics. UC and LC =140°ca								
			39.20-41.45: Massive Syenite. UC=140°ca, LC=130°ca								
			41.45-42.15: 99% Hematite altered Mafic Volcanics and 1% Syenite Dyke. The alteration covers 20% of the Mafic Volcanics . UC=130°ca, LC=60°ca								
			42.15-43.05: Massive Syenite. UC=60°ca, LC=60°ca								
			43.05-46.80: 95% Hematite altered Amphibolite and 5% Syenite Dyke. The alteration covers 40% of the Amphibolite. Within the Syenite Dykes there are large Amphibolite Xenoliths ranging from 10cm-15cm that are subrounded to angular in shape. Typical of Breccia Zone.. UC=60°ca, LC=140°ca								
			46.80-47.40: Massive Syenite. UC=140°ca, LC=110°ca								

DRILL LOG

GEOLOGY				VISUAL		ASSAY RESULTS					
From	To	Code	Comment	Cp %	Py%	Sample	From	To	Length	Au gpt	Cu %
			47.40-50.50: 95% Hematite altered Amphibolite and 5% Syenite Dyke with Amphibolite Xenoliths. The alteration covers 40% of the Amphibolite. Within the Syenite Dykes there are large Amphibolite Xenoliths ranging from 10cm-15cm that are subrounded to angular in shape. UC=110°ca, LC=70°ca								
			50.50-51.25: 98% Hematite altered Mafic Volcanics and 2% Syenite Dyke. The alteration covers 20% of the Mafic Volcanics . UC=70°ca, LC=90°ca, Foliation=70°ca								
			51.25-54.30: 98% Hematite altered Amphibolite and 2% Syenite Dyke. The alteration covers 10% of the Amphibolite. UC=90°ca, LC=140°ca								
15.90	20.30	SY	Syenite porphyry Milky-grey-white and pink, Syenite porphyry. The groundmass is medium to dark, maroon-grey, fine grained, pitted, felted chlorite-brick red feldspar/feldspathoid material. Locally, finer grained (2-3mm), dark grey-green, lath-shaped, mafic (originally amphiboles?) phenocryst/porphyroblasts occur with the larger white/pink felsic phenocrysts. Small (gravel-sized) dark green mafic xenoliths are entrained within the coherent, relatively unaltered and unmineralized intrusive rock. Alteration locally obscures the porphyritic texture.			40541	16.60	17.80	1.20		
						40542	17.80	19.00	1.20		
						40543	19.00	20.20	1.20		
						40544	20.20	21.40	1.20		
9.00	15.90	MVSY	Mafic Volcanics Syenite package The hole is collared into a mafic volcanics that is intruded by syenite. The hole begins with pinkish, massive and crystalline, locally porphyritic, syenite dyke up to 11.8 m. depth. This is followed by 90% mafic volcanic intruded by 10% syenite. The syenite occurs at 15.45 and 15.70 m depth respectively. Their thickness is 3 cm and 5 cm with contact angle of 150 and 140°ca respectively.			41909	9.00	10.40	1.40		
						41910	10.40	11.80	1.40		
						40537	11.80	13.00	1.20		
						40538	13.00	14.20	1.20		
						40539	14.20	15.40	1.20		
						40540	15.40	16.60	1.20		
0.00	9.00	OVB	Overburden Core recovery was measured to begin at 29.52 ft. The driller's block indicate that they placed 12.0 m (39.4 ft) of NW casing. The core recovered from 9 m to 11.3 m were unconsolidated gravels so we consider this section as part of the overburden. NOTE: All the core is systematically tested for pervasive carbonate using dilute hydrochloric acid (HCl) and potassium ferricyanide (KFC). The acid fizzes in contact with calcite and the KFC stains the core blue in the presence of ankerite. In certain areas, the core is tested with a magnet to determine relative magnetite content.								
89.92		EOH	End of hole.								

DOWNHOLE ORIENTATION SURVEYS

Depth	Test	Az	Dip	Type	Comments
0.00	327.1°	327.1°	-60.0°	Collar	
16.76	86.7° X	326.3°	-58.2°	Multi	
19.81	339.1° X	326.3°	-58.8°	Multi	
22.86	337.5°	326.3°	-59.1°	Multi	
25.91	326.2°	315.0°	-58.9°	Multi	
28.96	18.5° X	316.4°	-58.4°	Multi	
32.00	329.1°	317.9°	-58.9°	Multi	
35.05	325.6°	314.4°	-58.7°	Multi	
38.10	326.6°	315.4°	-59.0°	Multi	
41.15	346.7° X	314.9°	-59.2°	Multi	
44.20	16.3° X	314.4°	-58.4°	Multi	
47.24	19.8° X	313.9°	-58.6°	Multi	
50.29	324.6°	313.4°	-58.8°	Multi	
53.34	16.8° X	314.3°	-58.7°	Multi	
56.39	348.4° X	315.3°	-59.3°	Multi	
59.44	336.1° X	316.3°	-59.3°	Multi	
62.48	16.8° X	317.2°	-58.8°	Multi	
65.53	17.0° X	318.2°	-58.8°	Multi	
68.58	353.3° X	319.1°	-58.9°	Multi	
71.63	331.3°	320.1°	-59.0°	Multi	
74.68	13.2° X	317.6°	-58.9°	Multi	
77.72	326.4°	315.2°	-58.7°	Multi	
80.77	328.2°	317.0°	-58.6°	Multi	
83.82	349.9° X	317.0°	-58.8°	Multi	
86.87	13.7° X	317.0°	-59.0°	Multi	
89.92	16.1° X	317.0°	-59.1°	Multi	

GEOTECHNICAL INFORMATION

From	To	Len	Core	Rec (%)	>10cm	RQD (%)	Breaks
9.0	12.2	3.2			2.1	65	5
12.2	15.2	3.0			2.1	70	15
15.2	18.3	3.1			2.6	85	15
18.3	21.3	3.1			2.5	80	19
21.3	24.4	3.1			2.8	90	13
24.4	27.4	3.1			2.2	95	17
27.4	30.5	3.1			2.9	92	16
30.5	33.5	3.1			2.8	90	12
33.5	36.6	3.0			3.0	99	16
36.6	39.6	3.1			2.7	89	16
39.6	42.7	3.1			2.5	77	12
42.7	45.7	3.1			2.3	90	8
45.7	48.8	3.1			3.0	97	7
48.8	51.8	3.1			2.5	98	8
51.8	54.9	3.1			3.0	97	9
54.9	57.9	3.1			2.8	93	11
57.9	61.0	3.1			2.8	92	3
61.0	64.0	3.0			2.6	86	15
64.0	67.1	3.1			2.4	77	16
67.1	70.1	3.1			2.8	90	13
70.1	73.2	3.1			2.7	90	7
73.2	76.2	3.1			2.5	83	14
76.2	79.3	3.1			2.9	96	10
79.3	82.3	3.1			2.8	90	11
82.3	85.4	3.1			2.4	77	11
85.4	88.4	3.0			2.2	73	15
88.4	89.9	1.5			0.8	51	8

Golden Target Project

Drill Log CR2014-20

COLLAR INFORMATION

Claim: 4273194
Projection: NAD83 17N **Azimuth:** 273.10°
Easting: 539,858.00 m **Dip:** -60.00°
Northing: 5,360,036.00 m **Length:** 93.91 m
Elevation: 366.00 m **Core Size:** NQ

Storage: CanREE explo site

Comments: Exploration Hole at 427194 claim

WORK DONE BY

Work	From	To	Worker	Start	End
Drilling	0.0	93.9	Walker Drilling	2014-Sep-19	Sep-22
Downhole Survey	0.0	93.9	Walker Drilling	2014-Sep-22	Sep-22
Core Logging	0.0	93.9	Dennis Patron	2014-Sep-27	Sep-27
Core Logging	0.0	93.9	Athraa Koma	2014-Sep-27	Sep-27

DRILL LOG

GEOLOGY				VISUAL		ASSAY RESULTS						
From	To	Code	Comment	Cp %	Py%	Sample	From	To	Length	Au gpt	Cu %	
82.40	93.90	SY	Syenite Porphyry A sharp contact of 140°ca comes the pinkish, medium to coarse grained, porphyritic, massive and crystalline, coherent, Syenite porphyry intrusive. Short intervals of volcanic (V4) are mixed in with the dike either as rafts in a large dike or as country rock that has been cut by multiple dikes. Some of the volcanic fragments display in situ crackly brecciation. Phenocrysts are white subhedral to anhedral feldspar pseudocrysts. The rock is non ankeritic weakly to non magnetic except for the associated mafic volcanics which are moderately magnetic and non calcareous. Trace pyrites that's why no samples were collected. Below are the details. 82.40-85.95: Syenite Dyke. UC=140°ca, LC=110°ca 85.95-86.10: Amphibolite. UC=110°ca, LC=125°ca, 0.5%Py 86.10-87.18: Breccia zone. UC=125°ca, LC=130°ca 87.18-88.05: Amphibolite with 4 small syenite intrusions (35,40,30,35°ca). UC=130°ca, LC=135°ca, 1% Py 88.05-88.20: Breccia Zone. UC=135°ca, LC=45°ca 88.20-92.40: Syenite Dyke. UC=45°ca, LC=60°ca 92.40-92.45: Amphibolite. UC=60°ca, LC=60°ca 92.45-93.08: Syenite Dyke with less phenocrysts. UC=60°ca, LC=60°ca 93.08-93.89: Syenite. UC=60°ca, LC=110°ca 93.89-93.92: Amphibolite. UC=110°ca, LC=110°ca 93.92-93.94: Syenite. UC=110°ca			41885	82.80	84.00	1.20			
						41886	84.00	85.20	1.20			
						41887	85.20	86.40	1.20			
						41888	86.40	87.60	1.20			
						41889	87.60	88.80	1.20			
						41890	88.80	90.00	1.20			
						41891	90.00	91.20	1.20			
						41892	91.20	92.40	1.20			
						41893	92.40	93.90	1.50			

DRILL LOG

GEOLOGY				VISUAL		ASSAY RESULTS					
From	To	Code	Comment	Cp %	Py%	Sample	From	To	Length	Au gpt	Cu %
65.40	82.40	MVFP	Feldspar Pyritic Mafic Volcanics A contact at 40°ca marks the change into a unit that is amphibolitized mafic volcanics containing 5 to 12 mm diameter of feldspar phenocrysts set in a very fine grained matrix. Based on the fabric grain size this unit is interpreted to be an amphibolitized flow containing coarse feldspar phenocrysts. The feldspar phenos occupy 10% of the interval. There are silvery and yellowish metallic flecks that can be scratched by a knife suggesting it is not pyrite or arsenopyrite but something different. The feldspar phenos comes in and out of the mafic volcanic intervals but was recorded properly below. Pervasive linear shreds of calcite epidote throughout give the core a crackly appearance. Also present is a network of thin chlorite stringers. The rock is non to weakly calcareous, non ankeritic and moderately to strongly magnetic. 0.5% to 2% pyrite occurring as disseminations and fracture fillings. Below are the details of the core log.			40819	66.00	67.20	1.20		
						40820	67.20	68.40	1.20		
						40821	68.40	69.60	1.20		
						40822	69.60	70.80	1.20		
						40823	70.80	72.00	1.20		
						40824	72.00	73.20	1.20		
						40826	73.20	74.40	1.20		
						40827	74.40	75.60	1.20		
						40828	75.60	76.80	1.20		
						40829	76.80	78.00	1.20		
						40830	78.00	79.20	1.20		
						40831	79.20	80.40	1.20		
						40832	80.40	81.60	1.20		
						41884	81.60	82.80	1.20		
			65.40-65.80: Amphibolitized Mafic Volcanics with feldspar phenocrysts. UC=40°ca, LC=55°ca								
			65.80-66.00: Breccia Zone. UC=55°ca, LC=60°ca								
			66.00-66.90: Mafic Volcanics. UC=60°ca, LC=80°ca, 1-2% Py								
			66.90-67.15: Breccia Zone. UC =80°ca, LC=110°ca								
			67.15-67.90: Brecciated Mafic Volcanics. UC=110°ca, LC=75°ca								
			67.90-68.20: Breccia Zone. UC=75°ca, LC=150°ca, Tr Py								
			68.20-68.40: Mafic Volcanics. UC=150°ca, LC=70°ca, 0.5% Py								
			68.40-68.70: Amphibolitized mafic volcanics with feldspar phenocrysts. UC=70°ca, LC =50°ca,								
			68.70-68.95: Breccia zone. UC=50°ca, LC =40°ca, 2% Py								
			68.95-69.05: Mafic Volcanics. UC=40°ca, LC=120°ca								
			69.05-69.25: Breccia Zone. UC=120°ca, LC=140°ca,								
			69.25-69.55: Syenite Dyke. UC=140°ca, LC=150°ca								
			69.55-70.25: Breccia Zone. UC=150°ca, LC =145°ca, 0.5% Py								
			70.25-70.35: Ultramafic Dyke. UC=145°ca, LC=135°ca								
			70.35-70.90: Breccia Zone. UC=135°ca, LC=30°ca								
			70.90-71.15: Amphibolitized mafic volcanics with feldspar phenocrysts. UC=30°ca, LC=155°ca								
			71.15-72.30: Breccia Zone. UC=155°ca, LC=50°ca								
			72.30-72.57: Amphibolitized mafic volcanics with feldspar phenocrysts. UC=50°ca, LC=60°ca								
			72.57-72.85: Breccia Zone. UC=60°ca, LC=50°ca								
			72.85-73.45: Amphibolitized mafic volcanics with few feldspar phenocrysts. UC=50°ca, LC =135°ca								
			73.45-73.60: Syenite Dyke. UC=135°ca, LC=130°ca								
			73.60-74.25: Brecciated mafic volcanics. UC =130°ca, LC=130°ca								
			74.25-74.30: Syenite Dyke. UC=130°ca, LC=130°ca								
			74.30-74.50: Breccia Zone. UC =130°ca, LC=100°ca								
			74.50-74.80: Syenite Dyke. UC=100°ca, LC=35°ca, tr Py								
			74.80-75.05: Amphibolitized mafic volcanics with few feldspar phenocrysts. UC=35°ca, LC=150°ca								
			75.05-76.20: Breccia Zone. UC=150°ca, LC=130°ca,2% Py								
			76.20-76.45: Mafic Volcanics. UC=130°ca, LC=130°ca								
			76.45-77.75: Brecciated Mafic Volcanics. UC=130°ca, LC=130°ca, Strong Foaliation 130°ca								
			77.75-78.90: Amphibolitized mafic volcanics with feldspar phenocrysts. UC=130°ca, LC=145°ca								
			78.90-79.00: Syenite Dyke. UC=145°ca, LC=120°ca								

DRILL LOG

GEOLOGY				VISUAL		ASSAY RESULTS					
From	To	Code	Comment	Cp %	Py%	Sample	From	To	Length	Au gpt	Cu %
			79.00-80.00: Amphibolitized mafic volcanics with feldspar phenocrysts. UC=120°ca, LC=50°ca								
			80.00-80.05: Syenite Dyke. UC=50°ca, LC=50°ca								
			80.05-80.30: Amphibolitized mafic volcanics with feldspar phenocrysts. UC=50°ca, LC=35°ca								
			80.30-81.60: Brecciated Amphibolite. UC=35°ca, LC=140°ca, 0.5% Py								
			81.60-82.25: Syenite Dyke. UC=140°ca, LC=150°ca, Tr Py								
			82.25-82.40: Amphibolitized mafic volcanics with feldspar phenocrysts. UC=150°ca, LC=140°ca								

DRILL LOG

GEOLOGY				VISUAL		ASSAY RESULTS					
From	To	Code	Comment	Cp %	Py%	Sample	From	To	Length	Au gpt	Cu %
46.60	65.40	BX	Breccia Zone			40803	46.80	48.00	1.20		
			Short intervals of hematite altered mafic volcanics and mafic fragments are mixed in with the syenite dike either as rafts in a large dike or as country rock that has been cut by multiple dikes. Some of the volcanic fragments display in situ crackly brecciation. Phenocrysts are white subhedral to anhedral feldspar pseudocrysts. Pyrite also occurs in blebs possibly replacing mafic phenocrysts. The rock is non to weakly ankeritic, moderately magnetic and non to weakly calcareous in places. Below are the details of the core log.			40804	48.00	49.20	1.20		
						40805	49.20	50.40	1.20		
						40806	50.40	51.60	1.20		
						40807	51.60	52.80	1.20		
						40808	52.80	54.00	1.20		
						40809	54.00	55.20	1.20		
						40810	55.20	56.40	1.20		
						40811	56.40	57.60	1.20		
						40812	57.60	58.80	1.20		
			46.60-47.30: Breccia Zone. UC=90°ca, LC=45°ca, Foliation=30°ca, 0.5% Py			40813	58.80	60.00	1.20		
						40814	60.00	61.20	1.20		
			47.30-47.95: Mafic Volcanics. UC=45°ca, LC=70°ca, Foliation=130°ca, 0.5% Py			40815	61.20	62.40	1.20		
						40816	62.40	63.60	1.20		
						40817	63.60	64.80	1.20		
			47.95-48.10: Breccia Zone. UC=70°ca, LC=40°ca, tr-0.5% Py			40818	64.80	66.00	1.20		
			48.10-48.35: Mafic Volcanics. UC=40°ca, LC=105°ca, Foliation=35°ca, 0.5% Py								
			48.35-49.05: Breccia Zone. UC=105°ca, LC=30°ca, Foliation=30°ca, 0.5% Py								
			49.05-49.75: Mafic Volcanics. UC=30°ca, LC=145°ca, Foliation=30°ca, 0.5% Py								
			49.75-51.22: Breccia Zone. UC=145°ca, Foliation=135°ca, 0.5% Py								
			51.22-52.40: Hematite altered Mafic Volcanics. The alteration covers 100% of the mafic volcanics surface. LC=35°ca, tr Py								
			52.40-52.60: Syenite Dyke. UC and LC =35°ca, tr Py								
			52.60-53.20: Hematite altered Mafic Volcanics. The alteration covers 100% of the mafic volcanics surface. UC=35°ca, LC=120°ca, Tr Py								
			53.20-59.60: Breccia Zone. UC=120°ca, LC=130°ca, Foliation=150°ca, 0.5% Py								
			59.60-60.80: Mafic Volcanics. UC=130°ca, LC=50°ca, Foliation=150°ca, 0.5 Py								
			60.80-61.20: Breccia Zone. UC=50°ca, LC=40°ca, 0.5% Py								
			61.20-61.70: Mafic volcanics. UC=40°ca, LC=160°ca, 0.5%Py								
			61.70-61.80: Breccia Zone. UC=160°ca, LC=130°ca								
			61.80-61.90: Brecciated mafic volcanic. UC=130°ca, LC=40°ca								
			61.90-62.05: Breccia Zone. UC=40°ca, LC=145°ca								
			62.05-62.20: Amphibolite. UC=145°ca, LC=35°ca,0.5% Py								
			62.20-62.35: Breccia zone. UC=35, LC=40								
			62.35-62.80: Mafic Volcanics. UC=40, LC=140								
			62.80-63.20: Syenite Dyke. UC=140°ca, LC=60°ca								
			63.20-63.45: Breccia Zone. UC=60°ca, LC=10°ca								
			63.45-64.25: Mafic Volcanics. UC=10°ca, LC=30°ca, 1% Py								
			64.25-64.50: Breccia Zone. UC=30°ca, LC=50°ca								
			64.50-64.70: Mafic Volcanics. UC=50°ca, LC=110°ca								
			64.70-65.10: Breccia Zone. UC=110°ca, LC=90°ca, 1% Py								
			65.10-65.25: Mafic Volcanics. UC=90°ca, LC=25°ca,0.5% Py								
			65.25-65.40: Syenite Dyke. UC=25°ca, LC=40°ca								

DRILL LOG

GEOLOGY				VISUAL		ASSAY RESULTS					
From	To	Code	Comment	Cp %	Py%	Sample	From	To	Length	Au gpt	Cu %
1.10	46.60	MVBX	Mafic Volcanics/Brecciated Mafic Volcanics This exploration hole at 427194 is collared on what we classified as mafic volcanics or basalt. This mafic volcanic rock the core is weakly aligned at 50°ca and 130°ca. It is dark blackish-greenish-pink, fine grained, and massive and brecciated oftentimes. The seems to be brecciated in situ and exhibits a weak fabric of 60°ca. Shredded, wispy, pinkish green areas are intensely pervasive throughout. However, short intervals of gabbro and syenite comes in and out of this unit as described below. Upper contact (UC) and lower contacts (LC) are sharp thats why it is recorded. Weak to moderate foliation fabric that is present in the mafic volcanics were also measured and recorded. The interstices or margins of the breccia were filled with quartz and epidote. It is good signature for gold except that pyrite mineralization is kind of weak. Sampling was taken on this hole for a possibility that other minerals including gold maybe present. The host rock itself is weakly to moderately silicified thats why it is hard. Generally the rock is non calcareous, weakly ankeritic and moderately magnetic. Below are the details of the core log.			41906	2.25	3.45	1.20		
						41907	3.45	4.65	1.20		
						41908	4.65	6.00	1.35		
						40345	6.00	7.20	1.20		
						40346	7.20	8.40	1.20		
						40347	8.40	9.60	1.20		
						40348	9.60	10.80	1.20		
						40349	10.80	12.00	1.20		
						40351	12.00	13.20	1.20		
						40352	13.20	14.40	1.20		
						40353	14.40	15.60	1.20		
						40354	15.60	16.80	1.20		
						40355	16.80	18.00	1.20		
						40356	18.00	19.20	1.20		
						40357	19.20	20.40	1.20		
						40358	20.40	21.60	1.20		
						40359	21.60	22.80	1.20		
						40360	22.80	24.00	1.20		
			1.05- 2.50: Mafic Volcanics. LC=105°ca			40361	24.00	25.20	1.20		
			2.50- 3.20: Brecciated Mafic Volcanics with 20% Quartz-Epidote Veining. UC=105°ca, LC=135°ca, Foliation=60°ca			40362	25.20	26.40	1.20		
						40363	26.40	27.60	1.20		
			3.20- 3.65: Syenite Dyke. UC=135°ca, LC=135°ca			40364	27.60	28.80	1.20		
			3.65- 7.30: Brecciated Mafic Volcanics with 30% Quartz-Epidote Veining. UC=135°ca, LC=40°ca, Foliation=50°ca			40365	28.80	30.00	1.20		
						40366	30.00	31.20	1.20		
						40367	31.20	32.40	1.20		
			7.30- 7.40: Quartz-Epidote Veining. UC and LC =40°ca			40368	32.40	33.60	1.20		
			7.40- 7.65: Mafic Volcanics with 1% Quartz-Epidote Veining. UC=40°ca, LC=50°ca, Foliation=50°ca			40369	33.60	34.80	1.20		
						40370	34.80	36.00	1.20		
						40371	36.00	37.20	1.20		
			7.65- 7.85: Brecciated Mafic Volcanics with 95% Quartz-Epidote Veining. UC and LC =50°ca, Foliation=50			40372	37.20	38.40	1.20		
						40373	38.40	39.60	1.20		
						40374	39.60	40.80	1.20		
			7.85- 9.80: Brecciated Mafic Volcanics. UC=50°ca, LC=130°ca, Foliation=50°ca			40376	40.80	42.00	1.20		
						40377	42.00	43.20	1.20		
						40378	43.20	44.40	1.20		
			9.80-10.10: 99% Syenite Dyke and 1% Mafic Volcanics Inclusion. UC=130°ca, LC=50°ca			40801	44.40	45.60	1.20		
						40802	45.60	46.80	1.20		
			10.10-11.25: Brecciated Mafic Volcanics with 25% Quartz-Epidote Veining. UC=50°ca, LC=45°ca, Foliation=50°ca								
			11.25-11.45: Syenite Dyke. UC=45°ca, LC=50°ca								
			11.45-11.90: Brecciated Mafic Volcanics with 5% Quartz-Epidote Veining. UC=50°ca, LC=45°ca, Foliation=50								
			11.90-12.25: Syenite Dyke. UC=45°ca, LC=35°ca								
			12.25-12.80: Brecciated Mafic Volcanics with 30% Quartz-Epidote veining. UC=35°ca, LC=140°ca, Foliation=40°ca								
			12.80-13.40: Mafic Volcanics with 1% less than 5mm Quartz-Epidote Veining. UC=140°ca, LC=130°ca, Foliation=40								
			13.40-13.65: Brecciated Mafic Volcanics with 70% Quartz-Epidote Veining. UC=130°ca, LC=145°ca, Foliation=130°ca								
			13.65-14.20: Brecciated Mafic Volcanics with 40% Quartz-Epidote Veining. UC=145°ca, LC=50°ca, Foliation =50°ca								
			14.20-15.60: 99% Brecciated Mafic Volcanics with 30% Quartz-Epidote Veining and 1% Syenite Dyke. UC=50°ca, LC=90°ca, Foliation=130°ca								
			15.60-15.85: Brecciated Mafic Volcanics with 90% Quartz-Epidote								

DRILL LOG

GEOLOGY				VISUAL		ASSAY RESULTS					
From	To	Code	Comment	Cp %	Py%	Sample	From	To	Length	Au gpt	Cu %
			Veining. UC=90°ca, LC=120°ca, Foliation=40°ca								
			15.85-16.50: 98% Brecciated Mafic Volcanics with 70% Quartz-Epidote Veining and 2% Syenite Dyke. UC=120°ca, LC=140°ca, Foliation=130°ca								
			16.50-19.90: 98% Brecciated Mafic Volcanics with 50% Quartz-Epidote veining and 2% Syenite Dyke. UC=140°ca, LC=150°ca, Folation=50°ca								
			19.90-20.20: Syenite Dyke. UC=150°ca, LC=140°ca								
			20.20-22.70: 98% Brecciated Mafic Volcanics with 40% Quartz-Epidote Veining and 2% Syenite Dyke. UC=140°ca, LC=130°ca, Foliation=45								
			22.70-23.00: Syenite Dyke. UC=130°ca, LC=135°ca								
			23.00-23.30: Brecciated Mafic Volcanics with 10% Quartz-Epidote Veining. UC=135°ca, LC=140°ca, Foliation=130°ca								
			23.30-24.05: Hematite altered Mafic Volcanics. UC=140°ca, LC=30°ca								
			24.05-25.05: Brecciated Mafic Volcanics with 20% Quartz-Epidote Veining and 20% Hematite alteration. UC=30°ca, LC=90°ca, Foliation=130°ca								
			25.05-25.90: Brecciated Mafic Volcanics with 10% Quartz-Epidote Veining. UC=90°ca, LC=130°ca, Foliatio=130°ca								
			25.90-26.70: Mafic Volcanics. UC=130°ca, LC=150°ca, Foliation=140°ca								
			26.70-29.05: Brecciated Mafic Volcanics with 40% Quartz-Epidote Veining. UC=150°ca, LC=130°ca, Foliation=140°ca								
			29.05-29.75: Brecciated Mafic Volcanics within Syenite Dyke. UC=130°ca, LC=60°ca, Foliation=140°ca								
			29.75-33.05: Brecciated Mafic Volcanics with 10% Quartz-Epidote Veining. UC=60°ca, LC=140°ca, Foliation=140°ca								
			33.05-33.20: Syenite Dyke. UC=140°ca, LC=145°ca								
			33.20-35.02: Brecciated Mafic Volcanics with 10% Quartz-Epidote Veining. UC=145°ca, LC=90°ca, Foliation=145°ca								
			35.02-35.30: Syenite Dyke. UC=90°ca, LC=50°ca								
			35.02-44.35: 90% Brecciated Mafic Volcanics with 10% Quartz-Epidote Veining and 10% Syenite Dykes. UC=50°ca LC=150°ca, Foliation=140°ca								
			44.35-46.60: Mafic Volcanics. UC=150°ca, LC=90°ca, Foliation=150°ca, 0.5% Py								
0.00	1.10	OVB	Overburden Core recovery was measured to begin at 3.60 ft. The driller's block indicate that they placed 1.52 m (5.0 ft) of NW casing. NOTE: All the core is systematically tested for pervasive carbonate using dilute hydrochloric acid (HCl) and potassium ferricyanide (KFC). The acid fizzes in contact with calcite and the KFC stains the core blue in the presence of ankerite. In certain areas, the core is tested with a magnet to determine relative magnetite content.			41905	1.05	2.25	1.20		
93.91		EOH	End of hole.								

DOWNHOLE ORIENTATION SURVEYS

Depth	Test	Az	Dip	Type	Comments
0.00	273.1°	273.1°	-60.0°	Collar	
5.39	285.1°	273.9°	-56.6°	Multi	
6.32	285.0°	273.8°	-56.5°	Multi	
7.25	282.7°	271.5°	-56.4°	Multi	
8.18	285.9°	274.7°	-56.4°	Multi	
9.11	284.9°	273.7°	-56.7°	Multi	
10.04	285.8°	274.6°	-56.4°	Multi	
10.97	286.2°	275.0°	-56.5°	Multi	
11.89	287.2°	276.0°	-56.4°	Multi	
12.82	286.2°	275.0°	-56.5°	Multi	
13.75	286.0°	274.8°	-56.5°	Multi	
14.68	286.7°	275.5°	-56.3°	Multi	
15.61	287.2°	276.0°	-56.4°	Multi	
16.54	287.2°	276.0°	-56.3°	Multi	
17.47	286.2°	275.0°	-56.5°	Multi	
18.40	287.1°	275.9°	-56.2°	Multi	
19.33	288.1°	276.9°	-56.1°	Multi	
20.26	286.2°	275.0°	-56.1°	Multi	
21.19	287.1°	275.9°	-56.3°	Multi	
22.12	286.3°	275.1°	-56.2°	Multi	
23.05	287.7°	276.5°	-56.1°	Multi	
23.98	287.5°	276.3°	-56.0°	Multi	
24.90	285.9°	274.7°	-56.2°	Multi	
25.83	287.4°	276.2°	-55.8°	Multi	
26.76	287.5°	276.3°	-55.9°	Multi	
27.69	288.3°	277.1°	-55.8°	Multi	
28.62	289.1°	277.9°	-56.0°	Multi	

GEOTECHNICAL INFORMATION

From	To	Len	Core	Rec (%)	>10cm	RQD (%)	Breaks
1.1	2.4	1.4			1.1	79	6
2.4	5.5	3.1			2.9	94	17
5.5	8.5	3.1			2.9	94	17
8.5	11.6	3.1			2.9	93	8
11.6	14.6	3.0			2.5	82	12
14.6	17.7	3.1			2.8	92	12
17.7	20.7	3.1			2.7	87	10
20.7	23.8	3.1			2.5	83	18
23.8	26.8	3.1			2.2	73	18
26.8	29.9	3.1			3.0	98	11
29.9	32.9	3.1			2.9	96	1
32.9	36.0	3.1			2.8	90	12
36.0	39.0	3.0			2.7	90	12
39.0	42.1	3.1			2.9	96	13
42.1	45.1	3.1			2.9	96	8
45.1	48.2	3.1			2.8	92	9
48.2	51.2	3.1			2.7	89	16
51.2	54.3	3.1			2.9	94	9
54.3	57.3	3.1			2.9	94	10
57.3	60.4	3.1			2.9	93	11
60.4	63.4	3.0			2.8	91	10
63.4	66.5	3.1			3.0	98	7
66.5	69.5	3.1			3.1	100	6
69.5	72.6	3.1			2.9	96	10
72.6	75.6	3.1			2.9	96	6
75.6	78.7	3.1			2.9	94	10
78.7	81.7	3.1			3.0	98	10
81.7	84.8	3.1			2.7	87	1
84.8	87.8	3.1			2.8	93	1
87.8	90.9	3.1			2.7	88	3
90.9	93.9	3.1			3.0	98	1

Golden Target Project

Drill Log CR2014-21

COLLAR INFORMATION

Claim: 4273175
Projection: NAD83 17N **Azimuth:** 100.60°
Easting: 539,531.00 m **Dip:** -60.00°
Northing: 5,359,670.00 m **Length:** 102.41 m
Elevation: 366.00 m **Core Size:** NQ
Storage: CanREE explo site

Comments:

WORK DONE BY

Work	From	To	Worker	Start	End
Drilling	0.0	102.4	Walker Drilling	2014-Sep-21	Sep-23
Downhole Survey	0.0	102.4	Walker Drilling	2014-Sep-23	Sep-23
Core Logging	0.0	102.4	Dennis Patron	2014-Sep-29	Sep-29
Core Logging	0.0	102.4	Athraa Koma	2014-Sep-29	Sep-29

DRILL LOG

GEOLOGY				VISUAL		ASSAY RESULTS					
From	To	Code	Comment	Cp %	Py%	Sample	From	To	Length	Au gpt	Cu %
74.30	102.40	GB	Fine to Medium Grained Gabbro	0.1		40443	75.20	76.40	1.20		
			The contact between the fine to medium grained gabbro and the porphyritic gabbro is gradational over 30 cm. Generally, this gabbro is massive, relatively homogenous, fine to medium grained with a distinctive salt and pepper type texture, composed of 40- 65% dark green grey to black, millimetric, altered ferromagnesian grains/ crystals in a fine grained yellowish buff coloured feldspathic groundmass. It is moderately to strongly magnetic-weakly to non-ankeritic. Moderately and pervasively chloritized, slightly saussuritized with weak to moderate fracture controlled black chlorite material. Yellow green epidote veinings and calcite veinings are also present. Within this section there are different veins; the following are their Location: Type. Size, Orientation	0.1		40444	76.40	77.60	1.20		
				0.1		40445	77.60	78.80	1.20		
				0.1		40446	78.80	80.00	1.20		
				0.1		40447	80.00	81.20	1.20		
				0.1		40448	81.20	82.40	1.20		
				0.1		40449	82.40	83.60	1.20		
				0.1		40451	83.60	84.80	1.20		
				0.1		40452	84.80	86.00	1.20		
				0.1		40453	86.00	87.20	1.20		
				0.1		40454	87.20	88.40	1.20		
				0.1		40455	88.40	89.60	1.20		
				0.1		40456	89.60	90.80	1.20		
				0.1		40457	90.80	92.00	1.20		
			86.70: Quartz-Calcite-Feldspar Vein. 5 cm, 130°ca	0.1		40458	92.00	93.20	1.20		
			87.60: Calcite-Chlorite Vein. 5 cm, 50°ca	0.1		40459	93.20	94.40	1.20		
			89.40: Quartz Vein. 5 cm,140°ca	0.1		40460	94.40	95.60	1.20		
			89.95: Quartz Vein. 10 cm, 45°ca	0.1		40461	95.60	96.80	1.20		
			90.90: Calcite-Chlorite Vein. 3 cm, 140°ca	0.1		40462	96.80	98.00	1.20		
			91.10: Calcite-Chlorite-Epidote Vein. 5 cm, 140°ca	0.1		40463	98.00	99.20	1.20		
			92.95: Calcite Vein. 4 cm, 45°ca	0.1		40464	99.20	100.40	1.20		
			93.15: Calcite Vein. 3 cm, 130°ca	0.1		40465	100.40	101.40	1.00		
			95.80: Chlorite Vein. 1 cm, 145°ca	0.1		40466	101.40	102.44	1.04		
			97.75: Quartz Vein. 2 cm, 50°ca	0.1							

DRILL LOG

GEOLOGY				VISUAL		ASSAY RESULTS					
From	To	Code	Comment	Cp %	Py%	Sample	From	To	Length	Au gpt	Cu %
40.40	74.30	GBFP	Porphyritic Gabbro		0.1	40413	40.40	41.60	1.20		
			The hole enters a phenocrystic texture of the gabbro. It is medium		0.1	40414	41.60	42.80	1.20		
			grained, salt and peppery looking unit that is characterized by 15- 25%,		0.1	40415	42.80	44.00	1.20		
			fine (millimetric), mafic phenocrysts and 1%, small mafic inclusions in a		0.1	40416	44.00	45.20	1.20		
			fine grained, feldspathic(?) groundmass. Within this section there are two		0.1	40417	45.20	46.40	1.20		
			calcite veins; the following are their Location: Type. Orientatio		0.1	40418	46.40	47.60	1.20		
					0.1	40419	47.60	48.80	1.20		
			40.60: 1cm, 45°ca		0.1	40420	48.80	50.00	1.20		
			40.80: 3cm, 40°ca		0.1	40421	50.00	51.20	1.20		
					0.1	40422	51.20	52.40	1.20		
			41.00-43.40: Fine grained Gabbro. This interval is quite similar to the fine		0.1	40423	52.40	53.60	1.20		
			to medium grained Gabbro described above.		0.1	40424	53.60	54.80	1.20		
					0.1	40426	54.80	56.00	1.20		
			43.40-43.60: Porphyritic Gabbro. UC and LC = 135°ca			40427	56.00	57.20	1.20		
			57.40-57.70: Calcite-Epidote Vein. Orientation= 50°ca		0.1	40428	57.20	58.40	1.20		
			56.70-56.74: Calcite-Epidote Vein. Orientation= 45°ca		0.1	40429	58.40	59.60	1.20		
					0.1	40430	59.60	60.80	1.20		
					0.1	40431	60.80	62.00	1.20		
					0.1	40432	62.00	63.20	1.20		
					0.1	40433	63.20	64.40	1.20		
					0.1	40434	64.40	65.60	1.20		
					0.1	40435	65.60	66.80	1.20		
					0.1	40436	66.80	68.00	1.20		
					0.1	40437	68.00	69.20	1.20		
					0.1	40438	69.20	70.40	1.20		
					0.1	40439	70.40	71.60	1.20		
					0.1	40440	71.60	72.80	1.20		
					0.1	40441	72.80	74.00	1.20		
						40442	74.00	75.20	1.20		

DRILL LOG

GEOLOGY				VISUAL		ASSAY RESULTS					
From	To	Code	Comment	Cp %	Py%	Sample	From	To	Length	Au gpt	Cu %
2.80	40.40	GB	Fine to Medium Grained Gabbro		0.1	40381	3.20	4.40	1.20		
			The hole is collared into what we call in the camp as Fine to medium grained gabbro. Generally, this gabbro is massive, relatively homogenous, fine to medium grained with a distinctive salt and pepper type texture, composed of 40- 65% dark green grey to black, millimetric, altered ferromagnesian grains/ crystals in a fine grained yellowish buff coloured feldspathic groundmass. It is moderately to strongly magnetic-weakly to non-ankeritic. Moderately and pervasively chloritized, slightly saussuritized with weak to moderate fracture controlled black chlorite material. Yellow green epidote veinings and calcite veinings are also present. Below are some of the pronounced intervals.		0.1	40382	4.40	5.60	1.20		
					0.1	40383	5.60	6.80	1.20		
					0.1	40384	6.80	8.00	1.20		
					0.1	40385	8.00	9.20	1.20		
					0.1	40386	9.20	10.40	1.20		
					0.1	40387	10.40	11.60	1.20		
					0.1	40388	11.60	12.80	1.20		
					0.1	40389	12.80	14.00	1.20		
					0.1	40390	14.00	15.20	1.20		
					0.1	40391	15.20	16.40	1.20		
					0.1	40392	16.40	17.60	1.20		
			Within the fine to medium grained gabbro zone there are calcite with hematite alteration veins; epidote veins and broken core. The following are their Location: Type, Size, Orientation		0.1	40393	17.60	18.80	1.20		
					0.1	40394	18.80	20.00	1.20		
					0.1	40395	20.00	21.20	1.20		
			15.00-15.40: Broken Rock and 20 cm lost core		0.1	40396	21.20	22.40	1.20		
					0.1	40397	22.40	23.60	1.20		
					0.1	40398	23.60	24.80	1.20		
			15.70: Hematite-Calcite Vein. 10 cm, 130°ca		0.1	40399	24.80	26.00	1.20		
			15.90: Hematite-Calcite Vein. 10 cm, 30°ca		0.1	40401	26.00	27.20	1.20		
			18.70: Calcite Vein. 2 cm, 140°ca		0.1	40402	27.20	28.40	1.20		
			21.40: Epidote Vein. 4 cm, 45°ca		0.1	40403	28.40	29.60	1.20		
			23.75: Hematite-Calcite Vein. 2 cm, 55°ca		0.1	40404	29.60	30.80	1.20		
			28.60: Calcite Vein. 10 cm, 50°ca		0.1	40405	30.80	32.00	1.20		
			28.98: Epidote Vein. 20 cm, 45°ca		0.1	40406	32.00	33.20	1.20		
			31.80: Calcite Vein. 5 cm, 140°ca		0.1	40407	33.20	34.40	1.20		
			34.70: Calcite Vein. 3 cm, 140°ca		0.1	40408	34.40	35.60	1.20		
					0.1	40409	35.60	36.80	1.20		
			35.10-36.00: Fine Grained Gabbro. For detailed logging sake, the fine grained gabbro is described separately. Mostly greenish gray, medium grained, massive and mafic rock of microgabbroic aspect. The rock is strongly magnetic, non to weakly ankeritic and non calcareous. There is a faint contact angle observed oriented at 130°ca. Yellowish and silvery flecks commonly present in this rock.		0.1	40410	36.80	38.00	1.20		
					0.1	40411	38.00	39.20	1.20		
					0.1	40412	39.20	40.40	1.20		
			36.0-40.40: Fine to Medium Grained Gabbro. This is also classified separately based on the grain size. It is coarser than above but finer than below. Kind of intermediate between a fine grained gabbro and prophyritic gabbro. The upper contact is 130°ca and the lower contact is 45°ca. Trace pyrite disseminations but still there are some silvery and yellowish flecks present. The rock is non ankeritic, moderately to strongly magnetic and non calcareous.								
0.00	2.80	OVB	Overburden								
			Core recovery was measured to begin at 8.96ft. The driller's block indicate that they placed 3.0 m (10.0 ft) of NW casing.								
			NOTE: All the core is systematically tested for pervasive carbonate using dilute hydrochloric acid (HCl) and potassium ferricyanide (KFC). The acid fizzes in contact with calcite and the KFC stains the core blue in the presence of ankerite. In certain areas, the core is tested with a magnet to determine relative magnetite content.								
102.41		EOH	End of hole.								

DOWNHOLE ORIENTATION SURVEYS

Depth	Test	Az	Dip	Type	Comments
0.00	100.6°	100.6°	-60.0°	Collar	
17.07	112.6°	101.4°	-58.3°	Multi	
20.12	111.4°	100.2°	-58.4°	Multi	
23.16	112.8°	101.6°	-58.4°	Multi	
26.21	111.1°	99.9°	-58.4°	Multi	
29.26	114.0°	102.8°	-58.2°	Multi	
32.31	112.9°	101.7°	-58.2°	Multi	
35.36	115.2°	104.0°	-58.3°	Multi	
38.40	114.3°	103.1°	-58.4°	Multi	
41.45	114.8°	103.6°	-58.5°	Multi	
44.50	114.8°	103.6°	-58.4°	Multi	
47.55	113.1°	101.9°	-58.4°	Multi	
50.60	113.3°	102.1°	-58.4°	Multi	
53.64	113.5°	102.3°	-58.4°	Multi	
56.69	112.3°	101.1°	-58.6°	Multi	
59.74	115.5°	104.3°	-58.5°	Multi	
62.79	114.6°	103.4°	-58.6°	Multi	
65.84	116.1°	104.9°	-58.7°	Multi	
68.88	113.5°	102.3°	-58.6°	Multi	
71.93	113.3°	102.1°	-58.7°	Multi	
74.98	113.1°	101.9°	-58.8°	Multi	
78.03	114.5°	103.3°	-58.6°	Multi	
81.08	112.9°	101.7°	-58.7°	Multi	
84.12	115.3°	104.1°	-58.9°	Multi	
87.17	113.5°	102.3°	-58.8°	Multi	
90.22	113.2°	102.0°	-58.7°	Multi	
93.27	115.6°	104.4°	-58.9°	Multi	
96.32	115.2°	104.0°	-59.0°	Multi	
99.36	114.6°	103.4°	-58.9°	Multi	

GEOTECHNICAL INFORMATION

From	To	Len	Core	Rec (%)	>10cm	RQD (%)	Breaks
2.8	4.9	2.1			1.0	0	17
4.9	7.9	3.1			2.0	1	12
7.9	11.0	3.1			2.6	1	19
11.0	14.0	3.0			2.6	1	9
14.0	17.1	3.1			2.5	1	9
17.1	20.1	3.1			2.6	1	9
20.1	23.2	3.1			3.0	1	3
23.2	26.2	3.1			2.9	1	7
26.2	29.3	3.1			2.9	1	5
29.3	32.3	3.1			3.0	1	6
32.3	35.4	3.1			2.9	1	10
35.4	38.4	3.0			2.8	1	10
38.4	41.5	3.1			2.9	1	9
41.5	44.5	3.1			2.9	1	7
44.5	47.6	3.1			3.0	1	9
47.6	50.6	3.1			2.8	1	9
50.6	53.7	3.1			2.9	1	6
53.7	56.7	3.1			2.8	1	14
56.7	59.8	3.1			3.1	1	6
59.8	62.8	3.0			2.9	1	5
62.8	65.9	3.1			3.1	1	4
65.9	68.9	3.1			2.8	1	6
68.9	72.0	3.1			2.9	1	6
72.0	75.0	3.1			2.9	1	5
75.0	78.1	3.1			2.8	1	7
78.1	81.1	3.1			2.6	1	10
81.1	84.2	3.1			2.6	1	10
84.2	87.2	3.1			2.5	1	17
87.2	90.2	3.0			2.9	1	11
90.2	93.3	3.1			2.9	1	12
93.3	96.3	3.1			2.9	1	10
96.3	99.4	3.1			2.7	1	11
99.4	102.4	3.1			2.6	1	19

Golden Target Project

Drill Log CR2014-22

COLLAR INFORMATION

Claim: 4273175
Projection: NAD83 17N **Azimuth:** 273.20°
Easting: 539,518.00 m **Dip:** -60.00°
Northing: 5,359,668.00 m **Length:** 30.48 m
Elevation: 366.00 m **Core Size:** NQ

Storage: CanREE explo site

Comments:

WORK DONE BY

Work	From	To	Worker	Start	End
Drilling	0.0	30.5	Walker Drilling	2014-Sep-23	Sep-23
Downhole Survey	0.0	30.5	Walker Drilling	2014-Sep-23	Sep-23
Core Logging	0.0	30.5	Dennis Patron	2014-Oct-01	Oct-01
Core Logging	0.0	30.5	Athraa Koma	2014-Oct-01	Oct-01

DRILL LOG

GEOLOGY				VISUAL		ASSAY RESULTS					
From	To	Code	Comment	Cp %	Py%	Sample	From	To	Length	Au gpt	Cu %
6.70	30.50	MV	Mafic Volcanics The hole is collared in a dark to medium greenish grey coloured, fine grained, weakly to moderately foliated chloritic rock. The rock is moderately ankeritic, non to weakly calcareous and moderately to strongly magnetic. comprising multiple flow horizons (some possible high-level dike/sills that exhibit less foliation) with coherent, granular to locally, coarsely, feldspar porphyritic textures. Aphyric, pale salmon-grey, syenitic dikes cut the unit (9.1m-10.1m; 24.98m- 25.30m; 29.3m- 29.95m; 30.30m- 30.50 m).The weak fabric is defined by wispy streaks and shreds, elongate phenocrysts, and segmented veinlets of dull white/grey ankerite aligned roughly at 140°ca to 145°ca. After 13.6 up to the end of the hole the grain size of the mafic volcanics becomes coarser probably due to the heat generated by the syenite intrusion. It was classified as amphibolite but actually the better term will be amphibolitized mafic volcanics. Patches of epidote and hematite alterations are common throughout. There are sections of the syenite which can be classified as breccia zone because the core shows an abundance of angular mafic inclusions especially near the bottom of the hole. Pyrite mineralization ranges from 0.5% to locally 2% and occurring as disseminations and fracture fillings. The hole was sampled from top to bottom. Below are the details of the core log.			41902	6.70	8.00	1.30		
						41903	8.00	9.20	1.20		
						41904	9.20	10.10	0.90		
						40605	10.10	11.30	1.20		
				0.8		40606	11.30	12.50	1.20		
				1.5		40607	12.50	13.70	1.20		
				1.0		40608	13.70	14.90	1.20		
				1.0		40609	14.90	16.10	1.20		
				1.5		40610	16.10	17.30	1.20		
				2.0		40611	17.30	18.50	1.20		
				1.3		40612	18.50	19.70	1.20		
				0.8		40613	19.70	20.90	1.20		
				1.0		40614	20.90	22.10	1.20		
				3.5		40615	22.10	23.30	1.20		
				1.5		40616	23.30	24.50	1.20		
				0.8		40617	24.50	25.70	1.20		
				0.8		40618	25.70	26.90	1.20		
						40619	26.90	28.10	1.20		
				0.5		40620	28.10	29.30	1.20		
				0.5		40621	29.30	30.50	1.20		
			10.10- 13.60: Mafic Volcanics. These volcanics are finer grains than the previous mafic volcanics, 2% covered by hematite alteration and 2% by Epidote patches -moderately ankeritic and strongly magnetic. UC= 60°ca, LC= 50°ca.								
			13.60-24.98: 95% Amphibolite with 20% Hematite and Epidote alterations and 5% Syenite Dykes. UC= 50°ca, LC= 50°ca, Foliation= 140°ca.								
			24.98-25.30: Syenite Dyke. UC and LC = 50°ca								
			25.30-29.30: 95% Amphibolite with 30% Hematite and Epidote alterations and 5% Syenite Dykes. UC= 50°ca, LC= 125°ca, Foliation= 145°ca								
			29.30-29.95: Syenite Dyke. UC= 125°ca, LC= 30°ca								
			29.95-30.30: 80% Amphibolite and 20% Syenite Dyke-Like. UC= 30°ca, LC= 60°ca								
			30.30-30.50: Syenite Dyke with 1% Amphibolite Inclusions. UC= 60°ca								

DRILL LOG

GEOLOGY				VISUAL		ASSAY RESULTS					
From	To	Code	Comment	Cp %	Py%	Sample	From	To	Length	Au gpt	Cu %
0.00	6.70	OVB	Overburden Core recovery was measured to begin at 22.0ft. The driller's block indicate that they placed 6.10 m (20.0 ft) of NW casing. NOTE: All the core is systematically tested for pervasive carbonate using dilute hydrochloric acid (HCl) and potassium ferricyanide (KFC). The acid fizzes in contact with calcite and the KFC stains the core blue in the presence of ankerite. In certain areas, the core is tested with a magnet to determine relative magnetite content.								
30.48		EOH	End of hole.								

DOWNHOLE ORIENTATION SURVEYS

Depth	Test	Az	Dip	Type	Comments
0.00	273.2°	273.2°	-60.0°	Collar	
15.24	285.2°	274.0°	-59.7°	Multi	
18.29	276.4°	265.2°	-59.9°	Multi	
21.34	290.5°	279.3°	-59.8°	Multi	
24.38	288.0°	276.8°	-59.9°	Multi	
27.43	291.5°	280.3°	-59.7°	Multi	

GEOTECHNICAL INFORMATION

From	To	Len	Core	Rec (%)	>10cm	RQD (%)	Breaks
6.7	9.2	2.5			0.9	0	7
9.2	12.2	3.1			1.9	1	10
12.2	15.2	3.0			2.7	1	15
15.2	18.3	3.1			2.6	1	14
18.3	21.3	3.1			2.6	1	10
21.3	24.4	3.1			2.9	1	7
24.4	27.4	3.1			2.8	1	11
27.4	30.5	3.1			2.8	1	18

Golden Target Project

Drill Log CR2014-23

COLLAR INFORMATION

Claim: 4273194
Projection: NAD83 17N **Azimuth:** 88.20°
Easting: 539,925.00 m **Dip:** -60.00°
Northing: 5,359,763.00 m **Length:** 81.69 m
Elevation: 366.00 m **Core Size:** NQ

Storage: CanREE explo site

Comments:

WORK DONE BY

Work	From	To	Worker	Start	End
Drilling	0.0	81.7	Walker Drilling	2014-Sep-26	Sep-27
Downhole Survey	0.0	81.7	Walker Drilling	2014-Sep-27	Sep-27
Core Logging	0.0	81.7	Dennis Patron	2014-Oct-03	Oct-03
Core Logging	0.0	81.7	Athraa Koma	2014-Oct-03	Oct-03

DRILL LOG

GEOLOGY				VISUAL		ASSAY RESULTS					
From	To	Code	Comment	Cp %	Py%	Sample	From	To	Length	Au gpt	Cu %
73.70	81.70	SY	Syenite A sharp contact of 150°ca comes this massive and crystalline, pinkish, medium grained, hematite altered, weakly porphyritic and coherent syenite intrusive rock. This rock is highly ankeritic, weakly magnetic and non calcareous. Trace pyrite disseminations. A short interval of folded mafic volcanics is included in this interval and described below. This is the only sample interval collected in this section. 73.70-78.66: Massive Syenite. UC= 150°ca, LC= 150°ca 78.66-79.70: Mafic Volcanics deformation zone with Chlorite alteration. UC= 150°ca, LC= 60°ca 79.90-81.70: Massive Syenite		0.5	40669	78.60	79.80	1.20		
66.10	73.70	MV	Sheared and altered Mafic Volcanics A sharp contact of 130°ca comes a messy looking core of mafic volcanics. It is dark to medium green to green-grey, chloritic, mafic volcanics with pinkish patches of hematite alteration characterize this unit. Two porphyritic dikes (68.2m-68.7m; 71.9m -72.2m) with 15% medium, white, euhedral to subhedral feldspar phenocrysts in a pink-buff-grey fine to medium grained coherent groundmass intrude the volcanic rocks. A bleached zone and zones of small-scale, subparallel foldiation and shearing were developed in this interval. Pyrite mineralization also becomes more intense here up to 5% disseminations, blebbs and fracture fillings. The rock is generally non calcareous moderately ankeritic and weakly to moderately magnetic. Below are the details of the log. 73.70-68.20: 90% Mafic Volcanics and 10% Syenite Dyke. UC= 130°ca, LC= 135°ca, Foliation= 150°ca 68.20-69.10: Hematite altered Mafic Volcanics. UC= 135°ca, LC= 145°ca 69.10-73.70: 90% Mafic Volcanics and 10% Syenite Dyke. UC= 145°ca, LC= 150°ca	5.0		40663	66.20	67.40	1.20		
				5.0		40664	67.40	68.60	1.20		
				2.0		40665	68.60	69.80	1.20		
				5.0		40666	69.80	71.00	1.20		
				5.0		40667	71.00	72.20	1.20		
						40668	72.20	73.40	1.20		
63.50	66.10	SY	Massive Syenite A sharp contact of 130°ca comes this massive and crystalline, pinkish, medium grained, hematite altered, weakly porphyritic and coherent syenite intrusive rock. This rock is highly ankeritic, weakly magnetic and non calcareous. 0.5% pyrite disseminations. Lower contact is sharp at 130°ca.								

DRILL LOG

GEOLOGY				VISUAL		ASSAY RESULTS					
From	To	Code	Comment	Cp %	Py%	Sample	From	To	Length	Au gpt	Cu %
47.60	63.50	MVFP	Feldspar Phyric Mafic Volcanics and Syenite Package This zone is actually a part of the mafic volcanics except that it contains feldspar phenos probably the bottom of the flow where cooling is slower. The upper contact between the previous zone and this zone is at 47.6 and its orientation is 130°ca. This rock is strongly amphibolitized as shown by the snake skin like texture. It is dark greenish grey/ black, fine grained matrixed mafic volcanics locally altered by reddish hematite and epidote patches and veins and contains spots of feldspar phenos (~up to 5% locally) throughout. From 55.9 to 63.5 the foliation fabric begin to be pronounce and distiguated. It is generally oriented at 40°ca. The feldspar phenos are still there but not as much above this foliated section. This feldspar phyric mafic volcanics is also intruded by cm scale syenite dykes at various directions. A fault zone and breccia zone is included in this unit and described below. This rock is weakly magnetic, weakly ankeritic and non calcareous.	1.0		40649	48.00	49.20	1.20		
				1.0		40651	49.20	50.40	1.20		
				1.0		40652	50.40	51.60	1.20		
				1.0		40653	51.60	52.80	1.20		
				2.0		40654	52.80	54.00	1.20		
				2.0		40655	54.00	55.20	1.20		
				2.0		40656	55.20	56.40	1.20		
				2.0		40657	56.40	57.60	1.20		
				2.0		40658	57.60	58.80	1.20		
				2.0		40659	58.80	60.00	1.20		
				2.0		40660	60.00	61.20	1.20		
				2.0		40661	61.20	62.40	1.20		
				2.0		40662	62.40	63.60	1.20		
			47.60-48.30: 90% feldspar Phyric Mafic Volcanics and 10% Syenite dykes. UC= 130°ca, LC= 140°ca								
			48.30-48.70: Massive Syenite. UC and LC = 140°ca								
			48.30-51.30: Feldspar Phyric Mafic Volcanics. UC= 140°ca, LC= 135°ca								
			51.30-53.60: 98% Mafic Volcanics containing 5% feldspar phenocrysts and 2% Syenite Dyke. UC= 135°ca, LC= 40°ca, Foliation= 140°ca								
			53.60-54.30: Massive Syenite. UC= 40°ca, LC= 40°ca								
			54.30-55.65: Mafic Volcanics with 10% Feldspar Phenocrysts. UC= 40°ca, LC= 50°ca, Foliation= 50°ca								
			55.65-55.85: Hematite altered Mafic Volcanics and 2% Calcite veins and Phenocrysts. UC= 50°ca, LC= 40°ca								
			55.85-57.80: 98% Mafic Volcanics and 2% Syenite Dyke. UC= 40°ca, LC= 120°ca, Foliation= 40°ca								
			57.80-58.30: Fault Zone/breccia zone-Syenite breccia filled with Chlorite veins. UC= 120°ca, LC= 60°ca								
			58.30-59.90: Mafic Volcanics. UC= 60°ca, LC= 130°ca, Foliation= 40°ca								
			59.90-60.25: Breccia Zone. UC and LC = 130°ca								
39.60	47.60	MVSY	Mafic Volcanics and Syenite Package This package is 98% mafic volcanics same description as above intruded by 2% Syenite dykes. The rock is weakly magnetic, non to weakly calcareous and non to weakly ankeritic. Pyrite occurring as fine disseminations amounting to 1%. There is a weak foliation fabric oriented at 140°ca.	1.0		40642	39.60	40.80	1.20		
				1.0		40643	40.80	42.00	1.20		
				1.0		40644	42.00	43.20	1.20		
				1.0		40645	43.20	44.40	1.20		
				2.0		40646	44.40	45.60	1.20		
				0.5		40647	45.60	46.80	1.20		
				1.0		40648	46.80	48.00	1.20		
35.10	39.60	SY	Massive Syenite A sharp contact of 145°ca comes this massive and crystalline, pinkish, medium grained, hematite altered, weakly porphyritic and coherent syenite intrusive rock. This rock is highly ankeritic, weakly magnetic and non calcareous. 0.5% pyrite disseminations. Lower contact is sharp at 80°ca. Calcite vein at 35.2 m oriented at 120°ca.								

DRILL LOG

GEOLOGY				VISUAL		ASSAY RESULTS					
From	To	Code	Comment	Cp %	Py%	Sample	From	To	Length	Au gpt	Cu %
33.10	35.10	MV	Mafic Volcanics It is dark greenish grey/ black, fine grained matrixed mafic volcanics locally altered by reddish hematite and epidote patches and veins. This interval is highly mineralized by pyrite disseminations up to 5% locally. The rock is weakly to moderately magnetic, weakly to non-ankeritic. Sharp contact between the massive syenite and mafic volcanics UC= 80°ca, LC= 35°ca.		1.0	40640	33.60	34.80	1.20		
						40641	34.80	36.00	1.20		
32.00	33.10	SY	Massive Syenite A sharp contact of 145°ca comes this massive and crystalline, pinkish, medium grained, hematite altered, weakly porphyritic and coherent syenite intrusive rock. This rock is highly ankeritic, weakly magnetic and non calcareous. 0.5% pyrite disseminations. Lower contact is sharp at 80°ca.		2.0	40639	32.40	33.60	1.20		
13.20	31.95	MVSY	Mafic Volcanics and Syenite Package The hole enters into package that is dominated by mafic volcanics. The ratio is about 90% mafic volcanics and 10% syenite. The former is quite similar to the associated mafic volcanic uphole. It is dark greenish grey/ black, fine grained matrixed mafic volcanics locally altered by reddish hematite and epidote patches and veins. The latter is the typical syenite intrusion that comes in and out. The package is weakly to moderately magnetic, moderately ankeritic and weakly to non calcareous. Local shear zone or deformation zone were observed and recored below. Pyrite occurs as blebs, disseminations and fracture fillings. The modal percentage of pyrite is recorded at a separate column in the sample/assay table. 13.20-14.85: Mafic Volcanics covered by 40% Epidote patches. UC= 140°ca, LC= 45°ca, Foliation= 140°ca 14.85-15.65: Massive Syenite. UC= 45°ca, LC= 140°ca 15.65-24.00: Deformation Zone-98% Mafic Volcanics that are covered by 20% epidote veins and patches and 2% Syenite dykelike. UC= 140 and LC= 140°ca, Foliation= 140°ca 24.00-24.70: Massive Syenite. UC= 140°ca, LC= 40°ca 24.70-20.10: 98% Mafic Volcanics and 2% Syenite Dykes. UC= 40°ca, LC= 30°ca, Foliation= 160°ca 20.10-20.40: Massive Syenite. UC= 30°ca, LC= 145°ca 20.40-32.00: 98% Mafic Volcanics and 2% Syenite Dyke. UC= 145°ca, LC= 145°ca, Foliation= 140°ca			40622	13.20	14.40	1.20		
				0.5		40623	14.40	15.60	1.20		
				1.5		40624	15.60	16.80	1.20		
				1.3		40626	16.80	18.00	1.20		
				1.3		40627	18.00	19.20	1.20		
				1.5		40628	19.20	20.40	1.20		
				0.8		40629	20.40	21.60	1.20		
				0.5		40630	21.60	22.80	1.20		
				1.0		40631	22.80	24.00	1.20		
				2.0		40632	24.00	25.20	1.20		
				1.0		40633	25.20	26.40	1.20		
				2.0		40634	26.40	27.60	1.20		
				0.5		40635	27.60	28.80	1.20		
				2.0		40636	28.80	30.00	1.20		
				1.3		40637	30.00	31.20	1.20		
				5.0		40638	31.20	32.40	1.20		

DRILL LOG

GEOLOGY				VISUAL		ASSAY RESULTS					
From	To	Code	Comment	Cp %	Py%	Sample	From	To	Length	Au gpt	Cu %
8.10	13.20	MV	<p>Altered Mafic Volcanics</p> <p>The hole is collared into a medium to dark maroon-grey, coherent, fine grained likely mafic flow. Fabric is weakly developed through this unit, almost massive. Patches of buff-pink, weakly corroded, less magnetic zones of ankerite and possibly albite alteration occur through the unit and grade into less altered zones. It seems that the rock has undergone strong potassium metasomatism as it bleached the rock maroonish in color. Feldspar or quartz overprints were common as it occupies 20% of the unit. It occurs like quartz grains. Trace to 0.5% pyrites. The rock is moderately to strongly ankeritic, non calcareous and weakly magnetic.</p> <p>8.10-10.10: Massive altered mafic volcanics. LC= 45°ca : Trace Py 10.10-10.90: Mafic Volcanics. UC= 45°ca, LC= 120°ca, Foliation= 40°ca, 0.5% Py</p> <p>10.90-11.55: Massic Syenite. UC= 120°ca, LC= 120°ca : 0.5% Py 11.55-12.50: Mafic Volcanics covered by 1% Hematite alteration. UC= 120°ca, LC= 140°ca, Foliation= 40°ca, 1% Py</p> <p>12.50-13.20: Massive Syenite. UC= 140°ca, LC= 140°ca, 0.5% Py</p>								
0.00	8.10	OVB	<p>Overburden</p> <p>Core recovery was measured to begin at 26.57 ft. The driller's block indicate that they placed 6.10 m (20.0 ft) of NW casing.</p> <p>NOTE: All the core is systematically tested for pervasive carbonate using dilute hydrochloric acid (HCl) and potassium ferricyanide (KFC). The acid fizzes in contact with calcite and the KFC stains the core blue in the presence of ankerite. In certain areas, the core is tested with a magnet to determine relative magnetite content.</p>								
81.69		EOH	End of hole.								

DOWNHOLE ORIENTATION SURVEYS

Depth	Test	Az	Dip	Type	Comments
0.00	88.2°	88.2°	-60.0°	Collar	
17.68	100.2°	89.0°	-57.9°	Multi	
20.73	100.6°	89.4°	-58.2°	Multi	
23.77	100.4°	89.2°	-57.5°	Multi	
26.82	102.0°	90.8°	-58.1°	Multi	
29.87	100.9°	89.7°	-58.1°	Multi	
32.92	100.1°	88.9°	-58.2°	Multi	
35.97	100.1°	88.9°	-58.1°	Multi	
39.01	112.6°	101.4°	-58.7°	Multi	
42.06	101.7°	90.5°	-58.2°	Multi	
45.11	101.1°	89.9°	-58.1°	Multi	
48.16	101.8°	90.6°	-58.3°	Multi	
51.21	101.5°	90.3°	-58.2°	Multi	
54.25	101.7°	90.5°	-58.1°	Multi	
57.30	101.9°	90.7°	-58.1°	Multi	
60.35	101.8°	90.6°	-58.1°	Multi	
63.40	102.0°	90.8°	-58.2°	Multi	
66.45	102.2°	91.0°	-58.2°	Multi	
69.49	102.6°	91.4°	-58.1°	Multi	
72.54	102.7°	91.5°	-58.1°	Multi	
75.59	102.0°	90.8°	-58.2°	Multi	
78.64	102.6°	91.4°	-58.3°	Multi	

GEOTECHNICAL INFORMATION

From	To	Len	Core	Rec (%)	>10cm	RQD (%)	Breaks
8.1	8.5	0.5			0.2	0	1
8.5	11.6	3.1			2.4	1	10
11.6	14.6	3.0			2.8	1	11
14.6	17.7	3.1			2.8	1	13
17.7	20.7	3.1			2.7	1	8
20.7	23.8	3.1			2.6	1	16
23.8	26.8	3.0			2.9	1	7
26.8	29.9	3.1			2.8	1	16
29.9	32.9	3.1			3.0	1	6
32.9	36.0	3.1			2.9	1	15
36.0	39.0	3.0			3.0	1	7
39.0	42.1	3.1			2.7	1	16
42.1	45.1	3.1			2.9	1	11
45.1	48.2	3.1			2.8	1	12
48.2	51.2	3.0			2.6	1	12
51.2	54.3	3.1			2.6	1	12
54.3	57.3	3.1			2.9	1	11
57.3	60.4	3.1			2.6	1	15
60.4	63.4	3.0			2.9	1	1
63.4	66.5	3.1			2.7	1	13
66.5	69.5	3.1			2.8	1	8
69.5	72.6	3.1			2.8	1	9
72.6	75.6	3.1			3.0	1	4
75.6	78.7	3.1			3.0	1	6
78.7	81.7	3.1			3.0	1	5

Golden Target Project

Drill Log CR2014-24

COLLAR INFORMATION

Claim: 4276170
Projection: NAD83 17N **Azimuth:** 85.50°
Easting: 539,584.00 m **Dip:** -60.00°
Northing: 5,360,183.00 m **Length:** 100.28 m
Elevation: 366.00 m **Core Size:** NQ

Storage: CanREE explo site

Comments:

WORK DONE BY

Work	From	To	Worker	Start	End
Drilling	0.0	100.3	Walker Drilling	2014-Sep-25	Sep-27
Downhole Survey	0.0	100.3	Walker Drilling	2014-Sep-27	Sep-27
Core Logging	0.0	100.3	Dennis Patron	2014-Oct-04	Oct-04
Core Logging	0.0	100.3	Athraa Koma	2014-Oct-04	Oct-04

DRILL LOG

GEOLOGY				VISUAL		ASSAY RESULTS					
From	To	Code	Comment	Cp %	Py%	Sample	From	To	Length	Au gpt	Cu %
82.05	100.30	MV	Altered Mafic Volcanics	1.5		40735	82.40	83.60	1.20		
			A change in texture marks the beginning of another lithologic unit termed as the Mafic Volcanics. This is the same mafic volcanics being described in previous holes. The upper contact is sharp contact oriented at 160°ca. The rock is moderately ankeritic, non to weakly calcareous and moderately to strongly magnetic. comprising multiple flow horizons (some possible high-level dike/sills that exhibit less foliation) with coherent, granular to locally, coarsely, feldspar porphyritic textures. Aphyric, pale salmon-grey, syenitic dikes cut the unit at several sections (please see details below).The weak fabric is defined by wispy streaks and shreds, elongate phenocrysts, and segmented veinlets of dull white/ grey ankerite aligned roughly at 40°ca following the weak to moderate foliation fabric. Patches of epidote and hematite alterations are common throughout. There are sections of the syenite which can be classified as breccia zone because the core shows an abundance of angular mafic inclusions especially near the bottom of the hole. Pyrite mineralization increase in intensity at this unit ranging from 0.5% to locally 10% and occurring as disseminations and fracture fillings.	3.5		40736	83.60	84.80	1.20		
				6.0		40737	84.80	86.00	1.20		
				6.0		40738	86.00	87.20	1.20		
				1.5		40739	87.20	88.40	1.20		
				1.3		40740	88.40	89.60	1.20		
				1.5		40741	89.60	90.80	1.20		
				5.5		40742	90.80	92.00	1.20		
				7.5		40743	92.00	93.20	1.20		
				10.0		40744	93.20	94.40	1.20		
				5.0		40745	94.40	95.60	1.20		
				5.0		40746	95.60	96.80	1.20		
				3.0		40747	96.80	98.00	1.20		
						40748	98.00	99.20	1.20		
				2.0		40749	99.20	100.30	1.10		
			Below are the details of the log:								
			82.05-82.75: Mafic Volcanics. UC= 160°ca, LC= 145°ca								
			82.75-82.80: Calcite-Hematite Vein. UC and LC = 145°ca								
			82.80-82.90: Mafic Volcanics. UC and LC = 145°ca								
			82.90-82.94: Calcite-Hematite Vein. UC and LC = 145°ca								
			82.94-83.10: Mafic Volcanics. UC= 145°ca, LC= 140°ca								
			83.10-83.25: Calcite-Hematite Vein. UC and LC = 140°ca								
			83.25-83.65: Syenite Dyke. UC= 140°ca, LC= 60°ca								
			83.65-84.85: 98% Mafic Volcanics and 2% Syenite dyke. UC= 60°ca, LC= 145°ca, Foliation= 40°ca								
			84.85-85.10: Syenite Dyke. UC= 145°ca, LC= 50°ca								
			85.10-86.80: Mafic Volcanics with 10% Hematite alteration. UC= 50°ca, LC= 150°ca, Foliation= 40°ca								
			86.80-87.00: Deformed Syenite Dyke-like with Epidote patches. UC and LC = 150°ca								
			87.00-87.80: Mafic Volcanics. UC= 150°ca, LC= 40°ca, Foliation= 40°ca- Highly mineralized								
			87.80-88.45: Syenite Dyke with Hematite alteration. UC= 40°ca, LC= 145°ca								

DRILL LOG

GEOLOGY				VISUAL		ASSAY RESULTS					
From	To	Code	Comment	Cp %	Py%	Sample	From	To	Length	Au gpt	Cu %
			88.45-92.30: 98% Mafic Volcanics and 2% Syenite Dyke. UC= 145°ca, LC= 40°ca, Foliation= 40°ca								
			92.30-92.70: Syenite Dyke. UC= 40°ca, LC= 50°ca								
			92.70-97.65: 98% Mafic Volcanics with 5% Hematite alteration and 2% Syenite Dyke. UC= 50°ca, LC= 35°ca, Foliation= 40°ca								
			97.65-97.90: Syenite Dyke. UC= 35°ca, LC= 30°ca								
			97.90-100.30: 80% Mafic Volcanics and 20% Syenite Dyke								
68.20	82.05	GB	Fine to Medium Grained Gabbro	0.1		40723	69.20	70.40	1.20		
			The hole reverts back to the same kind of gabbro in the beginning of the hole. The gradual grain size change from porphyritic to fine-medium grained gabbro is noted. This interval have same description as uphole. This interval is moderately to strongly magnetic, weakly to non ankeritic and contains thin less than 5mm chlorite veining oriented at various direction to the CA. It also contains about 2% feldspar phenocrysts that range from 1cm to 4cm in size. There is whitish green vein observed to be included in this interval and described below.	0.1		40724	70.40	71.60	1.20		
				0.1		40726	71.60	72.80	1.20		
				0.1		40727	72.80	74.00	1.20		
				0.1		40728	74.00	75.20	1.20		
				0.1		40729	75.20	76.40	1.20		
				0.1		40730	76.40	77.60	1.20		
				0.1		40731	77.60	78.80	1.20		
				0.1		40732	78.80	80.00	1.20		
				0.1		40733	80.00	81.20	1.20		
			79.10-79.30: Chlorite-Calcite-Epidote-Hematite vein. UC= 50°ca, LC= 130°ca.	0.3		40734	81.20	82.40	1.20		
			80.1- 82.1 : Fine Grained Gabbro/Mafic Intrusive.								
			Towards the lower contact comes this fine grained gabbro. The salt and pepper texture is not present here so probably it is a mafic intrusive or a chilled margin as it approaches the syenite mafic volcanic package.								

DRILL LOG

GEOLOGY				VISUAL		ASSAY RESULTS					
From	To	Code	Comment	Cp %	Py%	Sample	From	To	Length	Au gpt	Cu %
15.50	68.20	GBFP	Porphyritic Gabbro A subtle contact marked by the grain size getting a bit coarser comes to a rock named Phophyritic Gabbro. The hole enters a phenocrystic texture of the gabbro. It is medium grained, salt and peppery looking unit that is characterized by 15- 25%, fine (millimetric), mafic phenocrysts and 1%, small mafic inclusions in a fine grained, feldspathic(?) groundmass. The rock is strongly magnetic, weakly to non-ankeritic, and non calcareous. It also contains about 2% feldspar phenocrysts sparsely distributed. Thin chlorite veins running 140°ca (<5mm) is common. There is a large epidote vein at 41.40m that is 15cm wide and oriented at 150°ca. A minor fault is noted at 66.2 to 66.7 m depth showing broken core with associated gouge.	0.1		40678	16.40	17.60	1.20		
				0.1		40679	17.60	18.80	1.20		
				0.1		40680	18.80	20.00	1.20		
				0.1		40681	20.00	21.20	1.20		
				0.1		40682	21.20	22.40	1.20		
				0.1		40683	22.40	23.60	1.20		
				0.1		40684	23.60	24.80	1.20		
				0.1		40685	24.80	26.00	1.20		
				0.1		40686	26.00	27.20	1.20		
				0.1		40687	27.20	28.40	1.20		
				0.1		40688	28.40	29.60	1.20		
				0.1		40689	29.60	30.80	1.20		
						40690	30.80	32.00	1.20		
				0.1		40691	32.00	33.20	1.20		
				0.1		40692	33.20	34.40	1.20		
				0.1		40693	34.40	35.60	1.20		
				0.1		40694	35.60	36.80	1.20		
				0.1		40695	36.80	38.00	1.20		
				0.1		40696	38.00	39.20	1.20		
				0.1		40697	39.20	40.40	1.20		
				0.1		40698	40.40	41.60	1.20		
				0.1		40699	41.60	42.80	1.20		
				0.1		40701	42.80	44.00	1.20		
				0.1		40702	44.00	45.20	1.20		
				0.1		40703	45.20	46.40	1.20		
				0.1		40704	46.40	47.60	1.20		
				0.1		40705	47.60	48.80	1.20		
				0.1		40706	48.80	50.00	1.20		
				0.1		40707	50.00	51.20	1.20		
				0.1		40708	51.20	52.40	1.20		
				0.1		40709	52.40	53.60	1.20		
				0.1		40710	53.60	54.80	1.20		
				0.1		40711	54.80	56.00	1.20		
				0.1		40712	56.00	57.20	1.20		
				0.1		40713	57.20	58.40	1.20		
				0.1		40714	58.40	59.60	1.20		
				0.1		40715	59.60	60.80	1.20		
						40716	60.80	62.00	1.20		
				0.1		40717	62.00	63.20	1.20		
				0.1		40718	63.20	64.40	1.20		
				0.1		40719	64.40	65.60	1.20		
				0.1		40720	65.60	66.80	1.20		
				0.1		40721	66.80	68.00	1.20		
				0.1		40722	68.00	69.20	1.20		
2.50	15.50	GB	Fine to Medium Grained Gabbro The hole is collared into what we call in the camp as Fine to medium grained gabbro. Generally, this gabbro is massive, relatively homogenous, fine to medium grained with a distinctive salt and pepper type texture, composed of 40- 65% dark green grey to black, millimetric, altered ferromagnesian grains/ crystals in a fine grained yellowish buff coloured feldspathic groundmass. It is moderately to strongly magnetic-weakly to non-ankeritic. Moderately and pervasively chloritized, slightly saussuritized with weak to moderate fracture controlled black chlorite material. Yellow green epidote veinings and calcite veinings are also present. Below are some of the pronounced intervals. This interval contains about 2% feldspar phenocrysts that range from 1cm to 4cm in size. There are broken core intervals within this section. They are located at 6.02m- 8.0m ; 8.10m- 8.50 m and 9.2m- 9.9 m.	0.1		40670	8.00	9.20	1.20		
						40671	9.20	10.40	1.20		
				0.1		40672	10.40	11.60	1.20		
				0.1		40673	11.60	12.80	1.20		
				0.1		40674	12.80	14.00	1.20		
				0.1		40676	14.00	15.20	1.20		
				0.1		40677	15.20	16.40	1.20		

DRILL LOG

GEOLOGY				VISUAL		ASSAY RESULTS					
From	To	Code	Comment	Cp %	Py%	Sample	From	To	Length	Au gpt	Cu %
0.00	2.50	OVB	Overburden Core recovery was measured to begin at 8.20 ft. The driller's block indicate that they placed 3.0 m (10.0 ft) of NW casing. NOTE: All the core is systematically tested for pervasive carbonate using dilute hydrochloric acid (HCl) and potassium ferricyanide (KFC). The acid fizzes in contact with calcite and the KFC stains the core blue in the presence of ankerite. In certain areas, the core is tested with a magnet to determine relative magnetite content.								
100.28		EOH	End of hole.								

DOWNHOLE ORIENTATION SURVEYS

Depth	Test	Az	Dip	Type	Comments
0.00	85.5°	85.5°	-60.0°	Collar	
14.94	96.8°	85.6°	-59.5°	Multi	
17.98	95.9°	84.7°	-59.4°	Multi	
21.03	97.8°	86.6°	-59.7°	Multi	
24.08	97.5°	86.3°	-59.6°	Multi	
27.13	97.2°	86.0°	-59.8°	Multi	
30.18	95.5°	84.3°	-59.7°	Multi	
33.22	96.8°	85.6°	-59.8°	Multi	
36.27	96.7°	85.5°	-59.7°	Multi	
39.32	94.9°	83.7°	-59.7°	Multi	
42.37	95.6°	84.4°	-59.9°	Multi	
45.42	99.2°	88.0°	-60.0°	Multi	
48.46	95.8°	84.6°	-59.9°	Multi	
51.51	95.7°	84.5°	-60.0°	Multi	
54.56	95.8°	84.6°	-60.0°	Multi	
57.61	96.1°	84.9°	-59.8°	Multi	
60.66	97.6°	86.4°	-60.0°	Multi	
63.70	96.1°	84.9°	-60.0°	Multi	
66.75	97.4°	86.2°	-60.1°	Multi	
69.80	97.0°	85.8°	-60.0°	Multi	
72.85	98.9°	87.7°	-60.1°	Multi	
75.90	98.2°	87.0°	-60.2°	Multi	
78.94	97.9°	86.7°	-60.1°	Multi	
81.99	98.4°	87.2°	-60.1°	Multi	
85.04	99.0°	87.8°	-60.3°	Multi	
88.09	98.1°	86.9°	-60.1°	Multi	
91.14	99.8°	88.6°	-60.3°	Multi	
94.18	120.4° X	88.6°	-60.0°	Multi	
97.23	104.1° X	88.6°	-60.3°	Multi	

GEOTECHNICAL INFORMATION

From	To	Len	Core	Rec (%)	>10cm	RQD (%)	Breaks
2.1	2.7	0.7			0.3	0	1
2.7	5.8	3.1			2.7	1	13
5.8	8.8	3.1			1.4	0	3
8.8	11.9	3.1			2.6	1	9
11.9	14.9	3.1			2.8	1	19
14.9	18.0	3.1			3.0	1	13
18.0	21.0	3.1			2.8	1	4
21.0	24.1	3.1			3.0	1	10
24.1	27.1	3.0			2.9	1	6
27.1	30.2	3.1			3.1	1	8
30.2	33.2	3.1			2.7	1	4
33.2	36.3	3.1			2.9	1	4
36.3	39.3	3.1			3.1	1	3
39.3	42.4	3.1			3.0	1	5
42.4	45.4	3.1			3.0	1	7
45.4	48.5	3.1			2.9	1	8
48.5	51.5	3.1			2.8	1	12
51.5	54.6	3.0			2.8	1	9
54.6	57.6	3.1			3.0	1	7
57.6	60.7	3.1			3.0	1	5
60.7	63.7	3.1			3.0	1	7
63.7	66.8	3.1			3.0	1	6
66.8	69.8	3.1			3.0	1	2
69.8	72.9	3.1			2.7	1	3
72.9	75.9	3.0			2.7	1	7
75.9	79.0	3.1			2.4	1	17
79.0	82.0	3.1			2.4	1	12
82.0	85.1	3.1			2.9	1	12
85.1	88.1	3.1			3.0	1	9
88.1	91.2	3.1			2.9	1	12
91.2	94.2	3.1			2.9	1	12
94.2	97.3	3.1			2.9	1	7
97.3	100.3	3.0			3.0	1	9

Golden Target Project

Drill Log CR2014-25

COLLAR INFORMATION

Claim: 4273194
Projection: NAD83 17N **Azimuth:** 269.30°
Easting: 539,924.00 m **Dip:** -60.00°
Northing: 5,359,763.00 m **Length:** 100.28 m
Elevation: 366.00 m **Core Size:** NQ

Storage: CanREE explo site

Comments:

WORK DONE BY

Work	From	To	Worker	Start	End
Drilling	0.0	100.3	Walker Drilling	2014-Sep-27	Sep-28
Downhole Survey	0.0	100.3	Walker Drilling	2014-Sep-28	Sep-28
Core Logging	0.0	100.3	Dennis Patron	2014-Oct-06	Oct-06
Core Logging	0.0	100.3	Athraa Koma	2014-Oct-06	Oct-06

DRILL LOG

GEOLOGY				VISUAL		ASSAY RESULTS					
From	To	Code	Comment	Cp %	Py%	Sample	From	To	Length	Au gpt	Cu %
92.50	100.00	SY	Massive Syenite This syenite section is quite similar as the massive syenite described uphole. However there is a calcareous section at 90.9- 95.5 that contains abundant vugs and pits. The vugs and pits were probably leached out calcite when it overprints the rock. This is still a pinkish, medium grained, massive and crystalline syenite rock. No samples were collected on this rock. There is however a short breccia zone section at 97 m to 99m where the core show 2% angular mafic inclusions within the syenite.			41894	92.60	94.10	1.50		
						41895	94.10	95.60	1.50		
						41896	95.60	97.10	1.50		
						41897	97.10	98.60	1.50		
						41898	98.60	100.00	1.40		
90.10	92.50	MVBX	Brecciated Mafic Volcanics This interval appears to be brecciated in situ probably caused by the regional structure that affect the area. This interval have have a similar composition as above as well as texture. Bowerver this interval show jigsaw puzzle texture due to brecciation. The rims of the fragments have epidote, chloite and quartz carbonate infills. There are also epidote patches in this interval ~2%. The rock is moderately magnetic, non to weakly ankeritic and non calcareous.	1.0		40871	90.20	91.40	1.20		
				0.8		40872	91.40	92.60	1.20		
89.20	90.10	MV	Mafic Volcanics This interval is finer grain than above. Compositionally it is the same as above but texturally distinct. This interval also show a stronger fabric fabric and stronger pyrite mineralization. The rock is moderately magnetic, weakly calcareous and weakly ankeritic. Thin epidote +quartz+chlorite stringers again anastomosing the unit at various directions. At 89.9 m is a 5 cm quartz carbonate vein that trends 15°ca. Pyrite mineralization observed on the edges of the QCV but not on the QCV itself.								
80.10	89.20	MVFP	Feldspar Phyric Mafic Volcanics and Syenite Package The hole reverts back to the Feldpar phyric Mafic volcanic uphole. The interval show snake skin texture and appears to be strongly amphibolitized. It also contains 1% feldpar phenos whose size range from 1 cm to 4 cm and sporadically distributed. The rock is weakly to non-magnetic and weakly to non-ankeritic. There is a weak fabric that trends 45°ca shown by the alignment of thin chlorite stringers. It was noted that pyrite mineralization tends to be associated with the chlorite stringers and samples collected have an estimate pyrite in the left table in the sample assay table to the left. The syenite is in a form of dykes and dykelets and is about 5% of the total interval.	0.5		40863	80.60	81.80	1.20		
				1.5		40864	81.80	83.00	1.20		
				1.5		40865	83.00	84.20	1.20		
				1.0		40866	84.20	85.40	1.20		
				2.0		40867	85.40	86.60	1.20		
						40868	86.60	87.80	1.20		
				1.0		40869	87.80	89.00	1.20		
				1.0		40870	89.00	90.20	1.20		

DRILL LOG

GEOLOGY				VISUAL		ASSAY RESULTS					
From	To	Code	Comment	Cp %	Py%	Sample	From	To	Length	Au gpt	Cu %
76.10	80.10	SY	Massive Syenite		0.1	40860	77.00	78.20	1.20		
			A sharp contact of 140°ca comes this massive and crystalline, pinkish, medium grained, hematite altered, weakly porphyritic and coherent syenite intrusive rock. There is a Sheared zone oriented at 150°ca exhibiting highly fractured and broken core from 78.0- 78.2. Shear zone ends at 78.6m depth. There is also a Calcite vein at 35.2 m oriented at 120°ca. non-ankeritic, non-magnetic-high calcite pits and vugs, contains a small zone of shearing that has mafic volcanics and hematite alterations, no sulphide mineralization Lower contact is sharp at 80°ca		0.1	40861	78.20	79.40	1.20		
					0.5	40862	79.40	80.60	1.20		
			78.00-78.20: Fractured and broken core								
			78.20-78.60: Shear Zone. Shear Angle= 150°ca								
48.20	76.10	MVFP	Feldspar Phyric Mafic Volcanics and Syenite Package		0.5	40785	48.20	49.40	1.20		
			A change in texture and the appearance of coarse (1cm- 4 cm) feldspar phenocryst marks the beginning of this Feldspar Phyric Mafic Volcanic and Syenite package. The former exhibits snake skin texture suggesting that it was strongly amphibolitized. The Feldspar phenos occur sporadically approximately 1%. The matrix is dark grey and fine grained and appears dominated by amphiboles. SGS thin section called it amphibolite but we just consider it an amphibolitized mafic volcanics. The rock is weakly to non-magnetic and weakly to non-ankeritic and non calcareous. Pyrite mineralization is stronger in this rock amounting to 5%. The Syenite comes in and out of this unit but oftentimes observed as a breccia zone. This Breccia zone contains angular mafic fragment occurring as inclusions. The details of the log is below.		0.5	40786	49.40	50.60	1.20		
					1.0	40787	50.60	51.80	1.20		
					1.0	40788	51.80	53.00	1.20		
					0.8	40789	53.00	54.20	1.20		
					2.0	40790	54.20	55.40	1.20		
					1.0	40791	55.40	56.60	1.20		
					1.0	40792	56.60	57.80	1.20		
					1.0	40793	57.80	59.00	1.20		
					1.0	40794	59.00	60.20	1.20		
					2.0	40795	60.20	61.40	1.20		
					2.0	40796	61.40	62.60	1.20		
					1.0	40797	62.60	63.80	1.20		
						40798	63.80	65.00	1.20		
			48.20-57.70: 98% Feldspar Phyric Mafic Volcanics covered with 2% Hematite alteration and 2% Syenite Dyke. UC= gradual; LC= 50°ca		1.5	40799	65.00	66.20	1.20		
					1.0	40851	66.20	67.40	1.20		
					1.0	40852	67.40	68.60	1.20		
			57.70-58.30: Massive Syenite. UC= 50°ca, LC= 50°ca		1.0	40853	68.60	69.80	1.20		
			58.30-59.15: Breccia Zone. UC= 50°ca, LC= 150°ca		1.0	40853	68.60	69.80	1.20		
			59.15-60.20: Feldspar Phyric Mafic Volcanics. UC= 150°ca, LC= 30°ca		3.0	40854	69.80	71.00	1.20		
			60.20-60.80: Massive Syenite. UC= 30°ca, LC= 30°ca		2.0	40855	71.00	72.20	1.20		
			60.80-64.80: 98% Feldspar Phyric Mafic Volcanics and 2% Syenite Dyke. UC= 30°ca, LC= 140°ca		2.0	40856	72.20	73.40	1.20		
					1.0	40857	73.40	74.60	1.20		
					1.0	40858	74.60	75.80	1.20		
					0.1	40859	75.80	77.00	1.20		
			64.80-66.65: Breccia Zone containing one large Calcite phenocryst (5cm). UC= 140°ca, LC= 125°ca								
			66.65-66.80: Shear Zone. UC and LC = 20°ca								
			66.80-76.10: 90% Feldspar Phyric Mafic Volcanics and 10% Syenite Dyke. UC= 20°ca, LC= 140°ca								

DRILL LOG

GEOLOGY				VISUAL		ASSAY RESULTS					
From	To	Code	Comment	Cp %	Py%	Sample	From	To	Length	Au gpt	Cu %
19.80	49.20	MVSY	Mafic Volcanics and Syenite Package The hole enters into package that is dominated by mafic volcanics intruded by syenite. The ratio is about 90% mafic volcanics and 10% syenite. The former is quite different to the mafic volcanic uphole because it exhibits well developed fabric. This rock dark greenish grey/black, fine grained matrixed mafic volcanics locally altered by yellow green epidote patches and veins. The latter is the typical syenite intrusion that comes in and out. The package is weakly to moderately magnetic, moderately ankeritic and weakly to non calcareous. Local shear zone or deformation zone were observed and recorded below. Pyrite occurs as blebs, disseminations and fracture fillings. The modal percentage of pyrite is recorded at a separate column in the sample/assay table.	1.0		40761	20.60	21.80	1.20		
				1.0		40762	21.80	23.00	1.20		
				1.0		40763	23.00	24.20	1.20		
				0.1		40764	24.20	25.40	1.20		
				0.1		40765	25.40	26.60	1.20		
				0.1		40766	26.60	27.80	1.20		
				0.1		40767	27.80	29.00	1.20		
				0.5		40768	29.00	30.20	1.20		
				0.5		40769	30.20	31.40	1.20		
				0.5		40770	31.40	32.60	1.20		
				1.0		40771	32.60	33.80	1.20		
				1.0		40772	33.80	35.00	1.20		
						40773	35.00	36.20	1.20		
			19.80-25.20: Mafic Volcanics without fabric. UC= 150°ca, LC= 140°ca	1.0		40774	36.20	37.40	1.20		
			25.20-35.65: 95% Mafic Volcanics and 5% Syenite Dykes. UC= 140°ca, 130°ca, Foliation= 140°ca	1.0		40776	37.40	38.60	1.20		
				1.0		40777	38.60	39.80	1.20		
			35.65-36.40: Massive Syenite. UC= 130°ca, LC= 45°ca	2.0		40778	39.80	41.00	1.20		
			36.40-41.50: 95% Mafic Volcanics and 5% Syenite Dyke. UC= 45°ca, LC= 30°ca, Foliation= 40°ca	1.0		40779	41.00	42.20	1.20		
				0.5		40780	42.20	43.40	1.20		
				2.0		40781	43.40	44.60	1.20		
			41.50-44.40: Deformation Zone. UC= 30°ca, LC= 120°ca, Foliation= 130°ca	1.0		40782	44.60	45.80	1.20		
				2.0		40783	45.80	47.00	1.20		
			44.40-47.70: 95% Mafic Volcanics and 5% Syenite Dyke. UC= 120°ca, LC= 50°ca, Foliation= 145°ca	1.0		40784	47.00	48.20	1.20		
				0.5		40785	48.20	49.40	1.20		
			47.70-48.60: Massive Syenite. UC and LC = 50°ca								
			48.60-49.20: Mafic Volcanics. UC= 50°ca, LC- gradual contact, Foliation= 140°ca								
			29.00-44.60: Brecciated zone/Stockwork zone. This zone contains reddish veinlets which when cut bleeds into the core saw. Possible cobalt veins. Will find out what minerals are in this zone. The reddish stringers anastomosing the the unit at various directions. The host is weakly silicified mafic volcanics. This zone also appears brecciated in situ as angular fragments is common and the epidote, hematite and chlorite rims the fragments.								
6.40	19.80	MV	Altered Mafic Volcanics The hole is collared into a medium to dark maroon-grey, coherent, fine grained likely mafic flow. Fabric is weakly developed through this unit, almost massive. Patches of buff-pink, weakly corroded, less magnetic zones of ankerite and possibly albite alteration occur through the unit and grade into less altered zones. It seems that the rock has undergone strong potassium metasomatism as it bleached the rock maroonish in color. Feldspar or quartz overprints were common as it occupies 20% of the unit. It occurs like quartz grains. Trace to 0.5% pyrites. The rock is moderately to strongly ankeritic, non calcareous and weakly magnetic.	0.1		40751	8.60	9.80	1.20		
				0.1		40752	9.80	11.00	1.20		
				0.3		40753	11.00	12.20	1.20		
				0.5		40754	12.20	13.40	1.20		
						40755	13.40	14.60	1.20		
				0.5		40756	14.60	15.80	1.20		
				0.3		40757	15.80	17.00	1.20		
				0.5		40758	17.00	18.20	1.20		
				0.8		40759	18.20	19.40	1.20		
				0.5		40760	19.40	20.60	1.20		
0.00	6.40	OVB	Overburden Core recovery was measured to begin at 21.00 ft. The driller's block indicate that they placed 6.10 m (20.0 ft) of NW casing. NOTE: All the core is systematically tested for pervasive carbonate using dilute hydrochloric acid (HCl) and potassium ferricyanide (KFC). The acid fizzes in contact with calcite and the KFC stains the core blue in the presence of ankerite. In certain areas, the core is tested with a magnet to determine relative magnetite content.								
100.28		EOH	End of hole.								

DOWNHOLE ORIENTATION SURVEYS

Depth	Test	Az	Dip	Type	Comments
0.00	269.3°	269.3°	-60.0°	Collar	
11.58	282.5°	271.3°	-59.2°	Multi	
14.63	281.3°	270.1°	-59.3°	Multi	
17.68	280.6°	269.4°	-59.5°	Multi	
20.73	281.0°	269.8°	-59.2°	Multi	
23.77	281.3°	270.1°	-59.3°	Multi	
26.82	281.0°	269.8°	-59.4°	Multi	
29.87	281.1°	269.9°	-59.4°	Multi	
32.92	280.4°	269.2°	-59.3°	Multi	
35.97	281.6°	270.4°	-59.3°	Multi	
39.01	280.8°	269.6°	-59.4°	Multi	
42.06	283.3°	272.1°	-59.1°	Multi	
45.11	280.2°	269.0°	-59.5°	Multi	
48.16	279.9°	268.7°	-59.3°	Multi	
51.21	281.5°	270.3°	-59.3°	Multi	
54.25	281.7°	270.5°	-59.3°	Multi	
57.30	283.7°	272.5°	-58.9°	Multi	
60.35	281.0°	269.8°	-59.3°	Multi	
63.40	281.4°	270.2°	-59.3°	Multi	
66.45	281.3°	270.1°	-59.4°	Multi	
69.49	281.5°	270.3°	-59.3°	Multi	
72.54	280.8°	269.6°	-59.3°	Multi	
75.59	281.4°	270.2°	-59.4°	Multi	
78.64	283.7°	272.5°	-58.8°	Multi	
81.69	281.1°	269.9°	-59.4°	Multi	
84.73	281.0°	269.8°	-59.9°	Multi	
87.78	281.6°	270.4°	-59.4°	Multi	
90.83	282.8°	271.6°	-59.2°	Multi	
93.88	283.1°	271.9°	-59.1°	Multi	
96.93	282.6°	271.4°	-59.3°	Multi	

GEOTECHNICAL INFORMATION

From	To	Len	Core	Rec (%)	>10cm	RQD (%)	Breaks
6.4	8.5	2.1			1.0	0	12
8.5	11.6	3.1			2.6	1	10
11.6	14.6	3.0			2.9	1	5
14.6	17.7	3.1			2.9	1	7
17.7	20.7	3.1			2.8	1	11
20.7	23.8	3.1			2.9	1	3
23.8	26.8	3.1			2.5	1	10
26.8	29.9	3.1			3.0	1	12
29.9	32.9	3.1			2.9	1	10
32.9	36.0	3.1			2.8	1	10
36.0	39.0	3.0			2.9	1	10
39.0	42.1	3.1			2.9	1	12
42.1	45.1	3.1			3.0	1	7
45.1	48.2	3.1			2.8	1	13
48.2	51.2	3.1			3.0	1	8
51.2	54.3	3.1			2.9	1	7
54.3	57.3	3.1			2.8	1	5
57.3	60.4	3.1			3.1	1	5
60.4	63.4	3.0			3.0	1	9
63.4	66.5	3.1			3.0	1	8
66.5	69.5	3.1			3.0	1	5
69.5	72.6	3.1			2.9	1	4
72.6	75.6	3.1			2.8	1	11
75.6	78.7	3.1			2.2	1	14
78.7	81.7	3.1			2.7	1	5
81.7	84.8	3.1			2.9	1	7
84.8	87.8	3.0			2.9	1	8
87.8	90.9	3.1			2.8	1	11
90.9	93.9	3.1			3.0	1	9
93.9	97.0	3.1			2.9	1	6
97.0	100.0	3.1			3.0	1	5

Golden Target Project

Drill Log GT2014-01

COLLAR INFORMATION

Claim:

Projection: NAD83 17N **Azimuth:** 5.10°
Easting: 541,800.00 m **Dip:** -60.00°
Northing: 5,364,161.00 m **Length:** 230.43 m
Elevation: 324.00 m **Core Size:** NQ

Storage: CanREE explo site

WORK DONE BY

Work	From	To	Worker	Start	End
Drilling	0.0	230.4	Walker Drilling	2014-Sep-30	Oct-08
Downhole Survey	0.0	230.4	Walker Drilling	2014-Oct-08	Oct-08
Core Logging	0.0	230.4	Dennis Patron	2014-Oct-09	Oct-09
Core Logging	0.0	230.4	Athraa Koma	2014-Oct-09	Oct-09
Core Logging	0.0	230.4	Ce Shi	2014-Oct-09	Oct-09

Comments:

DRILL LOG

GEOLOGY				VISUAL		ASSAY RESULTS					
From	To	Code	Comment	Cp %	Py%	Sample	From	To	Length	Au gpt	Cu %
171.40	178.10	GRPH	Graphitic Zone Very dark grey, soft and massive without a fabric. Strongly magnetic and non-ankeritic. It is considered to be a graphitic zone due to the high conductors observed by the VLF and the conducting probe. The angle between the fine grained mafic volcanics and the graphitic zone is defined by a sharp angle at the end of the chlorite vein and the epidote patches at 50°ca. Within this zone there is a large vein of bull quartz which contains fragments of the graphitic rock and the chlorite-calcite-epidote veins. The bull quartz is considered to be a late alteration that has been well developed and does not contain any sulphide mineralization. however the total zone has moderate sulphide mineralization within the smaller chlorite veins that are less than 2mm and scattered throughout the rock; about 0.5% - 1% sulphide mineralization.	0.8	5.3	41067	172.00	173.00	1.00		
				1.0	2.0	41068	173.00	174.00	1.00		
				1.0	1.5	41069	174.00	175.20	1.20		
				2.0	1.5	41070	175.20	176.40	1.20		
				1.5	1.5	41071	176.40	177.60	1.20		
				1.5		41072	177.60	178.80	1.20		
26.00	37.10	MV	Mafic Volcanics The hole is collared in a dark greenish-grey, fine to medium grained mafic volcanic unit displaying a weak foliation at 30°ca. The foliation is defined by an alignment of medium grained, elongate mafic crystals and a weakly aligned network of chlorite stringers. Shredded whitish-pink calcite stringers are present throughout. It was observed that the medium grained mafic volcanic contains moderate amounts of interstitial epidote (10-20%). Also observed are scattered thin (1mm - 10mm) veinlet of quartz, epidote hematite or calcite which are oriented at various angles to the core axis. Many of the veinlet have increased amount of mineralization such as pyrite and chalcopyrite, minor scattered, disseminated pyrite in the rest of the core. The rock is medium grained and displays a weak granular texture in places. There is a weak epidote alteration throughout the unit as well. Quartz-calcite veining in the unit is weak with an abundance of 0.5% throughout. The rock is strongly magnetic, non to weakly calcareous and non to weakly ankeritic.	1.0	1.0	40873	26.00	27.20	1.20		
				1.0	1.0	40876	27.20	28.40	1.20		
				1.0	1.0	40877	28.40	29.60	1.20		
				1.0	2.0	40878	29.60	30.80	1.20		
				2.0	1.0	40879	30.80	32.00	1.20		
				1.0	1.0	40880	32.00	33.20	1.20		
				1.0	1.0	40881	33.20	34.40	1.20		
				1.0	2.0	40882	34.40	35.60	1.20		
				2.0	1.0	40883	35.60	36.80	1.20		
				1.0		40884	36.80	38.00	1.20		

DRILL LOG

GEOLOGY				VISUAL		ASSAY RESULTS					
From	To	Code	Comment	Cp %	Py%	Sample	From	To	Length	Au gpt	Cu %
37.10	42.70	FLTZ	Fault Zone Broken Core Probably a fault zone, with 1m of lost core due to drilling issues. Mainly fine to medium grained mafic volcanics that is drab, olive green and brownish core, with minor hematite in places. A few pieces of ground quartz between 38.40m to 41.50m. Very soft and mylonitized in places. The drillers said that the return water is black so probably it is the graphite conductor picked up by the VLF anomaly near the collar. The graphite however is grounded into oblivion. Lost core estimated at 1 meter based on how the drillers distribute the broken core. If the broken core were to be squeezed then the lost core will probably be 3 meters. LOST CORE - 40m to 41m	1.0		40885	38.00	39.00	1.00		
				1.0		40886	39.00	40.00	1.00		
				1.0		40887	41.00	42.00	1.00		
				5.5		40888	42.00	43.00	1.00		
42.70	44.00	MV	Altered Mafic Volcanics A small alteration zone, with upper and lower contacts at 40°ca exists within the mafic flow. It is light pinkish-grey to medium green with patchy quartz flooding- often pinkish in colour due to weak hematization and contains several quartz veins and chlorite stringers oriented at 20°ca. It is fairly mineralized, containing up to 10% disseminated pyrite. The rock is strongly magnetic, non to weakly ankeritic and non calcareous. It is weak to moderate intermitently silicified.	1.5		40889	43.00	44.00	1.00		
44.00	45.30	SHRZ	Silicified Sheared Zone Immediately after the above fault zone the core moves to a weakly silicified sheared zone which is beigeish green in color and pervaded by chlorite-epidote stringers at low angle to the core axis. This zone contains pyrite bands along fracture planes, 1%. This sheared zone is indicated by soft, mylonitized sections, highly foliated core foliation at 20°ca to 30°ca. There are minor calcite and ankerite veinlets as well as disseminated pyrite in places. This section include a 10cm pinkish quartz veinlet at 44.20m that orients 20°ca. The quartz is well developed showing amethyst looking crystals on the vugs.	1.0		40890	44.00	45.00	1.00		
						40891	45.00	46.00	1.00		

DRILL LOG

GEOLOGY				VISUAL		ASSAY RESULTS					
From	To	Code	Comment	Cp %	Py%	Sample	From	To	Length	Au gpt	Cu %
45.30	85.30	MV	Medium Grained Mafic Volcanics								
			A poorly defined, irregular contact marks the contact into a medium grained dark green, massive flow. This mafic volcanic contains very fine waxy-grey, elongate and sometimes stubby, 1mm phenocrysts, 10%, throughout giving it a speckly appearance. It is pervaded by chlorite stringers which were counted for every sample interval and whitish to creamy shreds of calcite and epidote which increase in intensity after 60 meters depth. Some sections contain a well developed fabric and also sections of shear zoning. Parts of quartz, epidote veining that are less than 1cm and some that are larger than 5mm. The veins and the shear zones that are larger than 1cm will be mentioned below in details. The rock is weakly calcareous, weakly ankeritic but strongly magnetic.			1.0	40892	46.00	47.00	1.00	
						1.0	40893	47.00	48.00	1.00	
						1.0	40894	48.00	49.00	1.00	
						1.0	40895	49.00	50.00	1.00	
						2.0	40896	50.00	51.00	1.00	
						2.0	40897	51.00	52.00	1.00	
						2.0	40898	52.00	53.00	1.00	
						2.0	40901	53.00	54.00	1.00	
						2.0	40902	54.00	55.00	1.00	
						1.0	40903	55.00	56.00	1.00	
						1.0	40904	56.00	57.00	1.00	
						2.0	40905	57.00	58.00	1.00	
						5.0	40906	58.00	59.00	1.00	
			The following are the Location: Type. Size, Orientation of the veins within the above section			3.5	40907	59.00	60.00	1.00	
				0.1		6.0	40908	60.00	61.00	1.00	
						2.0	40909	61.00	62.00	1.00	
			53.50: Quartz Veinlet. 15cm, 30°ca - Pyrite mineralization			1.5	40910	62.00	63.00	1.00	
			55.20: Two pinkish Quartz Veinlet. 2cm each, 30°ca			2.0	40911	63.00	64.00	1.00	
			59.10: Epidote Vein. 1cm, 50°ca			2.0	40912	64.00	65.20	1.20	
			60.50: Breccia Zone infilled with Quartz Veinlet. 5cm, 145°ca			2.0	40913	65.20	66.40	1.20	
			60.80: Pinkish Quartz vein. 10cm, 50°ca - well developed pyrite mineralization (10-20%)			2.0	40914	66.40	67.60	1.20	
						3.0	40915	67.60	68.80	1.20	
						0.5	40916	68.80	70.00	1.20	
			61.50: Quartz Vein. 2cm, 135°ca - high Chalcopryrite mineralization			1.5	40917	70.00	71.20	1.20	
			62.90: Quartz Vein. 2cm, 30°ca			2.0	40918	71.20	72.40	1.20	
			64.50: Pinkish Quartz Veinlet. 2cm, 30°ca			0.8	40919	72.40	73.60	1.20	
			64.80: Quartz-Epidote Vein. 4cm, 160°ca			1.0	40920	73.60	74.80	1.20	
						0.5	40921	74.80	76.00	1.20	
						1.0	40922	76.00	77.00	1.00	
						0.5	40923	77.00	78.00	1.00	
						0.8	40926	78.00	79.00	1.00	
						0.5	40927	79.00	80.00	1.00	
						1.0	40928	80.00	81.00	1.00	
						1.0	40929	81.00	82.00	1.00	
						2.0	40930	82.00	83.00	1.00	
						3.0	40931	83.00	84.00	1.00	
						1.0	40932	84.00	85.00	1.00	
						1.0	40933	85.00	86.00	1.00	

DRILL LOG

GEOLOGY				VISUAL		ASSAY RESULTS					
From	To	Code	Comment	Cp %	Py%	Sample	From	To	Length	Au gpt	Cu %
85.30	152.00	MV	Fine Grained Mafic Volcanics		1.0	40934	86.00	87.00	1.00		
			The core subtly moves to what is believed to be a typical mafic flow. This flow is fine grained, dark green, and has sharp, distinguishable contacts at 20-25°ca. It is fairly massive, pervaded by shreds of whitish-pink calcite, chlorite and epidote stringers. Wispy, broken calcite stringers and present throughout the unit but have no particular direction suggesting a stockwork. This unit generally does not contain any relict grains typical of the above mafic volcanic. There is however a short section of medium grained mafic volcanics similar to uphole that is included in this unit. It occurs at 102 m up to 105.3. There is a weak foliation fabric present oriented at 20°ca. The rock is weakly ankeritic, weakly calcareous and moderately magnetic. Pyrite occurs as fine to medium disseminations amounting from 0.5% to locally 2%. Chalcopyrite blebs were noted to be also associated.		0.5	40935	87.00	88.00	1.00		
					0.5	40936	88.00	89.00	1.00		
					0.5	40937	89.00	90.00	1.00		
					1.3	40938	90.00	91.00	1.00		
					1.0	40939	91.00	92.00	1.00		
					1.3	40940	92.00	93.00	1.00		
					1.3	40941	93.00	94.00	1.00		
					1.0	40942	94.00	95.00	1.00		
					2.0	40943	95.00	96.00	1.00		
					2.0	40944	96.00	97.20	1.20		
					2.0	40945	97.20	98.40	1.20		
					2.0	40946	98.40	99.60	1.20		
					1.5	40947	99.60	100.80	1.20		
					0.8	40948	100.80	102.00	1.20		
			The following are the Location: Type. Size, Orientation of the veins within the above section. The veins are named based on the composition; mineral that is most abundant is stated first and least abundant is stated last.		1.0	41001	102.00	103.20	1.20		
					1.0	41002	103.20	104.40	1.20		
					1.5	41003	104.40	105.60	1.20		
					2.0	41004	105.60	106.80	1.20		
					1.0	41005	106.80	108.00	1.20		
			88.30: Chlorite-Hematite Vein. 6 cm, 50°ca		0.5	41006	108.00	109.20	1.20		
			88.70: Chlorite-Calcite. 5 cm, 30°ca		0.5	41007	109.20	110.40	1.20		
			89.60: Chlorite-Calcite Vein. 10 cm, 55°ca		0.5	41008	110.40	111.60	1.20		
			90.30: Epidote Patch. 20 cm		0.5	41009	111.60	112.80	1.20		
			93.70: Epidote-Chlorite Vein. 7 cm, 130°ca		0.8	41010	112.80	114.00	1.20		
			91.20: Epidote-Chlorite Vein. 15 cm, 45°ca		1.3	41011	114.00	115.20	1.20		
			92.65: Calcite-Chlorite Vein. 2.5 cm, 140°ca		0.5	41012	115.20	116.40	1.20		
			93.10: Calcite Vein. 2 cm, 145°ca		0.8	41013	116.40	117.60	1.20		
			95.95: Calcite-Epidote-Chlorite Vein. 5 cm, 25°ca		0.8	41014	117.60	118.80	1.20		
			97.30: Epidote-Chlorite Vein. 2 cm, 150°ca		0.5	41015	118.80	120.00	1.20		
			98.95: Calcite-Chlorite-Epidote Vein. 3 cm, 165°ca		0.8	41016	120.00	121.20	1.20		
			99.20: Epidote-Chlorite-Calcite Vein. 120°ca		0.5	41017	121.20	122.40	1.20		
					0.5	41018	122.40	123.60	1.20		
			101.60: Calcite-Epidote Vein. 2 cm, long and sub-parallel to the core axis angle (10°ca)		0.8	41019	123.60	124.80	1.20		
					0.8	41020	124.80	126.00	1.20		
					1.5	41021	126.00	127.00	1.00		
			101.98: Calcite-Epidote Phenocrysts. 5 cm wide		3.5	41022	127.00	128.00	1.00		
			102.15: Calcite-Chlorite Vein. 1.5 cm, 25°ca		10.0	41023	128.00	129.00	1.00		
			105.45: Calcite-Chlorite Vein. 7 cm, 75°ca		0.8	41026	129.00	130.00	1.00		
			107.50: Calcite-Chlorite-Epidote Vein. 10 cm, 135°ca		1.0	41027	130.00	131.20	1.20		
			107.80: Calcite-Chlorite-Epidote Vein. 4 cm, 145°ca		1.0	41028	131.20	132.40	1.20		
			108.80: Chlorite-Calcite Vein. 4 cm, 55°ca		1.0	41029	132.40	133.60	1.20		
			109.02: Chlorite-Epidote-Calcite Vein. 7 cm, 50°ca		0.8	41030	133.60	134.80	1.20		
			109.65: Agglomerate Zone. 15 cm		1.3	41031	134.80	136.00	1.20		
			109.85: Chlorite-Calcite Vein. 5 cm, 135°ca		1.0	41032	136.00	137.20	1.20		
			109.96: Chlorite-Calcite-Hematite Vein. 15 cm, 135°ca		3.0	41033	137.20	138.40	1.20		
			110.30: Chlorite-Epidote Vein. 3 cm, 120°ca		0.5	41034	138.40	139.60	1.20		
			111.50: Chlorite-Calcite Vein. 10 cm, 155°ca		0.8	41035	139.60	140.80	1.20		
			111.55: Quartz Vein. 2 cm, 165°ca		1.5	41036	140.80	142.00	1.20		
			111.80: Chlorite-Calcite-Epidote Vein. 12 cm, 130°ca		1.3	41037	142.00	143.20	1.20		
			112.05: Chlorite-Calcite Vein. 5 cm, 50°ca		1.3	41038	143.20	144.40	1.20		
			112.15: Chlorite-Calcite Vein. 5 cm, 50°ca		5.5	41039	144.40	145.60	1.20		
			112.35: Chlorite-Calcite Vein. 4 cm, 130°ca		1.5	41040	145.60	146.80	1.20		
					0.5	41041	146.80	148.00	1.20		
			112.60: Agglomerate Zone filled with Calcite-Chlorite Veins. 20 cm		0.8	41042	148.00	149.20	1.20		
			114.20: Epidote-Calcite-Chlorite Vein. 20 cm, Sub-parallel to CA (5°ca)		0.8	41043	149.20	150.40	1.20		
					0.5	41044	150.40	151.60	1.20		
			114.50: Calcite-Hematite-Chlorite Vein. 2 cm, 45°ca		0.8	41045	151.60	152.80	1.20		
			114.95: Angular Calcite phenocryst with Chlorite rims around it. 5 cm								
			115.20: Agglomerate Zone infilled with Calcite-Chlorite Veins. 25 cm								
			117.50: Calcite-Chlorite Vein. 4 cm, 40°ca								
			121.00: Agglomerate Zone infilled with Calcite-Chlorite-Epidote Veins. 25 cm								

DRILL LOG

GEOLOGY				VISUAL		ASSAY RESULTS					
From	To	Code	Comment	Cp %	Py%	Sample	From	To	Length	Au gpt	Cu %
			121.80: Chlorite-Calcite Vein. 10 cm, 145°ca								
			123.20: Chlorite-Calcite-Hematite Vein. 6 cm, 45°ca								
			123.60: Chlorite-Calcite-Epidote Vein. 4 cm, 40°ca								
			123.70: Calcite-Chlorite-Hematite Vein. 5 cm, 55°ca								
			124.10: Calcite-Chlorite-Epidote Vein. 5 cm, 40°ca								
			124.65: Calcite-Chlorite Vein. 20 cm, 40°ca								
			125.60: Calcite-Chlorite-Epidote. 7 cm, 85°ca								
			126.00-127.30: Foliated Zone defined by Epidote, Calcite, Chlorite and Hematite veining, Foliation angle between 140 to 145°ca. The veins vary from 1 cm to 5 cm.								
			127.30 - 130.00: Silicified Zone. UC= 110°ca; LC= 85°ca								
			127.80 - 128.75: Fault Zone. High sulphide mineralization, fractured broken core with Chlorite and epidote mineralization								
			130.30: Chlorite-Calcite-Epidote. 10 cm, 130°ca								
			134.30: 3 Epidote Veins 1.5 cm each orienting 145°ca all three cut by a Bull Quartz Vein that is 10 cm wide and orients 75°ca, the Quartz Vein contains fragments and inclusions of Epidote, Calcite and Chlorite								
			134.80-135.20: Foliated zone defined by Quartz-Calcite Veins; about 20 veins ranging from 2mm to 1.5 cm oriented 55°ca								
			136.15: Bull Quartz Vein. 5 cm, 89°ca								
			136.65: Bull Quartz Vein with Mafic Volcanics Inclusions. 5 cm, 110°ca								
			137.90: Chlorite-Calcite-Epidote. 5 cm, 150°ca								
			138.80: Epidote-Calcite Vein. 5 cm, 140°ca								
			142.60: Calcite-Chlorite-Hematite Vein. 3 cm, 20°ca								
			142.75: Chlorite-Calcite-Epidote Vein. 10 cm, 140°ca								
			145.50: Chlorite-Quartz-Hematite-Epidote Vein. 105°ca								
			147.50: Calcite-Chlorite-Epidote-Hematite Vein. 10 cm, 145°ca								
			150.05: Calcite-Chlorite Vein. 3 cm, 50°ca								
152.00	163.80	SHRZ	Shear Zone - Brecciated Mafic Volcanics	0.5		41046	152.80	154.00	1.20		
			Mainly stretched or elongated fragmental zone; the fragments are mainly light and dark green and 1cm-2cm wide and slightly to moderately lithified in places. A sharp contact between the fine grained mafic volcanics and the sheared zone at 152m orienting 140°ca. This zone starts at weak deformed and sheared zone of the brecciated mafic volcanics that are elongated and infilled with chlorite, calcite, Quartz and epidote veins; some sections also contain hematite alterations. It has a very well fabric at 30°ca and the fabric is more defined at higher depths. Starting at 155.20m the deformation and the shearing gets stronger at a sharp angle oriented 30-150°ca, the strength of the shearing is defined by the stronger fabric and increase in the veining; the vein sizes are between 1mm-5mm in width. Based on the geophysical data; VLF and conducting probe it has been observed that this zone is highly conducted starting at 152m. The zone is strongly magnetic and moderately to strongly ankeritic. High sulphide mineralization within this zone between 1%-5%	0.8		41047	154.00	155.00	1.00		
				1.0		41048	155.00	156.00	1.00		
				1.5		41051	156.00	157.00	1.00		
				1.5		41052	157.00	158.00	1.00		
				1.0		41053	158.00	159.00	1.00		
				1.0		41054	159.00	160.00	1.00		
				1.0		41055	160.00	161.00	1.00		
				2.0		41056	161.00	162.00	1.00		
				1.0		41057	162.00	163.00	1.00		
				0.5		41058	163.00	164.00	1.00		
163.80	165.00	MV	Fine Grained Mafic Volcanics	0.5		41059	164.00	165.00	1.00		
			The contact between the deformed zone and the fine grained mafic volcanics is at 163.80m with a sharp angle of 110°ca. Fine grained, greyish greenish colour with a very weak fabric 50°ca. It is strongly to moderately magnetic and moderately ankeritic. This section also shows medium to high conductors with low to medium sulphide mineralization (0.5% - 2%)								

DRILL LOG

GEOLOGY				VISUAL		ASSAY RESULTS					
From	To	Code	Comment	Cp %	Py%	Sample	From	To	Length	Au gpt	Cu %
0.00	26.00	OVB	<p>Overburden</p> <p>Core recovery was measured to begin at 26.0 m. The driller's block indicate that they placed 8.0 m (24.4 ft) of NW casing. There is a thick cover of unconsolidated sand and gravel overlying the bedrock. Seems like an esker. A bucket full of gravel and sand observed on the road when they are constructing it were collected to test for the gold occurrence on an ancient river bed. Just unusual because the terrace gravel occurs far from the present creek.</p> <p>NOTE: All the core is systematically tested for pervasive carbonate using dilute hydrochloric acid (HCl) and potassium ferricyanide (KFC). The acid fizzes in contact with calcite and the KFC stains the core blue in the presence of ankerite. In certain areas, the core is tested with a magnet to determine relative magnetite content.</p>								
167.80	171.30	MV	<p>Fine Grained Mafic Volcanics</p> <p>The contact between the deformed zone and the fine grained mafic volcanics is at 167.80m. Fine grained, greyish greenish colour with a very weak fabric 50°ca. It is strongly to moderately magnetic and moderately ankeritic. This section also shows medium to high conductors with low to medium sulphide mineralization (0.5% - 2%). Within the fine grained mafic volcanics there are small weak deformation zones of the brecciated mafic volcanics infilled with Calcite, Quartz and Chlorite veins and contains patches of epidote that will be described below.</p> <p>168.20: Deformed Brecciated Mafic Volcanics. 20 cm, 50°ca 168.50: Deformed Brecciated Mafic Volcanics. 10 cm, 75°ca 169.45: Deformed Brecciated Mafic Volcanics. 75 cm, 140°ca 171.05: Calcite-Chlorite Vein. 3 cm, 45°ca 171.20: Chlorite Veins and Epidote Patch. 20 cm, 40°ca</p>	0.8		41063	168.00	169.00	1.00		
				1.0		41064	169.00	170.00	1.00		
				1.0		41065	170.00	171.00	1.00		
				2.0		41066	171.00	172.00	1.00		
226.10	230.50	MV	<p>Mafic Volcanics - Silicified Zone</p> <p>The zone starts at a gradual angle at 226.10 to the end of the hole, light to dark grey fine to medium grains. Contains patches of epidote in the beginning with chlorite and calcite veinings which will be described below in details. Highly mineralized zone; 1% to 10% sulphide mineralization. Weakly to moderately ankeritic and moderately to strongly magnetic, except the epidote patches are weakly magnetic.</p> <p>226.10-226.50: Epidote patch with thin 1 cm calcite and chlorite veinings and hematite alterations. LC= 50°ca</p> <p>227.10: Quartz-Calcite-Chlorite rich zone that shows a feature of a vein.15 cm. Highly mineralized (10%) and has a sharp angle of 40°ca. This section is partly more ankeritic than the rest of the zone</p>	6.0		41117	226.60	227.60	1.00		
				2.0		41118	227.60	228.60	1.00		
				1.0		41119	228.60	229.60	1.00		
				1.0		41120	229.60	230.50	0.90		
178.10	179.10	MV	<p>Fine to Medium Grained Mafic Volcanics</p> <p>Fine to medium grained Greyish-greenish rock. Massive without a fabric. Strongly magnetic and weakly to moderately ankeritic. Contains veins of calcite, quartz and chlorite throughout the section, some are smaller than 5mm and some are bigger than 1cm which will be described below. The contact between the graphitic zone and the fine to medium grained mafic volcanics is defined at 179.10 with a sharp angle of 140°ca. This section contains 0.5%-5% sulphide mineralization that is disseminated within the calcite, chlorite and epidote veins or scattered throughout the mafic volcanics. There are two large quartz-calcite-chlorite-epidote veins at 178.70 and at 178.90 that are 4cm and 10cm wide respectively and orient 75°ca</p>	1.5		41073	178.80	180.00	1.20		

DRILL LOG

GEOLOGY				VISUAL		ASSAY RESULTS						
From	To	Code	Comment	Cp %	Py%	Sample	From	To	Length	Au gpt	Cu %	
179.10	188.90	MV	Medium Grained Mafic Volcanics Medium grained dark green, massive flow. This mafic volcanic contains very fine waxy-grey, elongate and sometimes stubby, 1mm phenocrysts, 10%, throughout giving it a speckly appearance. It is pervaded by chlorite stringers which were counted for every sample interval and whitish to creamy shreds of calcite and epidote. The rock is moderately to strongly calcareous, weakly ankeritic and strongly magnetic. Within this zone there are large bull quartz veins that contain inclusions of the mafic rock and the calcite, chlorite and epidote veinings. The zone also contains small (less than 2mm) to large (more than 1cm) calcite, chlorite and epidote veins. there is also a big section that contains patches of epidote along with chlorite, quartz, calcite and hematite veinlets that are sub-parallel to the CA and which will be described below along with the other veinings. The section is moderately mineralized with sulphides; about 1% to 5%. The contact between the fine to medium grained mafic volcanics and the medium mafic volcanics is usually gradual, but due to a presence of a big quartz vein it was described to have a sharp contact at 179.20 which orients 75°ca. Within this zone there are small sections that show a poikilitic texture; which is a word that describes a needle-like texture of the crystals within the matrix. This texture is common in a diabase or an ultramafic flow. They will also be described below to where they occur and the size of these diabase dykes. 179.10: Bull Quartz Vein. 25 cm, 75°ca 179.65: Quartz-Calcite Vein. 3 cm, 140°ca 180.95: Bull Quartz Vein. 15 cm, 50°ca 174.80: Quartz Veinlet. 5 cm, 10°ca 185.30: Chlorite-Calcite-Quartz Vein. 20 cm, 50°ca - within the vein the crystals have a poikilitic texture or a needle-like texture as explained above. The texture is sub-parallel to the vein 185.70: Sub-parallel Chlorite-Calcite-Quartz-Hematite Veins within an Epidote patch matrix. 60 cm, 50°ca 187.30: Chlorite-Calcite Vein. 30 cm, 135°ca 188.50-188.90: Poikilitic texture (diabase)	1.3		41076	180.00	181.20	1.20			
				0.8		41077	181.20	182.40	1.20			
				1.0		41078	182.40	183.60	1.20			
				1.0		41079	183.60	184.80	1.20			
				0.1	1.5	41080	184.80	186.00	1.20			
				1.5		41081	186.00	187.20	1.20			
				2.0		41082	187.20	188.40	1.20			
				0.1	2.0	41083	188.40	189.60	1.20			
188.90	191.60	BX	Breccia Zone The zone starts with three fractures that are oriented 20°ca followed by a quartz-calcite vein that has the same orientation as the vein and is about 5cm wide. The breccia mafic volcanics are angular and range from 1cm to 10cm wide and they are infilled with quartz and calcite veins. the veins sometimes give an orangish-pinkish colour which can be interpreted as a hematite alteration within the vein. within the veins there are many vugs and pits created by the leaching of the calcite crystals. within these vugs and pits there are well developed quartz and calcite crystals that have dogs teeth spar texture. This zone is highly mineralized with sulphide mineralization between 2% to 5% and it also contains large chalcocopyrite phenocrysts that are about 1cm wide. it is strongly to moderately magnetic and non-ankeritic. There are also thin less than 2mm chlorite veinings which are counted and recorded throughout the whole core.	0.1	2.0	41084	189.60	190.80	1.20			
				0.1	3.5	41085	190.80	192.00	1.20			
191.60	192.30	SHRZ	Shear Zone The shearing is sub-parallel to the CA, the shearing is defined by the chlorite, hematite, quartz, epidote and quartz veinings. It is weakly magnetic and weakly to non ankeritic. The zone contains 1% to 3% sulphide mineralization.	2.0		41086	192.00	193.20	1.20			

DRILL LOG

GEOLOGY				VISUAL		ASSAY RESULTS					
From	To	Code	Comment	Cp %	Py%	Sample	From	To	Length	Au gpt	Cu %
192.30	195.60	MV	Medium Grained Mafic Volcanics and Quartz Vein Package The zone starts off with broken core from about 192.30m to 193.40m. The broken core consists of medium grained light grey grains with coarse quartz veins. Beyond the broken core, the rock is still the same, highly fractured contains dark to light grey medium grained mafic volcanics and large sections of quartz veins. the quartz veins seem to have a well developed fabric defined by the alignment of the epidote-chlorite-calcite veinings and the of the angle of the fabric is around 50°ca. The quartz veins also contains pits and vugs that are filled with well developed quartz and calcite grains that have a dog's teeth spar texture, they are sharp and have a rosey colour. This zone is magnetic except the quartz veins are non-magnetic, but the whole zone is moderately ankertitic. The quartz veins will be described below as in where are they located, their size and their orientation. The zone is highly; 1% to 2% sulphide mineralization and also contains chalcopryrite phenocrysts within quartz veins which will also be described below.	0.1	1.5	41087	193.20	194.40	1.20		
			194.05: Quartz Vein. 6 cm, 45°ca. The edge of the vein contains chalcopryrite phenocrysts 194.41: Quartz Vein. 1.5 cm, 130°ca - chalcopryrite phenocrysts 194.50: Quartz Vein. 100. 10 cm, well developed fabric with 50°ca orientation	0.1	1.0	41088	194.40	195.60	1.20		
195.60	201.30	MV	Fine to Medium Grained Mafic Volcanics The zone starts at a sharpe angle of 45°ca at 195.60. Dark greyish-greenish, fine to medium grained mafic volcanics. Strongly magnetic and weakly to non-ankeritic. Contains small chlorite-calcite veins that are less than 2mm and large veins which will be described below. it is highly mineralized; 2% - 10% sulphide mineralization and the presence of chalcopryrite within the veins and scattered throughout the zone.	0.1	2.0	41089	195.60	196.80	1.20		
			195.80: Epidote-Chlorite-Calcite vein. 4 cm, 145°ca 197.30: Quartz Vein. 15 cm, alignment angle of smaller chlorite-epidote-cacite vein= 45°ca	0.1	3.0	41090	196.80	198.00	1.20		
			197.80: Quartz Vein. 2 cm, 45°ca 198.80: Calcite-Chlorite-Epidote Vein. 20 cm, 15°ca, 10% Py 200.00-200.40: poikilitic texture 200.40: Quartz Vein. 10 cm, 135°ca	0.1	6.0	41091	198.00	199.20	1.20		
				1.5	41092	199.20	200.40	1.20			
				0.8	41093	200.40	201.60	1.20			
201.30	207.70	MV	Coarse Grained Mafic Volcanics The grain sizes gradually change from fine to medium to coarse grained light to dark greyish greenish. Has a weak fabric with a foliation angle around 145°ca. Weakly to moderately ankeritic and moderately to strongly magnetic. Contains thin chlorite veins that are less than 2mm which will be counted and recorded also other veins that are large and will be described in details below. contains some setions of poikilitic texture or needle-like texture which is common in diabase; this is explained as small diabase dykes cutting through the coarse grained mafic volcanics, these textures will also be recorded below.	0.8	0.8	41094	201.60	202.80	1.20		
			202.90: Quartz-Calcite-Epidote-Chlorite-Hematite Vein that contains inclusions of the coarse grained mafic volcanics ranging from 1 cm-3 cm. Veins width is 10cm, 20°ca	0.8	0.8	41095	202.80	204.00	1.20		
			203.10: Poikilitic texture. 20 cm 203.95-204.05: Poikilitic texture followed by a 3 cm wide quartz-calcite vein. UC= 30°ca; LC= 50°ca. CPY mineralization	0.8	0.8	41096	204.00	205.20	1.20		
			205.50: Poikilitic texture. 10cm, 45°ca	0.5	41097	205.20	206.40	1.20			
				3.5	41098	206.40	207.60	1.20			
				1.5	41101	207.60	208.80	1.20			

DRILL LOG

GEOLOGY				VISUAL		ASSAY RESULTS					
From	To	Code	Comment	Cp %	Py%	Sample	From	To	Length	Au gpt	Cu %
207.70	226.10	MV	Fine to Medium Grained Mafic Volcanics								
			Gradually the grains change to fine and medium greyish-greenish grains. Some sections will show medium grains and sections will show finer grains. Moderately to weakly ankeritic and strongly magnetic. Highly mineralized with sulphides (1% - 5%). Contains chlorite and calcite veins that are less than 2mm which are counted and recorded next to sampling and larger veins will be described below. the rock is massive without a fabric. some sections show poikilitic texture or diabase dykes which will be recorded below.	1.0		41102	208.80	210.00	1.20		
				1.0		41103	210.00	211.20	1.20		
				2.0		41104	211.20	212.40	1.20		
				2.0		41105	212.40	213.60	1.20		
				2.0		41106	213.60	214.80	1.20		
				2.0		41107	214.80	216.00	1.20		
				2.0		41108	216.00	217.20	1.20		
				2.0		41109	217.20	218.40	1.20		
				3.5		41110	218.40	219.60	1.20		
				2.0		41111	219.60	220.80	1.20		
			208.15: Chlorite-Epidote-Calcite Vein. 10 cm, 140°ca	1.3		41112	220.80	222.00	1.20		
			211.60 - 212.10: Poikilitic texture that ends with a 2 cm quartz-calcite-epidote-chlorite vein. UC= 45°ca, LC= 150°ca	0.8		41113	222.00	223.20	1.20		
				2.0		41114	223.20	224.40	1.20		
				1.0		41115	224.40	225.60	1.20		
			212.80 - 212.95: Poikilitic texture with a quartz-calcite-chlorite vein in the middle that is 3 cm wide : the vein and the texture are oriented 145°ca	2.0		41116	225.60	226.60	1.00		
			214.25: Chlorite vein. 15 cm, 60°ca								
			216.70-217.30: Poikilitic texture that contain two quartz-calcite-chlorite veins that are 13 cm and 10 cm wide respectively. The orientation angle of the poikilitic texture and the other veins are similar 34-40°ca								
			225.15: Calcite-Chlorite vein. 15 cm, 60°ca								
165.00	167.80	SHRZ	Shear Zone - Brecciated Mafic Volcanics								
			Small Section of deformed brecciated mafic volcanics that are elongated greyish greenish mafic volcanics infilled with chlorite, calcite veins. High sulphide mineralization with the veins. The size of the fragments range from 1cm to 5cm and the veins range from 1mm to 2cm wide. A sharp contact between the fine grained mafic volcanics and the sheared zone at 165m orienting 40°ca. within this zone there is a bull quartz vein that is 10cm wide and orients 70°ca which contains angular fragments of the mafic volcanics, calcite and chlorite. This section is moderately ankeritic and strongly magnetic.	2.0		41060	165.00	166.00	1.00		
				1.0		41061	166.00	167.00	1.00		
				2.0		41062	167.00	168.00	1.00		
230.43		EOH	End of hole.								

DOWNHOLE ORIENTATION SURVEYS

GEOTECHNICAL INFORMATION

Depth	Test	Az	Dip	Type	Comments	From	To	Len	Core	Rec (%)	>10cm	RQD (%)	Breaks
0.00	5.1°	5.1°	-60.0°	Collar		25.8	29.7	3.9			1.9	0	10
29.26	13.0°	1.8°	-50.1°	Multi		29.7	32.3	2.6			1.3	0	6
32.31	17.1°	5.9°	-50.2°	Multi		32.3	35.4	3.1			2.1	1	9
35.36	18.6°	7.4°	-50.0°	Multi		35.4	38.4	3.0			0.6	0	6
38.40	19.5°	8.3°	-49.9°	Multi		38.4	41.5	3.1			0.0	0	
41.45	21.7°	10.5°	-49.9°	Multi		41.5	44.5	3.1			0.6	0	5
44.50	23.6°	12.4°	-50.0°	Multi		44.5	47.6	3.1			1.7	1	15
47.55	25.7°	14.5°	-50.0°	Multi		47.6	50.6	3.1			2.0	1	5
50.60	18.2°	7.0°	-50.0°	Multi		50.6	53.7	3.1			2.3	1	7
53.64	20.5°	9.3°	-49.9°	Multi		53.7	56.7	3.0			2.7	1	4
56.69	26.0°	14.8°	-49.9°	Multi		56.7	59.8	3.1			3.0	1	6
59.74	28.3°	17.1°	-49.9°	Multi		59.8	62.8	3.0			3.0	1	2
62.79	20.2°	9.0°	-49.9°	Multi		62.8	65.9	3.1			3.0	1	5
65.84	19.5°	8.3°	-50.0°	Multi		65.9	68.9	3.1			3.0	1	4
68.88	24.4°	13.2°	-49.9°	Multi		68.9	72.0	3.1			3.0	1	4
71.93	18.6°	7.4°	-49.9°	Multi		72.0	75.0	3.1			3.0	1	5
74.98	20.5°	9.3°	-49.9°	Multi		75.0	78.1	3.1			3.0	1	5
78.03	19.2°	8.0°	-50.0°	Multi		78.1	81.1	3.1			3.0	1	2
81.08	20.8°	9.6°	-50.1°	Multi		81.1	84.2	3.1			2.8	1	7
84.12	22.4°	11.2°	-49.9°	Multi		84.2	87.2	3.1			2.9	1	5
87.17	22.5°	11.3°	-50.1°	Multi		87.2	90.3	3.1			2.8	1	7
90.22	17.9°	6.7°	-50.0°	Multi		90.3	93.3	3.1			2.9	1	4
93.27	21.7°	10.5°	-50.0°	Multi		93.3	96.4	3.1			3.0	1	5
96.32	19.1°	7.9°	-50.1°	Multi		96.4	99.4	3.1			2.9	1	7
99.36	19.8°	8.6°	-50.1°	Multi		99.4	102.5	3.1			3.0	1	4
102.41	19.8°	8.6°	-49.9°	Multi		102.5	105.5	3.1			2.9	1	7
105.46	18.4°	7.2°	-50.0°	Multi		105.5	108.5	3.0			2.8	1	5
108.51	16.6°	5.4°	-50.0°	Multi		108.5	111.6	3.1			2.9	1	6
111.56	24.6°	13.4°	-50.0°	Multi		111.6	114.6	3.0			2.9	1	7
114.60	18.0°	6.8°	-50.0°	Multi		114.6	117.7	3.1			2.9	1	4
117.65	19.2°	8.0°	-50.0°	Multi		117.7	120.7	3.1			3.1	1	4
120.70	21.4°	10.2°	-50.0°	Multi		120.7	123.8	3.1			2.8	1	7
123.75	21.8°	10.6°	-50.0°	Multi		123.8	126.8	3.1			3.1	1	3
126.80	20.5°	9.3°	-50.1°	Multi		126.8	129.9	3.1			1.5	0	24
129.84	36.7°	25.5°	-50.0°	Multi		129.9	132.9	3.1			3.0	1	9
132.89	19.8°	8.6°	-50.0°	Multi		132.9	136.0	3.1			3.0	1	2
135.94	20.0°	8.8°	-50.0°	Multi		136.0	139.0	3.0			3.0	1	5
138.99	19.8°	8.6°	-50.1°	Multi		139.0	142.1	3.1			3.0	1	4
142.04	24.2°	13.0°	-49.9°	Multi		142.1	145.1	3.1			2.8	1	3
145.08	24.5°	13.3°	-50.0°	Multi		145.1	148.2	3.1			2.9	1	7
148.13	25.5°	14.3°	-49.9°	Multi		148.2	151.2	3.1			3.0	1	3
151.18	24.1°	12.9°	-50.1°	Multi		151.2	154.3	3.1			2.8	1	12
154.23	18.5°	7.3°	-49.9°	Multi		154.3	157.3	3.1			2.7	1	7
157.28	15.5°	4.3°	-50.0°	Multi		157.3	160.4	3.1			2.6	1	7
160.32	19.2°	8.0°	-50.0°	Multi		160.4	163.4	3.0			2.8	1	11
163.37	21.6°	10.4°	-50.1°	Multi		163.4	166.5	3.1			2.4	1	10
166.42	27.4°	16.2°	-50.0°	Multi		166.5	169.5	3.1			2.8	1	6
169.47	22.2°	11.0°	-50.0°	Multi		169.5	172.6	3.1			3.0	1	3
172.52	23.3°	12.1°	-50.1°	Multi		172.6	175.6	3.1			2.7	1	2
175.56	19.5°	8.3°	-50.2°	Multi		175.6	178.7	3.1			3.1	1	0
178.61	27.0°	15.8°	-50.2°	Multi		178.7	181.7	3.1			3.1	1	2
181.66	30.6°	19.4°	-50.1°	Multi		181.7	184.8	3.1			3.1	1	2
184.71	28.5°	17.3°	-50.2°	Multi		184.8	187.8	3.0			3.0	1	2
187.76	19.7°	8.5°	-50.2°	Multi		187.8	190.9	3.1			2.8	1	13
190.80	22.4°	11.2°	-50.1°	Multi		190.9	193.9	3.1			2.1	1	12
193.85	34.2°	23.0°	-50.1°	Multi		193.9	197.0	3.1			2.8	1	11
196.90	23.8°	12.6°	-50.0°	Multi		197.0	200.0	3.1			2.9	1	6
199.95	34.2°	23.0°	-49.9°	Multi		200.0	203.1	3.1			2.9	1	7
203.00	28.0°	16.8°	-50.0°	Multi		203.1	206.1	3.1			2.8	1	7
206.04	28.8°	17.6°	-50.0°	Multi		206.1	209.2	3.1			3.0	1	3
209.09	28.8°	17.6°	-50.1°	Multi		209.2	212.2	3.1			2.6	1	1
212.14	27.5°	16.3°	-50.1°	Multi		212.2	215.2	3.0			3.0	1	1
215.19	30.9°	19.7°	-50.0°	Multi		215.2	218.3	3.1			3.0	1	3
218.24	27.2°	16.0°	-50.1°	Multi		218.3	221.3	3.1			2.9	1	2

221.28	30.4°	19.2°	-50.0°	Multi	221.3	224.4	3.1	2.9	1	2
224.33	30.0°	18.8°	-50.0°	Multi	224.4	227.4	3.1	3.1	1	4
227.38	36.9°	25.7°	-50.0°	Multi	227.4	230.5	3.1	3.0	1	3

Golden Target Project

Drill Log GT2014-02

COLLAR INFORMATION

Claim:

Projection: NAD83 17N **Azimuth:** 360.00°
Easting: 540,906.00 m **Dip:** -60.00°
Northing: 5,364,348.00 m **Length:** 17.37 m
Elevation: 365.00 m **Core Size:** NQ

Storage: CanREE explo site

Comments: Abandoned hole due to drill problems - Reflex was not taken

WORK DONE BY

Work	From	To	Worker	Start	End
Drilling	0.0	17.4	Walker Drilling	2014-Oct-07	Oct-15
Downhole Survey	0.0	17.4	Walker Drilling	2014-Oct-15	Oct-15
Core Logging	0.0	17.4	Dennis Patron		
Core Logging	0.0	17.4	Athraa Koma		

DRILL LOG

GEOLOGY				VISUAL		ASSAY RESULTS					
From	To	Code	Comment	Cp %	Py%	Sample	From	To	Length	Au gpt	Cu %
9.00	17.38	MV	<p>Mafic Volcanics</p> <p>Fine to medium grained dark greenish-grey. Strongly magnetic and weakly ankeritic. Contains less than 1mm chlorite veins and larger epidote veins and patches and chlorite veins which will be mentioned below. The contacts between the diabase and the mafic volcanics is gradual and starts at 9m. The rock contains weak fabric of 50°ca.</p> <p>9.50: Epidote-Calcite Vein. 4 cm, 140°ca 10.40: Chalcopryite mineralization along fractures 10.50: Epidote Patches. 20 cm, 140°ca 12.30: Epidote Patch with Chlorite. 6 cm, 60°ca 13.75: Epidote-Chlorite-Pyrite Vein. 5 cm, 50°ca 15.80: Epidote-Chlorite-Hematite-Pyrite Vein. 3 cm, 130°ca 17.10: Epidote Patch with a thin Calcite-Chlorite Vein. 15 cm, 50°ca</p>								
0.70	9.00	DIA	<p>Diabase</p> <p>Highly ankeritic and moderately to strongly magnetic. Medium to coarse greenish-greyish grains. Contains a salt-pepper texture or snake's skin texture defined by the feldspar phenocrysts. Some sections contains epidote patching and veins which will be described below. High sulphide mineralization within fractures and veins mainly pyrite but some chalcopryite which will also be mentioned below.</p> <p>9.00-2.20: Medium to Coarse grained Diabase. 1% Pyrite 2.20-2.40: Epidote Patch. 0.5% - 1% Pyrite 2.40-6.20: Fine grained Gabbro. 0.5% - 1% Pyrite 6.20-9.00: Medium to Coarse Grained Gabbro. 0.5% - 1% Pyrite, s 4 cm epidote vein at 8.80 m orienting 50°ca</p>								
0.00	0.70	OVB	<p>Overburden</p> <p>NOTE: All the core is systematically tested for pervasive carbonate using dilute hydrochloric acid (HCl) and potassium ferricyanide (KFC). The acid fizzes in contact with calcite and the KFC stains the core blue in the presence of ankerite. In certain areas, the core is tested with a magnet to determine relative magnetite content.</p>								
17.37		EOH	End of hole.								

DOWNHOLE ORIENTATION SURVEYS

Depth	Test	Az	Dip	Type	Comments
0.00	360.0°	360.0°	-60.0°	Collar	

GEOTECHNICAL INFORMATION

From	To	Len	Core	Rec (%)	>10cm	RQD (%)	Breaks
0.4	3.0	2.6			1.7	1	12
3.0	5.2	2.2			1.7	1	11
5.2	8.2	3.1			2.8	1	10
8.2	11.3	3.1			2.5	1	12
11.3	14.3	3.1			2.9	1	10
14.3	17.4	3.1			2.9	1	9

Golden Target Project

Drill Log GT2014-03

COLLAR INFORMATION

Claim:

Projection: NAD83 17N **Azimuth:** 358.00°
Easting: 541,533.00 m **Dip:** -60.00°
Northing: 5,367,578.00 m **Length:** 316.60 m
Elevation: 303.00 m **Core Size:** NQ

Storage: CanREE explo site

Comments:

WORK DONE BY

Work	From	To	Worker	Start	End
Drilling	0.0	316.6	Walker Drilling	2014-Oct-23	Nov-06
Downhole Survey	0.0	316.6	Walker Drilling	2014-Nov-06	Nov-06
Core Logging	0.0	316.6	Dennis Patron	2014-Oct-23	Oct-23
Core Logging	0.0	316.6	Athraa Koma	2014-Oct-23	Oct-23

DRILL LOG

GEOLOGY				VISUAL		ASSAY RESULTS					
From	To	Code	Comment	Cp %	Py%	Sample	From	To	Length	Au gpt	Cu %
310.49	316.59	SY	Syenite Porphyry Sharp jagged upper contact of 45°ca marks the beginning of this reddish grey Syenite porphyry. Medium to coarse grained, massive and crystalline. Coarse feldspar phenos are common. Few QCV cuts into this felsic intrusive rock at 45°ca. The rock is non magnetic, non calcareous, and non to weakly ankeritic. Trace pyrite disseminations.	0.5		41622	310.60	311.80	1.20		
				0.1		41623	311.80	313.00	1.20		
				0.1		41626	313.00	314.20	1.20		
				0.1		41627	314.20	315.40	1.20		
				0.1		41628	315.40	316.60	1.20		
299.46	310.49	BX	Breccia Zone Approaching the lower contact is this breccia zone. It has a jigsaw puzzle texture, or mosaic texture. The angular breccia clasts are cemented by yellow green epidote or chlorite. There is a 3 cm lithified fault gouge at 308.7m mark that trends 60°ca. There is another broken core with associated fault gouge at 300.8- 301.0 m mark suggesting a minor fault. This minor fault trends 50°ca. This zone is moderately ankeritic, non calcareous and moderately magnetic. Meshwork of QCV occurs after the fault in 308.7m up to the lower contact. Broken core which appears to be another sheared zone from 310.0 to 310.49. Silvery flecks sparsely disseminated in this interval. Probably paladium.	0.5		41613	299.80	301.00	1.20		
				0.1		41614	301.00	302.20	1.20		
				2.0		41615	302.20	303.40	1.20		
				0.1		41616	303.40	304.60	1.20		
				2.0		41617	304.60	305.80	1.20		
				0.5		41618	305.80	307.00	1.20		
				2.0		41619	307.00	308.20	1.20		
				5.0		41620	308.20	309.40	1.20		
				2.0		41621	309.40	310.60	1.20		

DRILL LOG

GEOLOGY				VISUAL		ASSAY RESULTS					
From	To	Code	Comment	Cp %	Py%	Sample	From	To	Length	Au gpt	Cu %
281.80	299.46	MV	Mafic Volcanics								
			281.80-286.40: Amphibolite. This interval is solid core of weakly silicified, blackish to dark green grey, very fine grained, hard, competent and rarely fractured amphibolite. Inside the core were some biotite flakes suggesting cooking and metamorphism.	2.0		41596	281.80	283.00	1.20		
				0.5		41597	283.00	284.20	1.20		
				1.0		41598	284.20	285.40	1.20		
				1.0		41601	285.40	286.60	1.20		
				4.0		41602	286.60	287.80	1.20		
				0.5		41603	287.80	289.00	1.20		
			286.40-287.60: QCV. This interval contains QCV+ epi-chl-hem veins 1 cm thick and runs almost sub-parallel to CA. They are hosted in dark green grey, very fine grained basalt.	0.5		41604	289.00	290.20	1.20		
				1.0		41605	290.20	291.40	1.20		
				4.0		41606	291.40	292.60	1.20		
				0.5		41607	292.60	293.80	1.20		
			287.60-291.40: Mafic Volcanics. Solid core of dark grey, fine grained mafic volcanics containing series of QCV and epi-chl veins that trends 30-45°ca. The rock is moderately magnetic, non ankeritic and weakly calcareous.	0.5		41608	293.80	295.00	1.20		
				0.1		41609	295.00	296.20	1.20		
				0.5		41610	296.20	297.40	1.20		
				0.5		41611	297.40	298.60	1.20		
				0.1		41612	298.60	299.80	1.20		
			291.40-293.20: Stockwork zone. Several QCV and epi-chl stringers anostomosing the interval. The network is hosted in a dark green grey, fine grained, mafic volcanics. Orientation of the QCV is low angle while the epi-chl stringers are high angle to CA.								
			293.20-294.50: Sheared/Brecciated Zone. This interval shows mosaic and mottled texture. Appears brecciated in situ. Chlorite filling the interstices and fractures within this interval. Still hosted on mafic volcanics.								
			294.50-295.30: foliated mafic volcanics. This interval is weakly foliated at 40°ca suggesting flow banding. Hematite stringers are common in this interval. 0.5% disseminated pyrite.								
			295.30- 296.40: Sheared/Brecciated Zone. The hole reverts back to the sheared/brecciated zone similar uphole.								
			296.40-299.00: Foliated mafic volcanics. Dark green grey, fine grained, weakly foliated at 40-45°ca. 0.5% fine disseminated pyrite. Solid core, competent and rarely fractured.								
			299.00-299.46: BBC/FZ. Broken and rubbly core with associated fault gouge. Probably a minor fault.								

DRILL LOG

GEOLOGY				VISUAL		ASSAY RESULTS					
From	To	Code	Comment	Cp %	Py%	Sample	From	To	Length	Au gpt	Cu %
194.40	281.80	MV	Altered Mafic Volcanics		0.5	41518	195.40	196.60	1.20		
			194.40-203.33: Altered Mafic Volcanics. This is a solid core core, competent and rarely fractured, dark green grey, fine grained, chlorite altered mafic volcanics, fairly mineralized by pyrite disseminations up to 10% locally. Stockwork zones of QCV stringers are common as well as network of epidote chlorite stringers.		2.0	41519	196.60	197.80	1.20		
					0.5	41520	197.80	199.00	1.20		
					2.0	41521	199.00	200.20	1.20		
					2.0	41522	200.20	201.40	1.20		
					2.0	41523	201.40	202.60	1.20		
					10.0	41526	202.60	203.80	1.20		
			203.00-211.95: Altered Mafic Volcanics. Dark green grey, fine grained, weakly silicified mafic volcanics containing low angle epidote chlorite vein treking along the core axis. Stockworks of QCV stringers anostomosing the unit cutting through the low angle epidote chlorite vein. Hematite normally occur along the selveges of veins. Fairly mineralized by pyrite disseminations up to 4%.		5.0	41527	203.80	205.00	1.20		
					4.0	41528	205.00	206.20	1.20		
					3.0	41529	206.20	207.40	1.20		
					5.0	41530	207.40	208.60	1.20		
					1.0	41531	208.60	209.80	1.20		
					5.0	41532	209.80	211.00	1.20		
					2.0	41533	211.00	212.20	1.20		
			211.95-218.00: SZ (silicified zone). This section is dark green grey, hard (scratcher is just sliding on the core), very fine grained, appears like a silicified basalt. Pyrite mineralization weakens here to 0.5% -trace.		0.1	41534	212.20	213.40	1.20		
					0.1	41535	213.40	214.60	1.20		
					0.1	41536	214.60	215.80	1.20		
					0.1	41537	215.80	217.00	1.20		
			218.00-221.60: Mineralized Zone. The silicification above weakens at this interval but the pyrite mineralization strengthens from 0.5% to 1% up to 2%. Network of QCV and epidote chlorite veingings also increased.		0.1	41538	217.00	218.20	1.20		
					0.5	41539	218.20	219.40	1.20		
					2.0	41540	219.40	220.60	1.20		
					4.0	41541	220.60	221.80	1.20		
			221.60-226.00: Sheared Zone. The mineralized zone becomes sheared having a jigsaw or mottled or masaic texture. VMS also appeared in this interval as well as increased in the volume of QCV. The VMS zone occurs at 223.9 up to 225.6 m. The main sulphides are generally pyrite and lesser pyrrhotite. QCV generally trends 130°ca. At 224.6- 225.8 exhibits mottled texture and intense QCV and epi-chl veinings. At 225.8 - 226.0 is a broken core zone due to intense fractures.		2.0	41542	221.80	223.00	1.20		
					0.1	41543	223.00	224.20	1.20		
					15.0	41544	224.20	225.40	1.20		
					5.0	41545	225.40	226.60	1.20		
					0.5	41546	226.60	227.80	1.20		
					1.0	41547	227.80	229.00	1.20		
					1.0	41548	229.00	230.20	1.20		
					0.5	41551	230.20	231.40	1.20		
			226.00-232.00: Mineralized Zone. This interval shows farcture filling pyrite mineralization trending 5 to 10°ca and 1 to 2 cm thick. At 231.5 to 232.0 is a vuggy interval containing QCV's with pyrite mineralizations along its selveges. The QCV's trends 10°ca subparallel to the fracture filling pyrite veins.		2.0	41552	231.40	232.60	1.20		
					0.5	41553	232.60	233.80	1.20		
					0.5	41554	233.80	235.00	1.20		
					0.5	41555	235.00	236.20	1.20		
					3.0	41556	236.20	237.40	1.20		
					4.0	41557	237.40	238.60	1.20		
			232.00-241.00: SZ (Silicified Zone). This interval is hard, scratcher is sliding, dark grey, fine to very fine grained, mafic volcanics (probably silicified basalt). Thin QCV and hematite veinings and Chl-Epi stringers are common. Pyrite normally occurs along the selveges of these veinings. Competent and rarely fractured.		0.1	41558	238.60	239.80	1.20		
					0.1	41559	239.80	241.00	1.20		
					2.0	41560	241.00	242.20	1.20		
					0.5	41561	242.20	243.40	1.20		
					0.1	41562	243.40	244.60	1.20		
					1.0	41563	244.60	245.80	1.20		
			241.00-244.60: Altered Mafic Volcanics. This interval is lighter in color than anove. Bleached but still hard and weakly silicified. The rock is moderately magnetic, weakly to moderately ankeritic and non calcareous. Meswork and network of QCV and Chl-epidote stringers anostomosing the interval. Pyrite concentration on 241.0- 242.2 is up to 2%.		0.5	41564	245.80	247.00	1.20		
					0.5	41565	247.00	248.20	1.20		
					2.0	41566	248.20	249.40	1.20		
					0.5	41567	249.40	250.60	1.20		
					0.5	41568	250.60	251.80	1.20		
			244.60-244.80: FZ (Fault zone). This fault trends 20°ca. The fault gouge is lithified and silicified and blackish in color.		1.0	41569	251.80	253.00	1.20		
					0.1	41570	253.00	254.20	1.20		
					0.5	41571	254.20	255.40	1.20		
					2.0	41572	255.40	256.60	1.20		
			244.80-250.00: SZ (Silicified Zone). Light grey, weakly bleached, fine grained, massive, hard, altered mafic volcanics. This interval is quite similar to the above except that the intensity of meshworks (QCV and stringers) is lesser than above. Py mineralization occurs as fine dissemination amounting to 0.5% up to 2%		4.0	41573	256.60	257.80	1.20		
					15.0	41576	257.80	259.00	1.20		
					15.0	41577	259.00	260.20	1.20		
					2.0	41578	260.20	261.40	1.20		
					4.0	41579	261.40	262.60	1.20		
			250.00-254.40: Mafic Volcanics. This is a fresher interval of mafic volcanics. Generally dark green in color, fine grained, chlorite altered basalt. At 252.6 m is a 1 cm chlorite epidote vein that trends 150°ca. Pyrite is trace to 1% locally.		1.0	41580	262.60	263.80	1.20		
					1.0	41581	263.80	265.00	1.20		
					3.0	41582	265.00	266.20	1.20		
					2.0	41583	266.20	267.40	1.20		
					3.0	41584	267.40	268.60	1.20		
			254.40-255.0: Sheared/brecciated Zone. This sheared zone is light green grey color and contains fault breccia clasts ranging in size from 1 to 3 and		4.0	41585	268.60	269.80	1.20		

DRILL LOG

GEOLOGY				VISUAL		ASSAY RESULTS					
From	To	Code	Comment	Cp %	Py%	Sample	From	To	Length	Au gpt	Cu %
			trends 155°ca. Healed fractures containing Chlorite, calcite and quartz trends sub parallel to shearing.	0.1		41586	269.80	271.00	1.20		
				4.0		41587	271.00	272.20	1.20		
				1.0		41588	272.20	273.40	1.20		
			255.00-258.00: Mafic Volcanics. The hole reverts back to dark green grey, fine grained chlorite altered mafic volcanics. Fracture filling pyrite veins are common and usually trending 257°ca.	0.1		41589	273.40	274.60	1.20		
				0.5		41590	274.60	275.80	1.20		
				0.1		41591	275.80	277.00	1.20		
				0.1		41592	277.00	278.20	1.20		
			258.00-260.10: Mineralized Zone. This interval contains strong pyrite mineralization comparable to a semi VMS. Mottled zone suggesting shearing. Weak foliation fabric at 20°ca.	0.5		41593	278.20	279.40	1.20		
				0.1		41594	279.40	280.60	1.20		
				0.5		41595	280.60	281.80	1.20		
			260.10-262.10: Mafic Volcanics. The hole reverts back to dark green grey, fine grained chlorite altered mafic volcanics.								
			262.00-265.00: SZ (silicified zone). Dark grey to blackish, fine grained, silicified mafic volcanics. There is a reddish seam of ~1 cm hematite vein that trends 5°ca.								
			262.00-270.25: Stockwork Zone. This interval contains ~10% QCV anastomosing the unit. The color of the rock is greyish brown with a tint of red. I refer this kind as syenitized mafic volcanics. The reddish tint is possibly from hematization or from potassium metasomatism.								
			270.25-272.00: Altered Amphibolite. Vugs and pits are also common. Specially at 270.4 up to 273.0. Included here is epi-chl-qtz veinlet that trends 30°ca located at 273.4 m mark. Also included here is a section of a brownish yellow green altered amphibolite containing specks of ferromagnesian possibly a mafic intrusive Sharp contact on both ends oriented at 75°ca. This rock is non magnetic, non ankeritic and non calcareous.								
			272.00-281.80: Stockwork Zone. The hole reverts back to the stockwork zone similar as uphole before the above mafic intrusive.								

DRILL LOG

GEOLOGY				VISUAL		ASSAY RESULTS					
From	To	Code	Comment	Cp %	Py%	Sample	From	To	Length	Au gpt	Cu %
128.00	194.40	MV	Mafic Volcanics		0.1	41208	128.20	129.40	1.20		
			The hole enters a thick volcanic sequence dominated by mafic rocks composed of breccia (hyaloclastic), pillowed and massive flows with rare metric size mafic dykes intrusions. Rare cherty interflow sediment inserted along the mafic dominated sequence. This rock is weakly to moderately ankeritic, moderately to strongly magnetic and weakly to non calcareous.		0.5	41209	129.40	130.60	1.20		
					10.0	41210	130.60	131.80	1.20		
					5.0	41211	131.80	133.00	1.20		
					3.0	41212	133.00	134.20	1.20		
					1.0	41213	134.20	135.40	1.20		
					1.0	41214	135.40	136.60	1.20		
					2.0	41215	136.60	137.80	1.20		
			137.80-139.00: Weakly to moderately silicified zone containing loangle cm scale quartz veinings as well as epidote chlorite veinings. Pyrites extimated at 4% at the selveges of the veins but not inside the veins but on the matrix.		4.0	41216	137.80	139.00	1.20		
					2.0	41217	139.00	140.20	1.20		
					1.0	41218	140.20	141.40	1.20		
					2.0	41219	141.40	142.60	1.20		
					1.0	41220	142.60	143.80	1.20		
			141.40-142.20: Silicified zone containing abundant epidote and hematite and quartz calcite veinings. The veins have different orientations. QCV is 160°ca, hematite vein is 145°ca; epidote is 150°ca.		3.0	41221	143.80	145.00	1.20		
					2.0	41222	145.00	146.20	1.20		
					0.5	41223	146.20	147.40	1.20		
					2.0	41226	147.40	148.60	1.20		
			143.80: Calcite hematite vein oriented at 45°ca.		3.0	41227	148.60	149.80	1.20		
			144.90-145.20: Another SZ with meshwork of epidote veinings as well as QCV 5 mm thick. Chert clast were noted. Pyrite concentration is 5%.		3.0	41228	149.80	151.00	1.20		
					2.0	41229	151.00	152.20	1.20		
					3.0	41230	152.20	153.40	1.20		
			151.00: Hematite calcite chlorite vein. 10 cm thick and trends 60°ca.		0.5	41231	153.40	154.60	1.20		
			152.20-153.00: Subparallel hematite vein. 5 mm thck.		1.0	41232	154.60	155.80	1.20		
			153.00-158.20: Silicified zone, hardly scratch by a knife, solid and competent.		0.5	41233	155.80	157.00	1.20		
					1.0	41234	157.00	158.20	1.20		
					5.0	41235	158.20	159.40	1.20		
			158.20-162.70: Sheared zone showing contorted veinings of epidote and quartz calcite. Some sections are brecciated especially from 162.25 to 162.7 showing calcitic pinkish clasts as well as chlorite stringers. The quartz calcite veining on this particular section is 135°ca.		10.0	41236	159.40	160.60	1.20		
					2.0	41237	160.60	161.80	1.20		
					0.1	41238	161.80	163.00	1.20		
					0.1	41239	163.00	164.20	1.20		
			164.40: Another breccia zone cemenmted by hematite and quartz.		0.1	41240	164.20	165.40	1.20		
			169.00: Quartz calcite vein that trends 135°ca and is 8 cm tyhiuck.		1.0	41241	165.40	166.60	1.20		
			169.70-170.00: Another sheared zone treending 150°ca. Foliation is also at 150°ca at this point.		0.5	41242	166.60	167.80	1.20		
					0.5	41243	167.80	169.00	1.20		
					2.0	41244	169.00	170.20	1.20		
			170.00-170.77: QCV anastomosing the unit subparallel to CA.		0.1	41245	170.20	171.40	1.20		
			171.40-172.00: Mafic volcanics with meshworks of hematite altered QCV stringers.		0.1	41246	171.40	172.60	1.20		
					0.1	41247	172.60	173.80	1.20		
					0.1	41248	173.80	175.00	1.20		
			172.80-173.00: Dark green chlorite vein trending at 135°ca.		0.5	41501	175.00	176.20	1.20		
			173.24-178.60: Mafic volcanics with abundant epidote veinings that trends from 30 to 45°ca.		0.5	41502	176.20	177.40	1.20		
					0.5	41503	177.40	178.60	1.20		
					5.0	41504	178.60	179.80	1.20		
			178.60-179.80: Pyritic and hematite altered QCV zone. The reddish veins trends 135°ca while the pyrite veins trends 30°ca.		10.0	41505	179.80	181.00	1.20		
					1.0	41506	181.00	182.20	1.20		
					1.0	41507	182.20	183.40	1.20		
			179.80-182.20: Silicified zone containing several hematite altered QCV. Pyrite occurs at the selveges of the veins. Veins have no particular directions		1.0	41508	183.40	184.60	1.20		
					3.0	41509	184.60	185.80	1.20		
					1.0	41510	185.80	187.00	1.20		
					0.5	41511	187.00	188.20	1.20		
			181.25: 4 cm seam of greyish and clayish fault gouge.		0.5	41512	188.20	189.40	1.20		
			182.20-185.40: Section of meshworks of QCV and epidote veinings. The epidote is more dominant than the QCV. Strong pyrite disseminations at 3%		0.5	41513	189.40	190.60	1.20		
					0.5	41514	190.60	191.80	1.20		
					0.5	41515	191.80	193.00	1.20		
					0.5	41516	193.00	194.20	1.20		
			185.40-186.00: Yellow green epidote vein and patch with pyrite mineralizatgions on the rims at 1%.		4.0	41517	194.20	195.40	1.20		
			186.00-187.01: Dark green, fine grained, chlorite altered mafic volcanics.								
			187.01-188.0: Weakly to moderately silicified mafic volcanics, dark green grey, fine grained, contained epidote patches and reddish veins (1.5 cm thick) with pyrite trends 150°ca.								

DRILL LOG

GEOLOGY				VISUAL		ASSAY RESULTS					
From	To	Code	Comment	Cp %	Py%	Sample	From	To	Length	Au gpt	Cu %
			188.00-188.20: BBC								
			188.02-194.40: SZ. Weakly to moderately silicified zone of mafic volcanics protolith containing stochworks of QCV including networks of Epi and Chl veinings. Veins are generally hematite altered. 0.5% fine pyrite disseminations.								
			194.40: QCV. 2 cm thick trending 150°ca.								
117.00	128.00	MI	Mafic Intrusive	10.0		41197	117.40	118.60	1.20		
			The contact is low angle at 15°ca. It appears an amphibolite.	0.5		41198	118.60	119.80	1.20		
				0.5		41201	119.80	121.00	1.20		
			124.90-125.10: Fault Gouge oriented at 60°ca.	0.5		41202	121.00	122.20	1.20		
				1.0		41203	122.20	123.40	1.20		
			124.00: 10 cm epidote patch	4.0		41204	123.40	124.60	1.20		
				3.0		41205	124.60	125.80	1.20		
			126.5-127.0: Another epidote patch.on amphibolite.	5.0		41206	125.80	127.00	1.20		
				2.0		41207	127.00	128.20	1.20		
			127.70-130.54: Fault/Sheared Zone : This zone contains fault breccia clasts that is hematite altered (reddish color) in a very fine grained sheared matrix. Orientation of shearing is 10°ca. It is also mineralized by 5% pyrite disseminations.								
			130.20-137.30: This is a weakly to moderately silicified zone. Very hard, could hardly be scratched by excato knife. This zone contains hematite altered QCV from 130.2 to 131.0 m trending 5°ca and strongly mineralized by pyrite on the selveges. The MV matrix of this zone show crackled and brecciated texture from 131.0 to 133.59 m. There is also a pillow fabric observed on 136.64. This zone also contains abundant epidote chlorite veinings oriented at high angle cutting through the QCV from 136 to 136.5 m.								

DRILL LOG

GEOLOGY				VISUAL		ASSAY RESULTS					
From	To	Code	Comment	Cp %	Py%	Sample	From	To	Length	Au gpt	Cu %
36.00	117.00	MV	Mafic Volcanics	1.0		41126	37.00	38.20	1.20		
			Massive, greyish-greenish, fine to medium grained and some sections show zones of coarser grains. The contact starts at 36 m within the broken core therefore the contact angle was unable to be measured.	3.0		41127	38.20	39.40	1.20		
			Many hematite, epidote veins and patches along with calcite chlorite and some quartz veins; they are all counted along a length of a sample and mentioned on the samples/assays section of this table. Some of the veins are thing less than 1cm and some are larger than 1 cm which will be decribed below. The zone is strongly to moderately magnetic and weakly to moderately ankeritic. High minderalization within this zone along veins and scattered throughout the core such as sulphide mineralizations. Some sections nare weakly silicified	0.5		41128	39.40	40.60	1.20		
				1.0		41129	40.60	41.80	1.20		
				0.5		41130	41.80	43.00	1.20		
				0.5		41131	43.00	44.20	1.20		
				0.5		41132	44.20	45.40	1.20		
				1.5		41133	45.40	46.70	1.30		
				1.3		41134	46.70	47.80	1.10		
				2.0		41135	47.80	49.00	1.20		
				1.3		41136	49.00	50.20	1.20		
				0.5		41137	50.20	51.40	1.20		
				0.5		41138	51.40	52.60	1.20		
			37.60: Epidote patch with calcite-chlorite-hematite veins cutting through it. 60 cm	0.5		41139	52.60	53.80	1.20		
				1.0		41140	53.80	55.00	1.20		
				2.0		41141	55.00	56.20	1.20		
			41.05: Chlorite-Calcite-Epidote vein. 5 cm, 150°ca	1.0		41142	56.20	57.40	1.20		
			41.20: Epidote-Chlorite- Veins. 5 cm, 50°ca	1.5		41143	57.40	58.60	1.20		
			44.40: Epidote patch. 25 cm	1.0		41144	58.60	59.80	1.20		
			46.70: Pinkish Quatz-Calcite-Hematite vein. 35 cm, 45°ca	1.0		41145	59.80	61.00	1.20		
			47.20: Epidote patch with chlorite veins. 30 cm	7.5		41146	61.00	62.20	1.20		
			48.60: Epidote vein. 4 cm, 70°ca	10.0		41147	62.20	63.40	1.20		
			49.20: Calcite-Hematite-Chlorite. 5 cm, 35°ca	3.5		41148	63.40	64.60	1.20		
			62.00-62.70: Quartz-hematite strings with 5-10% pyrite mineralization	3.5		41151	64.60	65.80	1.20		
				3.5		41152	65.80	67.00	1.20		
			57.00: Epidote-Pyrite Vein. 10 cm, 140°ca	5.0		41153	67.00	68.20	1.20		
			64.50: Epidote-Pyrite patch. 50 cm, 5% Pyrite	5.0		41154	68.20	69.40	1.20		
			76.70: Semi massive Pyrite vein trends 35°ca.	5.0		41155	69.40	70.60	1.20		
				5.0		41156	70.60	71.80	1.20		
			76.80-79.20: A thin seam of hematite + chlorite+ calcite + pyrite that runs 5°ca.with 1% of cubic pyrite associated. The pyrite is concentrated at the rim of the vein.There are high angle epidote quartz veins that cuts across this low angle vein mentioned.	1.0		41157	71.80	73.00	1.20		
				3.0		41158	73.00	74.20	1.20		
				1.5		41159	74.20	75.40	1.20		
				2.0		41160	75.40	76.60	1.20		
			86.80-87.80: Epidote patch and veins are common.	10.0		41161	76.60	77.80	1.20		
				10.0		41162	77.80	79.00	1.20		
			89.80-90.80: Sheared zone showing angular breccia lasts cemented by chlorite. This sheared zone trends sub paratlel to CA and apparently cuts the high angle quartz calcite veinings that are present in this interval. Pyrite concentration is high 10% and occrus along the shear zone.	1.0		41163	79.00	80.20	1.20		
				3.0		41164	80.20	81.40	1.20		
				2.0		41165	81.40	82.60	1.20		
				1.0		41166	82.60	83.80	1.20		
				1.0		41167	83.80	85.00	1.20		
			91.80-97.80: This interval contains an abundacnce of reddish hematite veinings with no particular orientation. Pyrite is not as abundant but there is an increase in number of chlorite epidote veinings.	2.0		41168	85.00	86.20	1.20		
				2.0		41169	86.20	87.40	1.20		
				0.5		41170	87.40	88.60	1.20		
				1.0		41171	88.60	89.80	1.20		
			97.80-98.80: This interval show a hematite vein stockworks with abundant pyrite 10%.	10.0		41172	89.80	91.00	1.20		
				3.0		41173	91.00	92.20	1.20		
				3.0		41176	92.20	93.40	1.20		
			112.80-113.80: Broken and blocky core	1.0		41177	93.40	94.60	1.20		
			113.80-116.00: Meshwork of quarz calcite stringers making the core crackle and mottled texture.	0.5		41178	94.60	95.80	1.20		
				0.5		41179	95.80	97.00	1.20		
				5.0		41180	97.00	98.20	1.20		
			116.00- 118.70: Quartz hematite vein trending 10°ca with abundant pyrites on the edges. Strong pyrite mineralization on this interval.	4.0		41181	98.20	99.40	1.20		
				4.0		41182	99.40	100.60	1.20		
				0.1		41183	100.60	101.80	1.20		
			119.70-120.00: Yellow green epidote patch	3.0		41184	101.80	103.00	1.20		
				0.5		41185	103.00	104.20	1.20		
				1.0		41186	104.20	105.40	1.20		
				3.0		41187	105.40	106.60	1.20		
				2.0		41188	106.60	107.80	1.20		
				1.0		41189	107.80	109.00	1.20		
				3.0		41190	109.00	110.20	1.20		
				5.0		41191	110.20	111.40	1.20		

DRILL LOG

GEOLOGY				VISUAL		ASSAY RESULTS					
From	To	Code	Comment	Cp %	Py%	Sample	From	To	Length	Au gpt	Cu %
					4.0	41192	111.40	112.60	1.20		
					2.0	41193	112.60	113.80	1.20		
					2.0	41194	113.80	115.00	1.20		
					3.0	41195	115.00	116.20	1.20		
					8.0	41196	116.20	117.40	1.20		
34.40	36.00	ALTZ	Strongly altered Zone Massive, very dark grey, fine grained. The contact starts at 34.40 after the 10cm quartz-hematite-calcite vein described in the above zone at 145°ca, the bottom contact is at 36cm and it is within the broken core and the angle could not be measured. Thin hematite veins less than 5mm are observed throughout this zone along with chlorite, epidote and calcite veinings. The zone is moderately to strongly magnetic and weakly to moderately ankeritic	2.0		41122	34.60	35.80	1.20		
				2.0		41123	35.80	37.00	1.20		
31.05	34.40	MV	Coarse Grained Mafic Volcanics (Amphibolite) Greyish-reddish, coarse to medium grained. The reddish colour is due to hematite veins throughout the core. Besides hematite veins there are quartz, chlorite, epidote and calcite veinings which are counted and described beside sample numbers. The first two meters are broken core and this section is moderately to strongly magnetic, weakly to moderately ankeritic. The veins are usually thin (less than 5mm) and run approximately 130 to 145°ca. A 10cm wide quartz-hematite-calcite vein occurs at 34.30m and run 145°ca	1.0		41121	33.40	34.60	1.20		
0.00	31.00	OVB	OVB Core recovery was measured to begin at 31.05m. The driller's block indicate that they placed 31 m (95 ft) of NW casing. NOTE: # Qcv stands for number quartz and or calcite veins # Hv stands for number of hematite veins # Cev stands for number of Chlorite and or epidote veins NOTE: All the core is systematically tested for pervasive carbonate using dilute hydrochloric acid (HCl) and potassium ferricyanide (KFC). The acid fizzes in contact with calcite and the KFC stains the core blue in the presence of ankerite. In certain areas, the core is tested with a magnet to determine relative magnetite content.								
316.60		EOH	End of hole.								

DOWNHOLE ORIENTATION SURVEYS

GEOTECHNICAL INFORMATION

Depth	Test	Az	Dip	Type	Comments	From	To	Len	Core	Rec (%)	>10cm	RQD (%)	Breaks
0.00	358.0°	358.0°	-60.0°	Collar		31.1	32.9	1.9			0.0	0	0
23.77	335.4° X	360.0°	-60.2°	Multi		32.9	36.0	3.1			2.3	1	10
26.82	80.2° X	360.0°	-60.0°	Multi		36.0	39.0	3.0			2.4	1	12
29.87	2.7° X	360.0°	-60.1°	Multi		39.0	42.1	3.1			2.7	1	10
32.92	10.0° X	360.0°	-59.7°	Multi		42.1	45.1	3.1			2.1	1	12
35.97	4.7° X	360.0°	-59.3°	Multi		45.1	48.2	3.1			2.9	1	9
39.01	17.6°	6.4°	-60.3°	Multi		48.2	51.2	3.0			2.7	1	10
42.06	12.4°	1.2°	-59.9°	Multi		51.2	54.3	3.1			3.0	1	9
45.11	21.1°	9.9°	-60.1°	Multi		54.3	57.3	3.1			3.0	1	5
48.16	16.4°	5.2°	-60.0°	Multi		57.3	60.4	3.1			2.7	1	7
51.21	12.9°	1.7°	-59.9°	Multi		60.4	63.4	3.0			2.7	1	5
54.25	14.4°	3.2°	-60.1°	Multi		63.4	66.5	3.1			2.7	1	6
57.30	10.9°	359.7°	-60.0°	Multi		66.5	69.5	3.1			2.4	1	4
60.35	10.2°	359.0°	-60.1°	Multi		69.5	72.6	3.1			2.8	1	4
63.40	9.6°	358.4°	-60.0°	Multi		72.6	75.6	3.1			2.4	1	10
66.45	13.3°	2.1°	-60.2°	Multi		75.6	78.7	3.1			2.9	1	3
69.49	15.8°	4.6°	-60.2°	Multi		78.7	81.7	3.1			2.7	1	8
72.54	12.4°	1.2°	-60.1°	Multi		81.7	84.8	3.1			2.1	1	14
75.59	14.3°	3.1°	-60.2°	Multi		84.8	87.8	3.1			2.8	1	5
78.64	12.5°	1.3°	-60.3°	Multi		87.8	90.9	3.1			0.9	0	18
81.69	18.5°	7.3°	-60.2°	Multi		90.9	93.9	3.1			2.7	1	12
84.73	17.8°	6.6°	-60.3°	Multi		93.9	97.0	3.1			2.8	1	7
87.78	18.0°	6.8°	-60.2°	Multi		97.0	100.0	3.1			2.0	1	14
90.83	12.6°	1.4°	-60.0°	Multi		100.0	103.1	3.1			2.2	1	13
93.88	9.6°	358.4°	-60.5°	Multi		103.1	106.1	3.1			2.3	1	12
96.93	12.3°	1.1°	-60.3°	Multi		106.1	109.2	3.1			2.7	1	11
99.97	16.1°	4.9°	-60.4°	Multi		109.2	112.2	3.1			2.5	1	11
103.02	9.9°	358.7°	-60.4°	Multi		112.2	115.3	3.1			0.8	0	20
106.07	12.3°	1.1°	-60.3°	Multi		115.3	118.3	3.1			2.4	1	7
109.12	17.1°	5.9°	-60.6°	Multi		118.3	121.4	3.1			2.5	1	12
112.17	10.3°	359.1°	-60.5°	Multi		121.4	124.4	3.1			2.7	1	22
115.21	11.9°	.7°	-60.5°	Multi		124.4	127.5	3.1			2.5	1	18
118.26	10.3°	359.1°	-60.4°	Multi		127.5	130.5	3.1			2.5	1	19
121.31	8.0°	356.8°	-60.6°	Multi		130.5	133.6	3.1			2.7	1	15
124.36	8.8°	357.6°	-60.5°	Multi		133.6	136.6	3.1			2.7	1	22
127.41	7.3°	356.1°	-60.7°	Multi		136.6	139.7	3.1			3.0	1	8
130.45	6.4°	355.2°	-60.6°	Multi		139.7	142.7	3.1			2.2	1	30
133.50	9.3°	358.1°	-60.6°	Multi		142.7	145.8	3.1			2.8	1	19
136.55	13.6°	2.4°	-60.7°	Multi		145.8	148.8	3.1			3.4	1	17
139.60	27.7°	16.5°	-60.7°	Multi		148.8	151.9	3.1			2.9	1	12
142.65	12.6°	1.4°	-60.5°	Multi		151.9	154.9	3.1			3.0	1	11
145.69	16.2°	5.0°	-60.7°	Multi		154.9	158.0	3.1			3.0	1	9
148.74	19.7°	8.5°	-60.7°	Multi		158.0	161.0	3.1			2.9	1	7
151.79	15.7°	4.5°	-60.6°	Multi		161.0	164.1	3.1			2.8	1	11
154.84	13.4°	2.2°	-60.7°	Multi		164.1	167.1	3.1			2.8	1	8
157.89	13.2°	2.0°	-60.8°	Multi		167.1	170.2	3.1			2.8	1	11
160.93	10.0°	358.8°	-60.7°	Multi		170.2	173.2	3.1			2.8	1	19
163.98	8.0°	356.8°	-60.6°	Multi		173.2	176.3	3.1			3.0	1	14
167.03	9.5°	358.3°	-60.7°	Multi		176.3	179.3	3.1			2.9	1	14
170.08	19.5°	8.3°	-60.7°	Multi		179.3	182.4	3.1			2.8	1	17
173.13	12.5°	1.3°	-60.7°	Multi		182.4	185.4	3.1			2.4	1	31
176.17	11.7°	.5°	-60.7°	Multi		185.4	188.5	3.1			2.9	1	10
179.22	12.5°	1.3°	-60.7°	Multi		188.5	191.5	3.1			2.6	1	11
182.27	10.7°	359.5°	-60.8°	Multi		191.5	194.6	3.1			2.9	1	10
185.32	10.7°	359.5°	-60.8°	Multi		194.6	197.6	3.1			2.5	1	16
188.37	10.3°	359.1°	-60.9°	Multi		197.6	200.7	3.1			3.0	1	11
191.41	9.8°	358.6°	-61.0°	Multi		200.7	203.7	3.1			3.0	1	9
194.46	15.0°	3.8°	-61.0°	Multi		203.7	206.8	3.1			2.9	1	6
197.51	10.8°	359.6°	-61.0°	Multi		206.8	209.8	3.1			2.6	1	5
200.56	10.6°	359.4°	-60.9°	Multi		209.8	212.9	3.1			2.8	1	9
203.61	9.8°	358.6°	-61.0°	Multi		212.9	215.9	3.1			3.0	1	8
206.65	9.8°	358.6°	-60.9°	Multi		215.9	219.0	3.1			2.8	1	10
209.70	12.4°	1.2°	-60.9°	Multi		219.0	222.0	3.1			2.9	1	5
212.75	10.2°	359.0°	-61.1°	Multi		222.0	225.1	3.1			2.9	1	9

215.80	14.3°	3.1°	-61.1°	Multi	225.1	228.1	3.1	2.2	1	11
218.85	12.2°	1.0°	-61.0°	Multi	228.1	231.2	3.1	2.8	1	9
221.89	12.3°	1.1°	-61.0°	Multi	231.2	234.2	3.1	3.0	1	6
224.94	13.6°	2.4°	-61.0°	Multi	234.2	237.3	3.1	2.8	1	7
227.99	12.7°	1.5°	-60.9°	Multi	237.3	240.3	3.1	2.6	1	9
231.04	12.9°	1.7°	-61.0°	Multi	240.3	243.4	3.1	2.7	1	9
234.09	16.0°	4.8°	-61.0°	Multi	243.4	246.4	3.1	2.7	1	12
237.13	22.1°	10.9°	-60.9°	Multi	246.4	249.5	3.1	2.6	1	13
240.18	11.5°	.3°	-61.0°	Multi	249.5	252.5	3.1	2.7	1	17
243.23	14.8°	3.6°	-61.1°	Multi	252.5	255.6	3.1	2.6	1	11
246.28	13.9°	2.7°	-60.9°	Multi	255.6	258.6	3.1	2.5	1	16
249.33	16.0°	4.8°	-61.0°	Multi	258.6	261.7	3.1	2.0	1	10
252.37	19.2°	8.0°	-61.0°	Multi	261.7	264.7	3.1	2.3	1	20
255.42	16.8°	5.6°	-61.1°	Multi	264.7	267.8	3.1	2.7	1	7
258.47	1.5°	350.3°	-61.0°	Multi	267.8	270.8	3.1	2.1	1	20
261.52	14.9°	3.7°	-61.0°	Multi	270.8	273.9	3.1	1.9	1	16
264.57	24.2°	13.0°	-60.9°	Multi	273.9	276.9	3.1	2.6	1	10
267.61	15.7°	4.5°	-61.0°	Multi	276.9	280.0	3.1	2.9	1	8
270.66	17.4°	6.2°	-61.1°	Multi	280.0	283.0	3.1	2.9	1	6
273.71	23.0°	11.8°	-60.9°	Multi	283.0	286.1	3.1	2.8	1	7
276.76	24.5°	13.3°	-61.0°	Multi	286.1	289.1	3.1	2.6	1	10
279.81	15.2°	4.0°	-61.0°	Multi	289.1	292.2	3.1	2.7	1	7
282.85	14.9°	3.7°	-61.0°	Multi	292.2	295.2	3.1	2.9	1	7
285.90	12.3°	1.1°	-61.0°	Multi	295.2	298.3	3.1	2.9	1	11
288.95	15.2°	4.0°	-61.0°	Multi	298.3	301.3	3.1	2.1	1	17
292.00	15.7°	4.5°	-60.9°	Multi	301.3	304.4	3.1	2.9	1	7
295.05	16.1°	4.9°	-60.9°	Multi	304.4	307.4	3.1	2.2	1	20
298.09	16.0°	4.8°	-60.9°	Multi	307.4	310.5	3.1	1.9	1	22
301.14	14.1°	2.9°	-61.0°	Multi	310.5	313.5	3.1	2.8	1	8
304.19	15.7°	4.5°	-60.8°	Multi	313.5	316.6	3.1	2.7	1	6
307.24	9.6°	358.4°	-60.7°	Multi						
310.29	11.9°	.7°	-60.8°	Multi						
313.33	51.8°	40.6°	-61.1°	Multi						