BRITISH COLUMBIA

Ministry of Energy & Mines
Energy & Minerals Division
Geological Survey Branch

ASSESSMENT REPORT
TITLE PAGE AND SUMMARY

TITLE OF REPORT [type of survey(s)]	**TOTAL COST**
Assessmnt Rpt on a Diamond Drill Program, Rayfield River Property	$643,940.33

AUTHOR(S) Agnes Koffyberg, P.Geo. SIGNATURE(S)

NOTICE OF WORK PERMIT NUMBER(S)/DATE(S) MX-X-456 YEAR OF WORK 2007-2008

STATEMENT OF WORK - CASH PAYMENT EVENT NUMBER(S)/DATE(S) 4238384 (2008/Sept/26)

PROPERTY NAME Rayfield River Property

CLAIM NAME(S) (on which work was done) 527379, 527662, 531674

COMMODITIES SOUGHT Copper, Gold

MINERAL INVENTORY MINFILE NUMBER(S), IF KNOWN

MINING DIVISION Clinton NTS BCGS 092P.025 & 035

LATITUDE 51 ° 18 ' 36 " LONGITUDE 121 ° 06 ' 01 " (at centre of work)

OWNER(S)

1) Candorado Operating Company Ltd 2)

MAILING ADDRESS

#305 - 478 Bernard Avenue

Kelowna, BC V1Y 6N7

OPERATOR(S) [who paid for the work]

1) Callinan Mines Limited 2)

MAILING ADDRESS

1100 - 736 Granville Street

Vancouver, BC V6Z 1G3

PROPERTY GEOLOGY KEYWORDS (lithology, age, stratigraphy, structure, alteration, mineralization, size and attitude):

Nicola Group rocks, Upper Triassic, Lower Jurassic, syenites, monzonites, Quesnel Trough, alkaline intrusions, copper, gold, porphyry

REFERENCES TO PREVIOUS ASSESSMENT WORK AND ASSESSMENT REPORT NUMBERS 528, 859, 1723, 2135, 19927, 29110, 29538

(OVER)

TYPE OF WORK IN THIS REPORT	EXTENT OF WORK (IN METRIC UNITS)	ON WHICH CLAIMS	PROJECT COSTS APPORTIONED (incl. support)
GEOLOGICAL (scale, area)			
Ground, mapping			
Photo interpretation			
GEOPHYSICAL (line-kilometres)			
Ground			
Magnetic			
Electromagnetic			
Induced Polarization			
Radiometric			
Seismic			
Other			
Airborne			
GEOCHEMICAL (number of samples analysed for ...)			
Soil			
Silt			
Rock			
Other	Drill core: 574 samples, Acme 1DX, 36 elements		45,532.67
DRILLING (total metres; number of holes, size)			
Core	1584.2 m, 7 holes, NTW size		598,407.66
Non-core			
RELATED TECHNICAL			
Sampling/assaying			
Petrographic			
Mineralographic			
Metallurgic			
PROSPECTING (scale, area)			
PREPARATORY/PHYSICAL			
Line/grid (kilometres)			
Topographic/Photogrammetric (scale, area)			
Legal surveys (scale, area)			
Road, local access (kilometres)/trail			
Trench (metres)			
Underground dev. (metres)			
Other			
		TOTAL COST	643,940.33

ASSESSMENT REPORT

on a

DIAMOND DRILL PROGRAM

RAYFIELD RIVER PROPERTY

CLINTON MINING DIVISION, BC

BCGS 92P.025, 92P.035

Exploration on MTO claims: 527379, 527662, 531674

Work filed on: 527379, 527662, 531674, 527387, 528272, 531667, 531689, 531698, 532208, 532209, 532210, 532211, 532212, 532213, 532215, 532216, 532217, 532218, 544734, 544739, 544741, 544746, 544749, 548202, 548204, 552115, 551122, 551125, 551126, 551129, 551131, 551133, 551153, 551155, 551157, 551158, 551159, 551160, 551161, 551165, 551166, 551168, 551169, 551170, 551174

NTS:	92/P3, P6
LATITUDE:	51° 18' 36" N
LONGITUDE:	121° 06' 01" W
OWNER:	Candorado Operating Company Ltd.
OPERATOR:	Callinan Mines Ltd.
CONSULTANTS:	Discovery Consultants
AUTHOR:	A. Koffyberg, P.Geo.
DATE:	September 2, 2008

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1.0 SUMMARY

A 1,584.2 metre diamond drilling program was performed on the Rayfield River Property ("Property") from December 2007 to February 2008. The Property is owned by Candorado Operating Company Ltd. ("Candorado"). The Property was optioned to Callinan Mines Ltd ("Callinan") in a November 2007 option agreement and consists of 26 MTO mineral claims. Callinan has since terminated the agreement.

Drilling was done on three MTO mineral claims. For assessment purposes, work done has been filed on a larger group of 45 MTO claims ("Assessment Property"), outlining 2 groups of claims. A further 9 claims act as a bridge between the two groups for filing purposes.

The Property is situated within the Cariboo Plateau, and is located approximately 26 km east of 70 Mile House. Access to this east side of the Property is by traveling east from 70 Mile House along Green Lake Road, then along South Green Lake Road, then further south along various logging roads to the Property. Access to the west side is via Hutchison Road from Green Lake Road.

Geologically, the Property lies within the Quesnel Trough, which in this area consists of Nicola Group marine sediments and arc-derived volcanic rocks with associated high-level, coeval alkalic intrusions. Much is this area is mantled by younger plateau basalts of the Chilcotin Group. The Quesnel Trough hosts many alkalic porphyry copper-gold occurrences and producing mines (Copper Mountain, Mount Polley, Galore Creek, Mount Milligan) and is of regional metallogenic significance.

Locally, the Property is underlain by a large syenitic pluton. Various phases within the pluton consist of an amphibole phase, a leucocratic phase and a pegmatitic phase. Late syenitic and pegmatitic dykes are abundant. Bornite, chalcopyrite, cuprite and native copper occur in small amounts in various phases of the pluton.

The diamond drilling program was designed to test geophysical targets derived from the 2006 aeromagnetic and gamma-ray spectrometric survey as well as testing mineralization at depth from areas of previous drilling. Seven holes were drilled. DDH 08-05 and 07 encountered low grade copper mineralization, of 0.13% Cu / 67 m and 0.10% Cu / 33 m, respectively. In these holes, the grade continued to a depth of about 180 m; however, beyond this point (from 180 to 300 m) the copper grade decreased to >0.10 %.

DDH-07-02, 08-03 and 04 ended before the targeted depths. Faulting and fractured, broken-up core was encountered in the majority of the holes. Reconnaissance DDH-08-01 in the south of the Property also yielded grades of about 0.10% Cu.

Gold values are generally low, typically less than 10 ppb Au. Gold values are elevated in zones of higher copper grades.

The 2007-2008 drilling program confirms that copper mineralization is continuous in the area drilled, indicating the presence of a large-scale copper porphyry system; however, overall copper grades remain low at the 0.10-0.15% range.

2.0 INTRODUCTION

This assessment report has been prepared by Discovery Consultants ("Discovery"), at the request of B. Maccke of Callinan, the operator on the Property.

Discovery was retained by Callinan to:

- Identify areas for drilling on the Property, within the constraints of permitting
- Continue with the permitting process for the drill program
- Log, split and sample core for the drill program
- Complete reclamation
- Report on results of drill program

This report describes the 2007/2008 diamond drill program, sampling procedures, analytical results and conclusions.

Permitting included Permit MX-X-456 with the BC Ministry of Mines, Energy and Petroleum Resources ("BC MMEPR"), an archaeological review by the Skeetchestn Indian Band, and a road use agreement with West Fraser Mills Ltd.

Reclamation work has been completed on the Property, although an inspection and approval by the BC MMEPR will not happen until the autumn of 2008. A reclamation bond of $ 7,500 has been posted by Discovery on behalf of Candorado.

3.0 LOCATION AND ACCESS

The Property is centred at latitude 51° 17' north and longitude 121° 04' west, which is physiographically situated within the Cariboo Plateau. Figure 1 shows the regional location of the Property.

The Property is located 25 kilometres east of the town of 70 Mile House. The Rayfield River transects the centre of the Property, which extends from Crater Lake in the north to the Bonaparte River in the south.

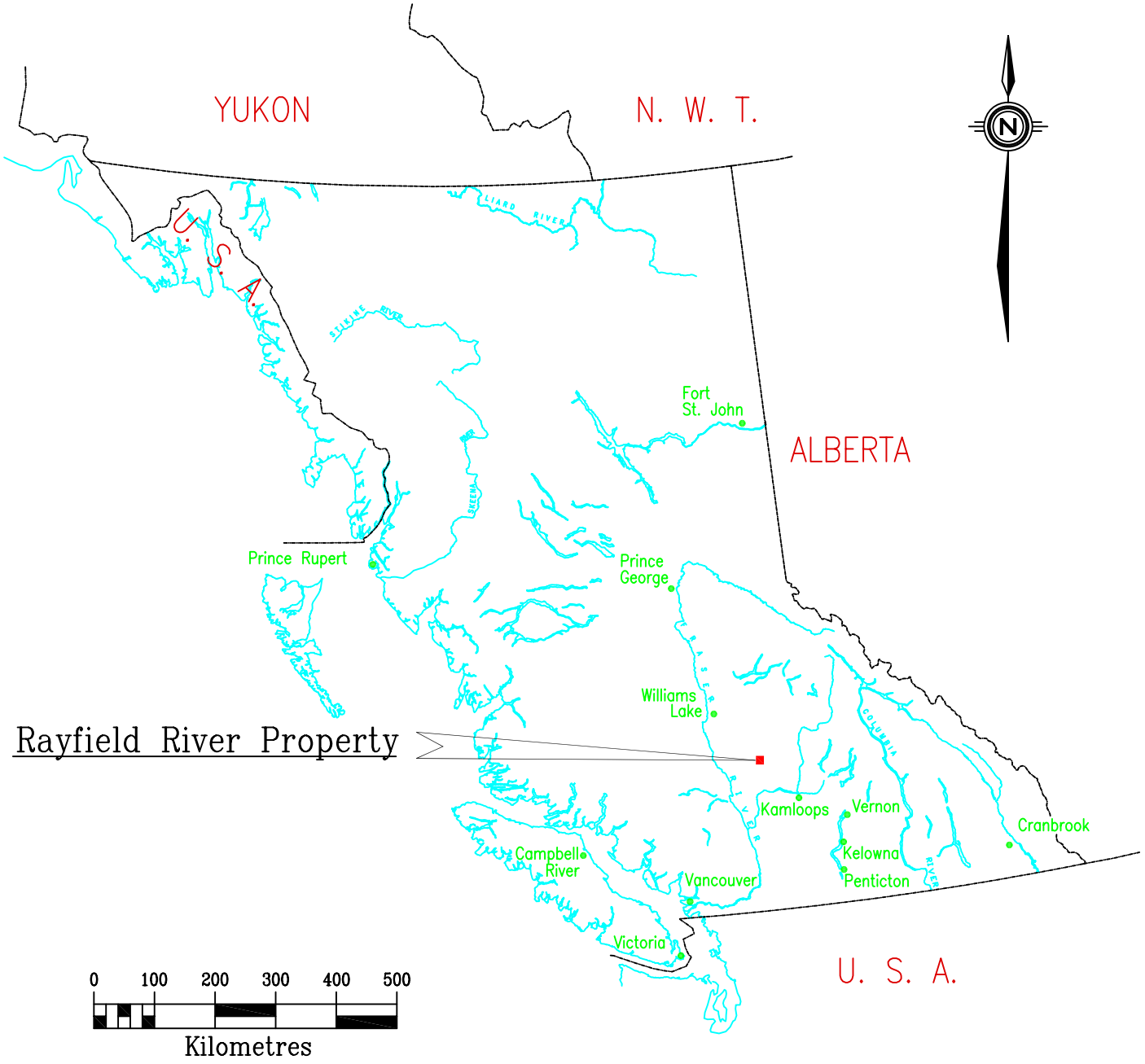
Access to the north and east parts of the Property is eastward from 70 Mile House along Green Lake Road for 24 km, then southeastward for 2.5 km on the Egan-Bonaparte Road, then on various logging roads for approximately 3 km. The west part of the Property on the west side of the Rayfield River is accessed from Green Lake Road to the turnoff at

Hutchinson Forest Service Road. Alternate access to the south part of the Property is by heading south of the town of Clinton on Highway 97, then northeast on Loon Lake Road for 40 km, then along various logging roads to the Bonaparte River. Numerous forestry roads and dirt trails cross the Property and are useable by a 4-wheel-drive vehicle.

4.0 TOPOGRAPHY

Elevations on the Property range from 900 m to 1,200 m above sea level. The landforms are generally subdued, forming a gently rolling upland plateau. A few small hills rise 30 to 90 m above the plateau surface. The Rayfield River forms a deeply incised gorge through the plateau. Moderately thick glacial deposits cover most of the plateau, and rock exposures are limited to knolls and the steep sides of the river valley. There are numerous stagnant swamps and shallow lakes as a result of poor drainage. The main drainage is via the Rayfield River, which flows south to the Bonaparte River in the southern part of the Property. This river drains southwest into the Fraser River.

Most of the flat lying area is sparsely covered by pine and aspen, while the slightly lower wetter areas have predominately fir, spruce and willow.



DISCOVERY Consultants	Candorado Operating Company Limited Callinan Mines Limited
Rayfield River Property	Property Location Map

Date:	Project:	Scale:	N.T.S.:	Mining Div:	Figure:
Sept.1, 2008	784	1:10,000,000	092P SW	Clinton	1

5.0 PROPERTY DESCRIPTION

The Property (defined as mineral tenures optioned to Callinan) consists of 26 Mineral Title Online (MTO) mineral tenures, for a total of 9782.33 hectares ("ha"). The Assessment Property (defined as mineral tenures on which assessment work was filed) consists of an additional 19 tenures, covering an area of 8,991.04 ha, for a total of 18,773.37 ha in 45 tenures. The claims filed for assessment occur as 2 groups and 9 additional claims act as a bridge connecting the groups for filing purposes. Locations of the claims filed for assessment, claims in which work was performed, and claims acting as bridge claims, are listed in Table 1 and are shown on Figure 2.

Candorado entered into an option agreement with Callinan in November, 2007, whereby Callinan had the right to earn a 60% interest in the Property by making a one time cash payment of $ 50,000, issue a total of 100,000 shares of the company to Candorado, and spend $ 600,000 in exploration expenses on the property by Dec 31, 2008. The agreement was subject to the underlying 2% NSR to Allen Harvey ("Harvey") on nine of the claims. Callinan has since terminated the agreement.

Table 1: Property Tenure Description

* Expiry date is dependent on the acceptance of this report
** Work was done on the first three claims

Tenure Number	Area (ha)	Filed for Assessment	Registered Owner	Good to Date*
527379**	181.83	yes	Candorado	2013.09.30
527662**	121.21	yes	Candorado	2013.09.30
531674**	323.67	yes	Candorado	2013.09.30
527378	80.78	yes	Candorado	2013.09.30
528272	60.62	yes	Candorado	2013.09.30
531667	485.52	yes	Candorado	2013.09.30
531689	242.49	yes	Candorado	2013.09.30
531698	141.50	yes	Candorado	2013.09.30
532208	424.13	yes	Candorado	2013.09.30
532209	504.67	yes	Candorado	2013.09.30
532210	484.94	yes	Candorado	2013.09.30
532211	484.67	yes	Candorado	2013.09.30
532212	484.81	yes	Candorado	2013.09.30
532213	485.10	yes	Candorado	2013.09.30
532215	485.40	yes	Candorado	2013.09.30
532216	364.14	yes	Candorado	2013.09.30
532217	505.49	yes	Candorado	2013.09.30
532218	404.39	yes	Candorado	2013.09.30

532216	364.14	yes	Candorado	2013.09.30
532217	505.49	yes	Candorado	2013.09.30
532218	404.39	yes	Candorado	2013.09.30
544734	504.89	yes	Candorado	2013.09.30
544739	505.12	yes	Candorado	2013.09.30
544741	505.35	yes	Candorado	2013.09.30
544746	505.57	yes	Candorado	2013.09.30
544749	485.56	yes	Candorado	2013.09.30
548202	485.21	yes	Candorado	2013.09.30
548204	484.86	yes	Candorado	2013.09.30
552115	40.43	yes	Candorado	2013.09.30
551122	508.71	yes	Candorado	2012.02.03
551125	508.75	yes	Candorado	2012.02.03
551126	488.60	yes	Candorado	2012.02.03
551129	508.32	yes	Candorado	2012.02.03
551131	468.29	yes	Candorado	2012.02.03
551133	244.27	yes	Candorado	2012.02.03
551153	508.32	yes	Candorado	2012.02.03
551155	508.53	yes	Candorado	2012.02.03
551157	508.54	yes	Candorado	2012.02.03
551158	508.51	yes	Candorado	2012.02.03
551159	427.34	yes	Candorado	2012.02.03
551160	508.76	yes	Candorado	2012.02.03
551161	508.33	yes	Candorado	2012.02.03
551165	488.38	yes	Candorado	2012.02.03
551166	508.33	yes	Candorado	2012.02.03
551168	406.82	yes	Candorado	2012.02.03
551169	508.50	yes	Candorado	2012.02.03
551170	508.10	yes	Candorado	2012.02.03
551174	365.65	yes	Candorado	2012.02.03
Total	**18773.37**			
551105	486.24	bridge	Candorado	
551107	506.89	bridge	Candorado	
551108	507.12	bridge	Candorado	
551109	487.32	bridge	Candorado	
551152	507.74	bridge	Candorado	
551175	304.75	bridge	Candorado	
554920	505.95	bridge	Candorado	
551104	506.24	bridge	Candorado	
554919	445.28	bridge	Candorado	

LEGEND

Candorado Claim

Claims on which work was done

Assessment Property

Assessment Bridge

0 2 4 6 8 10

kilometres

DISCOVERY Consultants	Candorado Operating Company Limited Callinan Mines Limited
Rayfield River Property	Claim Locations

Date:	Sept.1, 2008	Project:	784	Scale:	1:150,000	N.T.S.:	092P/092I	Mining Div:	Clinton	Figure:	2

6.0 EXPLORATION HISTORY

The area covered by the Property has been staked numerous times since the 1950s. In 1963, Kennco Explorations (Western) Ltd. held the Pat Group of claims on the west side of the Rayfield River and conducted a small soil sampling program testing for copper and molybdenum along with geological mapping. In 1966, a geochemical and magnetometer survey was carried out by Cominco Ltd. on the east side of the Rayfield River on what was then known as the I.D.S. claims. Mr. C. Dansey re-staked the area as the BD claims and carried out a small program of bulldozer trenching. He subsequently optioned the claims to Amax Exploration Inc ("Amax").

Amax carried out a large exploration program from 1968 to 1970. Anomalous copper values in soils along a 10 km stretch along the Rayfield River in 1968 led to a program of geological mapping, soil sampling, and magnetometer and induced polarization (IP) surveys. Amax detected a very large area of weak copper mineralization (plus 0.1% Cu). This led to a drill program of 31 percussion holes totalling 1748 m in 1970. The holes averaged 60 m in depth on a 300 square metre grid. Results were 0.05% to 0.1% Cu over an area 450 m by 2100 m lying mainly on the west side and adjacent to the Rayfield River. The best copper intersection was 0.42% Cu over 6.1 m.

In 1989, the area was staked by the Vernon Exploration Group, and subsequently optioned to Brenda Mines Ltd ("Brenda"). Discovery, on behalf of Brenda, carried out the 1989 exploration program, which consisted of 34 km of IP and resistivity surveys, and geological mapping. The IP survey delineated five zones of increased chargeability, four of these having a correspondingly suppressed resistivity. A subsequent eight-hole diamond drill program totalling 1141 m in the same year tested these geophysical targets. Results from this drill program included:

- 0.18% Cu and 71 ppb Au over 33.9 m
- 0.14% Cu and 30 ppb Au over 66.7 m
- 0.13% Cu and 55 ppb Au over 13.8 m

The best hole (89-6) resulted in 0.13% Cu and 35 ppb Au across 164 m. Wynne (1990a) concluded that the drilling confirmed the existence of a major alkaline porphyry system.

In 1990, another 14 diamond drill holes were completed, for a total of 3,337 m. Several holes were drilled in the vicinity of previously drilled holes, in order to determine whether copper grades continued in areal extent and with depth. Overall copper grades were low, and copper oxide in addition to copper sulphide mineralization was encountered. Table 2

summarizes the grades from the 1989 and 1990 drill hole programs.

Table 2: Summary of 1989 and 1990 Drilling

Drill Hole	Location UTM E	UTM N	Dip °	Azimuth °	Depth (m)	Grades Cu%/intersection	Comments
Brenda Mines Ltd. - 1989 Diamond Drill Hole Program							AR 19927
374-1	633275	5685552	-90	-	151	0.13% / 17.9 m	
374-2	632378	5685751	-70	180	93	0.17% / 12.0 m	
374-3	632455	5686532	-90	-	167	0.18% / 33.0 m	
374-4	632652	5686574	-90	-	121	-	
374-5	632746	5686680	-90	-	161	-	
374-6	633147	5686352	-90	-	152	0.13% / 13.8 m	
374-7	633040	5686564	-90	-	146	0.12% / 13.6 m	
374-8	632380	5685828	-90	-	151	0.14% / 12.0 m	
Brenda Mines Ltd. - 1990 Diamond Drill Hole Program							private report on file at Discovery
374-9	632404	5686533	-90	-	194	0.14% / 37.0 m	
374-10	632454	5686583	-90	-	214	0.16% / 42.0 m	
374-11	632504	5686532	-90	-	211	0.12% / 24.0 m	
374-12	632454	5686482	-90	-	266	0.16% / 12.0 m	
374-13	633180	5686069	-90	-	306	0.14% / 99.0 m	
374-14	633273	5685603	-90	-	219	0.12% / 57.0 m	
374-15	633325	5685551	-90	-	215	0.16% / 20.2 m	
374-16	633220	5685550	-90	-	193	0.19% / 15.0 m	
374-17	633270	5685510	-90	-	288	0.12% / 81.0 m	
374-18	633175	5686345	-90	-	203	0.16% / 30.0 m	
374-19	633146	5686252	-90	-	301	0.13% / 21.0 m	
374-20	633111	5686243	-85	132	203	0.17% / 51.0 m	
374-21	633119	5686350	-90	-	201	0.12% / 35.0 m	
374-22	633139	5686303	-90	-	197	0.16% / 30.0 m	
374-3 deepened					294	0.18% / 43.4 m	deepened from 167

The claims lapsed in the 1990s. In 2006, Harvey acquired the mineral cell titles online on ground covering the Rayfield River prospect. A few months later, Candorado acquired the mineral cell titles online on land adjoining the ground acquired by Harvey and optioned Harvey's property.

In 2006, a high resolution aeromagnetic and airborne gamma-ray spectrometric geophysical survey was conducted over the Property as part of larger airborne survey conducted by the Geological Survey of Canada. In total, 409 line-kilometres were flown over the property. Several geophysical targets on the Property were generated from this survey, based on

interpretations by R. Shives of the Geological Survey of Canada. These targets formed the basis of the subsequent soil sampling program.

In 2007, a grid soil sampling program was undertaken by Candorado on targets generated by the airborne geophysical survey. Six separate soil grids were constructed and 742 soil samples were collected. Prospecting and rock sampling of outcrops were done in the vicinity of the geophysical targets. Two of the six soil grids had small copper anomalies (100 to 300 ppm). One weak gold-in-soil anomaly was also present in one of the anomalous copper soil grids. Callinan optioned the Property from Candorado in November, 2007.

7.0 GEOLOGY

7.1 Regional Geology

The Property is located within the Quesnel Trough, a belt of island arc volcanic rocks and sedimentary rocks belonging to the Quesnel Terrane in the Intermontane Belt. The Quesnel Terrane is a marine basin that formed at the Triassic continental margin and consists of Jurassic to Tertiary volcanic and sedimentary rocks. The Upper Triassic to Lower Jurassic Nicola Group rocks consist mainly of volcanic rocks (volcanic breccia, tuff and basalt) stratigraphically overlain by sedimentary rocks (siltstone, sandstone, basalt, tuff, conglomerate, volcanic breccia, chert and dacite). Plutonic rocks, consisting of undersaturated syenites, monzonites, diorites and gabbros, are believed to be coeval with the Nicola Group rocks. The emplacement of these plutons took place in Early Jurassic and show close spatial and temporal affinities with the Upper Triassic to Lower Jurassic Nicola volcanic rocks. These alkaline plutons occur as breccias and small stocks, and are commonly porphyritic.

The Nicola volcanic and intrusive rocks are crosscut by slightly younger large granodiorites, diorites and monzodiorites of the Thuya and Takomkane batholiths. Both alkaline and calc-alkaline intrusions are host to porphyry type copper-gold and copper-molybdenum mineralization. A cap of Miocene to Pliocene basaltic flows and related sediments of the Chilcotin Group unconformably overlies older rocks in this area. The regional geology is shown on Figure 3.

7.2 Property Geology

The Property is situated over a 65 km^2 'window', which exposes underlying older rock through the Chilcotin plateau basalts. These basalts are mainly massive, flat-lying olivine basalts. The underlying rocks consist of quartz monzonite, diorite and syenite intrusives thought to be related to the Late Triassic or Early Jurassic Thuya batholith. The main body

of the Thuya batholith lies to the east of the Property.

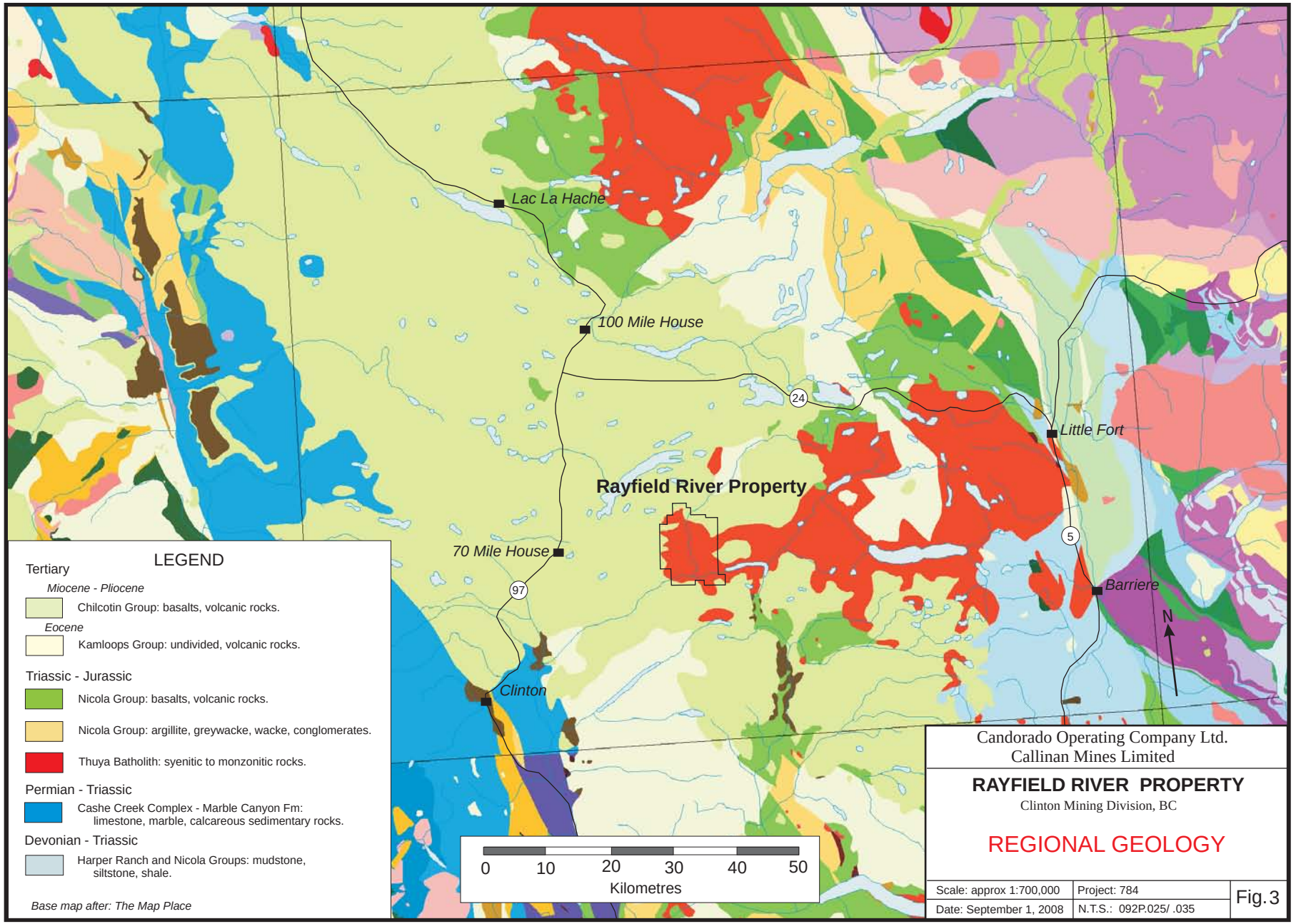
Several phases of the syenitic pluton have been mapped. There are two main intrusive phases, one a leucocratic syenite in the south central part of the Property, and the other, an amphibole syenite covering much of the rest of the Property. The contact between these units is a syenite unit that is likely transitional between the two. Diorite outcrops in the southern part of the property along the Bonaparte River. In addition, there are a few dykes of syenitic composition as well as a small pegmatitic syenite body in the southwest part of the Property.

7.3 Mineralization and Alteration

Visible copper mineralization is widespread but more abundant near the transitional unit. Copper sulphides consist of chalcopyrite, bornite and chalcocite, occurring as fracture fill, as disseminations and in veinlets. Copper oxides are also abundant, occurring primarily as malachite and cuprite. Malachite occurs on feldspar veinlets, on fractures and as disseminations replacing mafic minerals. Native copper is also present.

Alteration includes potassium feldspar, epidote, chlorite, sericite and hematite.

Structurally, the intrusive shows foliation, faulting and feldspar veining. Foliation is moderately- to well- developed throughout the leucocratic syenite and parallels lithological contacts within the intrusives. It varies from a near vertical dip at the outer margins, to about 45˚NE near the centre of the core. This suggests that the leucocratic core dips in a northeast direction beneath the amphibole syenite unit. In strongly fractured areas, the feldspar veinlet patterns have several common orientations, though none predominates. The most widespread veinlet set is a sheeted set of grey feldspar veinlets trending north-northwest and dipping 40° to 60˚W.


Lac La Hache
100 Mile House
24
Little Fort
Rayfield River Property
70 Mile House
97
5
Barriere
N
Clinton
LEGEND
Tertiary
Miocene - Pliocene
Chilcotin Group: basalts, volcanic rocks.
Eocene
Kamloops Group: undivided, volcanic rocks.
Triassic - Jurassic
Nicola Group: basalts, volcanic rocks.
Nicola Group: argillite, greywacke, wacke, conglomerates.
Thuya Batholith: syenitic to monzonitic rocks.
Permian - Triassic
Cashe Creek Complex - Marble Canyon Fm: limestone, marble, calcareous sedimentary rocks.
Devonian - Triassic
Harper Ranch and Nicola Groups: mudstone, siltstone, shale.
Base map after: The Map Place
0 10 20 30 40 50
Kilometres
Candorado Operating Company Ltd.
Callinan Mines Limited
RAYFIELD RIVER PROPERTY
Clinton Mining Division, BC
REGIONAL GEOLOGY
Scale: approx 1:700,000
Project: 784
Date: September 1, 2008
N.T.S.: 092P.025/ .035
Fig. 3

8.0 DRILL PROGRAM

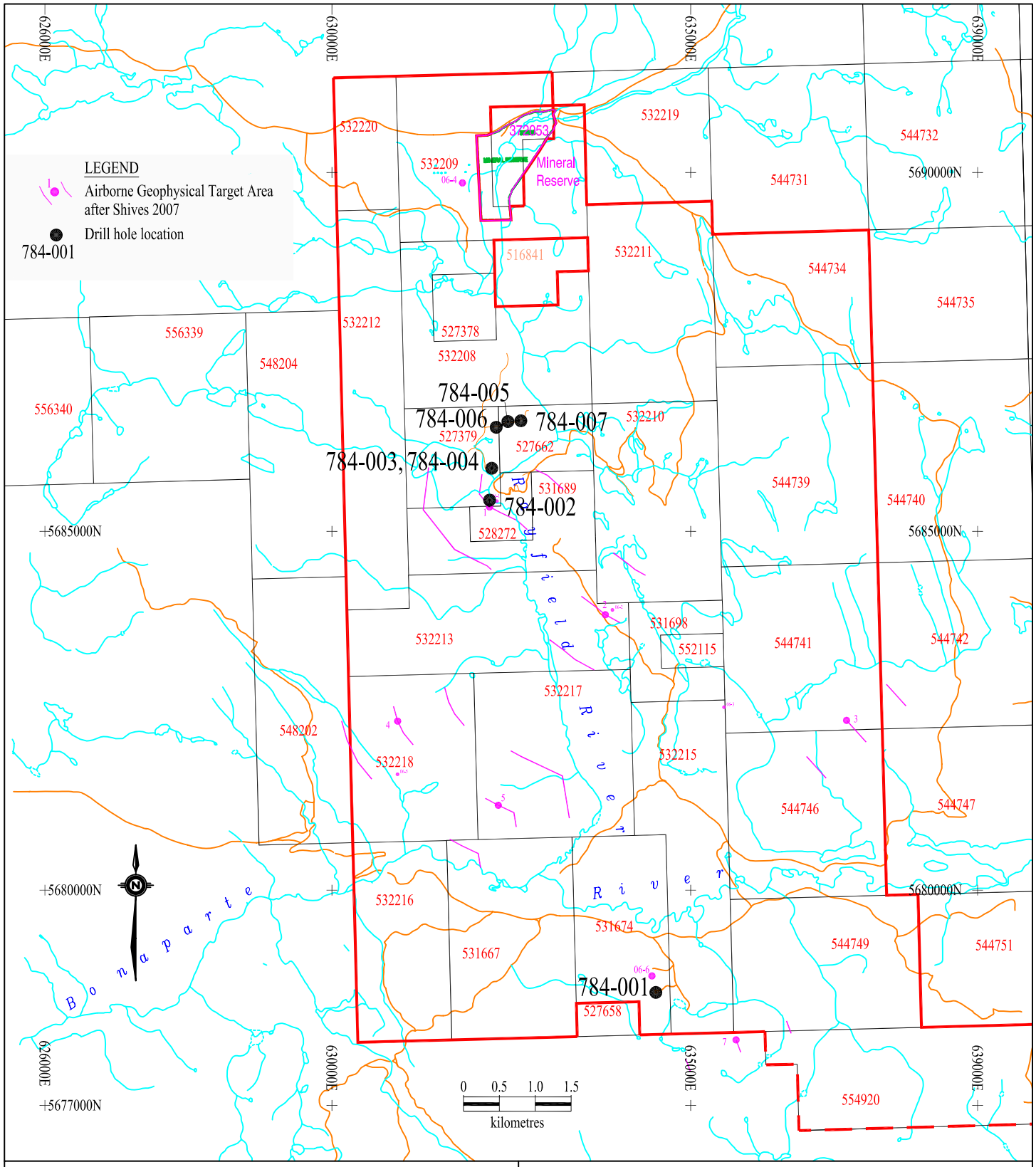
8.1 Method and Approach

A 1,584.2 metre diamond drill program was carried out from Dec 7, 2007 to February 7, 2008. The drilling work was contracted to Full Force Diamond Drilling Ltd. of Peachland, BC.

The program was designed to augment the results from the 1989 drilling program by drilling deeper, to depths of 200 to 300 m. Several holes tested geophysical targets generated from the 2006 aeromagnetic and gamma-ray spectrometric airborne survey; others tested 1989 ground induced polarization (IP) highs and/or mineralization seen in outcrop on the surface. The final three holes (784-08-05, 06, 07) also tested the depth extension of the mineralization encountered in the 1989 Brenda Mines drilling program. In total, 1,584.2 m of NTW size core were drilled in seven holes. Details of the drilling program are given in Table 3. Drill hole locations are shown on Figure 4.

Table 3: Diamond Drill Hole Summary

Hole	Target	Target	Location		Elev. (m)	Az (°)	Dip (°)	Depth	Comments
ID	ID	Details	UTM83 E	UTM83 N				m	
784-07-01	B-1	2006-06 airborne geophysical anomaly	634515	5678575	1021		-90	257.6	
784-07-02	D-1	2007 Airborne geophysical anomaly (R-1)	632198	5685435	917	180	-50	143.9	proposed TD=450m, the hole was lost in heavily broken ground.
784-08-03	G-2	altered bedrock with malachite and cpy	632228	5685879	949	15	-70	44.2	proposed TD=300m, lost the hole in extremely broken-up, clay-rich ground.
784-08-04	G-2	altered bedrock with malachite and cpy	632228	5685879	949	15	-80	247.1	Very broken, clay-rich ground. Reduced to BTW and still lost the hole.
784-08-05	E-2	strong ground IP anomaly; adjacent to DDH 374-03 (0.18% Cu/33.9m)	632453	5686530	1067		-90	300.2	
784-08-06	E-1	100 m west of 08-05, testing continuity of Cu mineralization	632366	5686481	1062		-90	291.0	
784-08-07	E-3	100 m east of 08-05, testing continuity of Cu mineralization	632603	5686542	1054		-90	300.2	
							Total	1584.2	



DISCOVERY Consultants

Candorado Operating Company Limited
Callinan Mining Limited

Rayfield River Project

Drill Hole Locations

Date:	Sept.1, 2008	Project:	784	Scale:	1:75,000	N.T.S.:	092P.035/025	Mining Div:	Clinton	Figure:	4

8.2 Core Logging Procedures

Core was removed from the core barrel and placed in wooden core boxes by the drillers. The core was transported to Green Lake and logged in a rented facility owned by Mr. Frank Beatty.

The core was logged for recovery and RQD (rock quality designation), and later split by geo-technicians. Geologists geologically logged the core both whole and split. Drill logs are included in Appendix I.

One half of the split core was sampled and shipped to Acme Analytical Laboratories Ltd. ("Acme") by a bonded trucking company. In total, 574 core samples were sent for analysis.

The logged and sampled core boxes had metal tags stapled on one end of the box designating hole number, box number, and drill interval of that box. The core boxes are currently stored on the Property in the vicinity of Hole 784-08-05.

8.3 Sample Preparation, Analysis and Quality Control

The core samples were crushed to -10 mesh, then a 250 g split was pulverized to -150 mesh. Following aqua regia digestion of a 0.5 g split, the samples were analyzed by ICP-MS techniques (Acme's Group 1DX) for 36 elements. Appendix II lists the analytical results.

In addition, the samples were analysed for gold by fire assay methods (Acme's 3B method). A 30 g sub-sample of the -150 mesh split was decomposed by lead-collection fire-assay (FA) fusion, with subsequent aqua regia digestion of the doré bead, followed by ICP-ES analysis. The results are shown in Appendix II.

Analysis for metallic copper was made on 6 samples and for metallic gold on 12 samples. No significant values were reported.

Acme routinely added blanks, duplicates and standards to the sample sequence during analysis. Field blank samples and core duplicate samples were inserted into the sample stream. Appendix III lists the QA/QC results.

Acme inserted blank rock samples (G1) at the start of each batch and also within the batch. These samples went through the same preparation and analysis as the regular samples. Field blank samples comprised unaltered rock samples with no visible copper minerals. The analysis of the blanks shows no problems with contamination in the sample preparation. An

analytical blank (BLK) was regularly inserted to check for analytical problems; there were none noted.

Acme regularly analyzed duplicate sub-samples, approximately every 30 samples. The sample is another sub-sample of the pulverized rock. Less commonly, duplicate reject samples were analysed. These comprised the pulverization of another 250 g spilt of the crushed sample. The results show good precision.

The laboratory also inserted a standard, after about every 35 samples, to monitor for errors in the analytical process. The analyses of the inserted standards show acceptable results.

8.4 Results

In total, 1,584.2 m of core from 7 drill holes were drilled and logged. Overburden thickness in the central part of the Property (DDH07-02 to 08-07) averages 10 m. South of the Bonaparte River, this increases to 21 m at DDH07-01. Table 4 lists the best intercepts in each drill hole equal to or greater than 0.10% Cu.

Table 4: Diamond Drill Holes: Summary of ≥0.10 % Cu Results

Drill Hole	From (m)	To (m)	Length (m)	Cu %	Au* ppb
784-07-01	92.1	95.3	3.2	0.11	24
784-07-02	no grades >0.1 % Cu				
784-08-03	no grades >0.1 % Cu				
784-08-04	55.0	57.5	2.5	0.11	5
	72.5	75.0	2.5	0.24	4
	105.0	107.5	2.5	0.19	<2
	160.5	172.5	12.0	0.12	4
	200.0	202.5	2.5	0.12	7
	212.0	224.4	12.4	0.12	4
784-08-05	25.0	27.5	2.5	0.14	10
	71.0	86.0	15.0	0.15	31
	110.0	176.8	66.8	0.13	7
	186.4	189.4	3.0	0.11	37**
784-08-06	160.8	163.8	3.0	0.21	<2
784-08-07	51.0	57.0	6.0	0.15	16
	69.0	102.0	33.0	0.10	9
	202.0	220.3	18.3	0.10	27

**Gold analysis is by fire assay (Acme's 3B method)*

*** Gold analysis is by aqua regia digestion with ICP-MS finish (Acme's 1DX method)*

Gold values are generally low. Comparison of aqua regia digestion and fire assay techniques generally shows good correlation (Appendix II).

Lithological descriptions within each hole are summarized as follows:

Hole DDH07-01 (Figures 5-7)

South of the Bonaparte River

This hole was drilled to test the airborne potassium geophysical target 06-6 (Koffyberg, 2007a). The lithology is predominately fine-grained diorite, grey to green-grey, and containing up to 15-20% magnetite. This lithology alternates with an orange to tan hornblende syenite unit, fine to medium grained. Hornblende grains are partially altered to chlorite. Biotite content increases with depth.

Alteration in the diorite is locally pervasive, consisting of silicified and bleached diorite and abundant chlorite and epidote. Epidote occurs as halos along quartz-carbonate filled fractures. Occasional secondary potassium feldspar stringers occur at 152 m. Calcite stringers are occasionally present. Trace chalcopyrite occurs in the diorite along a potassically-altered late hydrothermal vein, at 159 m depth. At the bottom of the hole, the diorite is brecciated from 209 to 258 m, with sub-rounded fragments of altered diorite in a diorite matrix. Strong, pervasive epidote and chlorite replacement of both matrix and fragments occurs. Trace pyrite and calcite veinlets are also present. One 3.2 m interval within the hornblende syenite near the top of the hole ran 1,050 ppm Cu. Gold values are less than 15 ppb Au.

Hole DDH07-02 (Figures 8-10)

Central Rayfield River

This hole was drilled to test the airborne potassium geophysical target R-1 (Koffyberg, 2007a). The hole consists of syenite that has been variably altered. Unaltered syenite is grey, medium to coarse-grained, with weak chlorite alteration and limonite staining on fractures. A large fault zone occurs from 8 to 40 m, and smaller faults zones occur from 46 to 52 m, from 71 to 73 m, from 85 to 91 m and from 101 to 111 m. Within these zones the syenite is strongly altered and the core is soft and crumbly.

The hole was lost at 144 m in heavily broken up/crumbly rock. Hematite/specularite and chlorite coat fracture surfaces. Altered syenite is typically soft, crumbly with pale grey, weakly calcareous clay gouge. Chloritization is restricted to alteration of mafic minerals (hornblende). Feldspars are strongly seriticized and argillized, whereas in the fault zones they also display occasional potassic alteration as well as locally strong argillization, obliterating primary textures.

No significant copper or gold values were encountered. Copper values are all less than 300 ppm Cu. Gold grades are typically less than 5 ppb, although one 3.0-m interval ran 92 ppb Au.

Holes DDH08-03 and 04 (Figures 11-13)

Central Rayfield River

Holes 08-03 and 04 were designed to test possible depth extension of surface mineralization and alteration seen in outcrop. This area is also part of a broad area covered by airborne geophysical target R-1. Much of the core in Hole 03 is heavily fractured, incompetent and broken-up. The hole was lost at 44.2 m. Hole 08-04 was steepened to -80˚, resulting in drilling to a depth of 247.1 m, where it was lost again in broken up, crumbly core.

The lithology consists of variably altered/oxidized and locally silicified syenite. Extensive brecciation, with crumbly sections, occurs locally. Calcite is more abundant in areas of faulting associated with clay gouge. Leucocratic syenite appears with depth, as medium to coarse-grained, mottled light grey to pinkish grey, fractured rock. Chlorite and hematite occur as fracture fill. Locally, ghosts of interstitial hornblende are filled with calcite. Potassic alteration occurs locally.

Faulting and fracturing occur to various degrees of intensity throughout the core (Figure 13). Hematite and limonite is common with clay-rich fault gouge. Mineralization consists of pyrite and chalcopyrite as fine-grained, disseminated grains and as rare coarse-grained blebs and fracture fill.

Copper grades are locally up to 0.12% Cu over 12 m. Several 2.5-m intervals have >0.10% ppm Cu, to a maximum of 2.4% Cu. Gold values are less than 10 ppb Au.

Holes DDH08-05, 06 and 07 (Figures 14-16)

Central Rayfield River

DDH08-05 was drilled in the vicinity of the 1989 Brenda Mines DDH-03, a ground IP target.

The 1989 hole bottomed out in mineralization, with a grade of 0.18% Cu over 33.9 m, from 132.8 m to 166.7 m. DDH-08-06 and 07 stepped out from hole 08-05 for a distance of 100 and 150 m, respectively.

DDH08-05

Hole 08-05 consists mostly of altered hornblende syenite. Numerous fault zones occur to a depth of 131 m. At this point the syenite gradually transitions to a coarse-grained syenitic pegmatite, consisting of 75% potassium feldspar, with minor plagioclase, hornblende and magnetite. At a depth of 177 m, a 7-m wide fine-grained syenite dyke was encountered. The dyke is rimmed by a centimetre-wide magnetite-hematite-chlorite rich banded alteration. A mafic dyke occurs at 276 to 282.5 m, hosting minor calcite veinlets.

Alteration within the syenite consists of weak to moderate potassic alteration, often fracture controlled, with some secondary epidote and magnetite. Chalcopyrite and bornite occur as blebs, interstitial and fracture fill, associated with potassium feldspar veining.

Copper mineralization grades 0.13% Cu across 66.8 m, from 110.0 m to 176.8 m. This occurs in a zone of altered hornblende syenite, with numerous veinlets of potassium feldspar as well as potassic altered host rock, and silicification. Fault gouge is extensive in places, hosting cuprite and native copper. No significant copper values are encountered below this point, to the end of the hole at 300 m. The highest gold grades encountered are also from this hole and are associated with higher copper values. Twelve, 2.0 to 3.0-m intervals had gold values ranging from 50 to 105 ppb Au, all within the 66 m section grading 0.13% Cu.

DDH-08-06 (100 m west of DDH-08-05)

Altered syenite occurs to a depth of 91 m, with strong fracturing, crackle breccia and oxidation. The syenite also shows weak propylitization (chlorite>epidote) of mafic grains and as fracture coatings. Alteration within fault zones is typically fracture-controlled manganese oxide, limonite, hematite and chlorite-calcite. Calcite also occurs as interstitial grains and as rims around mafic minerals.

Chalcopyrite is disseminated and also appears to replace hornblende/magnetite, as euhedral grains. Minor native copper is present. Trace pyrite occurs as blebs. Rare 3 to 5 mm quartz veins occur, sometimes rimmed by potassium feldspar in sections that are strongly silicified. Chalcopyrite is often associated with quartz veining.

One 3.0-metre interval (160.8 – 163.8 m) ran 1,191 ppm Cu, with corresponding gold values of < 5 ppb Au.

DDH-08-07 (150 m east of DDH-08-05)
Hornblende syenite with weak to moderate potassic alteration occurs to a depth of 194 m. At greater depths, the syenite becomes more bleached and faulted in various intervals, with the disappearance of primary textures. Mineralization occurs as chalcopyrite and bornite and is associated with locally abundant (stockwork) purple-grey (potassium feldspar?) veinlets and dyklets. These dyklets cut across potassic alteration within the syenites and have no preferred orientation. Rare malachite–cuprite-native copper mineralization occurs on fracture surfaces near fault zones.

From 69 to 102 m, copper grades 0.10% Cu across 33 m. At a depth of 220 m, grades are 0.10% Cu and 27 ppb Au (Fire Assay) across 18.3 m.

8.5 Reclamation

Reclamation at the drill site and along sections of the local trails took place at the conclusion of the drill program and later when it was established that no further exploration was to be done, from July 3 to 7, 2008. A local contractor, Happy Enterprises, was hired to help with the reclamation. Reclamation included re-contouring the drill sites and re-seeding the area with an appropriate seed mix. Local trails that had been accessed were also re-contoured as to conditions prior to disturbance. Core was moved from the rented core logging facility to the Property for storage.

9.0 DISCUSSION and CONCLUSIONS

Reconnaissance drill hole DDH-08-01 in the south of the Property yielded grades of about 0.1% Cu. This suggests that over a large area, intersections of about 0.1% Cu are common. DDH-07-02, 08-03 and 08-04 ended before the targeted depths. Faulting and fractured, broken-up core was encountered in the majority of the holes.

DDH 08-04 to 08 encountered copper mineralization of ≥0.1% Cu. DDH 08-05 and 07 encountered low grade copper mineralization, of 0.13% Cu over 67 m and 0.10% Cu over 33 m, respectively. The grade continued to a depth of about 180 m; however, beyond this point (from 180 to 300 m) the copper grade decreased to <0.1 %. Similar grades were obtained by Brenda Mines; DDH 374-19 in the Rayfield River valley bottom graded about 0.1% copper for a 300-m intersection.

Gold values are generally low, typically less than 10 ppb Au. Gold values are elevated in zones of higher copper grades. Comparison of aqua regia and fire assay techniques shows good correlation (Appendix II).

Copper occurs as and as primary sulphides (chalcopyrite, bornite) and as secondary minerals (native copper, cuprite, malachite). Secondary minerals appear to be associated with fault zones, clay gouge and breccia. The sulphides are interstitial within the syenite and are commonly associated with numerous, narrow potassium feldspar veinlets.

The 2007-2008 drilling program confirms that copper mineralization is present in the area drilled, indicating the presence of a large-scale copper porphyry system; however, overall copper grades remain low at the 0.10-0.15% range, with gold values generally <50 ppb.

A review of the 1989 IP survey was performed by P. Neilsen, geophysicist, in June, 2008, in order to determine whether the 1989, 1990 and 2007-2008 drilling programs adequately explained the 1989 ground IP anomalies (Neilsen, 2008). The following was concluded:

- The effective depth of the geophysical investigation was 125 m
- The geophysical anomalies have been sufficiently tested by drilling both in areal extent and with depth
- There are no trends in the IP chargeability or in the copper grades from drilling that indicate the potential for increasing grades with depth

Based on the last two conclusions, the potential of finding areas of locally higher copper grades is low.

Respectfully submitted,

Original signed by Author

Agnes Koffyberg, P.Geo.
Discovery Consultants
Vernon, BC
September 2, 2008

10.0 REFERENCES

British Columbia Department of Energy, Mines and Petroleum Resources; Annual Reports 1966 – p. 135, 1967 – p. 127, 1968 – p. 159

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Koffyberg, A. (2007b): Assessment Report on the Geochemical Soil Survey and Prospecting - Rock Sampling Program, Rayfield River Property, Clinton Mining Division, BC; *Assessment Report 29538 dated December 31, 2007*

Miles, W.F., Shives, R.B.K., Carson, J., Buckle, J. Dumont, R., and Coyle, M., (2007): Airborne Gamma-ray Spectrometric and Magnetic Surveys over the Bonaparte Lake area (NTS 092P), South Central British Columbia, Geological Fieldwork 2006, Paper 2007-01, p. 375-376

Nielsen, P.P. (2008): Review of I.P. data covering the Rayfield River Property; *Private report for Discovery Consultants, dated June 4, 2008*

Wynne, F.L. (1990a): Assessment Report on Exploration on the Rayfield 1 and 3 Claims, Clinton Mining Division, BC; *Assessment report 19927*

Wynne, F.L. (1990b): Progress Report and Recommended Work, Rayfield Project; *Private report for Brenda Mines Ltd, dated April 8, 1990*

11.0 STATEMENT OF COSTS

Professional Services					
W.R. Gilmour, PGeo					
Supervision, planning, data compilation, report writing					
8.25	days @	$700	per day	$5,775.00	
A. Koffyberg, PGeo					
Permitting, planning, report writing					
1	days @	$625	per day	625.00	
125.5	hrs @	$80.0	per hr	10,040.00	
S. Fraser, P.Geol.	(Dec 01 - 13)				
Drill supervision, core logging					
13	days @	$700	per day	9,100.00	
D. Duba, geologist	(Dec 12 - 21, Jan 10 - Feb 15)				
Drill supervision, core logging					
46.5	days @	$750	per day	34,875.00	
				---	$60,415.00
Personnel					
Field					
Site preparation and supervision					
R. Szalanski	(Nov 27 - Dec 21; Jan 08 - Feb 06)				
51.5	days @	$425	per day	21,887.50	
Core Splitting					
V. Strain	(Dec 01 - Dec 21)				
12.5	days @	$290	per day	3,625.00	
F. Beatty	(Dec 10 - Dec 14)				
4.75	days @	$260	per day	1,235.00	
J. Lindgren	(Jan 11 - Feb 14)				
35	days @	$410	per day	14,350.00	
Reclamation					
R. Szalanski	(July 03 - 06, 2008)				
4	days @	$425	per day	1,700.00	
A. Strain	(July 03 - 07, 2008)				
5	days @	$385	per day	1,925.00	
R. Coslett	(July 03 - 07, 2008)				
5	days @	$360	per day	1,800.00	
				---	46,522.50
Office					
Drafting				4,490.00	
Field Support & Preparation				3,546.00	
Data Compilation				2,475.50	
Secretarial				2,405.50	
				---	12,917.00

Expenses					
Analysis					
Acme Analytical Laboratories					
1. 0.5g aqua regia ICP-MS (1DX)					
572 samples @$13.75/sample			$11,783.20		
2. 30g fire assay (3B)					
574 samples @ $ 13.75			$7,892.50		
3. metallic prep					
18 samples @ $ 9.75			175.50		
4. metallic analyses					
12 Au (3B) @ $13.75			165.00		
6 Cu (7AR) @ $ 10.10			60.60		
5. preparation					
574 samples @ $6.85			3,931.90		
6. overweight prep					
4,006kg @$1.40/kg			5,608.40		
Freight			1,120.52		
			---	30,737.62	
Communications				421.26	
Maps & Publications				56.00	
Equipment Rental				3,099.89	
Field Supplies				4,307.56	
Lodging & Meals				17,181.62	
Office				413.47	
Fees & Dues				18.00	
Sub-Contracting	- Full Force Drilling		333,034.00		
	- Happy Enterprises (site prep, snow removal, water truck etc…)		56,890.45		
	reclamation		3,053.00		
	- Beatty (core facility)		656.50		
	- Bonaparte Indian Band (site assessments)		375.00		
	- Skeetchestn Indian Band Archeology report		1,739.60		
			---	395,748.55	
Fuel for drill				14,921.33	
Warehousing				1,700.00	
Travel				495.01	
Discovery Consultants Management Fee				10,366.38	
				---	479,466.69

					$599,321.19
Transportation					
4x4 trucks	92 days @	$40.0 per day		3,680.00	
Mileage	14,402 km @	0.45 per km		6,480.90	
Rental				325.00	
fuel				3,469.41	
				---	13,955.31

					$613,276.50
Callinan Management Fee	5%				30,663.83

					$643,940.33

12.0 STATEMENT OF QUALIFICATIONS

I, Agnes Koffyberg, PGeo of Discovery Consultants, 201-2928 29th Street, Vernon, BC V1T 5A6

DO HEREBY CERTIFY that:

1. I am a geologist in mineral exploration and am employed by Discovery Consultants, Vernon, BC.

2 I graduated with a B.Sc. degree in combined Geological Sciences/Chemistry from the Brock University in 1987. In addition, I have obtained a M.Sc. in Geology from the University of Alberta in 1994.

3. I am a member of the Association of Professional Engineers and Geoscientists of British Columbia, registration number 31384.

4. I have worked as a geologist for a total of 12 years since graduation from university.

5. This report is based upon knowledge of the Property gained from a review of existing industry and government reports.

Dated this second day of September, 2008 in Vernon, BC

Signature of

Original signed by Author

Agnes Koffyberg, PGeo
Discovery Consultants

APPENDIX I

DRILL LOGS

Hole ID: 784-07-01 **East:** 632198
North: 5685435
Site# T-B-01 **Elev:** 1021.4

DISCOVERY CONSULTANTS
Project: Rayfield River
Client: Callinan Mine
Diamond Drill Hole

Az:
Dip: -90°
Depth: 257.6m
Core Size: NTW

Start Date: 2007.12.07
End Date: 2007.12.11
Geologist: S. Fraser

Primary Interval				Assay Interval			QA/QC	Oxide Facies	Alteration Intensity				Mineralization								Analytical Results			
FROM (m)	TO (m)	LITH CODE	Remarks	From	To	Sample Number	Duplicate / Blank	O/T/S	Biot	Epichl	Kspar	Qtz	Calc	Py %	Py How	Cp %	Cp How	Mg %	Mg How	Min1 Code	Min1 (%)	Sample Wt (kg)	3B Au (ppb)	1DX Au (ppb)	1DX Cu (ppm)
0.0	**20.6**	**CASE**	**CASING/OVERBURDEN**																						
			20.4-20.6 Float																						
20.6	**22.0**	**GDIO**	**GRANODIORITE**			624251	Blank															2.4	<2	<0.5	55
			Granodiorite - Quartz-rich with 20-30% KF, 10-20% Hornblende, med grained, 3-4mm. Much broken core.	20.6	22.0	624252		S														3.0	<2	<0.5	51
			Fractures common throughout this interval with clay @20° TCA. Also 50° and 65° TCA.																						
			Trace PY.																						
			@46.5m Gouge/clay at 55° TCA.																						
22.0	**70.0**	**HSYE**	**HORNBLENDE SYENITE**	22.0	24.0	624253		S														4.6	<2	0.7	27
			Orange to tan, fine to medium grained. HB grains partially altered to chlorite.																						
			Fractures are common throughout this interval. Weak argillic alteration.																						
			22.0-23.35 Predominantly broken core with clay filled fractures, dominant 40° TCA.																						
			22.9-23.35 Highly broken and clay altered (surface weathering?). Fractures are sub-parallel to CA.	24.0	26.0	624254		S														5.2	2	<0.5	22
				26.0	28.0	624255		S														5.1	2	<0.5	75
				28.0	30.0	624256		S														3.8	2	0.7	84
			@23.77m Clay-filled fractures at 60° TCA.	30.0	32.0	624257		S														5.4	6	0.5	45
			@23.9m Clay-filled fractures at 35° TCA.	32.0	34.0	624258		S														6.0	5	6.5	25
			24.55-25.0 Brecciated section.																						
			@26.6m Fracture with jarosite? at 55° TCA.	34.0	36.6	624259		S														3.4	<2	0.8	28
			@31.1m Fracturing with 3mm clay at 42° TCA.																						
			34.75-36.58 Mainly broken core and clay-filled fractures subparallel to 25° to CA.	34.0	36.6	624260	Duplicate	S														3.1	7	5.0	21
				36.6	38.3	624261		S														5.2	<2	1.2	29
			40.0-45.72 Increase in silica content and less clay altered.	38.3	40.0	624262		S														4.9	<2	<0.5	28
				40.0	43.0	624263		S														7.8	9	<0.5	23
			43.0-44.9 Gradational increase in silica.	43.0	45.7	624264		S														6.4	<2	<0.5	25
			@45.72m Fractures with chlorite at 10° TCA.																						
			45.72-48.37 Clay altered syenite. Tan coloured, fine grained, highly fractured with variable fracture attitude, subparallel to steep angle to CA.	45.7	48.4	624265		S														6.6	2	2.4	32
			48.37-54.33 Very coarse grained syenite, 15% Plag, 70% KF and 15% HB, altered to chlorite. Clay altered.																						
			Upper contact at 60° TCA. At 48.65m fracture with clay at 40° TCA.	48.4	54.3	624266		S														7.4	<2	0.9	63
			54.33-70.5 Syenite, tan to light brown, medium grained, 70% KF, 10-15% Qtz. Appears fresh, unaltered.	54.3	61.0	624267		S														6.7	<2	0.6	47
				61.0	65.0	624268		S														4.6	<2	<0.5	90
				65.0	70.1	624269		S														6.0	<2	1.1	71
			@62.9m fracture wit 5mm gouge at 40° TCA.																						
			@66.35m Main fractures at 20° TCA.																						

Primary Interval				Assay Interval			QA/QC	Oxide Facies	Alteration Intensity					Mineralization								Analytical Results			
FROM (m)	TO (m)	LITH CODE	Remarks	From	To	Sample Number	Duplicate / Blank	O/T/S	Biot	Epichl	Kspar	Qtz	Calc	Py %	Py How	Cp %	Cp How	Mg %	Mg How	Min1 Code	Min1 (%)	Sample Wt (kg)	3B Au (ppb)	1DX Au (ppb)	1DX Cu (ppm)
			Competent rocks to 77.5m.																						
70.0	**86.3**	**DIOR**	**DIORITE**	70.1	76.2	624270		S														6.9	12	8.6	668
			Upper contact at 85° TCA. Diorite with 3-4% disseminated epidote. Highly magnetic, 15-20% magnetite, disseminated throughout.																						
			Weak propylitization, mafic crystals altered to chlorite.	76.2	82.5	624271		S														6.3	17	8.4	568
			Dark grey to green black hornblende, increasing epidote content.																						
			@81.05m Fracture at 20° TCA.																						
			82.45-86.25 Intermixed diorite with medium grained cg syenite. Variable contacts, generally 60° TCA.	82.5	86.3	624272		S														6.4	4	3.0	201
			@83.35m fault with slickensides at 40° TCA.																						
86.3	**92.1**	**SYEN**	**SYENITE**	86.3	92.1	624273		S														7.0	5	1.9	352
			Syenite, orange to tan coloured, fine to medium grained. Competent rock. Weak chlorite alteration of hornblende. Healed fractures at 30 TCA. At 89.9m fracture at 30° TCA with 3mm gouge.																						
			92.1-95.3 Intermixed diorite and fine grained syenite.																						
			@91.9m Fracture subparallel to CA; 3mm clay gouge.																						
92.1	**100.9**	**SYEN**	**SYENITE**	92.1	95.3	624274		S								0.01	VN					8.1	24	9.9	1050
			As above. Medium to locally coarse grained, orange coloured, fresh.			624275	blank															2.3	<2	0.7	60
			@97.9m fracture at 15° TCA. Minor healed fractures 30-50° TCA (calcite filled).	95.3	97.3	624276		S														5.2	<2	0.8	37
			99.75-100.4 Broken core, chloritized fractures at 15-20° TCA.	97.3	99.5	624277		S														5.7	<2	<0.5	87
				99.5	100.9	624278		S														3.7	<2	<0.5	23
100.9	**129.3**	**DIOR**	**DIORITE**	100.9	103.6	624279		S								0.01	IN					8.2	3	5.9	456
			Fine grained, grey to grey-green with disseminated epidote as halos along qtz-calc filled fractures.	103.6	105.0	624280		S														4.2	<2	1.9	63
			@94.27 Fracture with hematite at 40° TCA.																						
			93.2-95.3 Late hydrothermal veining cutting diorite host. Locally with minor CP. Presence of cg biotite blebs, to 1cm.																						
			@103.05m trace CP along fractures.	105.0	106.7	624281		S														5.0	<2	0.8	101
			@105.4m Fractures at 15° TCA, 1-2mm clay.	106.7	109.0	624282		S														5.8	15	3.2	559
			@110.7m 2.5cm qtz-carbonate fractures with epidote at 15° TCA.	109.0	111.0	624283		S														5.4	<2	1.8	98
			112.3-112.5 Potassic rich xenolith with epidotized halo.	111.0	113.0	624284		S														5.6	4	0.8	204
				113.0	115.0	624285		S														6.8	<2	1.3	131
			@113.7m Shear at 35° TCA with slickensides.																						
			120.1-123.4 Porphyritic Diorite. Medium to coarse grained, dark grey to black with 0.3-1.0cm	115.0	117.5	624286		S														6.5	2	2.1	233
				117.5	120.1	624287		S														7.7	2	1.9	126

Primary Interval				Assay Interval			QA/QC	Oxide Facies	Alteration Intensity					Mineralization								Analytical Results			
FROM (m)	TO (m)	LITH CODE	Remarks	From	To	Sample Number	Duplicate / Blank	O/T/S	Biot	Epichl	Kspar	Qtz	Calc	Py %	Py How	Cp %	Cp How	Mg %	Mg How	Min1 Code	Min1 (%)	Sample Wt (kg)	3B Au (ppb)	1DX Au (ppb)	1DX Cu (ppm)
			clots of plagioclase rich aggregates.	120.1	122.0	624288		S														6.4	5	6.6	189
			123.44-126.1 Silicified and bleached diorite(?)	122.0	123.4	624289		S														4.2	4	4.9	152
			with strong chloritization and epidote. To 0.2%	123.4	125.0	624290		S		2		2				0.2	DI					5.5	4	2.5	719
			CP DI.	125.0	126.1	624291		S														3.5	16	12.3	870
			126.1-129.3 Diorite, fine to medium grained,	126.1	129.3	624292		S		2												9.5	5	3.9	259
			weak propylitization.																						
			Lower contact @ 45° TCA.																						
			@127.25m chloritized fractures at 27° TCA.																						
129.3	**131.5**	**SYEN**	**SYENITE**	129.3	131.5	624293		S														6.3	<2	2.2	35
			Syenite, orange coloured, potassic rich. Minor																						
			ankerite veining.																						
			@130.0m minor hematite along fractures.																						
131.5	**135.1**	**DISY**	**DIORITE, LESSER SYENITE**	131.5	133.0	624294		S						0.01	DI	0.01	DI					4.1	5	2.9	401
			Intermixed diorite with lesser medium grained	133.0	135.1	624295		S						0.01	DI	0.01	DI					6.7	2	1.7	72
			syenite. Minor CP and PY. Late hydrothermal																						
			veining.																						
			131.55-131.75 Secondary biotite noted.																						
135.1	**160.7**	**DIOR**	**DIORITE**	135.1	137.0	624296		S														5.8	4	4.6	213
			Diorite is fine grained, grey black. Variable	137.0	139.0	624297		S														6.3	4	1.9	161
			epidotization.	139.0	141.0	624298		S														5.9	3	2.7	171
			138.2-145.55 Grey black clots, irregularly shaped	141.0	143.0	624299		S														7.3	3	4.1	79
			and silicified fragments, up to 5cm, (xenoliths?)	141.0	143.0	624300	Duplicate	S														7.4	4	0.9	70
			with grey quartz eyes and fine grained biotite.	143.0	145.0	624301		S														6.1	3	4.2	154
			Possible alteration suggested by Dasha D.	145.0	147.0	624302		S														5.0	2	0.9	55
				147.0	149.0	624303		S														6.7	<2	1.1	101
			152.2-153.3 Potassic stringers, subparallel to 30°	149.0	151.0	624304		S														6.2	6	1.9	256
			TCA within the diorite host. Calcite stringers 2-	151.0	153.0	624305		S														5.4	3	0.6	209
			3mm thickness, subparallel to CA.																						
			153.3-155.4 Hematite on fractures is common.	153.0	155.0	624306		S														5.5	4	1.1	163
			145.55-157.9 Weak chloritization.																						
			157.9-159. Increased chloritization associated	155.0	157.0	624307		S														4.3	3	14.0	157
			with healed shears at 40° TCA.																						
			@159.3m Trace CP along potassically altered																						
			late hydrothermal vein.	157.0	159.0	624308		S														6.3	<2	5.6	162
			160.0-160.65 Syenite at 60° TCA as xenolith(?).	159.0	161.0	624309		S								0.01	DI					5.2	3	3.3	139
160.7	**176.1**	**DIOR**	**STRONGLY CL-EP ALTERED, BX DIORITE**	161.0	163.0	624310		S		3												8.1	3	2.0	239
			Strongly chlorite-epidote altered, brecciated																						
			diorite. Lesser magnetite, in part altered(?) to																						
			hematite. Abundant minor fractures (healed)	163.0	165.0	624311		S														5.7	7	1.5	243
			throughout.																						
			160.95-161.55 Strongly chloritized shear zone at																						
			25 TCA.																						
			@162.2m Shear at 30° to CA (2 cm wide).																						
			165.55-165.65, 165.8-165.85 and 166.2-166.3	165.0	167.0	624312		S														6.2	14	6.5	527
			Late hydrothermal veining with minor CP and or																						
			trace PY.																						
			168.0-169.3 Strongly brecciated diorite with	167.0	169.3	624313		S														6.6	2	1.8	121
			locally strong chloritization. Lower contact at 20°	169.3	171.0	624314		S														5.9	5	2.5	181

Primary Interval				Assay Interval			QA/QC	Oxide Facies	Alteration Intensity					Mineralization								Analytical Results			
FROM (m)	TO (m)	LITH CODE	Remarks	From	To	Sample Number	Duplicate / Blank	O/T/S	Biot	Epichl	Kspar	Qtz	Calc	Py %	Py How	Cp %	Cp How	Mg %	Mg How	Min1 Code	Min1 (%)	Sample Wt (kg)	3B Au (ppb)	1DX Au (ppb)	1DX Cu (ppm)
			to CA.	171.0	172.9	624315		S														6.6	3	0.6	412
			@171.7m Fractures at 20° TCA.																						
			172.98-173.1 Mafic dyke(?). Upper contact at 80° TCA.	172.9	175.5	624316		S														6.7	3	2.1	85
			174.95-176.0 More potassic-rich syenite section with very abundant micro-fracturing and sheared lower and upper contacts at 40° TCA.	175.5	176.0	624317		S														3.5	<2	<0.5	152
176.1	**209.2**	**DIOR**	**DIORITE/QUARTZ DIORITE**	176.0	178.0	624318		S														5.8	5	3.1	450
			Medium grained to black diorite to quartz diorite.	178.0	180.0	624319		S														6.1	4	1.4	85
			Hornblende grains 1-5mm, mainly altered to	180.0	181.5	624320		S														5.1	2	1.8	118
			chlorite. 8-10% MG.	181.5	183.2	624321		S														6.3	3	2.4	92
			Minor fracturing throughout this interval.	183.2	185.0	624322		S														6.6	<2	2.9	212
			Minor hydrothermal mineralization along late	185.0	187.5	624323		S														9.3	<2	0.6	114
			hydrothermal veining.	187.5	190.0	624324		S														9.1	6	2.6	335
			@176.7m cg CP along potassic-rich stringer																						
			vein.			624325	blank															2.4	<2	<0.5	67
			@183.95 probable bornite(?) with HM along	190.0	192.5	624326		S														9.4	5	1.6	79
			fractures.	192.5	195.0	624327																8.8	<2	1.4	73
			@189.1m bleb of CP (0.5cm in dia) in pink KF-	195.0	197.5	624328		S														9.0	2	3.2	414
			qtz-magnetite vein.	197.5	200.0	624329		S														8.8	2	1.5	89
			183.2-209.2 Diorite with grey-black biotite rich	200.0	202.5	624330		S														8.8	3	<0.5	88
			clots and chlorite altered HB, as noted above	202.5	205.0	624331		S														8.8	4	1.6	112
			from 138.2-145.5m.	205.0	207.5	624332		S														8.4	3	1.3	111
209.2	**257.6**	**DIOR**	**DIORITE BRECCIA, LESSER DIORITE**	207.5	210.0	624333		S														8.9	3	0.5	77
			Moderately to strongly brecciated diorite.																						
			Medium green, mg, to 20% chloritized tabular HB																						
			(1-3mm) and 1-3% black, fg magnetite (+/-																						
			biotite?) aggregates, up 1-2cm in dia.																						
			Moderately magnetic, 3-5%, as fg DI and blebs.																						
			Most of this interval consists of crackle breccia																						
			and breccia with subround fragments of altered																						
			diorite in a diorite matrix.																						
			Pervasive weak to lesser moderate																						
			propylitization; replacement of mafic minerals																						
			and interstitial fill by CL>EP-CA. Locally strong,																						
			pervasive EP (<0.5m widths).																						
			Variable silicification, mostly weak, and minor																						
			quartz veining.																						
			Crackle breccia is healed by CL+/-CA>EP.																						
			Rare fg PY DI (trace).																						
			Pink to orange-pink KF-quartz-minor HB-																						
			magnetite+/-EP pegmatite veining and patchy																						
			alteration in brecciated zones.																						
			Weak calcite as late, HL to 1-2mm veinlets,																						
			typically randomly oriented.																						
			209.7-210.6 Several mottled pink and light grey,	210.0	212.5	624334		S														6.4	6	1.9	167
			fractured, HM stained, pink-red KF>quartz-MG																						
			veins, to 2.5 cm wide, 30° to 80° TCA in a																						
			diorite crackle breccia.																						
			210.6-214.3 Occasional to 1.5-3mm pink KF (HM	212.5	215.0	624335		S														9.9	3	1.0	139

Primary Interval				Assay Interval			QA/QC	Oxide Facies	Alteration Intensity					Mineralization								Analytical Results			
FROM (m)	TO (m)	LITH CODE	Remarks	From	To	Sample Number	Duplicate / Blank	O/T/S	Biot	Epichl	Kspar	Qtz	Calc	Py %	Py How	Cp %	Cp How	Mg %	Mg How	Min1 Code	Min1 (%)	Sample Wt (kg)	3B Au (ppb)	1DX Au (ppb)	1DX Cu (ppm)
			staining?)-QZ-MG+/-EP veinlets, 40°- 80° TCA. Patchy and pervasive EP in selvages of veins. Minor late calcite veinlets.																						
			214.3-214.8 Strong pervasive, matrix and fragment replacement by epidote>calcite.																						
			215.0-218.1 Mottled pink, green and light grey diorite breccia with partially obliterated primary textures by brecciation and alteration. Subangular weakly to strongly altered fragments in a matrix of similar composition and alteration.	215.0	217.0	624336		S														6.1	<2	<0.5	170
			Weak pink KF patchy alteration. Moderate epidote-chlorite-calcite as patchy and pervasive matrix and fragment replacement. Also EP-CL-CA fracture-controlled veins. Trace PY specks.	217.0	219.0	624337		S														6.7	<2	1.4	71
			Below 217.0m, more common calcite veinlets, to 1-3mm, subparallel to 30° TCA.																						
			218.2-221.1 Crackle breccia to massive diorite. Occasional dark green, MG+/-biotite(?) clots. EP on fractures.	219.0	221.0	624338		S														7.2	2	1.0	88
				221.0	223.0	624339		S														6.7	2	0.5	73
				223.0	225.0	624340		S														6.8	2	1.0	88
			Below 225.0m increased intensity of brecciation, crackle breccia and breccia with diorite clasts in a dioritic matrix.	225.0	227.0	624341		S														7.8	2	<0.5	84
				227.0	229.5	624342		S														8.2	2	1.2	86
			230.0-230.6 Narrow fault zone with 3cm wide light grey, calcerous clay gouge, 25° TCA.	229.5	232.0	624343		S														8.1	<2	0.9	127
			230.6-234.5 Mottled medium to light grey to pistachio green and pink-red, variably altered diorite breccia.	232.0	234.5	624344		S								0.01	DI					8.7	2	<0.5	123
			Moderate propylitization (CL-EP-CA), as patches and fracture-controlled veining. Weak KF alteration as patches and minor narrow veins +/-qtz-MG/HM+/-EP. Argillized feldspars. Weakly magnetic. Late QZ-CA+/-HM veinlets, variable orientations.	234.5	237.0	624345		S														9.0	<2	0.6	53
			237.4-239.0 Pervasive silicification as interstitial replacement. Patchy KF alteration+/-EP with associated trace specks of vfg CP. CL+/-CA and HM on fractures, typically random. To 1-3% MG.	237.0	239.6	624346		S														8.6	<2	0.8	70
			239.0-239.6 HB>plag>QZ-MG pegmatite. Strong pervasive epidotization (239-239.1m). To 1% red HM(?), specks and minor coating on fractures.	239.6	242.0	624347		S														8.7	<2	0.6	59
			242.7-242.85 orange-pink KF-HB-EP coarse grained veins and patches. Vein, to 1cm, 35° TCA.	242.0	244.5	624348		S														9.5	<2	0.9	49
			244.2-245.2 Mostly leucocratic pegmatite vein (>80%). It consists of orange-pink KF-QZ>HB (<3%)-EP-MG. UC is sharp and LC jagged, trending at 25-30° TCA. KF crystals growth is perpendicular to contacts.	244.5	247.0	624349		S														8.7	3	1.8	210
				244.5	247.0	624350	duplicate	S														10.3	<2	0.6	5

Primary Interval				Assay Interval			QA/QC	Oxide Facies	Alteration Intensity					Mineralization								Analytical Results			
FROM (m)	TO (m)	LITH CODE	Remarks	From	To	Sample Number	Duplicate / Blank	O/T/S	Biot	Epichl	Kspar	Qtz	Calc	Py %	Py How	Cp %	Cp How	Mg %	Mg How	Min1 Code	Min1 (%)	Sample Wt (kg)	3B Au (ppb)	1DX Au (ppb)	1DX Cu (ppm)
			247.3-247.65 Patches of medium grained and pegmatitic KF>QZ-HB-MG. Irregular contacts.	247.0	249.5	624351		S														8.5	<2	0.8	85
			250.2-251.0 Poorly competent, broken up interval.	249.5	252.5	624352		S														10.5	<2	0.6	45
			251.6-252.65 Very cg, orange-pink KF-pale yellow green medium grain, epidotized diorite(?) vein(?) or alteration zone, subparallel TCA. Diffused contact with weakly propylitized diorite.																						
			@253.5m to 3.5cm, light grey QZ vein w/<5% orange KF in selvages. Undulating contacts at approx 60° TCA.	252.5	255.0	624353		S														8.2	<2	0.6	67
			@255.5m <1cm QZ-CA>HM vein, 40° TCA. Epidotized host diorite straddling this vein, <5cm widths.	255.0	257.6	624354		S														9.3	2	<0.5	106
257.6			**EOH**																						

Hole ID: 784-07-02 **East:** 632198
North: 5685435
Site# T-D-01 **Elev:** 917.23

DISCOVERY CONSULTANTS
Project: Rayfield River
Client: Callinan Mine
Diamond Drill Hole

Az: 180°
Dip: -50°
Depth: 143.9m
Core Size: NTW

Start Date: 2007.12.15
End Date: 2008.01.09
Geologist: D. Duba

Primary Interval				Assay Interval		QA/QC	Oxide Facies	Alteration Intensity				Mineralization								Analytical Results			
FROM (m)	TO (m)	LITH CODE	Remarks	From	To	Sample Number	Duplicate / Blank	O/T/S	Biot	Epichl	Kspar	Qtz	Calc	Py %	Py How	Cp %	Cp How	Mg %	Mg How	Min1 Code	Min1 (%)	Sample Wt (kg)	3B Au (ppb)	1DX Au (ppb)	1DX Cu (ppm)
0.0	**4.8**	**CASE**	**CASING/OVERBURDEN**																						
4.8	**7.6**	**SYEN**	**SYENITE**																						
			Grey, medium to coarse grained syenite,			624355	Blank															2.4	<2	1.2	22
			possibly granodiorite(?). It consists of <10%	4.8	7.6	624356		T		1			1									8.1	<2	1.4	61
			qtz, 80% feldspars with about 35% pale grey																						
			plag laths and lesser clusters, 1-3cm in																						
			diameter (plag-Kspar-quartz) and <10% dark																						
			grey-green subhdedral HB, 1-3mm crystals>																						
			larger clusters.																						
			Relatively fresh. Weakly chloritized HB.																						
			Weak limonite and light grey clay on fractures.																						
7.6	**39.5**	**SYEN**	**FAULT ZONE/ALTERED SYENITE**																						
			Strongly broken up and crushed core. Fault	7.6	13.7	624357		T					2									1.5	<2	0.5	69
			zone. Crumbly sections(>75% of this interval)																						
			with strong, light rusty-grey, weakly calcareous																						
			clay gouge.																						
			Light grey/creamy to medium grey, locally	13.7	22.9	624358		T					2									2.8	<2	<0.5	65
			mottled rusty yellow, medium grained,																						
			leucocratic syenite? Rare to absent mafic																						
			minerals.	22.9	27.4	624359		T					2									2.6	<2	0.8	56
			Moderate to strong bleaching obliterating																						
			primary textures. Pervasive strong argillization.																						
			Possibly weak potassic alteration(?),	27.4	29.4	624360		T					2									2.8	<2	<0.5	140
			secondary KF replacement of feldspars.																						
			Rare fracture-controlled EP.																						
			To 1-2% hematite specks and clusters and	29.4	32.0	624361		T					2									3.9	<2	0.8	93
			black specular hematite, <1mm DI. Also HM																						
			coating fracture surfaces.																						
			Overall very poor core recovery, <40% on	32.0	39.5	624362		T		1			2									3.1	<2	<0.5	114
			average. Also very low RQD, commonly zero																						
			percent.																						
39.5	**45.6**	**SYEN**	**ALTERED, LEUCOCRATIC SYENITE**																						
			Similar to above syenite but more coherent.	39.5	41.1	624363		T			2		1									3.5	<2	<0.5	227
			Bleached to pale creamy grey to pale pink,	41.1	45.6	624364		T			2		1									5.1	<2	<0.5	119
			leucocratic. Partially obliterated primary																						
			textures. Moderate to strong argillization of																						
			feldspars.																						
			To 2% hematite clusters, <2-5mm.																						
			Weakly calcareous, mostly as HL fracture																						
			Common limonite staining on fracture surfaces.																						
45.6	**51.8**	**SYEN**	**FAULT ZONE/WEAKLY MINERALIZED SYENITE**																						
			Similar to 7.6-39.5m. Heavily broken-up,	45.6	48.9	624365		T			2		1									2.4	<2	<0.5	29

Primary Interval				Assay Interval			QA/QC	Oxide Facies	Alteration Intensity					Mineralization							Analytical Results			
FROM (m)	TO (m)	LITH CODE	Remarks	From	To	Sample Number	Duplicate / Blank	O/T/S	Biot	Epichl	Kspar	Qtz	Calc	Py %	Py How	Cp %	Cp How	Mg %	Mg How	Min1 Code	Min1 (%)	Sample Wt (kg)	3B Au (ppb)	1DX Au (ppb)	1DX Cu (ppm)
			faulted and altered/mineralized syenite. Weak to moderate, pervasive potassic alteration(?) as pale pink, secondary(?) KF replacement. Some of the pinkish orange is due to widespread hematization.	48.9	51.8	624366		T			3		1			0.01	BB			MA	0.3	4.1	<2	0.5	102
			Most of this interval consists of crumbly rock with strong pale grey, weakly calcareous clay gouge. Similarly to above poor core recovery and low RQD.																					
			Weak, <0.3% malachite blebs and coating on fractures. Extremely rare CP blebs (trace).																					
			To 1-2% HM DI and clusters.																					
51.8	**71.4**	**SYEN**	**FRACTURED AND KF(?) ALTERED LEUCOCRATIC SYENITE**																					
			Similar to 45.6-51.8 but more coherent, however, strongly fractured, mottled pale pinkish grey to medium pink-orange, leucocratic, medium grained syenite. Overall, poorly competent and crumbly rock over about 50% of this interval. From 51.8 to 53.34 m recovery is ~52% and low RQD.	51.8	54.8	624367		T		1	2		1									6.7	<2	1.0	23
				54.8	56.8	624368		T		1	2		1									5.6	<2	<0.5	22
			Partially obliterated primary textures. Leucocratic, minor mafic minerals, to ~3% chloritized HB.	56.8	58.8	624369		T		2	2		1									5.0	<2	<0.5	51
				58.8	60.8	624370		T		2	2		1									6.2	<2	0.5	31
			Strong fracturing with variable fracture orientations. Locally common trends are: 40-45º and 70-80º TCA.	60.8	62.8	624371		T		2	2		1									5.3	<2	1.7	126
			Not certain about potassic alteration. Weak to moderate, pervasive, secondary KF replacement? Some of the pinkish orange colouration is a product of iron oxidation, hematization and limonitization.	62.8	64.8	624372		T		2	2		2									5.8	<2	<0.5	34
			Moderately sericitized/argillized(?) feldspars. Below 64.0m, localized pervasive silicification. Weak fracture-controlled epidote and calcite.	64.8	66.8	624373		T		2	2	2	1									5.9	<2	<0.5	34
			To 2-3% specular hematite clusters and crystals. Lesser red HM and rusty yellow limonite on fractures.	66.8	68.8	624374		T		2	3	2	1	0.01	SP							5.8	<2	<0.5	34
						624375	Blank															3.3	2	1.0	23
			Rare fg specks of PY.	68.8	71.4	624376		T		2	3		1									6.5	<2	<0.5	29
71.4	**73.4**	**SYEN**	**FAULT ZONE/ALTERED SYENITE**																					
			Faulted and moderately altered leucocratic syenite. Similar to the above syenite (51.8-71.4m).	71.4	73.4	624377		S		1	2		3									5.8	<2	0.5	21
			Most of this section consists of crumbly core with strong clay gouge.																					
			Weakly potassically altered, a pervasive KF replacement(?) Sericitized feldspars.																					
			HM and lesser EP on fractures.																					

Primary Interval				Assay Interval			QA/QC	Oxide Facies	Alteration Intensity					Mineralization								Analytical Results			
FROM (m)	TO (m)	LITH CODE	Remarks	From	To	Sample Number	Duplicate / Blank	O/T/S	Biot	Epichl	Kspar	Qtz	Calc	Py %	Py How	Cp %	Cp How	Mg %	Mg How	Min1 Code	Min1 (%)	Sample Wt (kg)	3B Au (ppb)	1DX Au (ppb)	1DX Cu (ppm)
73.4	**85.4**	**SYEN**	**FRACTURED/ALTERED SYENITE (GRANODIORITE?)**							1	1		2												
			Similar to 51.8-71.4m, intensely fractured, medium grained, mottled medium grey and creamy to pink-orange syenite (granodiorite?).	73.4	75.4	624378		S														5.1	<2	<0.5	48
			Poorly competent, heavily fractured, broken-up and locally crumbly core, >75% of this interval.	75.4	78.0	624379		S		1	1		2									8.1	<2	<0.5	34
			Fault zone?	78.0	80.0	624380		S		1	1		2									4.8	4	<0.5	42
			High density of dominantly random fracturing, typically >8-10/10cm widths.																						
			Leucocratic, minor HB crystals and lesser clusters, appear to be replaced by HM.	80.0	82.0	624381		S		1	1		2									5.8	2	1.5	114
			Not certain if potassically altered. If yes, it is weak and pervasive replacement.																						
			Variable fracture-controlled and blebby (in clusters) HM, 1 to 3%, locally to 5%. Lesser limonite.	82.0	84.0	624382		S		1	1		2									5.3	2	0.8	76
			Locally, black Mn-oxide on fractures.																						
85.4	**91.0**	**SYEN**	**FAULT ZONE/ALTERED SYENITE**																						
			Similar to above, 7.6-39.5m. Extremely fractured/faulted, poorly competent, crumbly, creamy to pale pink-orange syenite. Strong pale grey, weakly/moderately calcareous clay gouge.	84.0	86.0	624383		S		1	1		2									5.9	2	<0.5	38
				86.0	88.0	624384		S		1	1		2									4.6	<2	6.1	76
			Pervasive argillization. Weak potassic alteration(?).	88.0	91.0	624385		S		1	1		2									8.0	<2	<0.5	49
			Weak EP and red HM coating on fractures.																						
91.0	**101.4**	**SYEN**	**WEAKLY ALTERED SYENITE**																						
			More coherent, medium grey to mottled light orange-pink (HM and or/KF?), medium grained syenite (possibly granodiorite?)	91.0	93.0	624386		S		1			1									5.6	3	0.6	40
			Mineralogy: <10% quartz, ~75% KF and plagioclase, 10% dark green, chloritized HB as subhedral crystals (1-3mm) and clusters. Some of HB-rich clusters are to 3 cm in dia. consisting of intergrowth of HB-QZ-plag. To 2-3% specularite, as <1mm specks and clusters, replacing HB.	93.0	95.0	624387		S		1			1									5.7	<2	2.0	57
				95.0	97.6	624388		S		1			1									7.7	4	1.9	72
			Weak fracture-controlled epidote. Weak calcite in form of HL veinlets, commonly 20º, 45º and 60º to CA. Latter to 1-2mm and associated with EP and clay. Also random veining.	97.6	100.6	624389		S		1			1									8.8	4	1.1	48
			Patchy, mottled pink-orange narrow sections of hematite staining centered on fractures. Also pale rusty-yellow specks and blotches after HM, possibly PY?	100.6	103.6	624390		S		1			2									6.9	<2	0.7	43
			93.8-94.0 Coarse grained, pink-grey and creamy intergrowth of KF(?) and CA>interstitial fg specular HM. Gradational contact with the																						

Primary Interval				Assay Interval			QA/QC	Oxide Facies	Alteration Intensity					Mineralization								Analytical Results			
FROM (m)	TO (m)	LITH CODE	Remarks	From	To	Sample Number	Duplicate / Blank	O/T/S	Biot	Epichl	Kspar	Qtz	Calc	Py %	Py How	Cp %	Cp How	Mg %	Mg How	Min1 Code	Min1 (%)	Sample Wt (kg)	3B Au (ppb)	1DX Au (ppb)	1DX Cu (ppm)
			host granodiorite.																						
			Minor ochre yellow limonite.																						
101.4	**110.7**	**SYEN**	**FAULT ZONE/ALTERED SYENITE**																						
			Similar to 95.4-91.0m. Extremely blocky and	103.6	106.6	624391		S					2									8.2	<2	0.6	93
			calcareous clay gouge.	106.6	110.7	624392		S					2									8.2	<2	0.5	43
			Moderate argillization, sericitized feldspars.																						
			Host is medium grey, medium grained syenite,																						
			similar to the above lithologies.																						
			Weak patches of light orange staining after																						
110.7	**143.9**	**SYEN**	**WEAKLY ALTERED, LEUCOCRATIC SYENITE**																						
			Similar to 91.0-101.4m, weakly altered,	110.7	113.0	624393		S					1									7.1	2	1.2	37
			leucocratic syenite. More coherent than above																						
			(101.4-110.7m), however, about 60% of this																						
			interval consists of soft, crumbly core with a																						
			pale grey, weakly calcareous clay gouge.																						
			Clusters of pale grey feldspars (plag?) that is																						
			strongly sercitized(?)/argillized and crumbles.																						
			Medium grained, medium grey with mottled	113.0	115.5	624394		S					1									7.4	5	0.6	46
			pinkish orange patches, after hematite(?).																						
			Generally <5 to 8% interstitial chloritized HB																						
			and HB clusters, latter <0.5 to 1-2cm.																						
			Chloritization is restricted to alteration of mafic																						
			minerals (HB)/rare to absent epidote.																						
			Sericitized and argillized feldspars.	115.5	118.0	624395		S					1									7.7	2	0.6	48
			Overall weak calcite, dominantly as HL to																						
			<1mm veinlets, +/-sericite+/-clay.																						
			Specular hematite, 3-4%, forms <1mm																						
			euhedral/subhedral disseminations and larger																						
			clusters (some after HB). Locally reddish																						
			brown halos around small HM specks. Also																						
			orange-pink patches and mottling centered on																						
			fractures throughout this interval.																						
			Hematization?																						
			Generally strongly fractured with fracture																						
			density >5-8/10cm on average. Common																						
			fracture orientations are: wavy sub-parallel to																						
			CA (0º), 20-30º, 45º and 70º TCA. Also many																						
			fractures are randomly oriented.																						
			117-118.4 Mostly soft and crumbly core.	118.0	120.5	624396		S					1									4.6	<2	0.5	68
			121.4-121.9 Crumbly core with strong clay	120.5	123.0	624397		S		1			2									9.4	<2	1.6	88
			gouge. Minor red-brown HM, to 2mm veinlets,																						
			25 TCA.																						
			122-123 Poorly competent, extensively																						
			fractured section. Fractures at 0-10º and 50º to																						
			CA. Calcite-clay>HM filling.																						
			123-124.5 Extensively fractured, orange-pink,	123.0	125.5	624398		S					1									7.2	<2	<0.5	61
			strongly HM and KF(?) altered interval.																						
			Reddish brown HM coating numerous,																						

Primary Interval				Assay Interval			QA/QC	Oxide Facies	Alteration Intensity					Mineralization								Analytical Results			
FROM (m)	TO (m)	LITH CODE	Remarks	From	To	Sample Number	Duplicate / Blank	O/T/S	Biot	Epichl	Kspar	Qtz	Calc	Py %	Py How	Cp %	Cp How	Mg %	Mg How	Min1 Code	Min1 (%)	Sample Wt (kg)	3B Au (ppb)	1DX Au (ppb)	1DX Cu (ppm)
			slickensided fractures. Dominant fracture orientations are: 0º, 25º, 45º and 60º TCA.	125.5	128.0	624399		S					1									7.6	<2	0.7	33
			125.1-129.5 Mostly soft and crumbly rock. Minor patches of pink-orange staining after hematite. Rare to 2-3mm wide, 25º TCA, HM-clay veining.	125.5	128.0	624400	Duplicate	S					1									7.5	2	<0.5	30
				128.0	131.0	624401		S		1			1									7.1	2	0.7	45
			Minor CL as replacement of mafic minerals (HB, <3%) and coating on fracture surfaces.																						
			131-135.1 Very soft and crumbly rock. Occasional hematite-light grey clay, to 2mm wide veinlets, 10-25º TCA.	131.0	134.0	624402		S		1			1									9.6	<2	<0.5	84
			135.1-135.5 Orange-pink, KF altered(?) and/or hematized(?) granodiorite with 2-3% specular hematite DI and clusters (>0.5cm in dia.). Some appear to be ghosts of HB replaced by specularite/HM. Slickensided fractures coated by brick red hematite.	134.0	137.0	624403		S		1			1									7.2	92	<0.5	68
				137.0	139.0	624404		S		1			1									6.0	<2	0.5	43
				139.0	141.0	624405		S		1			1									6.3	<2	0.7	43
			Below 137.0m, common patchy, orange-pink staining centered on fractures, hematization?																						
			Hematite and locally chlorite on fracture surfaces, commonly 20-30º TCA. Weak																						
			141.8-143.8 Broken-up core with common crumbly sections and clay gouge.	141.0	143.9	624406		S		1			1									7.2	5	<0.5	54
143.9			**EOH**																						
			The hole was lost at 143.9m in heavily broken up/crumbly rock (proposed TD=450m).																						

Hole ID: 784-08-03 **East:** 632228
North: 5685879
Site# T-G-02 **Elev:** 949.04

DISCOVERY CONSULTANTS
Project: Rayfield River
Client: Callinan Mine
Diamond Drill Hole

Az: 360°
Dip: -70°
Depth: 44.2m
Core Size: NTW

Start Date: 2008.01.10
End Date: 2008.01.11
Geologist: D. Duba

Primary Interval				Assay Interval			QA/QC	Oxide Facies	Alteration Intensity				Mineralization								Analytical Results			
FROM (m)	TO (m)	LITH CODE	Remarks	From	To	Sample Number	Duplicate / Blank	O/T/S	Biot	Epichl	Kspar	Qtz	Calc	Py %	Py How	Cp %	Cp How	Mg %	Mg How	Min1 Code	Min1 (%)	Sample Wt (kg)	3B Au (ppb)	1DX Au (ppb)	1DX Cu (ppm)
0.0	**2.7**	**CASE**	**CASING/OVERBURDEN**																						
2.7	**14.7**	**SYEN**	**FAULT ZONE/STRONGLY OXIDIZED AND MINERALIZED SYENITE**																						
			Rusty yellow to orange-pink, heavily broken-up and crumbly, medium grained, strongly oxidized syenite. Fault zone? Strong ochre, limonite>calcite-rich, clay gouge over majority of this interval.	2.7	4.7	624407		O			3		2								MA	0.2	4.5	<2	0.8	530
				4.7	9.3	624408		O			3		2								MA	0.2	4.5	5	1.5	255
			Obliterated primary textures by strong alteration and fracturing. Fractures have typically random orientations	9.3	13.0	624409		O			3		2								MA	0.2	2.5	<2	1.0	775
			HM specks, 1-2%, with reddish halos and also coating fracture surfaces.																						
			Not certain about potassic alteration. Possibly pink coloured feldspar are secondary KF replacement(?), moderate intensity. Some of the pink-orange colouration could be also due to hematite staining.	13.0	14.7	624410		O			3		2								MA	0.5	3.0	<2	0.8	421
			Discontinuous malachite on fracture surfaces as small specks and blebs throughout this interval. Total about 0.2-0.5% over 1.7-4.6 m sampling widths.																						
			No visible copper sulfides.																						
			Generally, very poor core recovery, <50% and mostly zero percent RQD.																						
14.7	**20.1**	**SYEN**	**ALTERED AND MINERALIZED SYENITE (MONZONITE?)**																						
			More coherent than above (2.7-14.7m), altered/oxidized leucocratic syenite. Poorly competent, broken-up and crumbly rock forms about 35% of this interval.	14.7	17.7	624411		O			3		2								MA	0.01	6.0	4	1.0	425
			Fine grained, creamy to mottled pinkish orange, leucocratic syenite or possibly monzonite(?).																						
			Strong fracturing with a high fracture density, >10/10cm. Common 40-50° and 80° TCA and random.																						
			Intense oxidation, ochre limonite and red hematite as pervasive and fracture-controlled alteration.																						
			Pervasive weak to moderate potassic alteration(?). Not certain because of obliterated primary textures.																						
			Massive and minor dendritic, black Mn-oxide coating fractures.																						
			To 1-2% specular hematite, fg and mg DI.																						

Primary Interval				Assay Interval			QA/QC	Oxide Facies	Alteration Intensity					Mineralization								Analytical Results			
FROM (m)	TO (m)	LITH CODE	Remarks	From	To	Sample Number	Duplicate / Blank	O/T/S	Biot	Epichl	Kspar	Qtz	Calc	Py %	Py How	Cp %	Cp How	Mg %	Mg How	Min1 Code	Min1 (%)	Sample Wt (kg)	3B Au (ppb)	1DX Au (ppb)	1DX Cu (ppm)
			Trace CP small blebs and veinlets. Rare specks of malachite in the upper part of this unit.	17.7	20.1	624412		T			3		2			0.01	BB			MA	0.01	5.5	2	<0.5	194
			18.5-18.8 Soft and crumbly rock, strong LI and HM. Rare malachite specks.																						
			18.8-20.1 Decreasing fracture-controlled oxidation; lesser limonite/hematite. From 19.7-20.1m, narrow fault zone with heavily broken up and crumbly rock.																						
20.1	**44.2**	**SYEN**	**FAULT ZONE/ALTERED, LEUCOCRATIC SYENITE**																						
			Extensive, strong brecciation with numerous blocky and crumbly sections. Fault zone. Abundant medium grey, chlorite>calcite and rare limonite-bearing clay gouge.	20.1	24.0	624413		S		2			1			0.01	DI					6.8	<2	0.8	522
			Pale grey-creamy and locally mottled purple-red (after hematite) and green (chlorite), medium grained syenite (possibly monzonite?).	24.0	28.0	624414		S		2			1			0.01	DI			MA	0.01	5.0	<2	0.8	477
			Not certain about the extent of potassic alteration (secondary KF). Possibly weak?																						
			Moderate fracture-controlled chlorite and late calcite (propylitization). Calcite is stronger in areas of more intense fracturing in association with clay gouge.	28.0	32.0	624415		S		2			1			0.01	DI					3.8	<2	1.0	945
				32.0	36.6	624416		S		2			1									4.0	2	0.9	597
			Generally weak hematite, increasing downhole, stonger below 37.0m.																						
			Trace vfg and fg CP disseminations and microfracture filling. Rare associated malachite.	36.6	40.0	624417		S		2			2									4.9	5	2.0	73
			42.8-44.2 Extremely pulverized core. Below 43.3m, grey sandy clay.	40.0	43.0	624418		S		2			2									4.8	3	<0.5	14
			Variable core recover, from very poor (24%) to good (100%). Very low RQD, mostly zero.																						
44.2			**EOH**																						
			The hole was lost at 44.2m in a faulted, heavily broken up and crumbly zone.																						

Hole ID: 784-08-04 **East:** 632228
North: 5685879
Site# T-G-02 **Elev:** 949.04

DISCOVERY CONSULTANTS
Project: Rayfield River
Client: Callinan Mine
Diamond Drill Hole

Az: 360° **Start Date:** 2008.01.13
Dip: -80° **End Date:** 2008.01.20
Depth: 247.1m **Geologist:** D.Duba
Core Size: NTW to 234.7m, BTW to 241.7m

Primary Interval				Assay Interval			QA/QC	Oxide Facies	Alteration Intensity					Mineralization								Analytical Results			
FROM (m)	TO (m)	LITH CODE	Remarks	From	To	Sample Number	Duplicate / Blank	O/T/S	Biot	Epichl	Kspar	Qtz	Calc	Py %	Py How	Cp %	Cp How	Mg %	Mg How	Min1 Code	Min1 (%)	Sample Wt (kg)	3B Au (ppb)	1DX Au (ppb)	1DX Cu (ppm)
0.0	**4.6**	**CASE**	**CASING/OVERBURDEN**																						
								O																	
4.6	**18.5**	**SYEN**	**STRONGLY OXIDIZED SYENITE**					O																	
			Ochre yellow, heavily broken up, fractured and oxidized syenite.					O																	
			Poorly competent, crumbly rock with common limonitic gouge. Pervasive limonite and fracture-controlled limonite and hematite.					O																	
			Medium grained, mottled pale grey-pink to creamy, purple-red (HM) and rusty yellow (LI), leucocratic syenite/monzonite(?) Partially obliterated primary textures.					O																	
			Weak to moderate potassic alteration (?)					O																	
			Extensive fracturing throughout this interval, typically random. Poor core recovery and low RQD.					O																	
			Hematite specks and fracture-filling (2-3%). Specks and blebs of malachite. To 0.1-0.3% over sampled 2-4m width (sampled in DDH 784-08-03, the same collar, azimuth -70°).					O																	
18.5	**20.8**	**SYEN**	**PARTIALLY OXIDIZED, ALTERED SYENITE**					T																	
			Similar to above but more coherent rock, however, strongly fractured and less oxidized.					T																	
			Light to medium grey, fine to medium grained, leucocratic syenite (monzonite?) with 1-2% hematite fg to mg disseminations. Rock appears to be siliceous, secondary silicification (weak?, QZ>15%). Obliterated primary textures by intense fracturing and alteration.					T																	
			Fracture-controlled ochre yellow limonite, strong to 19.3m with partially crumbly core.					T																	
			Weak to moderate pervasive KF(?) alteration. Moderate chlorite coating fracture surfaces.					T																	
			This unit was sampled in DDH 784-08-03.																						
20.8	**45.3**	**SYEN**	**FAULT ZONE/ ALTERED SYENITE**																						
			Extremely broken up and crumbly interval with strong, medium grey, clay gouge.																						
			Rock is similar to above, 18.5-20.8m.																						
			Moderate, pervasive KF(?) alteration. Moderate fracture-controlled chloritization. Locally common Mn-oxide on fractures.																						
			HL red hematite veinlets and disseminations are ubiquitous (to 3%). Calcite is weak as HL to 2mm veinlets/fracture-																						

Primary Interval				Assay Interval			QA/QC	Oxide Facies	Alteration Intensity					Mineralization								Analytical Results			
FROM (m)	TO (m)	LITH CODE	Remarks	From	To	Sample Number	Duplicate / Blank	O/T/S	Biot	Epichl	Kspar	Qtz	Calc	Py %	Py How	Cp %	Cp How	Mg %	Mg How	Min1 Code	Min1 (%)	Sample Wt (kg)	3B Au (ppb)	1DX Au (ppb)	1DX Cu (ppm)
			filling, random orientations.																						
			Patchy minor ochre limonite, to 27.0m.																						
			Trace CP disseminations throughout this interval.																						
			20.8-23.0 Very soft, crumbly clay-rich core. Patchy of limonite.																						
			23.0-25.0 Trace specks of CP.																						
			25.4-27.4 Heavily blocky with grey clay gouge.																						
			28.7-32.0 Extremely broken rock with strong medium grey clay gouge.																						
			32.0-33.8 Blocky core with mostly 5-10cm segments. Trace CP+/-hematite veinlets and disseminations.																						
			Below 33.8m, intensely broken up rock with common medium grey, clay gouge.																						
			From 41.4 to 45.3, ghosts of chloritized, subhedral HB, <2-3 mm (<3%). Locally 2-3% calcite crystals as 1-2mm disseminations. Rare trace CP DI.	43.0	45.3	624419		S		2	2		2			0.01	SP					4.5	3	1.6	43
			This unit was sampled to 43.0m in the previous hole, DDH 784-08-03.																						
45.3	**80.8**	**SYEN**	**ALTERED LEUCOCRATIC SYENITE**																						
			Variably fractured and altered syenite/monzonite(?). More coherent and solid rock than above, 20.8-45.3m. However, more than 60% of this interval consists of heavily broken-up, blocky and locally crumbly. To 51.8m, medium to coarse grained and mottled light grey to pinkish grey and orange-pink and green, intensely fractured leucocratic syenite. Obliterated primary textures. Below 51.8m, gradational transition to fine grained, more homogenous in colour, pale grey to slightly pink-purple and beige, silicified(?) syenite or monzonite(?). Locally to 3-5% ghosts of interstitial, chloritized+/-hematized HB. Also pitted surface (<10%) after HB crystals? with locally calcite filled cavities.	45.3	47.3	624420		S		3	2		2			0.01	DI					6.2	<2	2.1	478
			Generally, to <1-2%, and lesser >3%, red and black HM specks and fracture-filling.	47.3	50.0	624421		S		3	2		1			0.1	BB					6.6	3	1.6	915
			Moderate patchy and pervasive KF alteration(?). Also patchy pinkish orange hematization. Weak to moderate fracture-controlled chloritization, increasing in intensity in areas of stronger fracturing. Pervasive white mica (after feldspars).																						
			Trace to 0.1% CP as fg specks and DI and veinlets filling microfractures+/-hematite throughout the length of the core.																						
			43.7-50.3 Soft and crumbly core with abundant medium and dark grey to red clay gouge.																						

Primary Interval				Assay Interval			QA/QC	Oxide Facies	Alteration Intensity					Mineralization								Analytical Results			
FROM (m)	TO (m)	LITH CODE	Remarks	From	To	Sample Number	Duplicate / Blank	O/T/S	Biot	Epichl	Kspar	Qtz	Calc	Py %	Py How	Cp %	Cp How	Mg %	Mg How	Min1 Code	Min1 (%)	Sample Wt (kg)	3B Au (ppb)	1DX Au (ppb)	1DX Cu (ppm)
			Patchy pink orange KF alteration(?). Weakly calcareous. Rare limonite microfracture filling.																						
			To 0.1% CP DI, BB and veinlets, <1-2mm wide.																						
			53.4-67.0 Rock is more coherent and less fractured, hence weaker fracture-controlled	50.0	52.7	624422		S		2	2		1	0.01	DI	0.01	DI					6.0	3	1.0	945
				52.7	55.0	624423		S		2	3	1	2			0.1	DI					5.7	3	1.9	537
			Below 67.0m, heavily broken and fractured rock is intercalated with more massive syenite/monzonite. Moderate chloritization associated with strong fracturing.	55.0	57.5	624424		S		2	3	1	1			0.1	BB					6.7	5	4.5	1119
						624425	Blank															3.4	<2	0.6	26
				57.5	60.0	624426		S		2	2	1	1			0.01	DI					9.1	5	1.4	684
				60.0	62.5	624427		S		2	2	1	1	0.01	DI	0.01	DI					7.4	<2	1.1	75
			71.1-78.4 Medium grained, mottled pink-grey to orange and green, patchy KF and fracture-controlled chlorite>>epidote.	62.5	65.0	624428		S		2	2		1			0.01	DI					6.8	3	1.1	56
				65.0	67.5	624429		S		3	2		1			0.01	DI					6.9	<2	<0.5	19
				67.5	70.0	624430		S		3	2		1			0.1	BB					6.7	5	3.2	899
			Coarse blebs, 2-10mm and veinlets of CP (trace to 0.1%). To 0.1% to 1-2cm blebs of PY, locally surrounding CP.	70.0	72.5	624431		S		3	3		1			0.01	DI					5.7	2	<0.5	370
				72.5	75.0	624432		S		3	3	1	1	0.2	BB	0.1	BB					6.6	4	18.7	2427
				75.0	77.5	624433		S		2	3		1			0.01	DI					4.2	<2	2.6	417
			Some crumbly sections with clay gouge. Common red hematite coated slickensided fracture surfaces.																						
			78.4-79.25 Crumbly rock with strong clay gouge.	77.5	80.8	624434		S		2	2		1			0.01	DI					8.5	6	5.5	481
			79.25-80.8 Mottled beige and medium grey, fine grained syenite/monzonite? Trace to 0.1% CP disseminations and lesser BB.	80.8	84.0	624435		S		3	2		1			0.01	BB					6.1	<2	1.5	304
80.8	**120.3**	**SYEN**	**ALTERED LEUCOCRATIC SYENITE**																						
		MONZ?	Mottled salmon pink to orange and creamy/pale grey, medium to locally coarse grained syenite/monzonite(?). Mineralogy is: <10(?)% QZ, >75% KF and plagioclase, <3-5% interstitial HB and 2-5% specular hematite. Hematite occurs as DI, BB and lesser veinlets, coating on fractures.																						
			Most of this unit consists of poorly competent and blocky core with narrow intercepts of clay gouge. Generally moderate to strong fracturing. Common fracture sets with gouge at 15-20° and 60° TCA and also random orientations.	84.0	87.0	624436		S		2	3		2			0.01	BB					8.5	<2	<0.5	506
			Pervasive and patchy, moderate to lesser strong potassic alteration as secondary KF replacement. Locally, rock is hard and difficult to scratch, pervasively silicified(?), especially below 105.0m.	87.0	90.0	624437		S		2	3		2			0.01	BB					8.0	<2	0.8	451
			Fracture-controlled chlorite>>epidote. Chlorite also occurs as replacement of HB and epidote as irregular patches.	90.0	92.5	624438		S		2	3		1			0.01	BB					7.5	<2	<0.5	475
			Weak calcite as typically as HL to 1-2mm veining.	92.5	95.0	624439		S		2	4		1			0.1	BB					6.6	3	1.5	620
				92.5	95.0	624440	Duplicate	S		2	4		1			0.1	BB					7.8	<2	0.6	704
			CP occurs throughout this unit, trace to rarely 0.1% BB (<2 to 5mm) and lesser veinlets. Rare blebby PY.																						
			80.8-83.5 Soft and crumbly rock with strong																						

Primary Interval				Assay Interval			QA/QC	Oxide Facies	Alteration Intensity					Mineralization								Analytical Results			
FROM (m)	TO (m)	LITH CODE	Remarks	From	To	Sample Number	Duplicate / Blank	O/T/S	Biot	Epichl	Kspar	Qtz	Calc	Py %	Py How	Cp %	Cp How	Mg %	Mg How	Min1 Code	Min1 (%)	Sample Wt (kg)	3B Au (ppb)	1DX Au (ppb)	1DX Cu (ppm)
			medium grey clay gouge. Fault zone. Trace blebby CP.																						
			83.5-86.4 Blocky core with minor clay gouge. Rare, coarse blebs (<5mm) of PY and CP.	95.0	97.5	624441		S		2	3		1			0.01	BB					8.0	<2	<0.5	399
			89-90 Similarly to above poorly competent, blocky core with some gouge. Trace small blebs of CP.	97.5	100.0	624442		S		2	3		1			0.01	BB					6.7	<2	0.8	884
				100.0	102.5	624443		S		2	3		1			0.01	BB					8.7	3	1.2	233
			102.8-106.4 Poorly competent core, broken up with to 40cm section of soft rock with strong gouge (104.5-104.9m). Fracture surfaces are commonly coated by pale grey, calcareous clay. Host is dominantly fg, medium grey with purple hint, siliceous(?) monzonite. Possibly dyke? No visible contacts in highly broken up interval.	102.5	105.0	624444		S		2	3	2	1			0.01	DI					6.0	4	1.1	418
			106.4- 113.0 Rock is mottled salmon pink, light grey and purple-beige. Appears to be harder, pervasively silicified and more intensely hematized. HM occurs as patches, blebs and veinlets/coating on fractures. From 106.8 to 108.5m, coarse grained/pegmatitic (to 5-10 mm) pink, euhedral KF crystals (secondary?). Locally, to 1cm blebs of PY with CP core (trace-0.1%).	105.0	107.5	624445		S		1	3	2	2			0.01	BB					6.1	<2	1.0	1903
				107.5	110.0	624446		S		1	3	2	1	0.01	BB	0.1	BB					8.3	<2	<0.5	258
				110.0	112.5	624447		S		1	2	1	2			0.01	IN					6.8	5	1.2	360
			113.0-115.4 Heavily broken up core with minor light grey, calcareous gouge.	112.5	115.0	624448		S		1	2	1	2			0.01	IN					6.5	2	1.8	375
			116.1-120.3 Heavily fractured, altered syenite (monzonite?). Intervals of poorly competent rock with calcareous clay gouge. Strongly argillized feldspars, hence, crumbly rock.	115.0	117.5	624449		S		2	3		3			0.01	DI					6.1	3	<0.5	247
				117.5	120.3	624450		S		2	3		3			0.01	DI					7.5	<2	<0.5	325
			Increasing carbonatization, pervasive and fracture-controlled.																						
			Rare specks of CP.																						
120.3	**124.9**	**SYEN**	**FAULT ZONE/ALTERED SYENITE**																						
			Extremely blocky and crumbly with common calcareous, clay gouge.																						
			The host rock is similar to above, 80.8-120.3m, mottled purple grey to salmon pink and green, medium to coarse grained, KF altered and propylitized syenite/monzonite. Propylitization is dominated by fracture-controlled chlorite and calcite (weak).	120.3	122.3	624451		S		2	2		2									5.9	3	1.6	217
				122.3	124.9	624452		S		2	2		2									4.9	5	4.2	355
			Red hematite coating on fractures.																						
			No visible sulfides.																						
124.9	**136.2**	**SYEN**	**ALTERED SYENITE/MINOR MONZONITE DYKES**																						
			Mottled pale grey/creamy and orange-pink, medium to coarse grained syenite/monzonite(?), similar to 80.8-120.3m.	124.9	127.5	624453		S		2	3	1	1	0.3	BB	0.08	BB					8.1	4	1.9	534
			Syenite is moderately KF altered, mostly patchy.																						

Primary Interval				Assay Interval			QA/QC	Oxide Facies	Alteration Intensity					Mineralization								Analytical Results			
FROM (m)	TO (m)	LITH CODE	Remarks	From	To	Sample Number	Duplicate / Blank	O/T/S	Biot	Epichl	Kspar	Qtz	Calc	Py %	Py How	Cp %	Cp How	Mg %	Mg How	Min1 Code	Min1 (%)	Sample Wt (kg)	3B Au (ppb)	1DX Au (ppb)	1DX Cu (ppm)
			Lesser fracture-controlled chlorite-calcite throughout this unit (weak). Hard to scratch, silicified? and or siliceous (if primary not syenite, possibly monzonite?). Hematite, to 5%, as DI, BB, interstitial filling and numerous, red-purple, HL to 2mm veinlets, randomly oriented.																						
			Host-rock is cut by narrow, <2m wide, medium grey to mottled purple, fine to medium grained, equigranular to weakly HB phyric (<10-12%, 1-2mm) felsic dykes, monzonite in composition(?) To 10% tabular, dark green, chloritized HB, 1-2mm, locally replaced by calcite. Absence of intrusive contacts.																						
			Rare coarse grained blebs (>1cm) of PY and smaller blebs (<0.5cm) and IN CP. PY also occurs as rare disseminations and veinlets.																						
			126.5-126.9 Strong purple mottling after HM and silicification.																						
			126.9-127.0 Fault-contact breccia with minor crumbly core and gouge. UC trends at 50° TCA, slickensided and chloritized/hematized.																						
			127.0-128.9 Felsic dyke/monzonite? Medium grey with strong purple overprint (HM interstitial filling and veining), fine grained, weakly HB porphyritic (to 10%, 1-2mm). Chloritized fracture surfaces. LC is fairly sharp at 45° TCA.	127.5	130.0	624454		S		1	2	1	1									7.1	<2	1.0	199
			128.9-135.2 Mottled beige to creamy and orange-pink, medium grained syenite. Patchy KF alteration, weak to moderate. Very rare (trace) PY as DI and VN/fracture coating. Trace SP and BB of CP in areas of most intense potassic (KF) alteration.	130.0	132.5	624455		S		1	2	1	1									7.9	3	1.3	417
				132.5	135.0	624456		S		1	3	1	1	0.01	DI	0.01	DI					7.8	<2	1.7	188
			135.2-136.2 Medium grained, fine grained, weakly porphyritic felsic dyke, similar to127.0-128.9m. UC is sharp at 30° TCA and LC at 40° TCA. Strong purple-red, hematite random veining, HL to 1mm. Vfg PY on fractures and lesser DI (trace).	135.0	137.5	624457		S		1	3	1	1	0.01	VN	0.01	DI					8.2	2	3.0	65
136.2	**151.4**	**SYEN**	**ALTERED LEUCOCRATIC SYENITE**																						
			Similar to 80.8-120.3m, mottled creamy/beige and orange-pink, leucocratic, medium to coarse grained and locally pegmatitic syenite/monzonite(?). Minor mafic component, <3% chloritized HB as interstitial subhedral crystals.	137.5	140.0	624458		S		1	2		1	0.01	DI	0.01	BB					7.1	<2	<0.5	190
			Patchy KF alteration, weak to moderate, and fracture-controlled weak chlorite and calcite. Localized strong argillization (after feldspars). Clay coated fractures and cavities.																						

Primary Interval				Assay Interval			QA/QC	Oxide Facies	Alteration Intensity					Mineralization								Analytical Results			
FROM (m)	TO (m)	LITH CODE	Remarks	From	To	Sample Number	Duplicate / Blank	O/T/S	Biot	Epichl	Kspar	Qtz	Calc	Py %	Py How	Cp %	Cp How	Mg %	Mg How	Min1 Code	Min1 (%)	Sample Wt (kg)	3B Au (ppb)	1DX Au (ppb)	1DX Cu (ppm)
			Rock is siliceous, not certain if primary silica (monzonite?/qtz monzonite) or silicified.																						
			Ubiquitous hematite, 1-5%, throughout this unit, as DI, BB and microfracture-filling.																						
			136.2-137.3 Very coarse grained/pegmatitic, salmon pink syenite consisting of to 60+ % KF, ~25% plag, <5% quartz and to 3% HB (replaced by CL and > HM) and 2-5% HM.																						
			Trace PY and CP, BB and DI.	140.0	142.5	624459		S		2	2		2			0.01	BB					8.1	<2	0.7	229
			142-143.3 Extensively broken up interval with abundant light grey, calcareous clay gouge.	142.5	145.0	624460		S		2	2		2			0.01	DI					6.0	3	0.9	306
				145.0	147.5	624461		S		1	2	1	2	0.01	DI							8.5	5	2.5	234
			147.1-148.2 Fine grained, medium grey monzonite(?) dyke. Pitted surface, <1-2mm, after HB phenos? Random reddish purple, HL HM veinlets+/-chlorite. UC contact consists of broken core. LC appears to be gradational over 10cm.	147.5	149.5	624462		S		1	2	1	1									6.2	3	0.7	206
				149.5	151.4	624463		S		1	2		2									6.1	<2	0.5	47
151.4	**158.5**	**SYEN**	**FAULT ZONE/ALTERED SYENITE**																						
			Faulted and altered syenite. Extensively blocky and crumbly core with intersections of weakly calcareous clay gouge throughout this unit.																						
				151.4	153.9	624464		S		3	2		2									7.4	2	0.9	134
			Rock is similar to above, 80.8-120.3m. KF altered and weakly mineralized coarse grained syenite/monzonite(?). Weak fracture-controlled CL and CA.	153.9	156.9	624465		S		3	2		2			0.01	DI					4.6	<2	1.0	417
				156.9	158.5	624466		S		3	2		2			0.01	IN					4.3	4	4.2	660
			Rare (trace) CP interstitial fill, fg disseminations and to 1-2mm blebs.																						
158.5	**181.5**	**SYBX**	**POTASSICALLY (KF) ALTERED SYENITE BRECCIA**																						
			Salmon pink and lesser mottled beige and green, coarse grained syenite breccia, fragment supported (>80%) w/subangular to angular fragments having diffused boundaries set in a aphanitic to fg, medium purple grey, siliceous monzonite(?) host.	158.5	160.5	624467		S		2	2		2			0.1	IN					5.9	7	2.6	700
			Poorly competent, blocky core with common clay covered fracture surfaces over most of the length of this unit; low RQD, on average <50%. Generally strong fracturing w/CL-HM-CA>>EP fill.	160.5	163.0	624468		S		2	2		2			0.1	IN					7.8	3	12.2	1395
				163.0	165.0	624469		S		2	2		2			0.01	BB					6.0	6	1.3	1150
			Moderate to strong, patchy and pervasive potassic alteration as KF replacement. Weak fracture-controlled chlorite and lesser epidote. Weak calcite as HL fracture-filling and weakly calcareous, light clay gouge. Variable HM, weak to moderate, DI, blebby and fracture-filling.	165.0	167.50	624470		S		1	2		2			0.01	BB					6.9	4	3.2	800
				167.5	170.0	624471		S		1	3		2			0.01	BB					7.2	5	3.5	962
			Trace to rarely 0.1% CP as blebs (>1-2mm), fg DI and interstitial filling.																						

Primary Interval				Assay Interval			QA/QC	Oxide Facies	Alteration Intensity					Mineralization								Analytical Results			
FROM (m)	TO (m)	LITH CODE	Remarks	From	To	Sample Number	Duplicate / Blank	O/T/S	Biot	Epichl	Kspar	Qtz	Calc	Py %	Py How	Cp %	Cp How	Mg %	Mg How	Min1 Code	Min1 (%)	Sample Wt (kg)	3B Au (ppb)	1DX Au (ppb)	1DX Cu (ppm)
			170.35-171.5 Very blocky rock with common calcareous-chloritic clay gouge. Trace CP blebs.	170.0	172.5	624472		S		2	3		2			0.01	BB					7.9	5	3.5	1557
			172.5-173.7 Similar to above, extensively broken up interval with clay gouge.	172.5	175.0	624473		S		2	3		2			0.01	BB					6.9	6	1.5	745
				175.0	177.5	624474		S		2	3		2			0.01	BB					7.2	6	2.0	822
			178.8-180.0 Strongly broken up with HM-CL bearing clay gouge. Common fracture orientation 0-10° and 65-70° TCA. From 177.4-179.8, purple-grey, fine grained felsic dyke. Strong CL on fractures. Both contacts have blocky core.			624475	Blank															4.8	7	0.9	24
				177.5	179.5	624476		S		2	3	1	2									5.0	7	1.2	797
				179.5	181.5	624477		S		2	3	1	2									6.0	2	1.4	476
			180.2-180.6 Purple grey felsic dyke. UC broken, LC sharp at 65° TCA. No chill margin.																						
181.5	**190.8**	**SYEN**	**FAULT ZONE/ALTERED SYENITE**																						
			Fault zone. Blocky and soft/crumbly core with a strong clay gouge over most of this unit with the exception from 186.6-187.5m and from 187.7 to 189.2 moderately blocky core. Generally, rock is intensely fractured and brecciated. Common fracture set at 40° and 55-60° TCA, often clay coated.	181.5	184.0	624478		S		2	4		2			0.01	IN					5.7	8	1.4	628
				184.0	186.0	624479		S		2	4		2			0.01	IN					6.0	<2	1.5	432
				186.0	188.0	624480		S		2	3		2			0.01	IN					5.5	7	0.7	403
				188.0	190.8	624481		S		2	3		2									6.7	3	0.7	324
			Mottled orange to salmon pink and light grey/creamy syenite and syenite breccia. Partly obliterated primary textures by strong alteration (KF, patchy to pervasive and fracture-controlled chlorite).																						
			Trace interstitial and blebby CP, <1-2 mm on average.																						
190.8	**224.4**	**SYEN**	**STRONGLY KF ALTERED SYENITE**																						
		SYBX	Similar to above 181.5-190.8m, mottled salmon pink and light grey/creamy KF altered syenite but coherent with minor blocky sections. From <3 to lesser 5% HB, generally as interstitial crystals, often as ghosts, chloritized and partially replaced by HM and very rarely by BI (medium brown, cg).	190.8	193.0	624482		S		1	3		2			0.01	VN					7.4	4	0.5	386
			Moderate to strong, patchy and lesser pervasive potassic alteration as KF replacement throughout this unit. Propylitization (CL>>EP) is fracture-controlled and weak. Rare cg flakes and patches of secondary biotite (potassic alteration). Below 207.5m, pervasive weak to moderate silicification, adjacent to the fault (224.3-234.0m). Strong black and red HM, as <1-2mm DI and random oriented HL veinlets (to 5%).																						
			Rare, narrow dykelets at 192.7m, to 5cm widths,	193.0	195.0	624483		S		1	4		2	0.01	IN	0.01	IN					5.7	5	1.8	397

Primary Interval				Assay Interval			QA/QC	Oxide Facies	Alteration Intensity					Mineralization								Analytical Results			
FROM (m)	TO (m)	LITH CODE	Remarks	From	To	Sample Number	Duplicate / Blank	O/T/S	Biot	Epichl	Kspar	Qtz	Calc	Py %	Py How	Cp %	Cp How	Mg %	Mg How	Min1 Code	Min1 (%)	Sample Wt (kg)	3B Au (ppb)	1DX Au (ppb)	1DX Cu (ppm)
			with sharp contacts at 65° TCA. Medium purple grey, fine grained, patchy KF alteration.																						
			Trace to less commonly to 0.1% CP, as fg DI, BB (<1-2mm on ave and lesser to 10mm @203.2m) and lesser HL veinlets, commonly associated with HM. Ocass CP/PY replaces CL-EP altered mafic minerals (HB). Trace PY often associated with CP as fg DI/IN.																						
			194.1-195.1 Blocky core with minor gouge. Common CL and HM coated fracture surfaces, commonly 40-45° TCA.	195.0	197.5	624484		S	1	2	3		2			0.01	IN					8.3	2	1.1	161
				197.5	200.0	624485		S	1	2	4		2	0.01	BB	0.01	BB					7.7	7	1.7	543
			196-201.8 Dark grey patchy and interstial replacement by moderately hard mineral/s(?) with a cleavage.	200.0	202.5	624486		S	1	2	4		1	0.01	BB	0.05	DI					7.8	7	5.4	1192
			Strong patchy KF alteration and rare BI. Trace CP and lesser PY, fg DI and BB.	202.5	205.0	624487		S		1	3		2	0.1	BB	0.05	BB					7.5	2	1.0	330
			Locally soft and crumbly core with clay gouge.																						
			Below 205.7m, minor medium purple grey, medium to cg monzonite(?), as narrow, <10 to 25cm intercepts, intermixed with cg salmon pink syenite. Younger intrusive event/felsic dykes, as in and similar to 124.9-136.2m(?) in the upper part of this hole. Contacts are sharp at 0 to 35° TCA and occasionally gradational. Absence of chilled margins. Felsic dyke is syn-mineral with to 0.3% CP>PY BB and DI.	205.0	207.5	624488		S		1	4	1	1			0.08	BB					5.2	4	1.4	544
			205.7-209.5 Narrow, to 30-40cm wide, of strongly broken-up rock (about 40% of this unit) with some grey, calcareous clay gouge.	207.5	210.0	624489		S		1	4	2	1									7.1	3	0.8	298
			Weak pervasive silicification, below 207.5m. To 0.08% CP, fg DI and blebs (<1-3mm) and IN, locally associated trace PY BB and IN.																						
			209.5-214.3 Common narrow, 10-20cm, intercepts of purple grey monzonite dyke. Strong KF and very rare, cg BI (potassic altn). Weak silicification(?). To 0.3% blebby CP and lesser PY often replacing propylitized (CL-EP) HB and as IN and microfracture-filling.	210.0	212.0	624490		S		1	4	2	1	0.01	BB	0.01	BB					6.7	2	0.9	664
				212.0	214.0	624491		S		1	4	2	1	0.1	BB	0.3	BB					6.7	5	2.3	1526
			From 214.3 to 224.4m, continuous moderate silicification and moderate to strong patchy and pervasive potassic alteration (KF and rare BI). To 0.1% CP and to 0.1% PY mostly as 1-5mm blebs and interstial/microfracture filling.	214.0	216.0	624492		S	1	1	4	2	2	0.01	BB	0.1	BB					6.4	4	0.9	728
				216.0	218.0	624493		S	1	1	3	3	2			0.08	BB					5.7	7	2.5	1298
				218.0	220.0	624494		S	1	1	3	3	2	0.01	BB	0.05	BB					6.3	2	1.9	376
				220.0	222.5	624495		S		1	3	3	2	0.05	BB	0.1	BB					6.8	6	2.5	2172
				222.5	224.4	624496		S		1	4	3	2	0.1	BB	0.1	BB					6.1	3	2.0	1036
224.4	**232.6**	**SYEN**	**FAULT ZONE/ALTERED SYENITE**																						
			Fault zone. Most of this unit consists of heavily broken-up and crumbly core with strong, medium grey, calcareous gouge.																						
			Host is rock is similar to above, mottled salmon pink and pale grey/creamy, patchy KF altered,	224.4	227.0	624497		S		2	3		2									5.0	4	1.9	174

Primary Interval				Assay Interval			QA/QC	Oxide Facies	Alteration Intensity					Mineralization								Analytical Results			
FROM (m)	TO (m)	LITH CODE	Remarks	From	To	Sample Number	Duplicate / Blank	O/T/S	Biot	Epichl	Kspar	Qtz	Calc	Py %	Py How	Cp %	Cp How	Mg %	Mg How	Min1 Code	Min1 (%)	Sample Wt (kg)	3B Au (ppb)	1DX Au (ppb)	1DX Cu (ppm)
			coarse grained syenite. Fracture-controlled chlorite, weak. Common HM as fine grained disseminations (black/red) and red HM coating on fractures, 40-45°, 60° and 80° TCA.																						
			Less blocky core from 228.6 to 230m and 231.25 to 231.65m.	227.0	230.0	624498		S		2	3		3									7.2	<2	0.9	261
				230.0	232.6	624499		S		2	3		2									7.5	4	0.7	213
			No visible sulfides.	230.0	232.6	624500	Duplicate	S		2	3		2									7.2	2	0.6	187
232.6	**241.7**	**SYEN**	**STRONGLY FRACTURED/ALTERED SYENITE**																						
			Similar to 190.8-224.4m, altered syenite and more coherent than 224.4-232.6. However, poorly competent and blocky over most of this unit w/occas clay gouge. More broken up below 234.7m (BTW core from 234.7 to 241.7 EOH).	232.6	234.7	625751		S		1	3		2									5.3	<2	2.2	266
			To 5-7% HB, replaced by CL-HM and locally biotite. HM also as mg DI (black and red) and on fracture surfaces (2-5%). Moderate potassic alteration (KF as patchy to pervasive and minor mg to cg, dark brown BI replacement).	234.7	238.0	625752		S	1	1	3		2	0.01	SP	0.01	IN					2.3	3	0.8	210
			Weak chlorite, fracture-controlled filling and replacement of mafic minerals. Calcite is also weak, mostly as HL veinlets/fracture-fill.	238.0	241.7	625753		S	1	1	3		1	0.01	BB	0.01	IN					2.8	<2	0.8	130
			Rare fg to mg IN and DI CP. Rare fg and BB PY.																						
247.1			**EOH**																						
			The hole was abandoned at 247.1m (projected TD=300m). The BTW equipment was unable to drill through heavily broken-up and faulted rock.																						

Hole ID: 784-08-05 **East:** 632453
North: 5686530
Site# T-E-02 **Elev:** 1066.7

DISCOVERY CONSULTANTS
Project: Rayfield River
Client: Callinan Mine
Diamond Drill Hole

Az:
Dip: -90°
Depth: 300.2m
Core Size: NTW

Start Date: 2008.01.21
End Date: 2008.01.28
Geologist: D. Duba

Primary Interval	Assay Interval	QA/QC	Oxide Facies	Alteration Intensity	Mineralization	Analytical Results

FROM (m)	TO (m)	LITH CODE	Remarks	From	To	Sample Number	Duplicate / Blank	O/T/S	Biot	Epichl	Kspar	Qtz	Calc	Py %	Py How	Cp %	Cp How	Mg %	Mg How	Min1 Code	Min1 (%)	Sample Wt (kg)	3B Au (ppb)	1DX Au (ppb)	1DX Cu (ppm)
0.0	**7.6**	**CASE**	**CASING/OVERBURDEN**																						
7.6	**131.2**	**HSYE**	**ALTERED HORNBLENDE SYENITE**																						
			Medium grey, coarse grained hornblende syenite w/<5% quartz, 80% grey Kspar and pale grey/creamy plagioclase and to 10% hornblende, as tabular crystals (2-5mm and >5mm) and irregular clusters (<0.5-1cm). Kspar, 3-5mm on average, rarely 7-10mm. Weakly magnetic, to 1-3%, 1-3mm euhedra/subhedra (DI) and clusters (BB). Magnetite (MG) appears to be partially replacing subhedral HB.	7.6	10.0	625754		T	2	1	2		1			0.01	VN	1	BB	MA	0.01	7.6	4	3.2	278
				10.0	12.5	625755		T	1	1	2		1					1	BB	MA	0.01	8.1	7	3.6	246
			Moderately fractured rock, mostly solid and competent. Strong fracturing with blocky core over narrow intervals is minor to a depth 18.3m (<0.5-0.7m widths).	12.5	15.0	625756		T	1	1	2		1					1	BB	MA	0.01	7.1	8	5.2	321
			Fracture density, <5-8 over 10 cm, and lesser, 10+ with the most common trend 45-50° and lesser 60-70° TCA. Also variable orientations TCA.	15.0	17.5	625757		T	1	1	2		1					2	BB			6.0	6	3.6	290
			Generally weak to moderate potassic alteration (pink KF). Patchy to pervasive over narrow width (<0.5m). Commonly centered on fractures, locally filled with 1-2mm CL+/-CA, 45-50° and variable to TCA. It is continuous to 20.0m, more widely spaced below.																						
			Also medium grey to grey-purpl, narrow, felsic, KF-rich(?) dykelets, 3-5mm, on average, rarely to >30 mm wide with diffused boundaries cutting syenite throughout this unit. Variable in distribution, <1 to >5 over 10cm widths. Common trends 40-50° and 60-80°, and variable CA with locally complex cross-cutting relationships. Some of the above veinlets, when HL-3mm, appear to be KF(?) only veins.																						
			Biotite as patchy replacement of mafic minerals, individual crystals and clusters. Also as HL veinlets+/-CP+/-BO.																						
			Weak CL as replacement of hornblende and lesser HL to1-2m veinlets+/-CA.																						
			Weak calcite, typically fracture-controlled.																						
			Rare, narrow, to 5mm, pale grey quartz veinlets, variably oriented TCA. Minor red hematite, mostly as coating on fractures in areas of more intense brecciation																						

Primary Interval				Assay Interval			QA/QC	Oxide Facies	Alteration Intensity				Mineralization								Analytical Results			
FROM (m)	TO (m)	LITH CODE	Remarks	From	To	Sample Number	Duplicate / Blank	O/T/S	Biot	Epichl	Kspar	Qtz	Calc	Py %	Py How	Cp %	Cp How	Mg %	Mg How	Min1 Code	Min1 (%)	Sample Wt (kg)	3B Au (ppb)	1DX Au (ppb)	1DX Cu (ppm)
			and healed fractures (HL to 2mm veinlets).																						
			Mineralization is very weak. Commonly as trace CP and lesser bornite (BO) as specks in narrow KF-rich veins and dykelets, and hairline CL+/-BI veinlets.																						
			Rare malachite+/-LI and HM staining on fractures in the upper part of the hole, at 7.6-20.8m.																						
			@15.9m, 4 cm wide, medium grained, mottled grey and red (hematized) dykelets. Diffused UC																						
			17.5-18.3 Rock rubble. Fault zone. Poor core recovery.																						
			19.5-20.0 Strongly fractured, hematite stained syenite. Moderate patchy pink KF(?) alteration.	17.5	20.0	625758		T	1	1	2		1					2	BB			6.9	10	6.1	311
				20.0	22.5	625759		T	1	1	1		1					3	BB	MA	0.01	8.9	2	2.4	230
				22.5	25.0	625760		S	1	1	1		1			0.01	BB	3	BB			8.1	9	4.5	470
			26.5-27.0 Discontinuous, patchy, pink KF alteration (moderate), cut by CL>EP-CA veinlets (fracture-filling). Locally high fracture density, 45-55° and also variable orientations TCA. Fracture-filling is grey KF(?)+/-MG, CL and BI.	25.0	27.5	625761		S	2	1	2		1			0.01	SP	3	BB	BO	0.01	8.1	10	4.9	1416
				27.5	30.0	625762		S	2	1	1	1	1					2	BB			8.6	13	6.0	297
				30.0	32.5	625763		S	1	1	1		1			0.01	SP	2	BB	BO	0.01	7.9	21	22.2	579
			Trace CP and BO(?) specks associated with veining.	32.5	35.0	625764		S	2	1	2	1	1			0.01	SP	2	BB			8.0	10	5.8	240
			35.5-35.6 To 3 cm wide, 60-70° TCA, grey felsic dykelet and numerous <2-4mm, light to med grey aphanitic KF(?) and/or quartz veinlets. Complex cross-cutting relationships. Trace CP specks.	35.0	37.5	625765		S	1	1	2		2					2	BB			8.2	10	2.0	423
				37.5	40.0	625766		S	1	1	1		2					2	BB			8.1	5	10.6	460
			38-38.5 Blocky, broken-up rock. Mottled pale grey and red, medium grained monzonite(?) dyke. Strong oxidation as interstitial replacement (red HM). Secondary CL replacing mafics.																						
			UC is 35° TCA and LC broken core.																						
			39.2-39.4 High density of felsic and KF? veinlets, to 8mm, random trends and complexly cross-cutting. Trace CP and BO fg specks.																						
				40.0	42.5	625767		S	1	1	2		1	0.01	BB	0.01	BB	2	BB			8.1	10	1.8	400
			42.3-42.4 To 2.5cm wide felsic, KF-rich(?) dykelet. UC & LC are sharp at 30 TCA. To 1% CP and <0.5% PY as fg DI and lesser VN. Dykelet cuts earlier to HL to 2mm grey KF veinlets.	42.5	45.0	625768		S	1	1	3		1			0.01	BB	2	BB			7.4	8	4.1	417
			From 44 to 53, increase in intensity of potassic alteration, patchy to lesser pervasive KF and more common fracture-controlled chlorite.	45.0	47.5	625769		S	1	1	2		1			0.03		2	BB			7.8	6	5.8	254
				47.5	50.0	625770		S	1	2	3		1			0.1	BB	3	BB	BO	0.01	7.5	14	3.1	532
				50.0	53.0	625771		S	1	2	1		1			0.05	VN	3	BB	CU	0.01		17	11.1	614
			To 0.1% CP and minor BO as BB, IN and lesser veinlets.																						
			51.5-52.4 Numerous grey KF(?) veinlets and to 1cm wide felsic dykelets, commonly 50° TCA.																						

Primary Interval				Assay Interval			QA/QC	Oxide Facies	Alteration Intensity					Mineralization								Analytical Results			
FROM (m)	TO (m)	LITH CODE	Remarks	From	To	Sample Number	Duplicate / Blank	O/T/S	Biot	Epichl	Kspar	Qtz	Calc	Py %	Py How	Cp %	Cp How	Mg %	Mg How	Min1 Code	Min1 (%)	Sample Wt (kg)	3B Au (ppb)	1DX Au (ppb)	1DX Cu (ppm)
			Trace CP BB. Rare native copper smeared on fractures at 52.0m (75° TCA). Moderate potassic alteration (pink KF and patchy BI replacement).																						
			53.0-55.7 Poorly competent, blocky core w/crumbly section and calcareous gouge.	53.0	56.0	625772		S	1	2	1		2			0.01	BB	2	BB	CU	0.01		9	11.2	725
			Rare specks of native copper and blebby CP.																						
			58.2-61.6 Partly blocky rock w/minor calcareous gouge and HM coating on fractures. The most common set trend 20-30° and 45° TCA.	56.0	59.0	625773		S	1	1	1		1					2	BB	BO	0.01	9.3	11	4.8	442
				59.0	62.0	625774		S	1	1	1		1					2	BB			8.1	18	10.0	512
						625775	Blank															5.1	3	<0.5	26
				62.0	65.0	625776		S	1	1	2		1			0.03	BB	2	BB	BO	0.01	9.6	6	5.4	354
			64.5-65.1 Similar to 58.2-61.6m but fracture coating is mostly calcite. At 64.6-64.8 medium	65.0	68.0	625777		S	1	1	2		1			0.03	BB	2	BB			8.4	11	7.9	573
			67.4-67.6 Medium grey felsic dykelet. Diffused and irregular contacts. Potassic (KF and BI) and propylitic (CL) alteration. To 2% CP BB and DI.																						
			67.6-70.5 Partly blocky core. Increased potassic alteration (moderate, pervasive pink KF) and blebby secondary BI (weak but stronger than above) and fracture-controlled CL. High density of grey HL to 2mm veinlets (KF?), variable orientations TCA.																						
			Occasional red HM (cuprite?) in HL veinlets and fracture coating.	68.0	71.0	625778		S	2	1	3		1					2	BB			8.3	28	12.2	633
			72.6-72.8 Orange and yellow-green, medium grained KF (QZ?)-EP(?) rich dyke(?) breccia, possibly alteration zone. Diffused contacts at 30-40° TCA.	71.0	74.0	625779		S	1	1	2		1			0.05	BB	2	BB			9.6	49	23.9	2065
			72.8-73.5 Moderate to strong, pervasive salmon pink KF alteration and increased BI replacement (potassic altn) below the dyke(?).																						
			To 0.1% CP BB and specks.																						
			75.3-75.4 Purple grey felsic dyke. Jagged and diffused contacts. Trace red, HL fracture-fill (HM?/cuprite?)	74.0	77.0	625780		S	1	1	2		1			0.01	VN	2	BB	BO	0.01	9.8	43	144.4	2097
				77.0	80.0	625781		S	1	1	2		1			0.01	IN	2	BB			7.9	35	59.7	1467
			82.0-82.5 Grey, medium grained dyke. UC at 25 TCA and UP is jugged, undulating and more gradational, aprox at 75° TCA. To 2-3% red specks, cuprite? Moderately calcareous. Stronger KF alteration and more common <3mm grey KF veinlets straddling the dyke. Trace CP specks.	80.0	83.0	625782		S	1	1	3		2			0.01	IN	2	BB			9.1	23	8.4	661
			82.8-83.3 Soft and crumbly fault breccia w/pale grey, calcareous clay gouge. UC is sharp at 50° TCA and rimmed by pale grey, calcareous, to 2cm wide vein w/discontinuous, to 2 mm, selvage at host rock contact). LC is at about 60° TCA.																						
			83.8-84.0 Blocky core. Potassically (KF) altered syenite cut by grey dykelet (monzonite?	83.0	86.0	625783		S	1	1	2		1			0.01	BB	2	BB			10.5	26	15.5	1457

Primary Interval				Assay Interval			QA/QC	Oxide Facies	Alteration Intensity				Mineralization								Analytical Results			
FROM (m)	TO (m)	LITH CODE	Remarks	From	To	Sample Number	Duplicate / Blank	O/T/S	Biot	Epichl	Kspar	Qtz	Calc	Py %	Py How	Cp %	Cp How	Mg %	Mg How	Min1 Code	Min1 (%)	Sample Wt (kg)	3B Au (ppb)	1DX Au (ppb)	1DX Cu (ppm)
			breccia). It consists of subround frags of syenite in monzonite groundmass. Also numerous cross-cutting grey (KF?) veinlets. Trace CP BB.																						
			86.0-86.8 At least 10 grey veinlets, HL to 8mm per 10cm, commonly 55-60° TCA. Patchy KF and BI alteration.																						
			86.8-86.9 Grey-purple dyke. UC is 65° and LC 80° TCA.																						
			86.9-88.4 At least three, 2.5-5 cm and numerous <1cm, grey dykelets. Contacts are 60-70° TCA.	86.0	88.5	625784		S	1	1	2		1					2	BB			7.6	14	17.0	657
			88.4-88.7 Strongly broken, minor crumbly, up with calcareous gouge.																						
			88.7-93.5 Numerous grey veinlets, HL to 2-3mm and wider grey dykelets, to 4cm, commonly >10/10cm. Locally complexly cross-cutting. Patchy salmon pink KF.	88.5	91.0	625785		S	1	1	2		1					2	BB			8.5	8	5.0	486
			Few, narrow blocky sections with clay gouge. Minor bright red cuprite(?) on fractures.	91.0	93.5	625786		S	1	1	2		1					2	BB			8.5	6	6.8	356
			93.5-94.5 Pseudobreccia/breccia at the contact with a felsic dyke. Rock consists of purple grey dyke w/ subordinate sub-angular clasts of syenite. Cut by numerous narrow, grey veinlets.	93.5	95.4	625787		S	2	1	2		1					2	BB			4.6	<2	<0.5	81
			94.5-95.4 Poorly competent core. Both contacts are broken-up. Medium brown-grey, medium grained felsic dyke.																						
			95.4-97.5 Similar to 93.5-94.5m with stronger KF alteration and locally obliterated primary textures. Strongly fractured syenite w/intersections of breccia. The sub-angular clasts of syenite in grey felsic material. Strong salmon pink potassic alteration (pervasive to patchy KF). Commonly fractures are coated with LI. Bright red blebs of cuprite(?) and specks of native Cu (to 0.2%) on fractures and lesser DI.	95.4	98.0	625788		S	2	1	4		1					2	BB	CU	0.2		7	7.4	561
			97.5-99.0 Numerous cross-cutting grey veinlets. Patchy, moderate, salmon pink KF alteration. Minor native Cu DI.	98.0	101.0	625789		S	1	1	2		1					2	BB	CU	0.01		5	7.0	209
			102.1-102.2 Purple-grey dyke breccia with subangular to subround fragments of altered syenite. Trace specks of CP.	101.0	104.0	625790		S	2	1	2		1			0.01	IN	2	BB			9.5	<2	0.9	188
			103.3-103.5 High density of grey veinlets w/complex cross-cutting relationships. Moderate potassic alteration (blebby BI).																						
			To 0.5% CP as BB (surrounding by red cuprite?) and HL VN.																						
			105.2-106.6 High density of HL-2mm, grey veinlets (10-15+/10cm), mostly 45-50° and lesser randomly oriented. These overprinted	104.0	107.0	625791		S	1	1	3		1					2	BB			10.4	5	1.4	394

Primary Interval				Assay Interval			QA/QC	Oxide Facies	Alteration Intensity					Mineralization								Analytical Results			
FROM (m)	TO (m)	LITH CODE	Remarks	From	To	Sample Number	Duplicate / Blank	O/T/S	Biot	Epichl	Kspar	Qtz	Calc	Py %	Py How	Cp %	Cp How	Mg %	Mg How	Min1 Code	Min1 (%)	Sample Wt (kg)	3B Au (ppb)	1DX Au (ppb)	1DX Cu (ppm)
			patchy salmon pink KF alteration.																						
			106.6-107 Poorly competent rock, partly blocky.																						
			107-113 Syenite is mottled beige and creamy, appears to be hard, silicified(?). Some of grey veinlets have BI in the core. Silicification(?) in form pervasive of replacement and minor narrow, dark grey, aphanitic quartz veins, to 1cm, 30° TCA (at 112.6m). Common grey KF-rich(?) veinlets, variable orientations TCA. To 0.03% CP as VN and IN.	107.0	110.0	625792		S	1	1	2	1	1			0.01	IN	2	VN			8.5	20	25.5	623
				110.0	113.0	625793		S	2	1	2	1	1			0.03	VN	2	BB			9.0	31	18.8	1194
			113-113.7 Crumbly core with a strong calcareous clay gouge. Red cuprite(?) on fractures.	113.0	115.0	625794		S	2	1	2		2			0.01	IN	2	BB			5.7	50	35.5	1502
			115.3-117.5 About 70% of this interval consists of heavily broken up, to rubble, syenite with a pale grey, calcareous gouge. Common malachite, red cuprite and rare native copper on fractures. Upper fault contact is at 25° TCA and LC (soft and crumbly) at 30° TCA.	115.0	117.5	625795		S	1	1	2		1					2	BB	MA	0.05	6.6	38	115.1	1496
			117.5-118.4 Strong, intermittent, salmon pink KF alteration. Cut by grey veinlets, mostly random. To 0.3% cuprite as DI and fracture filling.	117.5	120.0	625796		S	2	1	3		1					2	BB			7.4	59	38.9	979
			Late yellow LI(?) as HL veinlets and coating fractures.	120.0	122.5	625797		S	1	1	2		1					2	BB			8.2	59	25.0	1936
			122.1-122.5 Blocky core. Strong salmon pink, KF alteration.	122.5	125.0	625798		S	1	1	2		1			0.1	BB	2	BB	BO	0.01	7.4	42	17.1	1587
			124-124.35 Purple grey, medium grained felsic dyke. Siliceous. To 3-5% red DI and veinlets of HM and/or cuprite? Contacts are sharp, UC at 55° and LC at 40° TCA.	125.0	127.5	625799		S	1	1	3		1			0.03	BB	2	BB	BO	0.05	7.5	69	37.0	2084
			Blebs of CP w/halo of BO at UC.	127.5	129.5	625801		S	2	1	2		1			0.01	BB	2	VN	BO	0.03	7.2	66	69.7	1618
			130.2-131.2 Blebby CP, 2-10mm, and lesser BO, to <0.3%. Also as VN and IN.	129.5	131.2	625802		S	1	1	2		1			0.2	BB	2	BB	BO	0.01	5.7	47	53.1	1864
			Host is moderately KF and BI (potassically) altered syenite with abundant grey KF(?)																						
131.2	**142.8**	**SYEN**	**SYENITE PEGMATITE**																						
			Gradational transition over 2 to 5 cm from coarse grained to very coarse grained, syenite pegmatite, >5mm to 10+ mm. Mottled medium grey-beige and light grey/creamy consisting of 70% KF, 25% plag, 3% HB (BI) and 2% MG.																						
			Grey KF-rich, HL to 2mm veinlets similar to the above (7.6-131.2m), typically <5/10cm variable orientations TCA. Veinlets locally carry blebs of CP and BO.	131.2	133.5	625803		S	1	1	1		1			0.3	BB	2	BB	BO	0.05	7.0	38	27.7	2137
			Not sure about primary versus secondary KF	133.5	136.0	625804		S	1	1	2		1			0.2	BB	2	BB	BO	0.08	8.2	20	11.5	901

Primary Interval				Assay Interval			QA/QC	Oxide Facies	Alteration Intensity					Mineralization								Analytical Results			
FROM (m)	TO (m)	LITH CODE	Remarks	From	To	Sample Number	Duplicate / Blank	O/T/S	Biot	Epichl	Kspar	Qtz	Calc	Py %	Py How	Cp %	Cp How	Mg %	Mg How	Min1 Code	Min1 (%)	Sample Wt (kg)	3B Au (ppb)	1DX Au (ppb)	1DX Cu (ppm)
			(extent of potassic alteration). Weak, patchy salmon pink to orange brown KF below 135m. Hornblende is often being replaced by BI and lesser CL.																						
			To 0.3% CP and <0.1% BO as HL veinlets and BB. CP as mg to cg blebs (5-8mm diameter), in the upper part of this unit (132.2-133.5m). BO occurs intimately associated with CP, as smaller blebs and discontinuous VN.																						
			135.2-135.35 Partially crumby and soft rock w/gouge. Dark grey (graphitic?)-CA-CP (blebs) veining, 70° TCA.	136.0	138.5	625805		S	1	1	3		1			0.05	BB	2	BB	BO	0.08	7.2	38	21.4	903
				138.5	140.5	625806		S	1	1	3		1			0.1	VN	2	BB	BO	0.1	5.7	53	36.4	2468
			141.73-142 Medium grey, mottled red felsic dyke. Diffused contacts at 40° TCA. Strong interstitial HM.	140.5	142.8	625807		S	1	1	3		1			0.1	BB	2	BB	BO	0.05	7.6	27	20.5	1369
142.8	**176.8**	**HSYE**	**ALTERED HORNBLENDE SYENITE**																						
			Gradational transition over 10 cm to coarse grained, weakly magnetic syenite, similar to 7.6-																						
			Generally high density of grey KF(?) veinlets, 7-10 and lesser 10+/10cm, HL to 5mm, 45-60° TCA . These commonly carry chalcopyrite and lesser bornite.	142.8	145.0	625808		S	1	1	1		1			0.01	IN	2	BB	BO	0.01	7.5	30	20.6	1007
			Alteration is similarly weak, patchy and discontinuous KF (orange to salmon pink).	145.0	147.5	625809		S	1	1	2		1			0.2	BB	2	BB	BO	0.01	8.0	18	42.6	956
				147.5	150.0	625810		S	1	1	2		1			0.1	BB	2	BB	BO	0.01	8.2	105	27.9	931
			BI as domainal replacement of individual crystals and clusters of hornblende and rare narrow veinlets, associated with grey KF veinlets. Weak CL (after HB) and rare fracture-controlled CL+/-CA+/-EP. Mineralization: CP>>BO, to 0.2% and 0.1%, respectively, as blebs, veinlets and interstitial fill, closely associated with grey KF(?) veining. Rare red, massive cuprite(?) on fractures.																						
			152.4-152.9 Blocky core. Fracture coated with calcareous clay.	150.0	152.5	625811		S	1	1	2		1			0.1	BB	2	BB	BO	0.03	7.5	52	43.3	1475
				152.5	155.0	625812		S	1	1	3		2			0.05	BB	2	BB	BO	0.03	7.4	50	26.9	1619
			155.4-155.65 Numerous grey-pink KF veinlets and to 1-2cm pink, KF altered felsic dykelets. Complex cross-cutting relationship. To 0.6% CP BB and fracture-filling. Strong potassically (KF) altered syenite host. CL-EP filled fractures.																						
			155.65-156 Purple grey, medium grained felsic dyke. UC is irregular and LC is diffused, trending at 70° TCA. CL disseminations after HB(?), to 10% and lesser red HM specks.																						
			156-156.4 At least 3, to 3cm wide felsic dykelets, 50-60° TCA, similar in composition to above 155.65-156m. Moderate patchy KF. Trace CP specks in the host syenite.	155.0	157.5	625813		S	1	1	3		1			0.03	BB	2	BB	BO	0.01	9.2	18	17.7	760
				157.5	160.0	625814		S	1	1	2		1			0.01	BB	2	BB	BO	0.01	7.7	56	170.3	1010
				160.0	162.5	625815		S	1	1	1		1			0.01	BB	2	BB			8.3	37	51.6	1065

Primary Interval				Assay Interval			QA/QC	Oxide Facies	Alteration Intensity					Mineralization								Analytical Results			
FROM (m)	TO (m)	LITH CODE	Remarks	From	To	Sample Number	Duplicate / Blank	O/T/S	Biot	Epichl	Kspar	Qtz	Calc	Py %	Py How	Cp %	Cp How	Mg %	Mg How	Min1 Code	Min1 (%)	Sample Wt (kg)	3B Au (ppb)	1DX Au (ppb)	1DX Cu (ppm)
			164.6-165.05 Blocky and partly broken core w/calcareous clay gouge at 30° TCA. To 2-3% red specks (HM, possibly cuprite?)	162.5	165.0	625816		S	1	1	1		1			0.01	BB	2	BB			8.5	46	29.1	1051
				165.0	167.5	625817		S	1	1	2		1			0.01	BB	2	BB	BO	0.01	8.1	38	63.2	908
			168.8-169.6 Partly blocky core. Stronger, patchy pink KF alteration. Also numerous variably oriented HL to 2mm grey veinlets (KF?).	167.5	170.0	625818		S	1	1	3		2			0.01	BB	1	BB	BO	0.01	7.4	57	16.6	1330
			Common bright red, massive cuprite(?) coating fracture surfaces. Associated yellow LI(?) and occasional epidote. Fractures trend at 20-30° and 70-80° TCA.																						
			169.6-176.8 Poorly competent core over most of the length of this interval, >75%.	170.0	172.3	625819		S	1	1	3		2					1	BB	MA	0.01	6.9	55	28.6	1790
			About 30% crumbly core with clay gouge. Generally strongly argillized feldspars.																						
			Overall moderate potassic alteration, patchy KF and BI, latter also in narrow grey veinlets.																						
			Weak but stronger than above fracture-controlled calcite.																						
			Massive, red cuprite(?) on fractures throughout this interval (<0.3%). Locally red specks of native Cu.																						
			From 169.6-170.4m, crumbly core with strong gouge. Mottled pink and grey and green syenite breccia. Strong KF and lesser BI alteration. Fracture-controlled CL-EP-red cuprite(?)-brick-red HM and lesser malachite (<0.5%).																						
			From 172.35 to 173.5m, a long, medium brown sandy seams with about 20% crumbly, altered syenite.	172.3	174.3	625820		S	1	1	3		2					1	BB			5.8	29	29.4	858
			173.5-176.8 About 35% crumbly rock, strongly argillized with clay gouge. Common fracture-controlled CA>EP-red cuprite(?).	174.3	176.8	625821		S	1	1	2		2					1	BB			3.4	57	40.0	997
176.8	**183.4**	**SYEN**	**FINE GRAINED SYENITE DYKE**																						
			Sharp upper contact at 40° TCA. It is rimmed by to 1cm MG-HM-CL-rich banded vein.	176.8	178.8	625822		S		1			2									5.8	2	2.1	102
			Rock is homogenous, massive, medium pink grey with locally grey-green tint. It fine grained to lesser weakly porphyritic w/to 15% pale grey, 1-2mm euhedral plag and 3-5% chloritized HB laths, 1-3mm. Matrix is fg felsic, syenite(?) in composition.	178.8	181.8	625823		S		1			2									9.0	<2	<0.5	79
			Non-magnetic. No visible sulfides.																						
			Alteration assemblage is not obvious. Pink feldspar is primary or secondary replacement (potassic alteration?). Locally mottled pink KF centered on HL fractures, more common below 181m.	181.8	183.4	625824		S		1	2		2									5.5	<2	3.0	69
						625825	Blank	S	1	1	2		1									4.6	<2	<0.5	19

Primary Interval				Assay Interval			QA/QC	Oxide Facies	Alteration Intensity				Mineralization								Analytical Results			
FROM (m)	TO (m)	LITH CODE	Remarks	From	To	Sample Number	Duplicate / Blank	O/T/S	Biot	Epichl	Kspar	Qtz	Calc	Py %	Py How	Cp %	Cp How	Mg %	Mg How	Min1 Code	Min1 (%)	Sample Wt (kg)	3B Au (ppb)	1DX Au (ppb)	1DX Cu (ppm)
			Weakly chloritized amphiboles and lesser chlorite as fracture-filling.																					
			Minor fracture-controlled HM.																					
			Lower contact is brecciated over 2-3cm, at 30° TCA.																					
183.4	**189.4**	**HSYE**	**ALTERED HORNBLENDE SYENITE**																					
			Poorly competent, broken up core over most of this interval, >80%. Narrow intervals with pale grey calcareous gouge.																					
			Mottled salmon pink and creamy, moderate to strong potassically altered syenite with partially obliterated primary textures.																					
			Generally strong fracturing and brecciation.	183.4	186.4	625826		S	2	1	2		1					0.5	BB	BO	0.01		<2	15.4	701
			To 5-7% chloritized hornblende. Weak magnetite, replacement BB (after HB), trace to <0.5%.	186.4	189.4	625827		S	1	1	4		1					0.5	BB	MA	0.1		<2	36.5	1077
			Moderate abundance of cross-cutting narrow grey (KF?) veinlets, <5-7/10cm on average.																					
			Mineralization is dominated by fracture-controlled red cuprite(?), to 0.2%, lesser malachite (<0.1%) and rare (trace) specks of native copper. Very rare specks of BO (trace) associated with grey veinlets.																					
			Locally strong HM/LI(?) coating fracture surfaces in areas of more intense fracturing.																					
189.4	**198.6**	**SYBX**	**ALTERED SYENITE BRECCIA**																					
			Strongly brecciated and altered syenite/syenite crackle breccia. Obliterated primary texture by strong brecciation and fracturing.																					
			Mottled pink-orange and dark green and purple-red with pervasive, moderate to strong potassic alteration (KF replacement) and fracture-controlled variable intensity of CL>>EP (propylitization). Propylitization increases down-hole from weak to strong. Trace magnetite interstitial infill>blebs.																					
			Mineralization is overall weak. It occurs as, occasional fracture-controlled red cuprite (?) and associated minor specks of native Cu.	189.4	192.4	625828		S	1	2	4		2					0.5	BB	CU	0.01		<2	102.4	564
				192.4	194.4	625829		S		2	3		2					0.5	BB			6.2	13	5.9	665
			Strong fracture-controlled reddish brown HM throughout this unit.	194.4	196.6	625830		S		4	2		2					0.01	IN			6.4	11	10.7	436
			191.7-192.4 Fine to medium grained, medium grey to purple grey felsic dyke. UC is diffused at 45° to CA. LC is broken-up.																					
			Sheared chloritic lower contact zone, 3 cm wide, at 30° TCA, with underlying leucocratic, fine grained syenite.	196.6	198.6	625831		S		4	1		2					0.01	IN			6.4	9	5.9	547

Primary Interval				Assay Interval			QA/QC	Oxide Facies	Alteration Intensity					Mineralization								Analytical Results			
FROM (m)	TO (m)	LITH CODE	Remarks	From	To	Sample Number	Duplicate / Blank	O/T/S	Biot	Epichl	Kspar	Qtz	Calc	Py %	Py How	Cp %	Cp How	Mg %	Mg How	Min1 Code	Min1 (%)	Sample Wt (kg)	3B Au (ppb)	1DX Au (ppb)	1DX Cu (ppm)
198.6	**276.0**	**MONZ**	**FINE GRAINED LEUCOCRATIC MONZONITE/SYENITE**																						
		SYEN	Fine grained, light grey-green to creamy/tan leucocratic monzonite/syenite(?) with common purple and lesser hairline HM and specular HM veining. Strong purple HM interstial and patchy replacement in the upper part of the hole (198.6-199.6m). Strong bleaching over most of the length of this unit with obliterated primary textures. Non-magnetic.	198.6	201.6	625832		S		2		2	1			0.01	BB					8.8	<2	<0.5	12
			Very hard, difficult to scratch. Moderate pervasive silicification (?)/syenite or primary silica, monzonite to quartz monzonite(?) Rare, discrete, to 1cm wide, irregular white quartz veins and irregular lenses. These form <1% of rock volume. Also fracture-controlled bleaching (silicification?) forming narrow, <0.5cm, pale grey/tan cross-cutting "bands" with diffused boundaries.	201.6	204.6	625833		S		1		2	1									8.9	<2	<0.5	55
				204.6	207.6	625834		S		1		2	1									8.1	<2	<0.5	25
			Not clear about potassic (KF) alteration. The orange-yellow colouration due to HM staining or KF replacement(?)	207.6	210.6	625835		S		1		2	1			0.01	BB					8.3	<2	4.6	21
			Weak fracture-controlled calcite and minor chlorite, open fracture coating and microfracture-filling, variable orientations TCA. CL is also observed replacing mafic minerals in monzonite/syenite.	210.6	213.6	625836		S		1		2	1									8.9	<2	1.4	70
				213.6	216.6	625837		S		1		2	1									9.2	<2	2.0	18
			Mineralization is extremely sparse. Small blebs of CP associated with quartz veining.																						
			Common fracture sets at 20-30°, 45° and 60-70° TCA.																						
			From 206.1 to 204.7m, monzonite/syenite crackle breccia, strong hairline HM>CL-CA filling.																						
			216.3-216.5 Irregular, brecciated white quartz lenses and veinlets. Black HM filling HL fractures.	216.6	219.6	625838		S		1		2	1									8.7	<2	2.1	3
				219.6	222.6	625839		S				2	1									9.0	<2	1.2	20
			Below 225m, more obvious mottled pale yellow orange to tan and patches of grey-green. Silicification appears to be stronger, pervasive and lesser patchy/discontinues. Rare quartz lenses and irregular veinlets.	222.6	225.6	625840		S				2	1									9.3	4	1.2	4
				225.6	228.6	625841		S		1		3	1									8.6	<2	1.3	5
			To 1-3% black specular HM specks and crystals, <0.5 to 1-2mm and rare blebs >3 mm.																						
			From 229.2 to 234.9m, about 15-20% medium grey-green, fine grained, equigranular "ghosts", 2 to >5+ cm and narrow, to 30cm wide sections, of weakly altered syenite consisting of about 20% chloritized mafics (hornblende).	228.6	231.6	625842		S		1		3	1									8.7	2	2.2	37
				231.6	234.6	625843		S		2		2	1									9.1	<2	1.5	98
				234.6	237.6	625844		S		1		3	1									9.1	<2	2.2	3
				237.6	239.6	625845		S		1		3	1									7.7	<2	1.3	6

Primary Interval				Assay Interval			QA/QC	Oxide Facies	Alteration Intensity					Mineralization								Analytical Results			
FROM (m)	TO (m)	LITH CODE	Remarks	From	To	Sample Number	Duplicate / Blank	O/T/S	Biot	Epichl	Kspar	Qtz	Calc	Py %	Py How	Cp %	Cp How	Mg %	Mg How	Min1 Code	Min1 (%)	Sample Wt (kg)	3B Au (ppb)	1DX Au (ppb)	1DX Cu (ppm)
			@234.4m, coarse blebs of chloritized HB.																						
			241-249.5 Similar to above (229.2-234.9m), mottled grey-green (CL altered) and tan to yellow orange (SI-HM>>SE?) syenite. Increasingly more common grey-green, weakly altered, mostly chloritized (<SI altered) syenite.	239.6	242.6	625846		S		1		2	1									8.8	<2	1.3	4
				242.6	245.6	625847		S		1		2	2									10.2	<2	2.0	141
				245.6	248.6	625848		S		1		3	1									9.2	<2	6.5	152
			Strong overprinting, bleaching, mostly silicification(?). Some bleaching straddles HL fractures forming to 1cm wide alteration banding, variably oriented TCA. Ubiquitous disseminated, blebby and veined HM and specular HM. Obliterated primary textures by alteration.																						
			Moderate to locally strong microfracturing w/calcite filling. Weak fracture-controlled CL.																						
			From 248.8 to 250m, a network of undulating, vuggy calcite stringers, <0.5-1cm wide, approx trend at 30° TCA.	248.6	251.6	625849		S		1		3	2									9.8	<2	1.8	8
				248.6	251.6	625850	Duplicat	S		1		3	2									10.3	<2	0.6	5
			250-260.6 More intense microfracturing with higher density of HL to 1-2mm calcite infilling. At 254-254.15m, calcite stringers, white, vuggy and trending about 35° TCA.	251.6	254.6	625851		S		1		3	2									8.9	<2	0.6	9
				254.6	257.6	625852		S		1	1	3	2									9.0	<2	<0.5	5
				257.6	260.6	625853		S		1	1	2	2									10.5	<2	1.4	7
			Host is mottled medium grey and bleached, tan to creamy, variably altered, mostly silicified monzonite/syenite, similar to above. Silicification is pervasive and intermittent. Less commonly, it is centered on fractures forming bleached, narrow (<1cm), randomly oriented bands.																						
			From 257 to 259.1m, at least five, <0.3 to 0.5 cm wide, salmon pink KF veinlets w/diffused boundaries. Veinlets are centered on HL fractures (+/-CA filled), 60-90° TCA.																						
			@261.8m very coarse, pegmatitic epidote and interstitial calcite-HM in silicified host monzonite/syenite.	260.6	263.6	625854		S		2	1	2	1									9.7	<2	1.0	6
			262.3-264 Medium grained, orange-yellow to tan, silicified interval. Common veining, red HM and pink KF, to 2-3mm, <1-3/10cm, average, 70-80° TCA.	263.6	266.6	625855		S		1	1	2	1									9.1	<2	<0.5	8
			264.7-265.2 Rare pink KF and HM veining. Patchy orange staining (HM?).																						
			265.8-269.6 Mg to cg, patchy KF and/or SI alteration in fg, bleached syenite. To 1-2% HM as clusters, veinlets and interstitial filling. Partly blocky, poorly competent rock.	266.6	269.6	625856		S		1	2	2	1									9.3	<2	2.2	9
			269.6-273.4 Partially broken up core below 271.6m. Strong fracturing w/chloritized fracture surfaces. Also increase in the chloritized mafic	269.6	272.0	625857		S		2	1	2	2									8.4	<2	2.5	102
				272.0	274.0	625858		S		2		2	2									5.8	3	4.2	256

Primary Interval				Assay Interval			QA/QC	Oxide Facies	Alteration Intensity					Mineralization								Analytical Results			
FROM (m)	TO (m)	LITH CODE	Remarks	From	To	Sample Number	Duplicate / Blank	O/T/S	Biot	Epichl	Kspar	Qtz	Calc	Py %	Py How	Cp %	Cp How	Mg %	Mg How	Min1 Code	Min1 (%)	Sample Wt (kg)	3B Au (ppb)	1DX Au (ppb)	1DX Cu (ppm)
			component of the host rock, medium grained hornblende syenite, to 10% HB as individual crystals and clusters.																						
			Rare HL KF veinlets.																						
			273.4-276.4 Medium grey to lesser mottled tan, fine to medium grained, equigranular syenite/monzonite(?) Patchy silicification and lesser KF(?) alteration. To 3-5% red HM disseminations and staining. Carbonatization increasing down hole, as	274.0	276.0	625859		S		2		2	3									7.6	<2	2.3	7
			Weak CL on fractures.																						
276.0	**282.5**	**MFDK**	**MAFIC DYKE**																						
			Sharp and sheared upper contact w/strong calcite. Trend is at 45° TCA.																						
			Dark grey-green, aphanitic, mafic in composition (basalt?). Weakly calcareous as late calcite veining, HL to 1.5 cm, variably oriented.																						
			Minor, <1-2% calcite filled amygdules, <1mm and subordinate euhedral calcite crystals, 1-2mm. Minor calcite-basalt breccia veins.																						
			279.6-279.9 Strong calcite veining, commonly 30°, 45° and 70° TCA, <3-15mm widths. Some brecciated. 280.3-280.4 En echelon, 1-3mm, calcite veinlets, 80° TCA.																						
			280.4-280.6 Calcite-basalt breccia vein, to 2cm, 35° TCA.																						
282.5	**300.2**	**HSYE**	**ALTERED HORNBLENDE SYENITE**																						
			Lower contact with mafic dyke is sharp, trending 35° TCA.																						
			Mottled medium grey-green and creamy to tan to orange-pink, fine to medium grained, hornblende bearing syenite, to 12-15% dark green, chloritized, euhedral HB. Specular HM occurs as fg to mg DI, veinlets and fracture filling, 1-3%.	282.5	285.5	625860		S		1	1	1	2			0.01	SP					9.1	<2	0.7	13
			Weak, patchy potassic (pink KF) alteration(?), increasing down-hole. From 282.5 to 290.9m, occasional bleaching to tan-pink straddling HL fractures, forming variably trending alteration "banding" with diffused boundaries (KF alteration?) Pervasive silicification, weak?	285.5	288.5	625861		S		1		1	1									9.6	<2	2.6	8
				288.5	291.5	625862		S		1	2	1	1									10.2	<2	1.3	10
			Fracture-controlled calcite, weak, as HL to 1mm, variably oriented veinlets. CL replacing mafic minerals, HB, and rare EP patchy replacement.																						

Primary Interval				Assay Interval			QA/QC	Oxide Facies	Alteration Intensity					Mineralization								Analytical Results			
FROM (m)	TO (m)	LITH CODE	Remarks	From	To	Sample Number	Duplicate / Blank	O/T/S	Biot	Epichl	Kspar	Qtz	Calc	Py %	Py How	Cp %	Cp How	Mg %	Mg How	Min1 Code	Min1 (%)	Sample Wt (kg)	3B Au (ppb)	1DX Au (ppb)	1DX Cu (ppm)
			Mineralization is very sparse as isolated CP specks. Only once occurrence at mafic dyke/syenite contact.																						
			290.9-300.2 Dominantly mottled tan to creamy and orange-pink, strongly altered syenite. Leucocratic. Obliterated primary textures with rare patchy ghosts of hornblende syenite (to 292.2m).	291.5	294.5	625863		S		1	2	2	1									9.5	<2	0.6	20
				294.5	297.5	625864		S		1	3	2	1									9.5	3	1.7	9
				297.5	300.2	625865		S		1	3	2	1									8.4	<2	1.1	24
			Not certain about the occurrence of secondary, medium grained KF. Weak to moderate KF alteration(?)																						
			To 3% red HM DI, blebs/clusters and fracture-filling and lesser black HM clusters.																						
			Minor EP as interstitial replacement and fracture filling.																						
300.2			**EOH**																						

Hole ID: 784-08-06 **East:** 632366
North: 5686481
Site# T-E-01 **Elev:** 1061.7

DISCOVERY CONSULTANTS
Project: Rayfield River
Client: Callinan Mine
Diamond Drill Hole

Az:
Dip: -90°
Depth: 291.0m
Core Size: NTW

Start Date: 2008.01.28
End Date: 2008.02.03
Geologist: D. Duba

Primary Interval				Assay Interval			QA/QC	Oxide Facies	Alteration Intensity				Mineralization								Analytical Results			
FROM (m)	TO (m)	LITH CODE	Remarks	From	To	Sample Number	Duplicate / Blank	O/T/S	Biot	Epichl	Kspar	Qtz	Calc	Py %	Py How	Cp %	Cp How	Mg %	Mg How	Min1 Code	Min1 (%)	Sample Wt (kg)	3B Au (ppb)	1DX Au (ppb)	1DX Cu (ppm)
0.0	**9.1**	**CASE**	**CASING/OVERBURDEN**																						
9.1	**27.4**	**HSYE**	**STRONGLY OXIDIZED AND FRACTURED SYENITE?**																						
			Heavily broken-up and poorly competent, strongly oxidized rock. Extensively fractured, yellow brown (oxidized), pale grey to creamy, medium to coarse grained syenite(?) and hornblende syenite. Obliterated primary textures by strong fracturing and oxidation. Rock consists of Kspar/plag (to 75%), Qz >10%(?), HB 10%, 2-5mm crystals and clusters and HM <3-5%. HB is commonly chloritized and lesser replaced by specular HM. Minor narrow, fg grey, cross-cutting felsic																						
			Moderate, pervasive silicification. Carbonatization is weak to moderate, dominantly fracture-controlled as microfracture filling.																						
			LI and Mn-oxide and lesser HM>CL coating fracture surfaces.																						
			9.1-19.9 Extremely blocky, poorly competent core with narrow sections of strong clay gouge. Very poor core recovery and RQD. Strong fracturing/brecciation accompanied by fracture-controlled LI, HM and Mn-oxide.	9.1	12.1	625866		T				2	3							LI	10	4.8	2	3.0	77
				12.1	14.1	625867		T				2	2							LI	10	3.6	<2	<0.5	17
				14.1	16.1	625868		T				2	3							LI	10	6.5	<2	1.9	14
				16.1	19.1	625869		T				2	3							LI	10	4.4	<2	2.1	116
			Below 19.9m, rock is more competent but still blocky with rusty-yellow gouge. Strong oxidation to 21.3m.	19.1	21.1	625870		T		1		2	3							LI	10	5.3	3	2.0	132
				21.1	23.1	625871		T		1		2	2							LI	10	6.4	<2	0.8	29
				23.1	25.1	625872		T		1		2	2							LI	10	5.5	<2	1.5	53
			24.9-25.6 Grey felsic dyke-syenite breccia. Fragment supported (to 60%) with subangular to subround fragments of cg, pink-orange syenite in fg grey groundmass.	25.1	27.4	625873		T		1		1	2							LI	5	6.9	<2	1.1	147
27.4	**45.9**	**HSYE**	**ALTERED HORNBLENDE SYENITE/SYENITE BRECCIA**																						
		SYBX	Similar to above, 9.1-27.4m, but less fractured and only rarely oxidized. However, intermittent intense fracturing with crackle breccia and breccia intersections throughout this unit.																						
			Pale grey to lesser tan, medium to coarse grained, variably altered syenite and hornblende syenite.																						
			Cut by pale grey, fine grained felsic dykes.																						
			Weak to moderate pervasive and fracture-controlled (narrow veining) silicification. Weak to locally moderate chlorite, as fracture-																						

Primary Interval				Assay Interval			QA/QC	Oxide Facies	Alteration Intensity					Mineralization								Analytical Results			
FROM (m)	TO (m)	LITH CODE	Remarks	From	To	Sample Number	Duplicate / Blank	O/T/S	Biot	Epichl	Kspar	Qtz	Calc	Py %	Py How	Cp %	Cp How	Mg %	Mg How	Min1 Code	Min1 (%)	Sample Wt (kg)	3B Au (ppb)	1DX Au (ppb)	1DX Cu (ppm)
			controlled, HL to <2mm veins and coating on fractures. Weakly magnetic, trace to 0.1% MG as rare HB replacement, BB and <clusters. Dark grey/black disseminated, blebby and veined HM (to 5%).																						
			27.4-33.7 Intermittent strong fracturing with associated moderate to locally strong Mn-oxide > CL and rare LI, as filling and coating on fractures. Narrow sections of soft and crumbly rock w/clay gouge (30.9-31.05m and 32.8-32.95m).	27.4	30.4	625874		S		2			2							LI	2	9.1	<2	<0.5	10
				30.4	33.4	625875		S		2			2									9.2	<2	0.5	28
				33.4	36.4	625876		S		1		1	2									9.1	<2	0.6	24
			Host rock is bleached to pale grey/creamy to orange-pink syenite/hornblende syenite intercalated with about 80% syenite crackle breccia and breccia. Latter w/angular fragments in a grey felsic groundmass +/- chlorite-rich fracture filling.																						
			From 27.7 to 28.5m, pale grey, fine grained felsic dyke. Upper contact is irregular and diffused, lower contact is broken up. Obliterated igneous texture. Spherical pitted surface, <1-2mm, with calcite filling.																						
			33.7-36.7 Pale to med grey, breccia>crackle breccia. Breccia is fragment-supported w/pale grey, subangular to subround frags in a medium grey, fg siliceous groundmass. Pervasive silicification. Fracture-controlled CL>specular HM.																						
			36.7-37.2 Pale orange-pink HB bearing syenite. Patchy moderate KF alteration(?). Minor grey, felsic veinlets.	36.4	39.4	625877		S		2	1	1	2			0.05	BB	0.1	BB			9.8	2	3.4	241
			37.2-38.1 Gradational transition from above HB syenite to pale grey, siliceous breccia.																						
			38.1-39.4 Similar to 36.7-37.2m. Intense veining, red HM, <1 to 3mm, 70-75° TCA and on average >5/10cm. To 0.1% blebby CP.																						
			39.4-40.7 Similar to 33.7-36.7m. Silicified breccia and crackle breccia.	39.4	42.0	625878		S	1	1		2	2					0.1	BB			7.8	<2	1.6	105
			40.7-41.2 Transitional zone, bleached pale grey hornblende syenite, very hard, silicified.																						
			41.9-42.7 Medium grey, fg felsic dyke. HM>CL filled HL fractures, 30° TCA. Weakly calcareous. UC is sharp at 45° TCA, LC is undulating and gradational to pale grey, siliceous breccia. To 0.3% CP as DI.	42.0	44.0	625879		S		1		2	2			0.01	DI	0.1	BB			7.1	<2	0.6	60
			42.7-45.8 Similar to 33.7-36.7m. Minor purple grey,<3mm veinlets last 30 cm of this interval.	44.0	45.9	625880		S		1		2	2									5.9	<2	0.7	34
45.9	**51.2**	**SPOR**	**FELSIC DYKE (SYENITE PORPHYRY?)**																						
			Upper contact is undulating and diffused and																						

Primary Interval				Assay Interval			QA/QC	Oxide Facies	Alteration Intensity					Mineralization								Analytical Results			
FROM (m)	TO (m)	LITH CODE	Remarks	From	To	Sample Number	Duplicate / Blank	O/T/S	Biot	Epichl	Kspar	Qtz	Calc	Py %	Py How	Cp %	Cp How	Mg %	Mg How	Min1 Code	Min1 (%)	Sample Wt (kg)	3B Au (ppb)	1DX Au (ppb)	1DX Cu (ppm)
			lower contact is broken up.																						
			Tan to creamy and minor grey, KF>HB porphyritic felsic dyke. To 15% salmon pink KF, 1-3mm, 5-8% calcite (after HB?) and <3-5% HB phenocrysts, HB as "ghosts" being replaced by																						
			CA and BI(?) in an aphanitic to fg, siliceous	45.9	48.8	625881		S		1	1	1	3			0.01	BB					8.9	<2	0.6	5
			(silicified?), tan groundmass.	48.8	51.2	625882		T		1	1	1	3									7.0	<2	<0.5	20
			KF phenocrysts appear to be replacement after plagioclase(?)/primary KF?																						
			Occasional CL and >LI coating on fractures.																						
			Not certain about the alteration, weak KF, SI and propylitization (CL-CA).																						
51.2	**69.5**	**HSYE**	**STRONGLY FRACTURED HORNBLENDE SYENITE/ SYENITE BRECCIA**																						
		SYBX	Strongly fractured/brecciated hornblende syenite with extensive fracture-controlled LI, Mn-oxide and lesser HM.																						
			Blocky, poorly competent rock over >80% of this unit.																						
			Syenite is medium to coarse grained, mottled creamy and orange-pink, hornblende-bearing (to 10-15%). Similarly to 27.4-45.9m, it is invaded by grey felsic dyke forming crackle breccia and breccia zones.																						
			52.5-55.9 Blocky, strongly fractured and																						
			brecciated core over most of this interval.	51.2	54.2	625883		T		1		2	2									10.0	<2	2.0	132
			Hornblende syenite-grey dyke breccia.	54.2	57.2	625884		T		1	2	1	2							MA	0.01		<2	3.7	237
			Pervasive silicification.			625885	Blank															5.3	<2	1.5	22
			Strong Mn-oxide>LI and specular HM on fractures. Rare fracture-controlled red cuprite(?).																						
			55.9-57.5 Hornblende syenite, medium to coarse, mottled creamy to pink-orange, patchy KF altered. Minor fracture-controlled specks of malachite, native copper and more common cuprite(?).																						
			Red HM on fractures.																						
			57.5-62.0 HB syenite with common grey felsic	57.2	60.2	625886		T		1		2	2							LI	5	10.4	<2	2.2	92
			dyke breccia zones.	60.2	63.2	625887		T		1		2	3							LI	3	6.9	<2	0.6	86
			Strong fracture-controlled Mn-oxide, lesser LI and HM.																						
			62-64.4 Fault zone. Extremely crumbly rock with strong LI-Mn-oxide-HM-rich calcareous clay gouge.																						
			More competent zone from 62.48 to 63.01m.																						
			Obliterated primary textures by strong fracturing and fracture-controlled oxidation. Host is pale grey/off-white silicified syenite breccia. Strongly argillized feldspars.																						
			64.4-69.5 More competent core than above.	63.2	65.2	625888		T		1		2	2							LI	3	11.4	<2	1.2	89
			However, heavily fractured, pale grey to off white	65.2	69.5	625889		T		1		2	2							LI	3	11.0	<2	1.6	29

Primary Interval				Assay Interval			QA/QC	Oxide Facies	Alteration Intensity					Mineralization								Analytical Results			
FROM (m)	TO (m)	LITH CODE	Remarks	From	To	Sample Number	Duplicate / Blank	O/T/S	Biot	Epichl	Kspar	Qtz	Calc	Py %	Py How	Cp %	Cp How	Mg %	Mg How	Min1 Code	Min1 (%)	Sample Wt (kg)	3B Au (ppb)	1DX Au (ppb)	1DX Cu (ppm)
			altered syenite breccia. Pale grey, bleached HB syenite fragments in a fine grained grey felsic groundmass. Lesser crackle breccia intercalations. Strong fracture-controlled LI, HM>>CL.																						
69.5	**74.7**	**HSYE**	**FAULT ZONE/HORNBLENDE SYENITE AND LESSER HB SYENITE BRECCIA**																						
		SYBX	Fault zone. Extremely broken up and shattered rock with crumbly sections and CA-CL-rich clay gouge. Significant fracture-controlled Mn-oxide-LI-HM>CL-CA.																						
			Host rock is similar to above 51.2-69.5m, variably bleached to pale grey/creamy and lesser patchy pink (KF altered) hornblende syenite breccia w/medium grey felsic material as groundmass. Mostly fragment supported. Also intercalation of altered hornblende syenite w/obliterated primary textures.	69.5	72.5	625890		T		2	1	1	2							LI	5	7.7	5	2.7	243
				72.5	74.7	625891		T	1	1		2	2							LI	8	5.5	2	2.2	174
			HB is largely replaced by BI and locally specular HM. KF alteration is moderately developed over narrow widths (<0.5m). Pervasive silicification.																						
74.7	**91.4**	**BXSY**	**STRONGLY FRACTURED SYENITE BRECCIA**																						
		HSYE	Similar to 51.2-69.5m. However, more competent, less blocky than above 69.5-74.7m. About 30% of this interval is very blocky w/shattered core accompanied by LI-CA-rich clay gouge.																						
			Mottled grey and creamy off white syenite breccia (~80% of rock volume) is intercalated with lesser (20%) hornblende syenite. Breccia is fragment to minor matrix supported. Hard, siliceous (silicified?). Weakly calcareous, interstitial and fracture-controlled calcite.																						
			LI-HM and rare Mn-oxide on fractures.	74.7	77.7	625892		T		1	2	2	2							MA	0.01	7.6	5	7.4	554
			From 75.8 to 76.0m, rare mineralization as specks of malachite on fractures . Host is moderately potassically altered (KF & BI) pinkish grey, mg to cg HB syenite.	77.7	80.7	625893		T		1		2	2							LI	2	7.7	<2	<0.5	23
				80.7	83.7	625894		S		1		2	1							LI	2	9.9	4	<0.5	37
				83.7	86.7	625895		S		1		2	2									9.5	<2	<0.5	21
				86.7	89.3	625896		S		1	1	2	2									7.0	<2	0.6	62
			89.3-91.4 Faulted interval. Heavily broken-up core with gouge rich sections. Host is pale grey/creamy HB syenite w/strong fracture-controlled LI-HM-CA. Strongly argillized feldspars.	89.3	91.4	625897		S		1		1	2									5.6	<2	<0.5	3
91.4	**124.8**	**SPOR**	**SYENITE(?) PORPHYRY**																						
			Faulted upper contact of medium to coarse																						

Primary Interval				Assay Interval			QA/QC	Oxide Facies	Alteration Intensity					Mineralization								Analytical Results			
FROM (m)	TO (m)	LITH CODE	Remarks	From	To	Sample Number	Duplicate / Blank	O/T/S	Biot	Epichl	Kspar	Qtz	Calc	Py %	Py How	Cp %	Cp How	Mg %	Mg How	Min1 Code	Min1 (%)	Sample Wt (kg)	3B Au (ppb)	1DX Au (ppb)	1DX Cu (ppm)
			hornblende syenite and porphyritic finer grained felsic intrusive, syenite(?) in composition. Overall, moderately to strongly fractured with blocky core to 108.7m, and continuous fracture-controlled LI, Mn-oxide, CL and CA.																						
			Medium grey and grey-green, mottled creamy to off-white (SI and argillized feldspars) and salmon pink (KF) fine grained, equigranular to porphyritic syenite w/phenocrysts, plag (<5-25%, 1-3mm) and hornblende (<10%, 1-2mm) set in a fg/aphanitic siliceous groundmass.																						
			Alteration: Dominated by fracture-controlled Mn-oxide, LI and HM and lesser CL-CA in areas of strong fracturing/faulting. Calcite also occurs as interstitial filling and replacement of and rims around mafic (HB) phenocrysts. Minor, 1-3mm, pink, fg KF veinlets (common 70-80° TCA) and patchy, mg to cg, secondary KF replacement. Occasional BI after individual crystals and clusters of HB. Weak propylitization CL>>EP as replacement of mafic component and coating fractures.																						
			91.4-93.4 Fault zone with gouge at the upper contact with hornblende syenite breccia.	91.4	94.4	625898		S		1		1	2									8.6	<2	<0.5	19
			Strong fracture-controlled LI-Mn-oxide>HM>CL-CA.																						
			93.4-94.73 Common creamy/off-white mottled interval. Obliterated textures. Patchy silicification?																						
			94.7-108.7 Blocky core over most of this unit, ~80%. Very broken-up from 103.4-104.5m, 104.6-105.5m and 107.2-108.7m w/strong fracture-controlled oxidation. Significant LI-Mn-oxide>CA-CL-HM on fractures. Occasional pink, narrow, to 1-3mm, KF veinlets, 45° TCA. More abundant, irregular patchy potassic alteration as cg KF replacement, weak over 2m sampling intervals. Pervasive weak silicification(?)	94.4	97.4	625899		S	1	2		1	3									7.1	<2	<0.5	4
				94.4	97.4	625900	Duplicate	S	1	2		1	3									7.6	<2	<0.5	2
				97.4	100.4	625901		S		2	1		2									8.6	<2	<0.5	41
				100.4	103.4	625902		S		1		1	3									8.9	<2	6.1	186
				103.4	106.4	625903		S		1	2	1	2									8.0	<2	<0.5	29
			Rare large blebs of EP and CL. Common CL replacing HB and coating fractures.	106.4	109.4	625904		S		2	3	1	2									10.2	<2	<0.5	32
			108.7-117.4 More widespread patchy, potassic alteration as mg to cg KF replacement+/-patchy EP+/-HM. Associated lesser cross-cutting KF, to 1-3mm veinlets. Very rare, to 2mm wide, white QZ veins+/-CP, 75° TCA. It is rimmed by pink KF (at 113.4m). To 3% black specular hematite DI and fracture-filling.	109.4	112.4	625905		S		2	3	1	2									6.4	<2	<0.5	48
				112.4	115.4	625906		S		1	3	2	2			0.01	VN					8.8	<2	<0.5	12
				115.4	118.4	625907		S		2	3	2	2							CU	0.01		<2	2.8	175
			117.4-117.6 To 0.5% cuprite and lesser native copper on fractures. Host is moderately KF																						

Primary Interval				Assay Interval			QA/QC	Oxide Facies	Alteration Intensity					Mineralization								Analytical Results			
FROM (m)	TO (m)	LITH CODE	Remarks	From	To	Sample Number	Duplicate / Blank	O/T/S	Biot	Epichl	Kspar	Qtz	Calc	Py %	Py How	Cp %	Cp How	Mg %	Mg How	Min1 Code	Min1 (%)	Sample Wt (kg)	3B Au (ppb)	1DX Au (ppb)	1DX Cu (ppm)
			altered grey syenite. Fracture-controlled LI, red HM and EP.																						
			117.6-121.4 Similar to 108.7-117.4m. From 118.5m increase in fracture-controlled LI.	118.4	121.4	625908		S		2	3	2	2									10.0	<2	0.8	15
			121.4-121.8 Extensively broken-up interval with LI-rich clay gouge. Strong fracture-controlled LI and Mn-oxide.																						
			121.8-122.3 Strong brecciation with abundant LI and Mn-oxide>HM on fractures. Fracturing is tectonic, overprinting KF alteration.																						
			122.7-122.9 Strong pink potassic alteration (mg KF). Three, to 0.5cm en echelon white quartz veins+/-EP with blebby CP (1%) and red HM in selvages. Trend is 70-80° TCA. Rare trace small blebs of PY.	121.4	124.8	625909		S	1	1	2	3	2	0.01	BB	0.1	BB					9.6	<2	1.1	110
			124.6-124.8 Strong, patchy potassic (KF) alteration. Host is brecciated cg HB syenite. Trace CP BB.																						
124.8	**179.7**	**HSYE**	**ALTERED HB SYENITE/HB SYENITE BRECCIA AND FINE GRAINED SYENITE (SYENITE PORPHYRY)**																						
		SYBX	Upper contact consists of broken-core. Mottled creamy and red-purple, variably altered coarse grained hornblende syenite with fine to medium grained syenite(?) intercalations. Extensive zones of hb syenite breccia. It appears that finer grained syenite porphyry intrudes cg HB syenite.																						
			To 10-15% hornblende in both lithotypes, altered to CL and less commonly to BI. Finer grained unit appears to be crowded porphyritic with up to 30% pale grey plag (<15% HB) in an aphanitic pale grey/tan matrix. Common reddish brown, HM(?) and/or KF(?) rich felsic material as veinlets, to 0.5cm, variably oriented and often cross-cutting throughout this interval. Locally high density of veining, >7+ forming breccia (pseudobreccia?) with angular fragments of HB syenite in red-brown, fg, felsic groundmass.																						
			Not sure about the extent of potassic alteration (pink-red KF), appears to be moderate patchy and veinlets (KF+/-HM?).																						
			Silicification is weak, mostly in form of discrete to 1cm white veins, 70-80° TCA. These carry veinlets, HL-2mm, and blebs of CP in selvages (trace over 3m sampling widths).																						
			Fracture-controlled weak CA and CL>EP. EP also occurs as interstitial filling/replacement of																						

Primary Interval				Assay Interval			QA/QC	Oxide Facies	Alteration Intensity					Mineralization								Analytical Results			
FROM (m)	TO (m)	LITH CODE	Remarks	From	To	Sample Number	Duplicate / Blank	O/T/S	Biot	Epichl	Kspar	Qtz	Calc	Py %	Py How	Cp %	Cp How	Mg %	Mg How	Min1 Code	Min1 (%)	Sample Wt (kg)	3B Au (ppb)	1DX Au (ppb)	1DX Cu (ppm)
			HB(?).																						
			HM occurs throughout this unit as DI, BB and HL veinlets, typically random.																						
			124.8-129.2 Cg HB syenite with extensive fg red-brown, felsic (KF?and/or HM-rich) cross-cutting veinlets and pseudobreccia sections. Latter consist of HB syenite frags in red-brown matrix. Moderate(?) potassic alteration. Rare to 1cm QZ w/veined CP (in the rim).	124.8	127.8	625910		S		1	3	1	2			0.1	VN					9.2	3	2.3	101
				127.8	130.8	625911		S		1	3	1	2									9.6	<2	1.6	224
			129.2-132.6 Mostly fg to mg hornblende-bearing syenite w/lesser cg patches. Strong red-brown overprint, KF and partly HM.																						
			132.6-132.85 At least four, 2-10mm wide white QZ veins, 70-75° TCA. One (10mm) carries large BB and VN of CP (3%). Host is KF-HM altered mg HB syenite.	130.8	133.8	625912		S		1	3	1	2			0.03	VN					9.5	5	6.5	523
				133.8	136.8	625913		S	1	1	3	2	1	0.1	IN	0.01	IN			CU	0.01	9.4	<2	2.2	303
			Below 135m, fine to medium grained HB syenite is the dominant lithotype with lesser "patches" of coarse grained HB syenite.																						
			135.4-135.55 Mottled rusty yellow and pale grey, bleached syenite with obliterated primary textures. Strong fracture-controlled LI>HM-CL. Argillized feldspars. Pervasive weak silicification(?) To 1-3% HM as red specks/DI. Trace native Cu on fractures.																						
			135.55-137.4 Randomly oriented HL fracturing w/pale grey bleaching straddling fractures (silicification?).	136.8	139.8	625914		S	1	2	3	1	1			0.03	BB					10.0	4	1.2	426
			138.2-138.6 At least five, to 1cm white quartz veins, en echelon, 80° TCA w/CP as small blebs, fracture-filing and in selvages. Some QZ veins have pale pink, to 2mm wide KF rims.	139.8	142.8	625915		S	1	2	3	1	1			0.05	BB			BO	0.01	9.8	<2	1.8	147
			143-157.0 Dominantly cg HB syenite w/lesser fine to medium grained HB syenite. Moderate to strong (over 0.5m sections) patchy and minor veined potassic alteration (KF>>BI). Secondary BB occurs rare cg blebs in zones of more intense KF replacement.	142.8	145.8	625916		S	1	2	3	1	2			0.2	BB					9.7	3	4.3	784
			Commonly vuggy w/crystalline CA growth in small cavities throughout this interval. Locally CP lining vugs.	145.8	148.8	625917		S	1	2	3	2	2			0.1	BB					9.2	<2	1.2	152
				148.8	151.8	625918		S	1	2	3	2	2			0.1	BB					9.6	<2	1.8	198
				151.8	154.8	625919		S	1	2	3	2	2			0.5	BB					9.6	4	3.3	731
			Mineralization, to 0.5% CP BB and minor BO (trace) are commonly associated with quartz veining, 3-5mm and rare 25mm, 70° TCA, <2mm KF rimming. Also 2 to 5mm red-brown KF(?)-HM rich felsic veinlets and KF veinlets w/+/- blebby CP. Rare CP+/-BO only veining, HL to <1mm. °																						
			At 152m, to 25mm vuggy quartz>>CL-EP-CA-blebby CP vein, 70° TCA. To 2-3% CP in vein																						

Primary Interval				Assay Interval			QA/QC	Oxide Facies	Alteration Intensity					Mineralization								Analytical Results			
FROM (m)	TO (m)	LITH CODE	Remarks	From	To	Sample Number	Duplicate / Blank	O/T/S	Biot	Epichl	Kspar	Qtz	Calc	Py %	Py How	Cp %	Cp How	Mg %	Mg How	Min1 Code	Min1 (%)	Sample Wt (kg)	3B Au (ppb)	1DX Au (ppb)	1DX Cu (ppm)
			and in selvage.																						
			At 153-153.2m, to 7mm, 70° TCA QZ>>CP vein. Host is strongly SI and potassically altered (pervasive KF and cg/pegmatitic and patchy BI) syenite.																						
			At 154.8-155m, irregular QZ-CP lenses (3% CP) in strongly SI-KF-BI altered syenite.	154.8	157.8	625920		S	1	1	3	1	1			0.2	VN					9.3	<2	1.2	66
			157-172.7 Similar to above 143-157m. Persistent, patchy and lesser veined KF and minor cg BI. Weak pervasive silicification and minor quartz veining.	157.8	160.8	625921		S	1	1	3	1	1			0.05	IN					10.8	<2	4.4	273
				160.8	163.8	625922		S	1	1	3	1	1			0.1	VN					9.8	<2	2.9	1191
				163.8	166.8	625923		S	1	1	3	2	2			0.2	BB					9.8	<2	0.7	330
				166.8	169.8	625924		S	1	1	3	2	1			0.05	BB					9.7	<2	1.6	554
			Weak fracture-controlled CL and CA. Also minor vuggy sections with crystalline CA filling cavities.			625925	Blank															5.8	<2	<0.5	25
				169.8	172.8	625926		S	1	1	3	2	1			0.05	VN			BO	0.03	10.3	<2	3.1	849
			To 0.3% CP +/-<BO, as sulfide only veins, to 1-3mm wide, 70-80° TCA, Qtz-CP lenses and lesser CP blebs. Some CP is also found rimming the cavities.																						
			172.7-173.5 Moderately chloritized and silicified interval. Obliterated primary textures. To 0.5% CP DI/BB and locally associated BO (trace), latter as BB and DI.																						
			173.5-176.7 Pale to med grey-green felsic dyke(?). Obscured primary textures. Moderate pervasive silicification; weak interstitial and veined (<2-3mm) KF.	172.8	175.8	625927		S		2	1	3	1			0.01	BB					8.5	<2	1.3	223
				175.8	177.8	625928		S	1	1	1	3	1			0.03	BB					8.4	<2	1.0	89
			176.6-179.7 Cg HB syenite w/plag>HB syenite porphyry intersection. Patchy and veined KF and locally strong interstitial BI. Pervasive and fracture-controlled bleaching, due to silicification(?).	177.8	179.7	625929		S		1		2	2									5.4	<2	0.9	73
179.7	**258.3**	**SYEN**	**ALTERED SYENITE AND LESSER HORNBLENDE SYENITE**																						
		HSYE	Sharp contact at 20° TCA. Marked by 1cm wide alteration seam, argillization and CL-CA. Mottled pale grey/creamy to salmon pink (KF) and grey-green (CL>>EP), dominantly mg, leucocratic syenite and lesser hornblende syenite. Locally HB is present, to 10-12% as 1-3mm crystals and larger clusters, altered to CL, rarely EP. Largely obliterated primary textures by pervasive alteration. Minor breccia, but not as common as in 124.8-179.7m.																						
			Rarely weakly magnetic, to 1% (DI & BB). HM and specular HM (1-2%), black DI and mostly red fracture-filling. Patchy and lesser veined KF, <1-3mm, variable orientations TCA. Rare BI clusters and narrow veinlets, <1-2mm. Potassic alteration is variable, most commonly weak to lesser																						

Primary Interval				Assay Interval			QA/QC	Oxide Facies	Alteration Intensity					Mineralization								Analytical Results			
FROM (m)	TO (m)	LITH CODE	Remarks	From	To	Sample Number	Duplicate / Blank	O/T/S	Biot	Epichl	Kspar	Qtz	Calc	Py %	Py How	Cp %	Cp How	Mg %	Mg How	Min1 Code	Min1 (%)	Sample Wt (kg)	3B Au (ppb)	1DX Au (ppb)	1DX Cu (ppm)
			moderate.																						
			Common bleaching to pale grey/creamy and lesser patchy centered on fractures, silicification? (weak), throughout this unit. CL>EP as HB replacement and fracture filling (weak). Weak fracture-controlled calcite. Mineralization is sparse, when seen, it is associated with zone of more intense potassic alteration; trace CP>>BO blebs. Very sparse red cuprite(?) on fractures.																					
			179.7-182.8 Pale grey, creamy to pale orange, strongly bleached interval. Obliterated primary textures. To 3% HM specks and blebs. Appearance of pale green ghosts (after HB) below 182.3m.	179.7	182.8	625930		S		1	1	2	1									7.4	<2	1.4	48
				182.8	185.8	625931		S		1	1	1	1									9.1	2	1.8	144
			Blocky and poorly competent core of most of this interval with common calcareous gouge on fractures. Argillized feldspars.																						
			185.9-190.0 About 30% crumbly core with a clay gouge. Host is patchy KF altered HB syenite.	185.8	188.8	625932		S		1	1		1									6.4	3	3.8	407
				188.8	191.8	625933		S	1	2	3		1			0.01	BB			BO	0.01	6.6	<2	0.7	80
				191.8	194.8	625934		S		2	1	1	1							BO	0.01	8.4	5	1.8	507
			197.3-197.4 Syenite breccia w/sub-angular fragments in medium grey, felsic groundmass.	194.8	197.8	625935		S		2	1	1	1					0.1	DI			8.5	2	3.2	173
				197.8	200.8	625936		S		1	2	1	1			0.01	SP	0.1	BB			8.3	5	3.9	305
			198.6-200.0 Partly blocky core w/slickensided red HM and CL on fractures. Rare CP specks and cuprite(?) fracture coating.																						
			Host is overall moderately KF altered (strong over 30-40cm width) HB syenite. KF is patchy >>veined, 1-2mm.																						
			201.8-202.1 Purple grey felsic dyke. UC & LC are diffused at 75° and 35° TCA, respectively.	200.8	203.8	625937		S		1	1	1	1					0.5	BB			8.7	4	2.0	171
			200.1-203.65 Blocky core w/clay gouge. Significant fracture-controlled CL-HM>>CA, variable orientations..	203.8	206.8	625938		S		1	3	2	1					0.5				8.9	<2	0.6	79
			205.9-206 To 1cm CL-EP-HM breccia vein, w/1-3mm subround syenite fragments, 25° TCA.	206.8	209.8	625939		S		2	1	2	1									6.9	5	1.5	165
			209.8-212.8 Moderate to locally strong (over <0.5m) pervasive and patchy KF alteration. Rare specks/BB of CP. Trace euhedral MG.	209.8	212.8	625940		S		1	3		2			0.01	BB	0.1	DI			11.9	<2	2.0	190
			212.8-214.0 Blocky core with more gouge. Bleached, leucocratic KF, sericitized/argillized syenite.	212.8	215.8	625941		S			3		2									8.8	<2	1.5	197
			214-218.8 Fault zone. Blocky and crumbly core w/strong gouge. Poor core recovery.	215.8	218.8	625942		S		1	3		1									3.6	<2	<0.5	6
				218.8	221.8	625943		S		1	3		1									6.4	<2	1.2	50
			222.5-224.0 Poorly competent blocky core. HM-CL on fractures.	221.8	224.8	625944		S	1	1	3		1			0.01	BB			BO		8.4	<2	<0.5	71
			224.9-226.9 Partially blocky core over about 75% of this interval.	224.8	227.8	625945		S		1	2	1	1									9.5	<2	1.7	119
			228.5-229.8 Partially faulted, poorly competent, blocky rock with pale grey, calcareous gouge. Host rock is pervasively silicified, weakly KF altered leucocratic syenite.	227.8	230.8	625946		S		1	1	2	1									6.4	<2	2.5	58
				230.8	233.8	625947		S		2	3	2	1									10.6	<2	2.4	363

Primary Interval				Assay Interval			QA/QC	Oxide Facies	Alteration Intensity					Mineralization								Analytical Results			
FROM (m)	TO (m)	LITH CODE	Remarks	From	To	Sample Number	Duplicate / Blank	O/T/S	Biot	Epichl	Kspar	Qtz	Calc	Py %	Py How	Cp %	Cp How	Mg %	Mg How	Min1 Code	Min1 (%)	Sample Wt (kg)	3B Au (ppb)	1DX Au (ppb)	1DX Cu (ppm)
			231.6-233.0 Heavily broken up upper part of this interval w/clay gouge, lesser blocky down-hole. Minor pegmatitic intercalations.																						
			233.4-237.4 Strongly fragmented, blocky core w/rare pale grey gouge. CL>HM-CA coating fractures.	233.8	236.8	625948		S		2	3	1	1									7.0	<2	1.6	250
				236.8	239.8	625949		S		1	2		1									8.8	<2	10.6	104
				236.8	239.8	625950	Duplicate	S		1	2		1									9.2	<2	2.1	139
			238.8-240.8 Blocky core (<5cm segments) over >80% of this interval. Some calcareous clay gouge. To 0.1% CP with minor BO as rims on CP, DI and blebs. It appears that CP replaces euhedral HM (HM after MG?)																						
			240.8-242.1 Pegmatitic, leucocratic syenite. Moderate interstitial KF. Moderate pervasive silicification. To 0.2% blebby and fracture-filling CP>>BO (trace?).	239.8	242.8	625951		S		1	3	2	1			0.1	BB			BO	0.01	10.5	<2	1.1	359
			242.1-258.5 Mottled and blotchy creamy, pale yellow, salmon pink and green, cg and lesser mg syenite. Obliterated primary textures by alteration. Locally to 10% diffused green subround blotches after mafic minerals (HB).	242.8	245.8	625952		S		1	3	2	1			0.03	BB	0.01	BB			10.9	<2	1.3	164
				245.8	248.8	625953		S		1	3	2	1			0.01	BB					8.7	4	2.7	198
				248.8	251.8	625954		S		1	3	2	1			0.01	VN					10.5	7	6.7	358
				251.8	254.8	625955		S		1	3	2	1			0.01	SP					9.3	5	3.4	251
				254.8	257.8	625956		S		1	4	2	1			0.01	VN					9.3	4	2.6	180
			Pervasive to patchy and minor veined KF alteration. Rare secondary BI after HB. Potassic alteration overall moderate to strong (over short widths, <30-50cm). Moderate pervasive silicification. To 1-2% specular HM disseminations and lesser HL veinlets. Rare (trace) magnetite blebs. Weak mineralization (to 0.03%/3m sampling widths), blebby/locally euhedral (after HM/MG) and fracture-controlled CP and very rare BO (rimming CP).																						
258.3	**291.0**	**SYEN**	**ALTERED SYENITE**																						
			Red-pink and grey, locally mottled creamy to pink to grey-green, fine to medium grained syenite. To <5-7% chloritized HB, often as pale green blotches, ghosts after HB. Also replaced by MG and specular hematite. Weakly magnetic; trace -0.1% MG BB and DI. Hematite, <3-5%, as DI, clusters and veinlets. Moderate pink KF interstitial replacement, lesser patches and veinlets. Rare BI after HB? Weak pervasive silicification. Weak fracture-controlled, late, variably oriented CA and CL>>EP (weak propylitization). Overall, minor mineralization, to 0.02% as CP>>BO (small, 1-2mm BB and DI) and native Cu on fractures.																						
			258.5-263.7 Blocky core w/to 0.5m sandy	257.8	260.8	625957		S		2	3	2	1			0.01	BB					8.4	6	2.8	80

Primary Interval				Assay Interval			QA/QC	Oxide Facies	Alteration Intensity					Mineralization								Analytical Results			
FROM (m)	TO (m)	LITH CODE	Remarks	From	To	Sample Number	Duplicate / Blank	O/T/S	Biot	Epichl	Kspar	Qtz	Calc	Py %	Py How	Cp %	Cp How	Mg %	Mg How	Min1 Code	Min1 (%)	Sample Wt (kg)	3B Au (ppb)	1DX Au (ppb)	1DX Cu (ppm)
			section.	260.8	263.8	625958		S		2	3	1	1			0.03	BB			BO	0.01	8.4	<2	2.9	448
			Intermittent weak to moderate pervasive pink KF	263.8	266.8	625959		S		1	3	2	1			0.02	BB			CU	0.01	8.5	2	2.7	216
			alteration. Lesser cross-cutting KF veinlets,																						
			w/diffused boundaries, 2-3mm, variably oriented																						
			TCA. Rare CP>>BO BB and fracture-fill (to																						
			0.03% over 3m sample lengths).																						
			267-270.4 Partly blocky core w/fracture-	266.8	269.8	625960		S		1	4	2	1			0.01	BB			CU	0.01	10.2	<2	1.6	114
			controlled LI. Rare to 2cm wide, 40° TCA LI-Mn-	269.8	272.8	625961		S	1	1	3	2	1			0.01	BB					8.8	<2	1.4	100
			oxide rich vein w/native Cu on fractures (at	272.8	275.8	625962		S	1	1	3	2	1			0.01	BB					9.0	<2	1.7	35
			265.4m).	275.8	278.8	625963		S	1	1	4	2	1			0.01	BB	0.1	BB			8.5	<2	0.7	80
			279.2-278 Blocky core over majority of this	278.8	281.8	625964		S	1	1	3	2	1			0.01	BB					9.5	<2	1.9	254
			interval with pale grey calcareous clay and CL-	281.8	284.8	625965		S		1	3	2	1					0.01	DI			7.8	<2	2.1	45
			HM on fractures. Common pale green ghosts	284.8	287.8	625966		S		1	3	2	1					0.1	DI			7.6	<2	<0.5	38
			after HB. Pale creamy bleaching centered on	287.8	291.0	625967		S		1	3	2	1					0.1	DI			9.2	<2	1.7	43
			fractures (SI?). Rare trace CP BB (<1-2mm).																						
291.0			**EOH**																						

Hole ID: 784-08-07 **East:** 632603
North: 5686542
Site# T-E-03 **Elev:** 1053.5

DISCOVERY CONSULTANTS
Project: Rayfield River
Client: Callinan Mine
Diamond Drill Hole

Az:
Dip: -90°
Depth: 257.6m
Core Size: NTW

Start Date: 2008.02.03
End Date: 2008.02.07
Geologist: D.Duba

Primary Interval				Assay Interval			QA/QC	Oxide Facies	Alteration Intensity				Mineralization							Analytical Results			
FROM (m)	TO (m)	LITH CODE	Remarks	From	To	Sample Number	Duplicate / Blank	O/T/S	Biot	Epichl	Kspar	Qtz	Calc	Py %	Py How	Cp %	Cp How	Mg %	Mg How	Min1 Code	Min1 (%)	Sample Wt (kg)	3B Au (ppb)	1DX Au (ppb)	1DX Cu (ppm)
0.0	**9.1**	**CASE**	**CASING/OVERBURDEN**																						
9.1	**194.1**	**HSYE**	**HORNBLENDE SYENITE**																						
			Pale to medium grey and green, locally mottled pink (KF alteration), cg, hornblende syenite. To 10-15% hornblende crystals/clusters (>0.5cm and often >1cm), altered to CL>MG/specular HM(?) and BI (biotite). Weakly magnetic, 0.5-2% MG, as euhedral to subhedral grains. HM is typically <1-2%, oxidation product after MG.																					
			Generally moderately to less commonly strongly fractured, healed by CL-HM-CA>EP, HL to <1-2mm, variable orientations TCA.																					
			Weak to moderate, and lesser strong (<50-70cm widths) intermittent potassic alteration. Patchy to rare pervasive salmon pink KF and clusters of biotite (secondary after HB) occurring in patches, <10cm, with up to 15% BI.																					
			Low to high density narrow, veinlets/dykelets throughout this unit. These are: 1. Purple-grey, HL to 3mm, KF(?) +/-BI, veinlets, typically <3-5 and lesser >8/10cm, 25°, 40-50°, 70° and variable orientations TCA. 2. Lesser to 10 cm, grey-pink to purple-grey felsic dykelets, commonly 50-70° TCA. 3. Minor pale grey/off-white quartz veins, 0.5-1.5cm in width, commonly 50-60° TCA. 4. BI occurs as HL veinlets. However, it is often found in grey veinlets+/-MG(HM)-CL. 5. Rare, pink, <5-10 mm, KF alteration/veinlets w/diffused boundaries, centered on fractures. All these veins locally exhibit complex cross-cutting relationship.																					
			Cu mineralization is typically associated with above veinlets and dykelets, CP>BO (trace-0.4%). CP and BO occur as SP, BB and VN (microfracture-filling). Locally CP appears to be replacing HB. BO sometimes forms rims around CP grains. Rare native Cu on fractures.																					
			9.1-11.5 Crumbly and soft core with strong hematitic gouge. Strongly fractured w/intercalation of syenite breccia. Rare LI.	9.1	12.0	625968			2	1			2					0.5	BB			7.0	8	46.5	312
				12.0	15.0	625969			2	1			1			0.01	BB	1	BB	BO	0.01	9.4	6	4.8	497
			15.4-20.1 Partly blocky core with narrow sections of pale grey, calcareous gouge.	15.0	18.0	625970			2	1			2			0.01	BB	1	BB	BO	0.01		<2	8.5	838
				18.0	21.0	625971			2	1			1					1	BB			8.5	11	10.1	611

Primary Interval				Assay Interval			QA/QC	Oxide Facies	Alteration Intensity					Mineralization							Analytical Results			
FROM (m)	TO (m)	LITH CODE	Remarks	From	To	Sample Number	Duplicate / Blank	O/T/S	Biot	Epichl	Kspar	Qtz	Calc	Py %	Py How	Cp %	Cp How	Mg %	Mg How	Min1 Code	Min1 (%)	Sample Wt (kg)	3B Au (ppb)	1DX Au (ppb)	1DX Cu (ppm)
			Common clusters of BI (after hornblende). Mineralization is most commonly associated with grey veinlets and felsic dykelets. Trace to 0.3% CP>BO as small blebs and veinlets, filling fractures. @16.0m, to 1cm grey dykelet, 75° TCA. It is cut by HL CP-BO-LI veinlet. @17.5m, rare native Cu coating fractures. Accompanied by strong HM.																					
			21.6-21.8 Crumbly core w/gouge.	21.0	24.0	625972			2	1			1			0.01	BB	2	BB	BO	0.01	8.5	4	3.0	258
			24.1-25.6 Fault zone. Extremely crumbly and soft core with strong clay gouge. Syenite breccia. Intensely bleached, argillized feldspars. HM-CL-CA on fractures.	24.0	27.0	625973			2	1			1					0.3	BB			7.7	7	4.9	354
			27.6-29.5 Heavily fractured. Numerous cross-cutting HL-2mm grey veinlets>>CL, variable orienations TCA. Strongly bleached, argillized feldspars. Trace CP and BO specks associated with grey veinlets.	27.0	30.0	625974			2	1			1			0.01	BB	2	BB	BO	0.01	11.0	5	4.1	376
			30.5-32.3 In part blocky, poorly competent core.	30.0	33.0	625975			2	1	1		1					2	BB			8.5	4	4.7	384
			The same as above, 27.6-29.5m.	33.0	36.0	625976			2	1			1					2	BB			9.0	6	10.3	435
			Weak pink KF alteration centered on fractures +/- CL-HM, to 0.5cm widths, 30° TCA.																					
			37.8-40.7 Mostly soft and crumbly rock (~75% of this interval) with strong clay gouge. Host is creamy to pink, patchy, moderately KF altered HB syenite. Fracture-controlled CL>HM-CA. Rare LI. Grey veinlets, KF(?) with associated veined BI, HL to 2mm, throughout this interval.	36.0	39.0	625977			1	1			1					2	BB			9.4	5	6.9	525
				39.0	42.0	625978			2	1	2		1			0.01	SP	1	BB			8.0	9	10.4	549
			@41.3m, purple grey, 1cm wide, 50° TCA, felsic dykelet with specks of CP (0.1%).																					
			41.5-41.9 Blocky core with patchy KF alteration (HB syenite).																					
			42.1-42.7 A high density of narrow, grey veinlets, variably orientations TCA.	42.0	45.0	625979			1	1	2		2			0.1	SP	1	BB	BO	0.05	5.3	12	12.3	775
			At least 3 light pink-purple, to 0.5-1.5cm felsic dykelets, 60-75° TCA. Specks of CP associated with both, veinlets/dykelets. Patchy KF and BI veinlets (HL-1mm)>>clusters. Overall moderate potassic alteration.			625980	Blank															4.0	<2	0.9	28
			45-45.7 Blocky core, mostly <5cm long segments.	45.0	48.0	625981			1	1	1		1			0.2	VN	1	BB	BO	0.05	9.1	11	12.1	745
				48.0	51.0	625982			2	1	1		1			0.05	SP	1	BB	BO	0.01	9.7	8	7.5	544
			50-51.9 Moderate to locally high density of grey veinlets, 5+/10 cm, and at least five, 4-12mm grey-purple dykelets, 40-65° TCA. Both have associated CP>BO specks and fracture-filling.	51.0	54.0	625983			2	2	3		1			0.08	VN	0.5	BB	BO	0.03	9.8	12	23.7	1250
			53.15-54.6 Pervasive, strong, salmon pink KF alteration. Generally <3-5/10 grey, to 2mm veinlets. Strong late CA-CL-EP veining, 65-70° TCA, rarely 0-10° TCA and random.	54.0	57.0	625984			2	2	3		2			0.05	VN	0.5	BB	BO	0.03	9.8	19	22.7	1758

Primary Interval				Assay Interval			QA/QC	Oxide Facies	Alteration Intensity					Mineralization							Analytical Results			
FROM (m)	TO (m)	LITH CODE	Remarks	From	To	Sample Number	Duplicate / Blank	O/T/S	Biot	Epichl	Kspar	Qtz	Calc	Py %	Py How	Cp %	Cp How	Mg %	Mg How	Min1 Code	Min1 (%)	Sample Wt (kg)	3B Au (ppb)	1DX Au (ppb)	1DX Cu (ppm)
			57-57.2 Crumbly rock with gouge. Strongly argillized feldspars.	57.0	60.0	625985			1	1	2		1			0.05	SP	1	BB	BO	0.05	9.2	9	6.6	524
			60.2-68.58 Heavily broken up to crumbly rock (>75%) with abundant calcareous gouge. Bleached, argillized feldspars, in crumbly zones. Strong fracturing w/CA-CL-EP>red HM filling and coating fractures, typically variable orientations TCA. Purple-grey (KF?) veinlets are ubiquitous, <5/10cm on average+/-associated CP>BO (to 0.1%/3m sample widths). Rare to 0.5 cm purple grey dykelets.	60.0	63.0	625986			2	1	3		2			0.01	SP	0.5	BB			9.0	10	20.8	757
				63.0	66.0	625987			1	1	1		1					0.5	BB			8.0	7	7.9	636
				66.0	69.0	625988			1	1	1		1					1	BB			8.7	6	6.2	542
			Intermittent, patchy KF alteration from weak to strong, over <50cm widths. Also narrow, 3-10mm, zones of KF replacement centered on fractures, 40° and 70° TCA. Lesser patchy and veined BI (locally associated w/grey veinlets).																						
			71.3-71.8 High density of variably trending narrow (HL to 3mm), grey veinlets and pink-grey dykelets (5-15mm). To 1-2% CP>BO as BB and VN. At 71.8m, CP and BO occurs together w/BI-CL in the center and selvages of one of this dykelets, 1.5cm, 70° TCA. Host is strongly potassically (KF>BI) altered HB syenite.	69.0	72.0	625989			2	1	2		1			0.2	VN	2	BB	BO	0.1	9.3	17	15.9	1335
			72.5-73.4 Broken and locally crumbly w/black graphitic gouge.	72.0	75.0	625990			1	1	2	1	2			0.3	VN	2	VN	BO	0.1	8.7	25	13.5	1458
			73.4-77.0 Similar to 71.3-71.8m. Numerous grey veinlets, some are quartzose, and at least 7, to 20mm, purple grey, felsic dykelets, 60-70° TCA. These commonly consists of <5% BI clusters. To 0.3% CP and 0.1% BO associated with veinlets/dykelets, as BB and VN (microfracture filling), estimated over 3m sample widths.	75.0	78.0	625991			1	1	2	1	1			0.2	VN	2	BB	BO	0.1	9.0	18	18.6	1302
			Rare MG/HM-CP vein, in a core of grey vein, to 5mm, 60° TCA.																						
			77.85-90.0 Medium to lesser high density of grey (KF?) veinlets, variable trends TCA. Lesser 1.5 to 10cm wide grey to reddish-grey felsic (quartzose) dykelets. The larger ones are listed below. Patchy clusters of BI (absence of pink KF alteration). To 0.2% CP and 0.1% BO as veinlets and BB closely associated with veins and dykelets. @77.87-77.95m, grey felsic dyke. Diffused UC and sharp LC at 65-70° TCA. Cut by 2cm wide grey quartz vein from 78.85 to 78.87m, 70° TCA. It carries 1% CP and BO as fracture-filling and BB.	78.0	81.0	625992			2	1		1	1			0.2	VN	2	BB	BO	0.05	8.7	14	6.6	1289
			@78.5-78.6m, reddish grey, hematitic (to 10%																						

Primary Interval				Assay Interval			QA/QC	Oxide Facies	Alteration Intensity					Mineralization							Analytical Results			
FROM (m)	TO (m)	LITH CODE	Remarks	From	To	Sample Number	Duplicate / Blank	O/T/S	Biot	Epichl	Kspar	Qtz	Calc	Py %	Py How	Cp %	Cp How	Mg %	Mg How	Min1 Code	Min1 (%)	Sample Wt (kg)	3B Au (ppb)	1DX Au (ppb)	1DX Cu (ppm)
			fg specks) felsic dykelets, sharp contacts 65° TCA. Potassic alteration in form of BI clusters. To 0.5% blebs of CP and BO.																					
			@79m, purple grey felsic dyke, 4cm wide, similar to above. Contacts are sharp, 65° TCA. Patches of light pink quartz. <0.3% CP and BO microfracture-filling.																					
			@79.6m, the same as at 79m, narrow dykelet, 5.5 cm wide, sharp contact 65° TCA with <1% CP>>BO.	81.0	84.0	625993			1	1		1	1			0.2	VN	2	BB	BO	0.1	9.5	5	2.8	458
				84.0	87.0	625994			1	1		1	1			0.1	BB	1	BB	BO	0.05	9.4	10	16.9	773
			@87.5-87.75m, at least 3 grey to pink-grey felsic dykelets, 5-35mm wide, 50-70° TCA w/associated blebby CP>BO.	87.0	90.0	625995			1	1	1	1	1			0.1	VN	1	BB	BO	0.03	9.6	13	9.5	1229
			Blocky core from 87.75-88.1m.																					
			90.1-96.0 Partly blocky core with minor gouge. Moderate to locally strong fracturing with associated significant HM>CL-CA>EP. Patchy salmon pink potassic alteration, overall moderate.	90.0	93.0	625996			1	2	3		2			0.05	BB	2	BB	BO	0.03	8.5	8	11.0	748
			93.3-96.7 Strongly broken up core with common rusty brown and pale grey gouge. Fracture-controlled CL-EP-CA>HM. Host is salmon pink, moderate to strong KF altered cg HB syenite. Overall moderate (<3/10cm, on average) to locally high (at 96-96.5m, >7/10cm) density of HL to 3-5mm grey veinlets. To 0.05% CP and 0.03% BO as VN and BB.	93.0	96.0	625997			1	2	3		2			0.03	BB	2	BB	BO	0.01	7.9	7	2.8	617
			96.7-99.8 At least 5, 5 to 35mm pale grey to pink felsic dykelets, 50-75° TCA with associated CP-BO mineralization. Dykelets cut pink potassic alteration.	96.0	99.0	625998			2	2	3		1			0.1	VN	2	BB	BO	0.05	9.7	6	5.4	1114
				99.0	102.0	625999			2	1	1		1			0.1	VN	2	BB	BO	0.05	9.4	5	5.9	1064
				99.0	102.0	626000	Duplicate		2	1	1		1			0.1	VN	2	BB	BO	0.05	9.7	6	4.6	871
				102.0	105.0	798501			2	1	1		1			0.15	BB	2	BB	BO	0.05	8.5	7	8.2	878
			Grey to dark purple-grey, 1-5mm, veining. Some contain in their core BI+/-CL and MG (<HM) as microfracture-filling and blebs. Some are oriented 40-50° TCA.	105.0	108.0	798502			1	1		1	1			0.2	BB	2	BB	BO	0.05	9.9	9	4.3	712
				108.0	111.0	798503			2	1	1	1	1			0.1	VN	2	BB	BO	0.1	9.9	6	4.4	670
						798504	Blank											2	BB			6.7	<2	<0.5	23
			122.8-123.5 Slightly pinkish, weakly KF altered and pervasively silicified HB syenite. Numerous dark purple-grey KF(?)-SI-HM(<<MG)+/-BI-CL rich veinlets, 2-8mm, 40-45° and 60-70° TCA. To 1-2% CP and BO as BB and VN.	111.0	114.0	798505			2	1			1			0.05	BB	2	BB	BO	0.05	8.9	17	11.2	1532
				114.0	117.0	798506			2	1			1			0.05	BB	2	BB	BO	0.05	10.3	10	8.2	455
				117.0	120.0	798507			2	1			1			0.08	BB	2	BB	BO	0.05	9.7	14	16.5	713
				120.0	123.0	798508			2	1		1	1			0.1	BB	2	BB	BO	0.08	9.3	9	4.5	470
			123.9-126.0 Moderate to lesser high veinlet density, purple grey KF-rich(?), 1-3mm, and to pale grey/off-white, to 10mm, quartz veinlets, common 50-60° TCA. Blebby and VN CP & BO are associated with both vein types.	123.0	126.0	798509			2	1	1	1	1			0.1	VN	2	BB	BO	0.03	9.2	10	8.0	528
			129.3-130.0 Strong pervasive KF alteration. Numerous cross-cutting dark grey-brown, KF(?)-HM-BI/CL +/-CP-BO veinlets. Strong HM on fractures. Minor light grey, SI(KF?)-CP/BO, <5mm veining. Trend 70° TCA.	126.0	129.0	798510			1	1	2		1			0.05	VN	2	BB	BO	0.05	9.8	9	2.1	616
				129.0	132.0	798511			1	1	2		1			0.05	VN	2	BB	BO	0.05	9.9	8	5.4	619
			132.6-136.5 Highly dense network (5 to	132.0	135.0	798512			1	1	2	1	2			0.1	BB	2	BB	BO	0.02	9.3	10	10.5	603

Primary Interval				Assay Interval			QA/QC	Oxide Facies	Alteration Intensity					Mineralization							Analytical Results			
FROM (m)	TO (m)	LITH CODE	Remarks	From	To	Sample Number	Duplicate / Blank	O/T/S	Biot	Epichl	Kspar	Qtz	Calc	Py %	Py How	Cp %	Cp How	Mg %	Mg How	Min1 Code	Min1 (%)	Sample Wt (kg)	3B Au (ppb)	1DX Au (ppb)	1DX Cu (ppm)
			>10/10cm) of purple grey, dark red-purple and pale grey veinlets with complex cross-cutting relationships, HL to 10mm, overprinting intermittent salmon pink KF alteration. Pale grey quartz veins are rimmed by purple grey (<1-2mm), KF(?). Common trends are 0°, 40° and 60° TCA and random.	135.0	138.0	798513			1	1		1	1			0.03	BB	2	BB			9.6	7	4.4	400
			138-138.3 Blocky core. Strong patchy KF alteration. Minor CP specks (0.5%).	138.0	141.0	798514			1	1	1	2	1			0.1	VN	2	BB	BO	0.01	9.2	8	5.4	824
			138.7-140.3 Very coarse grained to pegmatitic syenite consisting of <5% quartz, 90% KF>plag, ~5% euhedral hornblende (to rarely 20%).Some HB altered to MG (2-3%). Crystal sizes 5-10mm for feldspar and mafics/MG, <2-5mm.	141.0	144.0	798515			1	1	1	1	1			0.05	BB	2	VN			9.8	8	3.0	488
				144.0	147.0	798516			1	1	1		1			0.2	VN	2	BB	BO	0.05	9.4	9	3.7	438
			Cut by occasional grey veinlets, <3-5/10cm. Weak CP>>BO in veinlets and DI/BB (to 0.03%/3m sample width).																						
			At 139-139.2m, cg syenite w/15-20% HB laths, weakly magnetic. Mottled pale grey silicification.																						
			Below 140.3m, variable purple grey (KF?) and minor light grey, QZ veinlets density, <3 to 7-10 and rarely 10+/10cm. These commonly trend 15-25°, 40-50° and 70° TCA. Also 1 to 15cm medium, grey felsic dykelets.	150.0	153.0	798518			2	1	1	1	1			0.03	VN	2	BB	BO	0.01	10.1	5	2.3	448
			Higher Cu mineralization in areas of more intense veining.	153.0	156.0	798519			2	1			1			0.3	VN	2	BB	BO	0.05	10.0	10	5.5	1136
				156.0	159.0	798520			1	1			1			0.05	VN	2	BB	BO	0.05	9.5	7	3.0	490
			Minor (weak) pink KF alteration centered on fractures, typically 60-70° TCA, <1cm widths. Rare KF patches, to 15cm. Occasional creamy white QZ replacement as to <1-2cm zones w/diffused rims, 80-90° TCA.																						
			@161.6m, 3m wide, medium grey, siliceous dykelet(?)/quartz vein. Contacts sharp at 40-45° TCA. Cut by BI+/-HM veinlets (1-2mm, 15-25° TCA). To 5% black specks (specular HM).	159.0	162.0	798521			1	1		1	1			0.05	VN	2	BB	BO	0.01	9.3	11	18.6	591
				162.0	165.0	798522			1	1			1			0.05	VN	2	BB	BO	0.01	9.2	18	24.8	615
				165.0	168.0	798523			1	1		2	1			0.03	VN	2	BB	BO	0.01	10.1	12	7.7	464
			169.7-170.85 High density of veining, HL-2mm grey and lesser pale grey, SI(?), to 12mm, common trends 40-50° and 60° TCA. CP>BO as BB and veins associated with veining.	168.0	171.0	798524			1	1	1	2	1			0.03	VN	2	BB	BO	0.01	9.6	23	17.5	1157
			171.75-171.9 Medium grey felsic dykelets, UC and LC are sharp at 40-45° TCA. Minor interstitial and veined BI.	171.0	173.0	798525			1	1		1	1			0.03	IN	2	BB	BO	0.03	6.0	20	8.7	894
			172.2-172.3 Several 1.5 to 3 cm medium grey, weakly magnetic dykelets, trending 55-60° TCA and numerous grey veinlets. Veins are cut by 1-2% CP>>BO as sulfide only HL veinlets and replacement blebs (after HB and MG?).	173.0	175.0	798526			1	1	1	1	1			0.03	IN	2	BB	BO	0.03	6.5	9	5.4	402
			177.6-177.9 Partly blocky section. Strong pervasive KF and lesser patches of BI. To 0.5% CP mostly on fractures.	175.0	178.0	798527			1	1	2		1			0.1	VN	2	BB	BO	0.05	8.3	11	5.7	414
			178.75-179.4 Medium purple grey,cg KF-SI?-rich dyke, subparallel to 10° TCA. Diffused	178.0	181.0	798528			1	1	1	1	1			0.1	VN	2	BB	BO	0.01	10.1	10	3.4	474

Primary Interval				Assay Interval			QA/QC	Oxide Facies	Alteration Intensity					Mineralization							Analytical Results			
FROM (m)	TO (m)	LITH CODE	Remarks	From	To	Sample Number	Duplicate / Blank	O/T/S	Biot	Epichl	Kspar	Qtz	Calc	Py %	Py How	Cp %	Cp How	Mg %	Mg How	Min1 Code	Min1 (%)	Sample Wt (kg)	3B Au (ppb)	1DX Au (ppb)	1DX Cu (ppm)
			contacts with off-white QZ in selvages. To 1% CP>>BO as fracture-filling and lesser IN/BB.																					
			182.5-184 To 0.2% common CP>BO in medium to dark grey veinlets and, 2-4mm, 15° TCA and minor light grey felsic dykelets w/strong BI as patchy replacement.	181.0	184.0	798529			1	1	1		1			0.4	VN	2	BB	BO	0.1	9.0	12	8.1	1421
			Also randomly oriented veinlets. Locally BI-CL-HM (+/-MG) are associated w/veins and dykelets.	184.0	187.0	798530			1	1			1			0.05	BB	2	BB	BO	0.03	9.6	9	4.3	403
			From 187 to 191.5m, common >1cm in diameter clots of BI after HB.	187.0	190.0	798531			2	1	1		1			0.03	BB	1	BB	BO	0.02	10.3	17	10.5	766
			192.85-194.1 Intensely fractured zone w/obliterated primary textures. Moderate to strong fracture-controlled CL-CA-HM>LI and moderate KF alteration, increasing down hole.	190.0	192.0	798532			2	1	1		1			0.03	BB	1	BB	BO	0.03	6.5	19	6.7	408
				192.0	194.1	798533			1	3	2		3			0.05	BB	0.5	BB	BO	0.03	7.8	16	10.6	609
				194.1	197.1	798534			1	1	4		2			0.2	VN	0	BB	MA	0.03		<2	n/a	720
194.1	**199.6**	**SYEN**	**STRONGLY ALTERED SYENITE AND HB SYENITE/LESSER PEGMATITE**																					
		HSYE	Partly faulted, mottled red-brown and creamy cg to pegmatitic, leucocratic syenite and hornblende syenite. Largely obliterated primary textures by strong alteration and fracturing. Rare (trace) interstitial MG. To 2% HM specks and BB (after HB/MG).																					
			Strong pervasive to patchy KF alteration. Fracture-controlled moderate CA>CL-EP-HM> Numerous purple grey, HL-2mm, grey (KF?) veinlets+/-CP, randomly oriented. Fracture-controlled malachite-cuprite-native Cu mineralization. Also CP only HL fracture-filling. Total Cu mineralization <0.2%.																					
			From 194.1 to 196.8m, strongly KF altered, leucocratic, cg to pegmatite syenite.																					
			196.8-198.3 Blocky, poorly competent interval of hornblende syenite. Moderate to strong KF alteration, pervasive, >BI clusters. Abundant cross-cutting HL grey veinlets. To 0.1% associated MA, cuprite and native copper.																					
			198.3-199.6 Mostly crumbly w/common pale yellow gouge. Bleached to creamy syenite. Strongly argillized feldspars. Intense oxidation LI, Mn-oxide-HM.	197.1	199.6	798535			2	1	4		2			0.01	IN			MA	0.01		<2	n/a	470
199.6	**220.3**	**HSYE**	**ALTERED HORNBLENDE SYENITE**	199.6	202.0	798536			2	1	3	1	2			0.01	IN	0.5	BB			7.4	14	45.6	377
			Similar to 9.1-194.1m, cg hornblende syenite. Variably potassically altered and mineralized, increasing in intensity down-hole in association w/felsic dykes. Low to high density of purple grey/dark grey (HL-3mm) and <quartz veinlets (5-7mm, ave.). Occasional pink-grey to maroon, felsic dykes, 3-60 cm (common from 212.5 to 220.3 m).	202.0	205.0	798537			2	1	3	1	1			0.01	IN	0.5	BB	BO	0.01	9.3	26	15.3	923

Primary Interval				Assay Interval			QA/QC	Oxide Facies	Alteration Intensity					Mineralization							Analytical Results			
FROM (m)	TO (m)	LITH CODE	Remarks	From	To	Sample Number	Duplicate / Blank	O/T/S	Biot	Epichl	Kspar	Qtz	Calc	Py %	Py How	Cp %	Cp How	Mg %	Mg How	Min1 Code	Min1 (%)	Sample Wt (kg)	3B Au (ppb)	1DX Au (ppb)	1DX Cu (ppm)
			Mineralization: CP (<0.5%) and BO (<0.1%) and lesser cuprite, malachite and native copper in zones of more intense alteration and fracturing.																					
			204.9-205.3 Blocky core. Moderate to strong KF>BI alteration. Specks of native Cu. HM-CL>LI on fractures.	205.0	208.0	798538			2	1	2	1	1			0.02	SP	0.5	BB	BO	0.03	9.5	28	13.5	807
			205.3-212.5 Moderate to high vein density, purple grey, variable orientations to CA, and occasional light grey/off-white QZ veinlets, latter to 1cm wide, 35-65° TCA. Rare, 2.5cm pink-grey dykelets, 65° TCA, at 212.1m.	208.0	211.0	798539			2	1	2	1	1			0.02	IN	0.5	BB	BO	0.05	9.6	30	18.7	865
			Weaker Cu-mineralization than above. Trace to 0.02% CP and appears to have more BO than CP, to 0.05%, associated with veins/dykelets. Rare cuprite on fractures.	211.0	214.0	798540			2	1	2		1			0.05	BB	0.5	BB	MA	0.03	9.4	28	16.5	1156
			212.5-212.8 Pink-grey, strongly hematitic, fg, equigranular felsic dyke. UC is broken core and LC is sharp at 75° TCA. To 2-3% native copper on fractures.																					
			212.8-215.6 Overall moderate, locally strong, patchy KF alteration. High density of grey veinlets, >5-7/10cm, randomly oriented TCA.	214.0	216.0	798541			2	1	3		1			0.05	BB	1	BB	BO	0.05	6.9	32	34.9	1017
			To 0.1% CP-BO associated with veining and fracture-controlled malachite-cuprite-native Cu (<0.1%).																					
			215.6-216.2 Maroon felsic dyke similar to 212.5-212.8m. UC at 65° TCA w/contact zone. It is 2cm wide and consists of subangular syenite inclusions (30%) in a felsic dyke material. LC is undulating. To 1-2% CP as DI and cross-cutting veinlets.	216.0	218.0	798542			2	1	4		1			0.2	BB	1	BB	BO	0.01	6.9	13	9.1	1003
			216.2-220.3 Strong pervasive salmon pink KF alteration. Numerous cross-cutting purple grey veinlets and rare wider, to 1cm, quartzose veins (dykelets?). To 0.5% CP and <0.1% BO as veinlets and blebs.	218.0	220.3	798543			2	1	3	1	1			0.5	VN	1	BB	BO	0.1	6.9	21	12.9	1283
220.3	**224.2**	**SPOR**	**FELSIC DYKE (SYENITE PORPHYRY?) AND LESSER HORNBLENDE SYENITE**																					
		HSYE	UP is sharp at 85-90° TCA.																					
			Pink-grey, crowded plag>hornblende phyric syenite(?) dyke. Phenocrysts, ~35% pale grey, 1-3mm, some altered to orange (KF?) and <3% hornblende, 1-2mm (altered to CL-EP), 2-5% calcite (after HB?) and 1-2% HM. Matrix is pale grey to tan, aphanitic, felsic in composition. Partly blocky core w/LI>HM coating fractures. Trace CP specks and interstitial fill.	220.3	222.5	798544			1	1	1		2			0.05	DI	1	BB			6.6	<2	<0.5	41
			At 222.5m, LC is wavy and undulating. Approx orientation is 50° TCA.																					
			222.5-223.3 Strong potassically altered (KF>BI), cg hornblende syenite host-rock. Moderate grey	222.5	224.2	798545			1	1	2	1	1			0.05	BB	1	BB	BO	0.01	5.0	<2	<0.5	115

Primary Interval				Assay Interval			QA/QC	Oxide Facies	Alteration Intensity					Mineralization							Analytical Results			
FROM (m)	TO (m)	LITH CODE	Remarks	From	To	Sample Number	Duplicate / Blank	O/T/S	Biot	Epichl	Kspar	Qtz	Calc	Py %	Py How	Cp %	Cp How	Mg %	Mg How	Min1 Code	Min1 (%)	Sample Wt (kg)	3B Au (ppb)	1DX Au (ppb)	1DX Cu (ppm)
			veinlet density. To 0.5% CP, mostly as VN and BB.																						
			223.3-224.2 Syenite porphyry dyke, the same as described above. UC is undulating, approx 90° TCA and LC is irregular and gradational over <5cm.																						
224.2	**254.7**	**HSYE**	**ALTERED HORNBLENDE SYENITE/MINOR PEGMATITE AND FELSIC DYKES**																						
			Similar to 9.1-194.1m. Dominantly cg hornblende syenite, variably potassically altered and mineralized w/lesser pegmatitic sections. It is intruded by fg felsic dykes (similar to dykes observed in the upper part of this hole).	224.2	227.0	798546			2	1	4		2			0.05	VN	1	BB			10.1	<2	2.1	638
			Strong to lesser moderate, decreasing in intensity down-hole, patchy to pervasive potassic alteration (KF>>clusters of BI). Poorly competent core w/common fracture-controlled CL>EP-HM-CA. Fracture trends, 0° to 15° and 30° TCA. Common crumbly sections w/calcareous clay gouge.	227.0	230.0	798547			2	1	4		2			0.03	BB	1	BB			8.7	<2	0.9	245
			Moderate to locally high grey veinlet density, HL-3mm, and associated weak Cu mineralization, as VN and BB. Locally strong patchy and veined EP (224.8-225.1m).	230.0	233.0	798548			2	1	3		1			0.05	BB	1	BB			8.6	9	10.2	687
			At 225.4-225.7 2cm CL-CA rich clay seam at 30° TCA.																						
			231.1-231.6 Purple-grey felsic dyke. Irregular both contacts w/~30% host hornblende syenite inclusions. To 1-2% CP as DI in dyke and in strongly KF altered host rock with several grey veinlets, HL-2mm. Veinlets carry VN and BB CP. Also CP only HL veining.	233.0	236.0	798549			1	1	2		1					1	BB			8.3	<2	0.9	502
						798550	Duplicate															8.8	3	1.6	765
			231.6-236.7 Mottled, purple-creamy-green vcg HB syenite. KF altered?	233.0	236.0				1	1	2		1					3	BB						
			236.7-239.2 Similar to above, 231.6-236.7m, but coarser, pegmatitic syenite. Rare pink-purple, to 2mm, KF(?) veinlets.																						
			239.2-240.1 Medium grey-green, fine to medium grained, intermediate(?) dyke. To 20% chloritized hornblende (HB syenite?)																						
			Both contacts are diffused and irregular.	236.0	239.0	798551			1	1	2		1					1	BB			10.5	<2	<0.5	45
			240.1-241.1cg to vcg HB syenite. Cut by grey veinlets. Patchy KF>>BI alteration (weak).																						
			241.1-241.95 Pale grey/creamy, bleached, fg felsic dyke with pink KF replacement, to <5mm subround patches (<15%). Sharp UC at 45° TCA and LC is diffused at 25° TCA. Intensely argillized feldspars.	239.0	242.0	798552			2	1	1		1			0.01	SP	2	BB			9.3	<2	<0.5	68
			Pervasive silicification at the upper contact.																						
			241.95-243.5 HB syenite w/some intermixed	242.0	245.0	798553			2	1	3	1	2			0.1	BB	2	BB			10.3	3	<0.5	295

Primary Interval				Assay Interval			QA/QC	Oxide Facies	Alteration Intensity					Mineralization							Analytical Results			
FROM (m)	TO (m)	LITH CODE	Remarks	From	To	Sample Number	Duplicate / Blank	O/T/S	Biot	Epichl	Kspar	Qtz	Calc	Py %	Py How	Cp %	Cp How	Mg %	Mg How	Min1 Code	Min1 (%)	Sample Wt (kg)	3B Au (ppb)	1DX Au (ppb)	1DX Cu (ppm)
			felsic dyke material. Moderate potassic alteration (KF>>BI) and some grey veinlets, HL-3mm. Vuggy w/calcite filling cavities. To 0.2% CP in veinlets, as BB and fracture-filling.																						
			243.5-244.1 Pale grey-green, fg to mg felsic dyke w/pink, ~20% KF "blotchy" replacement, similar to 241.1-241.95m. To 25% chloritized mafics (HB). UC at 40° TC and LC is irregular.																						
			Pegmatite pockets with vcg KF+/-EP-CA.	245.0	248.0	798554			2	2	3		1			0.03	BB	1	BB			9.5	3	1.1	501
			244.1-246.6 Moderate to locally strong KF and lesser BI alteration. Numerous grey veinlets and pale grey dykelets with significant CP mineralization (<0.3%).																						
			246.6-249.1 Blocky core w/common crumbly sections. Strongly KF altered HB syenite cut by narrow (<20cm) pale grey felsic dykelets.	248.0	250.5	798555			1	2	3		1			0.05	BB	1	BB	BO	0.03	7.2	7	1.8	488
			250.7-251.5 Similar to above, 246.6-249.1m.	250.5	252.5	798556			1	1	3		1			0.05	BB	1	BB			5.7	13	11.2	727
			251.5-254.7 Numerous grey-purple and pink (KF) veinlets, HL-5mm, commonly 20-30° TCA. Lesser 30cm pale grey, fg, felsic dykes, irregular and partially diffused contacts. Dykes overprint mod to lesser strong potassic alteration. To 0.2% CP>>BO associated with veining, BB and VN.	252.5	254.7	798557			2	1	3		1			0.2	BB	1	BB	BO	0.03	7.1	16	37.8	1040
254.7	**279.2**	**SYEN**	**SYENITE/MONZONITE(?) AND FG SYENITE PORPHYRY**																						
		SPOR	Pale grey to grey-green, cg monzonite/syenite(?), >10% quartz(?), 75% KF/plag and locally to 10-15% chloritized hornblende.	254.7	257.0	798558				2		1	2					1	DI			7.3	<2	2.3	28
				257.0	260.0	798559				2		1	2					1	DI			8.6	<2	0.5	6
			Numerous intercalation of porphyritic syenite(?), similar in composition to cg syenite; <5 to 25% pale grey subhedral/anhedral plag/KF(?), 2-4mm. Matrix is fg syenite. Lesser fg to >mg, equigranular variety.	260.0	263.0	798560				2		1	2					1	DI			9.5	<2	<0.5	8
			Contacts are diffused and irregular.	263.0	266.0	798561				2	1	2	2			0.01	IN	1	DI			8.4	<2	<0.5	42
			Hard to scratch, patchy to pervasive silicification(?). Weak CL, HB replacement and coating on fractures. Weak to moderate interstitial and fracture-controlled CA.	266.0	269.0	798562				2			3					0.5	DI			10.4	<2	1.0	6
			Very rare pink KF alteration and accompanied specks of CP (trace).																						
			275.1-258.2 Extremely broken up core w/clay gouge. Strong CL>HM on fractures.																						
			258.4-265.8 Heavily broken-up core over about 80% of this interval. Common CL-CA rich clay gouge. Narrow sections (<35-60 cm) of syenite(?) breccia and crackle breccia w/fracture-controlled strong CA.	269.0	272.0	798563				2		1	2					0.5	DI			9.7	<2	<0.5	5
			At 264.5-264.7 Weak, patchy KF alteration.																						

Primary Interval				Assay Interval			QA/QC	Oxide Facies	Alteration Intensity					Mineralization								Analytical Results			
FROM (m)	TO (m)	LITH CODE	Remarks	From	To	Sample Number	Duplicate / Blank	O/T/S	Biot	Epichl	Kspar	Qtz	Calc	Py %	Py How	Cp %	Cp How	Mg %	Mg How	Min1 Code	Min1 (%)	Sample Wt (kg)	3B Au (ppb)	1DX Au (ppb)	1DX Cu (ppm)
			Rare specks of CP (trace).																						
			272.75-273.9 Purple red, strong HM replacement of HB and minor coating on fractures.	272.0	275.0	798564				2		2	2					0.3	DI			10.0	<2	<0.5	5
			272.1-278.4 Patchy orange-pink, KF(?) alteration (weak). Pervasive silicification. To 5% HM blebs/clusters after HB/MG and rare veinlets.	275.0	277.2	798565				1		2	2					0.5	DI			8.2	<2	0.6	6
			278.4-279.2 Transitional zone. Cg syenite and syenite porphyry breccia. Strong silicification. Fracture-controlled CL>>CA.	277.2	279.2	798566				2	1	3	2					1	DI			6.3	<2	<0.5	7
279.2	**300.2**	**SPOR**	**SYENITE PORPHYRY, MINOR CG SYENITE (MONZONITE)**	279.2	282.0	798567				1		2	2					0.5	BB			9.6	<2	<0.5	2
			Similar to 254.7-279.2m. Pale to medium grey, fg equigranular and weakly porphyritic. Phenocrystic phases are <3-20% pale grey plag, subhedral/anhedral phenocrysts, 2-5mm and locally <5% chloritized HB, 2-4 mm.	282.0	285.0	798568				1		2	2					0	DI			9.9	<2	<0.5	1
			Groundmass is fg to aphanitic syenite/monzonite(?) in composition w/to 10% interstitial HB.	285.0	288.0	798569				2		2	1									9.1	<2	<0.5	1
				288.0	291.0	798570				2		2	1									10.4	<2	<0.5	1
			From 282.8 to 285.4m, minor orange stained(?) feldspar phenocrysts, KF(?) replacement.																						
			Rare narrow sections of syenite breccia w/angular fragments cemented by CL-CA-rich material; 293-293.1m and 295.7-296.3m.	294.0	297.0	798572				2		2	1									10.3	<2	<0.5	1
			297.7-300.2 Strongly fractured and brecciated forming crackle breccia, ~70% of this interval.	297.0	300.2	798573				2		2	1									9.1	<2	<0.5	6
			Fracture-controlled moderate CL>CA.			798574	Blank															6.5	<2	9.0	19
300.2			**EOH**																						

APPENDIX II

DRILL CORE ANALYSES

APPENDIX II - DRILL CORE ANALYSES

Rayfield River Property
Callinan Mines Limited/ Candorado Operating Co. Ltd.
(2007 - 2008)

Sample ID	Lab Report	Drill Hole	Interval from m	Interval to m	length m	Sample wt kg	3B Au PPB 2	1DX Au PPB 0.5	1DX Cu PPM 0.1	1DX Ag PPM 0.1	1DX As PPM 0.5	1DX Sb PPM 0.1	1DX Pb PPM 0.1	1DX Zn PPM 1	1DX Bi PPM 0.1	1DX Cd PPM 0.1	1DX Mo PPM 0.1
624252	van08 3725	DDH 784-07-01	20.6	22.0	1.4	3.0	<2	<0.5	51.0	<0.1	<0.5	0.1	2.3	20	<0.1	<0.1	0.6
624253	van08 3725	DDH 784-07-01	22.0	24.0	2.0	4.6	<2	0.7	27.0	<0.1	0.6	0.1	4.4	25	<0.1	<0.1	0.3
624254	van08 3725	DDH 784-07-01	24.0	26.0	2.0	5.2	2	<0.5	21.9	<0.1	1.0	0.1	5.5	29	<0.1	<0.1	0.1
624255	van08 3725	DDH 784-07-01	26.0	28.0	2.0	5.1	2	<0.5	74.7	<0.1	1.0	0.2	10.6	41	<0.1	<0.1	0.4
624256	van08 3725	DDH 784-07-01	28.0	30.0	2.0	3.8	2	0.7	83.5	<0.1	1.1	0.1	9.2	48	<0.1	<0.1	0.1
624257	van08 3725	DDH 784-07-01	30.0	32.0	2.0	5.4	6	0.5	44.7	<0.1	1.3	0.1	6.8	33	<0.1	<0.1	0.2
624258	van08 3725	DDH 784-07-01	32.0	34.0	2.0	6.0	5	6.5	24.5	<0.1	2.1	<0.1	6.3	23	<0.1	<0.1	0.3
624259	van08 3725	DDH 784-07-01	34.0	36.6	2.6	3.4	<2	0.8	28.1	<0.1	1.1	0.1	7.4	28	<0.1	<0.1	0.2
624261	van08 3725	DDH 784-07-01	36.6	38.3	1.7	5.2	<2	1.2	29.2	<0.1	1.1	0.1	4.7	32	<0.1	<0.1	<0.1
624262	van08 3725	DDH 784-07-01	38.3	40.0	1.7	4.9	<2	<0.5	27.8	<0.1	1.1	0.2	5.8	29	<0.1	<0.1	0.3
624263	van08 3725	DDH 784-07-01	40.0	43.0	3.0	7.8	9	<0.5	23.2	<0.1	1.1	0.1	4.0	30	<0.1	<0.1	0.2
624264	van08 3725	DDH 784-07-01	43.0	45.7	2.7	6.4	<2	<0.5	24.8	<0.1	0.9	<0.1	3.6	23	<0.1	<0.1	0.3
624265	van08 3725	DDH 784-07-01	45.7	48.4	2.7	6.6	2	2.4	32.1	<0.1	0.9	<0.1	5.9	23	<0.1	<0.1	0.1
624266	van08 3725	DDH 784-07-01	48.4	54.3	5.9	7.4	<2	0.9	63.3	<0.1	1.8	<0.1	4.5	41	<0.1	<0.1	2.5
624267	van08 3725	DDH 784-07-01	54.3	61.0	6.7	6.7	<2	0.6	47.2	<0.1	1.6	<0.1	3.9	37	<0.1	<0.1	3.8
624268	van08 3725	DDH 784-07-01	61.0	65.0	4.0	4.6	<2	<0.5	89.9	<0.1	2.9	0.2	5.2	39	<0.1	<0.1	1.8
624269	van08 3725	DDH 784-07-01	65.0	70.1	5.1	6.0	<2	1.1	70.9	<0.1	1.4	0.1	3.6	36	<0.1	<0.1	2.7
624270	van08 3725	DDH 784-07-01	70.1	76.2	6.1	6.9	12	8.6	668.0	<0.1	5.4	0.1	3.7	52	<0.1	0.1	2.0
624271	van08 3725	DDH 784-07-01	76.2	82.5	6.3	6.3	17	8.4	568.4	0.1	14.6	0.2	3.9	57	<0.1	0.1	2.0
624272	van08 3725	DDH 784-07-01	82.5	86.3	3.8	6.4	4	3.0	200.6	<0.1	3.5	<0.1	3.5	56	<0.1	<0.1	0.8
624273	van08 3725	DDH 784-07-01	86.3	92.1	5.8	7.0	5	1.9	351.9	0.1	2.6	0.1	5.7	47	<0.1	<0.1	1.1
624274	van08 3725	DDH 784-07-01	92.1	95.3	3.2	8.1	24	9.9	1050.0	0.1	4.1	0.1	6.2	66	<0.1	0.1	1.8
624276	van08 3725	DDH 784-07-01	95.3	97.3	2.0	5.2	<2	0.8	36.9	<0.1	2.6	0.2	4.7	47	<0.1	<0.1	0.7
624277	van08 3725	DDH 784-07-01	97.3	99.5	2.2	5.7	<2	<0.5	87.1	<0.1	2.2	<0.1	3.3	45	<0.1	<0.1	1.2
624278	van08 3725	DDH 784-07-01	99.5	100.9	1.4	3.7	<2	<0.5	22.8	<0.1	1.4	<0.1	3.5	43	<0.1	<0.1	1.7
624279	van08 3725	DDH 784-07-01	100.9	103.6	2.7	8.2	3	5.9	456.0	<0.1	2.7	0.1	2.0	56	<0.1	<0.1	1.5
624280	van08 3725	DDH 784-07-01	103.6	105.0	1.4	4.2	<2	1.9	62.9	<0.1	3.0	0.2	3.3	58	<0.1	<0.1	2.3
624281	van08 3725	DDH 784-07-01	105.0	106.7	1.7	5.0	<2	0.8	100.5	<0.1	2.9	0.1	28.4	58	<0.1	<0.1	0.9
624282	van08 3725	DDH 784-07-01	106.7	109.0	2.3	5.8	15	3.2	559.4	<0.1	3.4	0.1	2.9	62	<0.1	<0.1	1.0
624283	van08 3725	DDH 784-07-01	109.0	111.0	2.0	5.4	<2	1.8	97.5	<0.1	4.4	0.2	2.6	66	<0.1	<0.1	1.4
624284	van08 3725	DDH 784-07-01	111.0	113.0	2.0	5.6	4	0.8	203.9	<0.1	7.2	0.2	6.3	71	<0.1	<0.1	7.5

APPENDIX II - DRILL CORE ANALYSES

Sample ID	1DX Ni PPM 0.1	1DX Co PPM 0.1	1DX Ba PPM 1	1DX W PPM 0.1	1DX Hg PPM 0.01	1DX Mn PPM 1	1DX Fe % 0.01	1DX U PPM 0.1	1DX Th PPM 0.1	1DX Sr PPM 1	1DX V PPM 2	1DX Ca % 0.01	1DX P % 0.001	1DX La PPM 1	1DX Cr PPM 1	1DX Mg % 0.01	1DX Ti % 0.001	1DX B PPM 20
624252	2.2	3.1	82	<0.1	<0.01	362	1.45	0.5	1.0	352	58	0.72	0.077	9	3	0.13	0.034	<20
624253	0.6	2.6	21	<0.1	0.01	668	1.04	0.5	1.6	246	29	1.27	0.064	10	1	0.21	0.003	<20
624254	0.3	3.0	21	<0.1	0.01	736	0.98	0.5	0.9	181	15	1.28	0.063	11	<1	0.22	0.002	<20
624255	1.2	2.9	20	<0.1	<0.01	577	1.08	0.5	1.5	249	24	1.04	0.046	9	<1	0.20	0.004	<20
624256	1.3	2.5	18	<0.1	<0.01	667	0.87	0.5	1.2	170	14	1.14	0.054	8	<1	0.19	0.002	<20
624257	0.5	3.0	23	<0.1	<0.01	701	1.11	0.3	0.6	239	20	1.57	0.067	9	<1	0.21	0.003	<20
624258	0.2	2.8	44	<0.1	<0.01	471	1.23	0.2	0.6	558	38	1.03	0.058	9	<1	0.17	0.020	<20
624259	0.5	3.1	23	<0.1	<0.01	681	1.14	0.4	0.7	263	21	1.02	0.063	9	<1	0.26	0.003	<20
624261	0.5	3.1	19	<0.1	<0.01	861	0.92	1.7	2.5	158	9	1.28	0.058	10	<1	0.21	0.001	<20
624262	0.3	2.8	27	<0.1	<0.01	641	1.09	0.5	1.2	216	22	1.16	0.059	10	<1	0.19	0.008	<20
624263	0.4	3.7	19	<0.1	0.01	753	1.22	0.2	0.7	181	17	1.23	0.059	10	<1	0.21	0.004	<20
624264	0.3	2.7	40	<0.1	<0.01	557	1.21	0.2	0.6	343	34	0.99	0.058	9	1	0.16	0.012	<20
624265	<0.1	2.8	14	<0.1	<0.01	1388	0.94	0.4	0.9	197	10	2.11	0.062	8	<1	0.20	<0.001	<20
624266	0.6	4.9	41	<0.1	<0.01	837	1.61	0.4	0.8	306	42	1.09	0.086	12	1	0.27	0.003	<20
624267	0.7	5.3	83	<0.1	<0.01	635	1.48	0.6	1.1	229	43	1.04	0.108	13	1	0.22	0.025	<20
624268	0.5	5.4	121	<0.1	<0.01	765	1.63	0.9	1.8	360	46	1.97	0.110	14	1	0.31	0.036	<20
624269	1.1	5.4	300	<0.1	0.01	581	1.49	0.7	1.5	354	55	1.36	0.127	13	1	0.38	0.076	<20
624270	11.4	27.3	494	<0.1	<0.01	866	4.37	0.9	1.2	349	193	2.51	0.237	10	20	1.28	0.235	<20
624271	8.0	28.6	501	0.2	0.01	868	4.60	0.7	1.2	597	206	2.52	0.246	10	7	1.32	0.197	<20
624272	4.2	17.1	347	<0.1	<0.01	871	3.87	0.8	1.6	468	186	2.18	0.226	14	3	0.96	0.203	<20
624273	2.0	10.4	209	<0.1	<0.01	774	2.45	1.1	2.1	376	106	2.03	0.157	14	2	0.63	0.128	<20
624274	4.0	18.0	236	<0.1	<0.01	921	3.53	0.9	1.8	437	151	2.25	0.220	15	2	0.97	0.158	<20
624276	1.6	9.6	206	<0.1	0.01	794	2.24	0.6	2.3	261	63	2.48	0.112	13	<1	0.63	0.042	<20
624277	1.1	10.4	159	<0.1	<0.01	796	2.65	0.6	1.6	280	102	1.58	0.165	16	1	0.67	0.097	<20
624278	0.9	9.6	307	<0.1	<0.01	685	2.17	0.3	0.8	383	76	1.43	0.128	12	1	0.64	0.113	<20
624279	2.4	18.9	266	<0.1	<0.01	965	3.59	0.8	1.4	334	145	2.46	0.198	11	1	1.28	0.205	<20
624280	1.8	15.7	129	<0.1	0.01	1009	3.43	0.6	1.7	308	127	2.70	0.174	11	<1	0.96	0.112	<20
624281	2.8	18.0	347	<0.1	0.01	764	3.97	0.7	1.3	256	175	1.98	0.212	10	<1	0.98	0.179	<20
624282	3.1	19.9	479	<0.1	0.01	923	3.98	0.7	1.4	410	172	2.41	0.240	12	<1	1.04	0.206	<20
624283	2.5	20.2	273	<0.1	<0.01	941	3.83	0.8	1.6	327	151	2.14	0.203	11	<1	1.13	0.162	<20
624284	3.0	17.3	101	<0.1	<0.01	892	3.08	1.1	2.6	334	116	2.24	0.195	12	2	1.13	0.152	<20

APPENDIX II - DRILL CORE ANALYSES

Sample ID	1DX Al % 0.01	1DX Na % 0.001	1DX K % 0.01	1DX Sc PPM 0.1	1DX Tl PPM 0.1	1DX S % 0.05	1DX Ga PPM 1	1DX Se PPM 0.5
624252	2.58	1.678	0.44	0.6	<0.1	<0.05	4	<0.5
624253	1.22	0.634	0.14	0.9	<0.1	<0.05	2	<0.5
624254	1.60	1.130	0.15	0.9	<0.1	<0.05	2	<0.5
624255	2.40	2.036	0.11	0.7	<0.1	<0.05	3	<0.5
624256	2.06	1.766	0.13	0.7	<0.1	<0.05	2	<0.5
624257	2.92	2.372	0.13	1.0	<0.1	<0.05	4	<0.5
624258	3.51	2.853	0.16	0.5	<0.1	<0.05	5	<0.5
624259	2.78	2.163	0.15	0.8	<0.1	<0.05	3	<0.5
624261	1.66	1.273	0.14	0.9	<0.1	<0.05	2	<0.5
624262	1.79	1.302	0.18	0.8	<0.1	<0.05	2	<0.5
624263	1.09	0.670	0.17	1.0	<0.1	<0.05	2	<0.5
624264	1.97	1.225	0.26	0.8	<0.1	<0.05	3	<0.5
624265	0.36	0.084	0.17	0.9	<0.1	<0.05	<1	<0.5
624266	1.71	1.031	0.10	1.2	<0.1	<0.05	2	<0.5
624267	1.57	0.961	0.20	1.2	<0.1	<0.05	2	<0.5
624268	1.23	0.569	0.26	1.3	<0.1	<0.05	3	<0.5
624269	2.04	1.145	0.36	0.8	<0.1	<0.05	3	<0.5
624270	1.80	0.286	0.62	4.0	<0.1	0.10	6	0.6
624271	1.87	0.290	0.43	5.9	<0.1	0.08	6	<0.5
624272	1.87	0.556	0.49	4.0	<0.1	<0.05	5	0.7
624273	1.65	0.626	0.42	1.7	<0.1	<0.05	4	<0.5
624274	1.99	0.573	0.42	4.4	<0.1	0.10	5	<0.5
624276	0.91	0.102	0.28	2.0	<0.1	<0.05	3	<0.5
624277	1.23	0.287	0.38	1.7	<0.1	<0.05	3	<0.5
624278	1.45	0.347	0.46	0.8	<0.1	<0.05	4	<0.5
624279	1.72	0.166	0.44	4.1	<0.1	<0.05	6	<0.5
624280	1.66	0.243	0.22	3.1	<0.1	<0.05	5	<0.5
624281	1.83	0.194	0.39	2.2	<0.1	<0.05	6	<0.5
624282	1.96	0.275	0.50	3.6	<0.1	0.06	6	<0.5
624283	1.94	0.299	0.42	3.1	<0.1	<0.05	7	<0.5
624284	1.88	0.258	0.25	3.5	<0.1	<0.05	6	<0.5

APPENDIX II - DRILL CORE ANALYSES

Sample ID	Lab Report	Drill Hole	Interval from m	Interval to m	length m	Sample wt kg	3B Au PPB 2	1DX Au PPB 0.5	1DX Cu PPM 0.1	1DX Ag PPM 0.1	1DX As PPM 0.5	1DX Sb PPM 0.1	1DX Pb PPM 0.1	1DX Zn PPM 1	1DX Bi PPM 0.1	1DX Cd PPM 0.1	1DX Mo PPM 0.1
624285	van08 3725	DDH 784-07-01	113.0	115.0	2.0	6.8	<2	1.3	131.4	<0.1	4.4	0.1	8.3	64	<0.1	<0.1	0.9
624286	van08 3725	DDH 784-07-01	115.0	117.5	2.5	6.5	2	2.1	233.4	<0.1	1.8	<0.1	3.8	54	<0.1	<0.1	1.9
624287	van08 3725	DDH 784-07-01	117.5	120.1	2.6	7.7	2	1.9	126.0	<0.1	3.3	<0.1	3.8	67	<0.1	<0.1	2.7
624288	van08 3725	DDH 784-07-01	120.1	122.0	1.9	6.4	5	6.6	188.9	<0.1	2.1	<0.1	1.6	66	<0.1	<0.1	3.3
624289	van08 3725	DDH 784-07-01	122.0	123.4	1.4	4.2	4	4.9	152.0	<0.1	2.2	<0.1	1.5	71	<0.1	<0.1	3.7
624290	van08 3725	DDH 784-07-01	123.4	125.0	1.6	5.5	4	2.5	718.6	0.2	1.5	<0.1	4.1	36	<0.1	<0.1	3.6
624291	van08 3725	DDH 784-07-01	125.0	126.1	1.1	3.5	16	12.3	870.4	<0.1	1.3	<0.1	3.1	17	<0.1	<0.1	1.5
624292	van08 3725	DDH 784-07-01	126.1	129.3	3.2	9.5	5	3.9	258.8	<0.1	2.2	0.2	6.4	48	<0.1	<0.1	1.2
624293	van08 3725	DDH 784-07-01	129.3	131.5	2.2	6.3	<2	2.2	35.1	<0.1	1.5	0.2	3.2	36	<0.1	<0.1	0.8
624294	van08 3725	DDH 784-07-01	131.5	133.0	1.5	4.1	5	2.9	400.6	<0.1	3.4	0.2	5.9	43	<0.1	<0.1	0.9
624295	van08 3725	DDH 784-07-01	133.0	135.1	2.1	6.7	2	1.7	71.7	<0.1	2.3	<0.1	3.9	41	<0.1	<0.1	2.1
624296	van08 3725	DDH 784-07-01	135.1	137.0	1.9	5.8	4	4.6	212.7	<0.1	4.1	<0.1	4.0	53	<0.1	<0.1	3.0
624297	van08 3725	DDH 784-07-01	137.0	139.0	2.0	6.3	4	1.9	161.1	<0.1	2.0	<0.1	3.9	51	<0.1	<0.1	2.0
624298	van08 3725	DDH 784-07-01	139.0	141.0	2.0	5.9	3	2.7	170.9	<0.1	2.1	<0.1	5.6	50	<0.1	0.2	1.7
624299	van08 3725	DDH 784-07-01	141.0	143.0	2.0	7.3	3	4.1	78.5	<0.1	4.2	<0.1	4.2	59	<0.1	<0.1	2.3
624301	van08 3725	DDH 784-07-01	143.0	145.0	2.0	6.1	3	4.2	153.8	<0.1	4.3	<0.1	4.2	48	<0.1	<0.1	1.6
624302	van08 3725	DDH 784-07-01	145.0	147.0	2.0	5.0	2	0.9	55.3	<0.1	5.3	<0.1	3.6	47	<0.1	<0.1	1.3
624303	van08 3725	DDH 784-07-01	147.0	149.0	2.0	6.7	<2	1.1	101.4	<0.1	5.2	<0.1	3.8	47	<0.1	<0.1	1.3
624304	van08 3725	DDH 784-07-01	149.0	151.0	2.0	6.2	6	1.9	256.2	<0.1	5.0	0.1	3.6	47	<0.1	0.1	1.0
624305	van08 3725	DDH 784-07-01	151.0	153.0	2.0	5.4	3	0.6	208.9	<0.1	5.2	0.2	3.3	58	<0.1	0.1	1.1
624306	van08 3725	DDH 784-07-01	153.0	155.0	2.0	5.5	4	1.1	163.1	<0.1	2.8	0.2	11.0	49	<0.1	0.1	2.3
624307	van08 3725	DDH 784-07-01	155.0	157.0	2.0	4.3	3	14.0	156.7	<0.1	3.5	0.1	5.0	53	<0.1	<0.1	1.3
624308	van08 3725	DDH 784-07-01	157.0	159.0	2.0	6.3	<2	5.6	161.7	<0.1	5.2	0.1	5.2	54	<0.1	<0.1	1.0
624309	van08 3725	DDH 784-07-01	159.0	161.0	2.0	5.2	3	3.3	138.8	<0.1	3.5	<0.1	3.5	46	<0.1	0.1	1.8
624310	van08 3725	DDH 784-07-01	161.0	163.0	2.0	8.1	3	2.0	238.8	<0.1	6.4	0.1	4.3	66	<0.1	0.1	0.8
624311	van08 3725	DDH 784-07-01	163.0	165.0	2.0	5.7	7	1.5	243.4	<0.1	7.6	0.2	4.2	61	<0.1	0.1	1.1
624312	van08 3725	DDH 784-07-01	165.0	167.0	2.0	6.2	14	6.5	526.5	0.1	7.4	0.1	5.1	59	<0.1	0.1	2.4
624313	van08 3725	DDH 784-07-01	167.0	169.3	2.3	6.6	2	1.8	121.1	<0.1	10.1	0.2	4.2	62	<0.1	0.1	1.0
624314	van08 3725	DDH 784-07-01	169.3	171.0	1.7	5.9	5	2.5	181.1	<0.1	6.4	0.2	3.8	60	<0.1	<0.1	1.0
624315	van08 3725	DDH 784-07-01	171.0	172.9	1.9	6.6	3	0.6	411.8	<0.1	8.8	0.2	4.9	69	<0.1	<0.1	1.2
624316	van08 3725	DDH 784-07-01	172.9	175.5	2.6	6.7	3	2.1	85.3	<0.1	7.3	0.3	4.8	80	<0.1	<0.1	1.0
624317	van08 3725	DDH 784-07-01	175.5	176.0	0.5	3.5	<2	<0.5	152.4	<0.1	1.9	<0.1	4.5	40	<0.1	<0.1	0.4
624318	van08 3725	DDH 784-07-01	176.0	178.0	2.0	5.8	5	3.1	449.6	0.1	6.5	<0.1	5.7	47	<0.1	<0.1	1.1
624319	van08 3725	DDH 784-07-01	178.0	180.0	2.0	6.1	4	1.4	85.2	<0.1	5.3	<0.1	3.9	45	<0.1	<0.1	0.6
624320	van08 3725	DDH 784-07-01	180.0	181.5	1.5	5.1	2	1.8	118.1	<0.1	2.6	<0.1	3.5	37	<0.1	<0.1	0.6
624321	van08 3725	DDH 784-07-01	181.5	183.2	1.7	6.3	3	2.4	92.4	<0.1	2.0	<0.1	3.0	40	<0.1	<0.1	0.7

APPENDIX II - DRILL CORE ANALYSES

Sample ID	1DX Ni PPM 0.1	1DX Co PPM 0.1	1DX Ba PPM 1	1DX W PPM 0.1	1DX Hg PPM 0.01	1DX Mn PPM 1	1DX Fe % 0.01	1DX U PPM 0.1	1DX Th PPM 0.1	1DX Sr PPM 1	1DX V PPM 2	1DX Ca % 0.01	1DX P % 0.001	1DX La PPM 1	1DX Cr PPM 1	1DX Mg % 0.01	1DX Ti % 0.001	1DX B PPM 20
624285	2.5	18.5	185	0.1	0.01	827	3.96	0.8	1.3	279	180	2.31	0.221	11	1	0.92	0.212	<20
624286	2.4	14.9	115	0.1	<0.01	784	3.73	0.8	1.7	235	183	2.22	0.235	15	2	0.82	0.208	<20
624287	2.5	19.2	137	0.1	0.01	1035	4.40	1.0	2.1	274	201	2.47	0.250	17	2	1.06	0.199	<20
624288	3.8	14.7	143	0.4	<0.01	1235	3.47	1.0	3.7	236	167	2.91	0.412	39	6	1.05	0.183	<20
624289	3.6	16.8	130	0.2	<0.01	1454	4.09	0.9	3.1	446	194	3.05	0.306	37	5	1.23	0.169	<20
624290	2.8	12.9	56	0.1	<0.01	575	1.57	0.8	1.3	324	64	1.89	0.110	8	1	1.02	0.144	<20
624291	3.3	10.5	35	<0.1	<0.01	352	0.90	1.5	1.5	282	37	2.06	0.026	6	2	0.82	0.208	<20
624292	2.6	17.1	236	<0.1	<0.01	653	3.63	1.1	1.8	180	174	2.13	0.228	12	1	0.80	0.191	<20
624293	1.1	8.7	63	<0.1	<0.01	693	2.24	0.5	1.6	152	93	1.32	0.080	9	2	0.45	0.089	<20
624294	2.4	15.9	74	<0.1	<0.01	752	2.98	0.6	1.6	185	116	2.08	0.164	12	1	0.67	0.113	<20
624295	1.0	11.7	85	0.1	<0.01	667	2.98	0.8	2.0	153	129	1.82	0.160	12	1	0.61	0.139	<20
624296	1.8	14.2	64	0.1	<0.01	810	2.93	0.7	1.8	257	119	2.14	0.201	13	1	0.80	0.126	<20
624297	2.0	15.9	146	0.1	<0.01	727	3.83	0.7	1.6	266	182	2.25	0.217	13	1	0.75	0.193	<20
624298	6.8	19.5	154	<0.1	<0.01	782	4.02	0.8	1.8	161	187	2.15	0.196	11	13	0.88	0.210	<20
624299	3.3	17.6	113	0.1	<0.01	845	3.77	0.7	1.5	232	174	2.59	0.210	13	5	0.91	0.178	<20
624301	2.1	17.0	115	0.1	<0.01	772	3.94	0.8	1.6	171	185	2.29	0.204	12	<1	0.72	0.204	<20
624302	2.1	17.7	117	0.1	<0.01	802	3.81	0.8	1.6	188	172	2.33	0.198	11	<1	0.83	0.194	<20
624303	1.9	18.4	148	<0.1	<0.01	884	3.95	0.6	1.3	293	178	2.72	0.199	11	1	0.85	0.176	<20
624304	2.6	19.6	210	<0.1	<0.01	962	4.08	0.7	1.3	277	184	3.12	0.201	11	<1	0.87	0.158	<20
624305	2.1	18.2	50	<0.1	<0.01	1333	3.77	1.4	1.7	368	108	5.94	0.170	13	<1	1.01	0.042	<20
624306	1.6	13.4	80	<0.1	<0.01	880	3.18	0.9	2.0	251	133	2.90	0.187	12	1	0.70	0.140	<20
624307	1.4	14.2	144	<0.1	0.03	1015	3.70	0.9	1.7	304	150	2.91	0.187	12	<1	0.88	0.165	<20
624308	1.7	15.5	82	<0.1	<0.01	946	3.42	0.7	1.4	275	138	2.78	0.180	10	<1	0.92	0.143	<20
624309	1.2	13.5	92	<0.1	<0.01	827	3.02	0.8	1.6	215	127	2.69	0.157	10	<1	0.71	0.128	<20
624310	2.1	17.4	79	<0.1	0.01	1129	3.40	0.9	1.6	388	117	3.22	0.187	12	<1	1.11	0.068	<20
624311	1.9	16.9	106	<0.1	<0.01	1095	3.18	1.1	1.6	490	111	4.14	0.169	11	<1	1.10	0.099	<20
624312	2.2	16.5	204	<0.1	<0.01	920	3.19	1.1	2.0	433	119	2.46	0.180	12	<1	0.93	0.134	<20
624313	2.5	19.7	94	<0.1	<0.01	1472	3.82	1.2	1.6	563	132	3.92	0.183	11	<1	1.12	0.075	<20
624314	2.7	17.7	116	<0.1	<0.01	1161	3.52	1.0	1.6	308	144	3.45	0.183	11	<1	1.15	0.143	<20
624315	5.1	20.8	143	<0.1	<0.01	1311	3.78	1.2	1.7	541	139	3.64	0.197	12	9	1.27	0.125	21
624316	3.6	19.2	78	<0.1	<0.01	1332	3.77	1.1	1.5	538	129	3.50	0.187	12	5	1.33	0.086	<20
624317	1.3	7.7	26	<0.1	<0.01	824	2.16	1.0	3.0	302	72	1.85	0.106	12	<1	0.41	0.022	<20
624318	2.3	17.0	98	<0.1	<0.01	950	3.75	1.0	1.6	359	163	2.84	0.201	11	<1	0.85	0.147	<20
624319	2.3	15.8	97	<0.1	<0.01	874	3.71	1.0	1.7	310	166	2.66	0.190	11	<1	0.84	0.149	<20
624320	1.9	14.4	100	<0.1	<0.01	734	3.64	0.9	1.6	221	172	1.98	0.196	11	<1	0.71	0.155	<20
624321	2.1	15.3	147	<0.1	<0.01	808	3.94	1.0	1.6	249	194	2.19	0.192	11	<1	0.75	0.171	<20

APPENDIX II - DRILL CORE ANALYSES

Sample ID	1DX Al %	1DX Na %	1DX K %	1DX Sc PPM	1DX Tl PPM	1DX S %	1DX Ga PPM	1DX Se PPM
	0.01	0.001	0.01	0.1	0.1	0.05	1	0.5
624285	2.03	0.290	0.41	3.0	<0.1	<0.05	6	<0.5
624286	1.92	0.503	0.37	3.1	<0.1	<0.05	6	<0.5
624287	2.18	0.246	0.38	3.2	<0.1	<0.05	7	<0.5
624288	2.34	0.901	0.37	5.9	<0.1	<0.05	6	0.6
624289	2.68	0.949	0.43	7.0	<0.1	<0.05	7	<0.5
624290	2.36	0.891	0.30	2.7	<0.1	0.09	4	<0.5
624291	2.11	0.900	0.25	2.0	<0.1	0.09	3	<0.5
624292	1.73	0.325	0.42	2.3	<0.1	<0.05	6	<0.5
624293	1.21	0.433	0.32	1.2	<0.1	<0.05	3	<0.5
624294	1.23	0.198	0.33	2.8	<0.1	0.12	4	<0.5
624295	1.47	0.386	0.28	2.6	<0.1	<0.05	5	<0.5
624296	1.68	0.459	0.20	2.5	<0.1	<0.05	4	<0.5
624297	1.78	0.223	0.39	2.6	<0.1	<0.05	6	<0.5
624298	1.64	0.105	0.51	2.1	<0.1	<0.05	6	<0.5
624299	1.91	0.119	0.35	2.8	<0.1	<0.05	6	<0.5
624301	1.71	0.084	0.43	1.8	<0.1	<0.05	6	<0.5
624302	1.74	0.089	0.38	2.1	<0.1	<0.05	6	<0.5
624303	1.70	0.095	0.36	2.4	<0.1	<0.05	6	<0.5
624304	1.65	0.111	0.35	3.0	<0.1	<0.05	6	<0.5
624305	1.39	0.121	0.23	5.2	<0.1	<0.05	6	<0.5
624306	1.27	0.213	0.23	3.3	<0.1	<0.05	4	<0.5
624307	1.70	0.366	0.37	2.9	<0.1	<0.05	6	<0.5
624308	1.58	0.258	0.31	3.3	<0.1	<0.05	5	<0.5
624309	1.93	0.644	0.32	2.9	<0.1	<0.05	5	<0.5
624310	1.96	0.476	0.28	5.5	<0.1	<0.05	7	<0.5
624311	1.60	0.176	0.32	5.2	<0.1	<0.05	7	<0.5
624312	2.24	0.793	0.30	4.4	<0.1	0.06	6	<0.5
624313	2.20	0.587	0.22	6.3	<0.1	<0.05	7	0.5
624314	1.73	0.229	0.42	4.0	<0.1	<0.05	5	<0.5
624315	2.03	0.295	0.37	6.2	<0.1	<0.05	7	<0.5
624316	1.74	0.205	0.34	5.7	<0.1	<0.05	7	<0.5
624317	1.02	0.504	0.11	2.6	<0.1	<0.05	3	<0.5
624318	1.89	0.349	0.35	3.6	<0.1	<0.05	5	0.6
624319	1.79	0.233	0.38	2.8	<0.1	<0.05	6	0.5
624320	1.74	0.354	0.39	2.5	<0.1	<0.05	5	<0.5
624321	1.88	0.392	0.45	2.4	<0.1	<0.05	6	<0.5

APPENDIX II - DRILL CORE ANALYSES

Sample ID	Lab Report	Drill Hole	Interval from m	Interval to m	length m	Sample wt kg	3B Au PPB 2	1DX Au PPB 0.5	1DX Cu PPM 0.1	1DX Ag PPM 0.1	1DX As PPM 0.5	1DX Sb PPM 0.1	1DX Pb PPM 0.1	1DX Zn PPM 1	1DX Bi PPM 0.1	1DX Cd PPM 0.1	1DX Mo PPM 0.1
624322	van08 3725	DDH 784-07-01	183.2	185.0	1.8	6.6	<2	2.9	211.6	<0.1	2.5	<0.1	3.6	40	<0.1	<0.1	0.8
624323	van08 3725	DDH 784-07-01	185.0	187.5	2.5	9.3	<2	0.6	113.6	<0.1	1.5	<0.1	2.2	40	<0.1	<0.1	0.8
624324	van08 3725	DDH 784-07-01	187.5	190.0	2.5	9.1	6	2.6	335.2	0.1	1.6	<0.1	3.0	42	<0.1	<0.1	0.9
624326	van08 3725	DDH 784-07-01	190.0	192.5	2.5	9.4	5	1.6	78.7	<0.1	1.2	<0.1	2.4	36	<0.1	<0.1	1.0
624327	van08 3725	DDH 784-07-01	192.5	195.0	2.5	8.8	<2	1.4	72.9	<0.1	1.7	<0.1	27.6	39	<0.1	<0.1	1.0
624328	van08 3725	DDH 784-07-01	195.0	197.5	2.5	9.0	2	3.2	413.6	0.2	1.2	<0.1	3.1	33	<0.1	<0.1	2.1
624329	van08 3725	DDH 784-07-01	197.5	200.0	2.5	8.8	2	1.5	88.9	<0.1	0.9	<0.1	2.3	36	<0.1	<0.1	1.0
624330	van08 3725	DDH 784-07-01	200.0	202.5	2.5	8.8	3	<0.5	87.9	<0.1	1.2	<0.1	1.5	47	<0.1	<0.1	0.7
624331	van08 3725	DDH 784-07-01	202.5	205.0	2.5	8.8	4	1.6	112.3	<0.1	0.9	<0.1	1.5	47	<0.1	<0.1	0.7
624332	van08 3725	DDH 784-07-01	205.0	207.5	2.5	8.4	3	1.3	111.2	<0.1	1.5	<0.1	1.7	46	<0.1	<0.1	0.7
624333	van08 3725	DDH 784-07-01	207.5	210.0	2.5	8.9	3	0.5	77.2	<0.1	0.8	<0.1	3.0	44	<0.1	<0.1	0.9
624334	van08 3725	DDH 784-07-01	210.0	212.5	2.5	6.4	6	1.9	167.2	<0.1	1.1	<0.1	3.5	49	<0.1	<0.1	1.0
624335	van08 3725	DDH 784-07-01	212.5	215.0	2.5	9.9	3	1.0	138.6	<0.1	2.2	<0.1	5.1	47	<0.1	<0.1	1.1
624336	van08 3725	DDH 784-07-01	215.0	217.0	2.0	6.1	<2	<0.5	169.9	<0.1	1.2	<0.1	2.1	36	<0.1	<0.1	2.3
624337	van08 3725	DDH 784-07-01	217.0	219.0	2.0	6.7	<2	1.4	70.7	<0.1	2.0	<0.1	2.9	40	<0.1	<0.1	1.4
624338	van08 3725	DDH 784-07-01	219.0	221.0	2.0	7.2	2	1.0	88.1	<0.1	2.2	<0.1	3.6	46	<0.1	<0.1	0.6
624339	van08 3725	DDH 784-07-01	221.0	223.0	2.0	6.7	2	0.5	72.9	<0.1	1.5	<0.1	3.1	42	<0.1	<0.1	0.6
624340	van08 3725	DDH 784-07-01	223.0	225.0	2.0	6.8	2	1.0	87.6	<0.1	3.0	<0.1	3.7	45	<0.1	<0.1	0.6
624341	van08 3725	DDH 784-07-01	225.0	227.0	2.0	7.8	2	<0.5	84.3	<0.1	2.7	<0.1	3.6	48	<0.1	<0.1	0.9
624342	van08 3725	DDH 784-07-01	227.0	229.5	2.5	8.2	2	1.2	86.0	<0.1	1.7	<0.1	3.3	41	<0.1	<0.1	0.7
624343	van08 3725	DDH 784-07-01	229.5	232.0	2.5	8.1	<2	0.9	126.9	<0.1	3.1	0.1	5.8	53	<0.1	<0.1	0.9
624344	van08 3725	DDH 784-07-01	232.0	234.5	2.5	8.7	2	<0.5	122.6	<0.1	3.9	0.2	3.7	60	<0.1	<0.1	1.4
624345	van08 3725	DDH 784-07-01	234.5	237.0	2.5	9.0	<2	0.6	53.1	<0.1	4.8	0.1	3.1	48	<0.1	<0.1	0.8
624346	van08 3725	DDH 784-07-01	237.0	239.6	2.6	8.6	<2	0.8	69.8	<0.1	3.9	0.3	6.0	49	<0.1	<0.1	1.6
624347	van08 3725	DDH 784-07-01	239.6	242.0	2.4	8.7	<2	0.6	59.4	<0.1	2.6	0.2	4.4	46	<0.1	<0.1	1.4
624348	van08 3725	DDH 784-07-01	242.0	244.5	2.5	9.5	<2	0.9	48.5	<0.1	2.3	0.1	4.0	45	<0.1	<0.1	0.9
624349	van08 3725	DDH 784-07-01	244.5	247.0	2.5	8.7	3	1.8	209.8	0.1	2.5	0.1	3.9	49	<0.1	<0.1	0.7
624351	van08 3725	DDH 784-07-01	247.0	249.5	2.5	8.5	<2	0.8	84.9	<0.1	1.8	0.1	3.7	43	<0.1	<0.1	0.8
624352	van08 3725	DDH 784-07-01	249.5	252.5	3.0	10.5	<2	0.6	45.0	<0.1	3.6	0.2	4.4	65	<0.1	<0.1	0.6
624353	van08 3725	DDH 784-07-01	252.5	255.0	2.5	8.2	<2	0.6	67.1	<0.1	3.3	0.1	7.4	58	<0.1	<0.1	0.8
624354	van08 3725	DDH 784-07-01	255.0	257.6	2.6	9.3	2	<0.5	105.9	<0.1	2.5	<0.1	4.2	40	<0.1	<0.1	0.9
624356	a800298	DDH 784-07-02	4.8	7.6	2.8	8.1	<2	1.4	60.6	<0.1	0.8	<0.1	4.9	20	<0.1	<0.1	0.8
624357	a800298	DDH 784-07-02	7.6	13.7	6.1	1.5	<2	0.5	69.2	0.4	0.5	0.1	20.2	51	<0.1	0.2	0.5
624358	a800298	DDH 784-07-02	13.7	22.9	9.2	2.8	<2	<0.5	64.8	0.6	0.5	0.1	6.4	31	<0.1	<0.1	0.6
624359	a800298	DDH 784-07-02	22.9	27.4	4.5	2.6	<2	0.8	55.7	<0.1	<0.5	0.1	5.2	23	<0.1	<0.1	0.4

APPENDIX II - DRILL CORE ANALYSES

Sample ID	1DX Ni PPM 0.1	1DX Co PPM 0.1	1DX Ba PPM 1	1DX W PPM 0.1	1DX Hg PPM 0.01	1DX Mn PPM 1	1DX Fe % 0.01	1DX U PPM 0.1	1DX Th PPM 0.1	1DX Sr PPM 1	1DX V PPM 2	1DX Ca % 0.01	1DX P % 0.001	1DX La PPM 1	1DX Cr PPM 1	1DX Mg % 0.01	1DX Ti % 0.001	1DX B PPM 20
624322	2.1	15.4	146	<0.1	<0.01	881	3.97	0.9	1.6	287	191	2.11	0.194	10	<1	0.75	0.175	<20
624323	2.5	15.0	135	<0.1	<0.01	748	4.02	1.0	1.7	200	200	1.94	0.208	11	1	0.72	0.177	<20
624324	2.6	16.4	168	<0.1	<0.01	723	4.25	1.0	1.7	288	213	1.78	0.213	11	1	0.80	0.186	<20
624326	2.0	13.6	124	<0.1	<0.01	672	3.77	0.8	1.5	177	188	1.64	0.190	10	1	0.74	0.166	<20
624327	2.2	14.4	137	<0.1	<0.01	744	3.81	0.8	1.4	200	184	2.17	0.195	11	1	0.78	0.181	<20
624328	1.8	11.8	123	<0.1	<0.01	606	3.10	0.9	2.0	189	152	1.79	0.154	9	1	0.61	0.151	<20
624329	2.1	13.6	130	<0.1	<0.01	682	3.72	0.9	1.5	161	192	1.64	0.196	12	1	0.68	0.178	<20
624330	2.0	13.5	130	<0.1	<0.01	668	3.83	0.9	1.6	135	203	1.49	0.192	11	2	0.63	0.168	<20
624331	2.1	14.0	134	<0.1	<0.01	661	3.93	0.9	1.6	137	207	1.49	0.199	11	2	0.62	0.171	<20
624332	2.3	13.4	148	<0.1	<0.01	683	3.83	0.9	1.6	165	200	1.63	0.192	11	2	0.63	0.171	<20
624333	2.5	14.3	121	<0.1	<0.01	816	3.83	0.8	1.4	343	184	2.34	0.197	11	1	0.72	0.167	<20
624334	1.8	14.0	99	<0.1	<0.01	838	3.24	0.9	1.6	392	148	2.28	0.182	11	1	0.78	0.139	<20
624335	1.8	14.8	95	<0.1	<0.01	808	3.42	0.8	1.4	316	161	2.37	0.198	11	1	0.76	0.133	<20
624336	1.2	8.9	46	<0.1	<0.01	838	2.64	0.8	1.8	877	102	2.82	0.124	10	1	0.55	0.071	<20
624337	1.8	11.9	64	<0.1	<0.01	1204	3.10	0.8	1.3	440	132	4.21	0.158	10	<1	0.72	0.080	<20
624338	2.0	14.8	87	<0.1	<0.01	945	3.72	0.9	1.5	451	169	2.60	0.192	12	<1	0.84	0.118	<20
624339	2.1	14.3	79	<0.1	<0.01	916	3.60	0.8	1.4	741	162	3.23	0.190	11	<1	0.82	0.113	<20
624340	2.1	16.4	101	<0.1	<0.01	1010	3.87	0.9	1.6	434	172	2.80	0.185	11	<1	0.92	0.130	<20
624341	2.2	16.4	112	<0.1	<0.01	953	3.86	0.9	1.5	557	175	2.91	0.193	11	1	0.93	0.138	<20
624342	2.0	16.2	116	<0.1	<0.01	1060	4.08	1.1	1.8	321	172	2.76	0.188	12	<1	0.86	0.145	<20
624343	2.3	16.8	97	<0.1	<0.01	1488	3.50	1.3	2.4	416	128	5.08	0.178	12	<1	1.14	0.086	<20
624344	1.8	16.5	145	<0.1	<0.01	1058	3.69	1.0	1.9	312	136	2.60	0.182	12	<1	1.06	0.140	<20
624345	2.4	17.3	259	<0.1	<0.01	922	4.22	1.0	1.6	381	174	2.78	0.217	12	<1	0.99	0.173	<20
624346	1.2	15.3	103	<0.1	<0.01	1150	3.57	1.8	2.1	388	138	3.97	0.175	12	<1	0.93	0.121	<20
624347	2.3	17.1	133	<0.1	<0.01	811	3.96	1.4	1.7	214	175	2.51	0.212	12	<1	0.88	0.175	<20
624348	2.1	14.1	165	<0.1	<0.01	830	3.65	1.1	2.1	274	166	2.66	0.194	13	<1	0.79	0.158	<20
624349	1.7	13.6	86	<0.1	<0.01	882	3.55	2.2	16.2	216	155	2.38	0.178	80	<1	0.81	0.123	<20
624351	2.0	15.6	124	<0.1	<0.01	909	3.95	1.1	1.9	255	173	2.61	0.201	13	<1	0.86	0.151	<20
624352	2.2	15.4	92	<0.1	<0.01	977	3.44	2.3	4.2	251	127	2.52	0.181	13	1	0.96	0.124	<20
624353	2.2	15.5	118	<0.1	<0.01	1058	4.01	2.1	2.8	209	188	2.92	0.202	13	1	0.94	0.175	<20
624354	2.1	17.5	167	<0.1	<0.01	772	4.37	1.2	2.0	217	198	2.69	0.207	13	<1	0.95	0.186	<20
624356	1.5	1.4	45	0.3	<0.01	225	0.72	0.4	0.8	156	39	0.39	0.013	5	4	0.08	0.034	<20
624357	1.1	2.1	74	0.1	0.01	324	0.83	0.6	1.3	134	33	0.73	0.022	10	3	0.10	0.018	<20
624358	0.3	1.5	71	<0.1	<0.01	337	0.97	0.7	1.5	83	59	0.54	0.015	13	2	0.10	0.029	<20
624359	0.6	1.2	78	<0.1	<0.01	357	0.76	0.4	1.2	103	45	0.64	0.011	10	2	0.09	0.016	<20

APPENDIX II - DRILL CORE ANALYSES

Sample ID	1DX Al %	1DX Na %	1DX K %	1DX Sc PPM	1DX Tl PPM	1DX S %	1DX Ga PPM	1DX Se PPM
	0.01	0.001	0.01	0.1	0.1	0.05	1	0.5
624322	1.94	0.489	0.48	2.3	<0.1	<0.05	6	<0.5
624323	2.32	0.846	0.50	1.7	<0.1	<0.05	6	0.7
624324	2.31	0.819	0.53	2.1	<0.1	<0.05	6	0.9
624326	1.74	0.471	0.44	1.9	<0.1	<0.05	5	0.5
624327	1.76	0.450	0.43	2.4	<0.1	<0.05	5	<0.5
624328	1.57	0.450	0.37	1.8	<0.1	<0.05	4	<0.5
624329	1.76	0.545	0.42	1.7	<0.1	<0.05	5	<0.5
624330	1.94	0.673	0.46	1.3	<0.1	<0.05	6	<0.5
624331	1.99	0.743	0.48	1.3	<0.1	<0.05	5	<0.5
624332	1.95	0.678	0.47	1.5	<0.1	<0.05	6	<0.5
624333	1.90	0.495	0.43	2.4	<0.1	<0.05	5	<0.5
624334	1.62	0.446	0.34	3.2	<0.1	<0.05	5	<0.5
624335	1.51	0.266	0.33	2.5	<0.1	<0.05	5	<0.5
624336	1.55	0.674	0.19	2.5	<0.1	<0.05	3	<0.5
624337	1.91	0.734	0.21	3.4	<0.1	<0.05	4	<0.5
624338	1.85	0.576	0.33	3.7	<0.1	<0.05	5	<0.5
624339	2.13	0.830	0.29	3.9	<0.1	<0.05	5	<0.5
624340	2.29	0.681	0.36	4.0	<0.1	<0.05	6	<0.5
624341	2.13	0.665	0.36	3.8	<0.1	<0.05	6	<0.5
624342	2.24	1.093	0.41	4.5	<0.1	<0.05	5	<0.5
624343	1.57	0.389	0.27	5.9	<0.1	<0.05	6	<0.5
624344	1.47	0.169	0.38	4.2	<0.1	<0.05	7	<0.5
624345	1.57	0.115	0.41	3.4	<0.1	<0.05	6	<0.5
624346	1.27	0.110	0.34	4.6	<0.1	<0.05	6	<0.5
624347	1.47	0.121	0.41	3.1	<0.1	<0.05	6	<0.5
624348	1.68	0.255	0.31	3.8	<0.1	<0.05	6	<0.5
624349	1.73	0.394	0.24	4.2	<0.1	<0.05	6	<0.5
624351	1.55	0.245	0.36	3.8	<0.1	<0.05	6	<0.5
624352	1.63	0.223	0.36	3.3	<0.1	<0.05	6	<0.5
624353	1.76	0.318	0.43	4.4	<0.1	<0.05	7	<0.5
624354	1.72	0.181	0.45	3.4	<0.1	<0.05	6	<0.5
624356	0.74	0.343	0.15	0.6	<0.1	<0.05	1	<0.5
624357	0.42	0.097	0.12	0.7	<0.1	<0.05	1	<0.5
624358	0.38	0.071	0.17	0.5	<0.1	<0.05	1	<0.5
624359	0.29	0.048	0.12	0.4	<0.1	<0.05	1	<0.5

APPENDIX II - DRILL CORE ANALYSES

Sample ID	Lab Report	Drill Hole	Interval from m	Interval to m	length m	Sample wt kg	3B Au PPB 2	1DX Au PPB 0.5	1DX Cu PPM 0.1	1DX Ag PPM 0.1	1DX As PPM 0.5	1DX Sb PPM 0.1	1DX Pb PPM 0.1	1DX Zn PPM 1	1DX Bi PPM 0.1	1DX Cd PPM 0.1	1DX Mo PPM 0.1
624360	a800298	DDH 784-07-02	27.4	29.4	2.0	2.8	<2	<0.5	139.9	0.1	<0.5	0.1	6.8	20	<0.1	0.1	0.2
624361	a800298	DDH 784-07-02	29.4	32.0	2.6	3.9	<2	0.8	92.9	<0.1	<0.5	0.1	5.8	24	<0.1	<0.1	0.4
624362	a800298	DDH 784-07-02	32.0	39.0	7.0	3.1	<2	<0.5	113.6	0.2	0.8	0.2	11.4	30	<0.1	0.1	0.5
624363	a800298	DDH 784-07-02	39.0	41.1	2.1	3.5	<2	<0.5	226.9	0.1	3.4	3.7	29.7	31	0.2	0.1	6.4
624364	a800298	DDH 784-07-02	41.1	45.6	4.5	5.1	<2	<0.5	118.6	<0.1	0.7	0.6	11.5	27	0.1	0.1	0.5
624365	a800298	DDH 784-07-02	45.6	48.9	3.3	2.4	<2	<0.5	29.3	<0.1	0.5	0.1	8.8	19	<0.1	<0.1	0.2
624366	a800298	DDH 784-07-02	48.9	51.8	2.9	4.1	<2	0.5	101.8	<0.1	0.7	0.2	10.6	18	<0.1	0.1	0.3
624367	a800298	DDH 784-07-02	51.8	54.8	3.0	6.7	<2	1.0	22.5	<0.1	0.8	0.3	7.7	29	<0.1	0.1	0.3
624368	a800298	DDH 784-07-02	54.8	56.8	2.0	5.6	<2	<0.5	21.5	<0.1	0.6	0.1	4.7	20	<0.1	<0.1	0.2
624369	a800298	DDH 784-07-02	56.8	58.8	2.0	5.0	<2	<0.5	51.1	<0.1	1.0	0.2	7.4	22	<0.1	<0.1	0.2
624370	a800298	DDH 784-07-02	58.8	60.8	2.0	6.2	<2	0.5	30.7	<0.1	0.6	0.2	4.1	20	<0.1	<0.1	0.3
624371	a800298	DDH 784-07-02	60.8	62.8	2.0	5.3	<2	1.7	126.3	0.3	<0.5	0.2	9.5	22	<0.1	<0.1	0.4
624372	a800298	DDH 784-07-02	62.8	64.8	2.0	5.8	<2	<0.5	34.1	<0.1	0.8	0.2	3.6	18	<0.1	<0.1	0.2
624373	a800298	DDH 784-07-02	64.8	66.8	2.0	5.9	<2	<0.5	33.7	<0.1	0.9	0.2	5.1	21	<0.1	<0.1	0.4
624374	a800298	DDH 784-07-02	66.8	68.8	2.0	5.8	<2	<0.5	34.2	<0.1	0.6	0.2	4.9	20	<0.1	<0.1	0.3
624376	a800298	DDH 784-07-02	68.8	71.4	2.6	6.5	<2	<0.5	29.1	<0.1	1.2	0.2	5.6	24	<0.1	0.1	0.4
624377	a800298	DDH 784-07-02	71.4	73.4	2.0	5.8	<2	0.5	21.0	<0.1	1.0	0.2	3.1	26	<0.1	<0.1	0.3
624378	a800298	DDH 784-07-02	73.4	75.4	2.0	5.1	<2	<0.5	47.8	<0.1	0.8	0.2	5.7	24	<0.1	0.1	0.3
624379	a800298	DDH 784-07-02	75.4	78.0	2.6	8.1	<2	<0.5	33.7	<0.1	0.8	0.2	3.8	20	<0.1	<0.1	0.2
624380	a800298	DDH 784-07-02	78.0	80.0	2.0	4.8	4	<0.5	42.3	<0.1	1.0	0.2	3.6	18	<0.1	<0.1	0.3
624381	a800298	DDH 784-07-02	80.0	82.0	2.0	5.8	2	1.5	113.8	<0.1	0.5	0.1	6.3	16	<0.1	<0.1	0.2
624382	a800298	DDH 784-07-02	82.0	84.0	2.0	5.3	2	0.8	75.8	<0.1	0.5	0.1	3.8	17	<0.1	<0.1	0.4
624383	a800298	DDH 784-07-02	84.0	86.0	2.0	5.9	2	<0.5	37.7	<0.1	0.5	0.1	3.0	20	<0.1	<0.1	0.1
624384	a800298	DDH 784-07-02	86.0	88.0	2.0	4.6	<2	6.1	75.5	<0.1	<0.5	0.1	4.8	21	0.1	<0.1	0.2
624385	a800298	DDH 784-07-02	88.0	91.0	3.0	8.0	<2	<0.5	48.8	<0.1	0.6	0.1	4.1	19	<0.1	<0.1	0.3
624386	a800298	DDH 784-07-02	91.0	93.0	2.0	5.6	3	0.6	39.8	<0.1	0.5	0.1	2.8	25	<0.1	<0.1	0.3
624387	a800298	DDH 784-07-02	93.0	95.0	2.0	5.7	<2	2.0	57.2	<0.1	0.9	0.1	4.9	28	<0.1	<0.1	0.3
624388	a800298	DDH 784-07-02	95.0	97.6	2.6	7.7	4	1.9	71.7	<0.1	0.8	0.1	9.6	42	<0.1	0.1	0.3
624389	a800298	DDH 784-07-02	97.6	100.6	3.0	8.8	4	1.1	48.3	<0.1	1.0	0.1	5.3	28	<0.1	0.1	0.2
624390	a800298	DDH 784-07-02	100.6	103.6	3.0	6.9	<2	0.7	43.2	<0.1	0.8	0.1	2.5	29	<0.1	0.1	0.2
624391	a800298	DDH 784-07-02	103.6	106.6	3.0	8.2	<2	0.6	93.0	<0.1	1.1	0.1	2.8	24	<0.1	<0.1	0.2
624392	a800298	DDH 784-07-02	106.6	110.7	4.1	8.2	<2	0.5	43.2	<0.1	0.6	0.1	2.4	21	<0.1	<0.1	0.3
624393	a800298	DDH 784-07-02	110.7	113.0	2.3	7.1	2	1.2	36.7	<0.1	0.9	0.1	1.7	19	<0.1	<0.1	0.3
624394	a800298	DDH 784-07-02	113.0	115.5	2.5	7.4	5	0.6	45.9	<0.1	0.6	0.1	2.0	18	<0.1	<0.1	0.3
624395	a800298	DDH 784-07-02	115.5	118.0	2.5	7.7	2	0.6	47.5	<0.1	0.6	0.1	1.3	18	<0.1	<0.1	0.3
624396	a800298	DDH 784-07-02	118.0	120.5	2.5	4.6	<2	0.5	67.8	<0.1	0.8	0.1	2.8	21	<0.1	<0.1	0.3

APPENDIX II - DRILL CORE ANALYSES

Sample ID	1DX Ni PPM 0.1	1DX Co PPM 0.1	1DX Ba PPM 1	1DX W PPM 0.1	1DX Hg PPM 0.01	1DX Mn PPM 1	1DX Fe % 0.01	1DX U PPM 0.1	1DX Th PPM 0.1	1DX Sr PPM 1	1DX V PPM 2	1DX Ca % 0.01	1DX P % 0.001	1DX La PPM 1	1DX Cr PPM 1	1DX Mg % 0.01	1DX Ti % 0.001	1DX B PPM 20
624360	0.4	0.9	229	<0.1	<0.01	460	0.67	0.5	1.1	272	42	1.09	0.005	11	<1	0.11	0.006	<20
624361	0.8	1.3	126	<0.1	<0.01	484	0.84	0.8	1.4	125	48	0.80	0.010	9	2	0.11	0.017	<20
624362	0.4	1.0	51	0.1	<0.01	213	0.67	0.6	1.6	71	26	0.42	0.012	15	2	0.10	0.003	<20
624363	0.3	0.9	46	0.1	0.01	338	0.58	0.7	1.4	87	18	0.64	0.012	13	1	0.04	0.006	<20
624364	0.3	1.1	36	0.1	<0.01	459	0.57	0.7	1.5	87	16	0.91	0.012	15	1	0.03	0.004	<20
624365	0.2	0.9	44	0.1	<0.01	596	0.44	0.5	1.7	174	8	1.13	0.013	14	<1	0.03	0.001	<20
624366	0.5	0.6	51	<0.1	<0.01	400	0.37	0.7	1.9	116	12	0.88	0.013	14	1	0.01	0.002	<20
624367	0.7	0.8	59	0.1	<0.01	76	0.60	0.2	1.3	120	13	0.50	0.014	11	1	0.04	0.001	<20
624368	0.4	0.7	46	0.1	<0.01	54	0.56	0.2	1.5	111	11	0.29	0.012	12	1	0.03	0.001	<20
624369	0.4	0.7	71	0.1	<0.01	40	0.54	0.4	1.4	116	19	0.21	0.011	12	1	0.03	0.002	<20
624370	0.7	0.8	52	0.1	<0.01	53	0.57	0.3	1.2	113	18	0.20	0.012	12	1	0.03	0.002	<20
624371	0.4	1.1	69	0.1	<0.01	127	0.69	0.4	1.3	144	38	0.49	0.013	12	1	0.04	0.004	<20
624372	0.2	0.9	67	0.1	<0.01	183	0.73	0.3	1.2	196	31	0.62	0.011	12	<1	0.05	0.002	<20
624373	0.7	1.0	85	0.1	<0.01	136	0.75	0.3	1.3	139	33	0.71	0.012	12	2	0.04	0.002	<20
624374	0.3	0.9	78	0.1	<0.01	246	0.63	0.4	1.2	139	22	1.01	0.012	13	<1	0.03	0.002	<20
624376	1.0	1.0	71	<0.1	<0.01	192	0.71	0.3	1.3	135	25	0.92	0.012	12	2	0.03	0.002	<20
624377	0.8	1.6	74	<0.1	<0.01	334	0.94	0.5	1.2	216	51	0.86	0.015	12	2	0.07	0.008	<20
624378	0.4	1.2	66	0.1	<0.01	346	0.79	0.4	1.2	141	41	0.96	0.014	13	<1	0.04	0.005	<20
624379	0.3	1.0	73	<0.1	<0.01	315	0.69	0.4	1.1	162	34	0.74	0.012	11	1	0.05	0.004	<20
624380	0.6	0.9	59	0.1	<0.01	230	0.64	0.3	1.2	131	30	0.72	0.013	12	1	0.03	0.002	<20
624381	<0.1	0.8	100	0.1	<0.01	333	0.52	0.3	1.1	116	13	1.01	0.014	14	<1	0.03	0.002	<20
624382	0.7	1.0	87	0.1	<0.01	256	0.70	0.4	1.2	163	38	0.79	0.014	12	2	0.03	0.003	<20
624383	0.1	1.3	212	<0.1	<0.01	362	0.79	0.5	1.1	334	48	0.98	0.013	11	2	0.06	0.006	<20
624384	0.5	1.3	61	<0.1	<0.01	416	0.82	0.5	1.3	246	44	1.11	0.014	11	1	0.08	0.006	<20
624385	0.3	1.0	110	0.1	<0.01	448	0.76	0.4	1.1	253	40	1.20	0.016	13	2	0.05	0.002	<20
624386	0.5	1.5	259	0.1	<0.01	572	1.03	0.6	1.0	181	64	0.83	0.018	8	2	0.09	0.030	<20
624387	0.6	1.7	164	<0.1	0.01	733	1.04	0.9	1.4	231	61	1.20	0.016	10	3	0.11	0.025	<20
624388	0.1	1.6	66	0.1	<0.01	590	0.97	0.8	1.5	195	54	1.25	0.019	10	2	0.10	0.029	<20
624389	0.2	1.6	42	<0.1	<0.01	527	0.95	0.9	1.5	259	55	1.29	0.016	8	2	0.11	0.020	<20
624390	<0.1	1.4	144	<0.1	<0.01	445	0.89	0.7	1.1	308	51	1.17	0.014	8	2	0.10	0.023	<20
624391	0.4	1.4	77	0.1	<0.01	342	0.92	0.6	1.1	222	52	0.72	0.017	8	3	0.08	0.026	<20
624392	3.8	3.2	115	14.9	0.01	316	0.79	0.5	0.9	270	46	0.91	0.013	7	2	0.08	0.019	<20
624393	0.6	1.0	53	0.1	<0.01	305	0.75	0.5	1.0	190	40	0.82	0.012	6	2	0.06	0.021	<20
624394	0.3	1.1	36	0.1	<0.01	288	0.74	0.5	1.0	167	39	0.72	0.013	6	2	0.06	0.019	<20
624395	0.3	1.2	34	<0.1	<0.01	346	0.81	0.5	0.9	227	46	1.00	0.013	8	2	0.08	0.019	<20
624396	0.5	1.5	94	0.1	<0.01	333	0.80	0.6	1.3	321	40	1.12	0.015	10	1	0.07	0.009	<20

APPENDIX II - DRILL CORE ANALYSES

Sample ID	1DX Al %	1DX Na %	1DX K %	1DX Sc PPM	1DX Tl PPM	1DX S %	1DX Ga PPM	1DX Se PPM
	0.01	0.001	0.01	0.1	0.1	0.05	1	0.5
624360	0.38	0.063	0.12	0.3	<0.1	<0.05	1	<0.5
624361	0.41	0.057	0.13	0.4	<0.1	<0.05	1	<0.5
624362	0.32	0.070	0.13	0.4	<0.1	<0.05	1	0.5
624363	0.20	0.058	0.13	0.3	<0.1	<0.05	1	<0.5
624364	0.20	0.056	0.13	0.4	<0.1	<0.05	1	<0.5
624365	0.25	0.058	0.13	0.3	<0.1	<0.05	1	<0.5
624366	0.22	0.063	0.14	0.3	<0.1	<0.05	1	<0.5
624367	0.33	0.074	0.16	0.4	<0.1	<0.05	1	<0.5
624368	0.31	0.061	0.13	0.4	<0.1	<0.05	1	<0.5
624369	0.30	0.077	0.16	0.2	<0.1	<0.05	1	<0.5
624370	0.25	0.062	0.13	0.4	<0.1	<0.05	1	<0.5
624371	0.33	0.075	0.14	0.4	<0.1	<0.05	1	<0.5
624372	0.35	0.052	0.09	0.4	<0.1	<0.05	1	<0.5
624373	0.38	0.089	0.16	0.4	<0.1	<0.05	1	<0.5
624374	0.28	0.061	0.13	0.4	<0.1	<0.05	1	<0.5
624376	0.37	0.072	0.15	0.4	<0.1	<0.05	1	<0.5
624377	0.46	0.083	0.12	0.6	<0.1	<0.05	2	<0.5
624378	0.33	0.054	0.11	0.5	<0.1	<0.05	1	<0.5
624379	0.36	0.073	0.12	0.4	<0.1	<0.05	1	<0.5
624380	0.28	0.055	0.09	0.3	<0.1	<0.05	1	<0.5
624381	0.33	0.065	0.15	0.4	<0.1	<0.05	1	<0.5
624382	0.31	0.058	0.12	0.5	<0.1	<0.05	1	<0.5
624383	0.42	0.072	0.10	0.4	<0.1	<0.05	1	<0.5
624384	0.39	0.057	0.09	0.5	<0.1	<0.05	2	<0.5
624385	0.41	0.074	0.14	0.4	<0.1	<0.05	1	<0.5
624386	0.41	0.066	0.11	0.6	<0.1	<0.05	2	<0.5
624387	0.49	0.079	0.12	0.5	<0.1	<0.05	2	<0.5
624388	0.39	0.074	0.11	0.4	<0.1	<0.05	1	<0.5
624389	0.43	0.061	0.07	0.5	<0.1	<0.05	2	<0.5
624390	0.40	0.064	0.08	0.4	<0.1	<0.05	1	<0.5
624391	0.38	0.066	0.09	0.5	<0.1	<0.05	1	<0.5
624392	0.38	0.064	0.09	0.4	<0.1	<0.05	1	<0.5
624393	0.32	0.061	0.09	0.3	<0.1	<0.05	1	<0.5
624394	0.30	0.058	0.09	0.3	<0.1	<0.05	1	<0.5
624395	0.37	0.056	0.08	0.3	<0.1	<0.05	1	<0.5
624396	0.39	0.058	0.09	0.3	<0.1	<0.05	1	<0.5

APPENDIX II - DRILL CORE ANALYSES

Sample ID	Lab Report	Drill Hole	Interval from m	Interval to m	length m	Sample wt kg	3B Au PPB 2	1DX Au PPB 0.5	1DX Cu PPM 0.1	1DX Ag PPM 0.1	1DX As PPM 0.5	1DX Sb PPM 0.1	1DX Pb PPM 0.1	1DX Zn PPM 1	1DX Bi PPM 0.1	1DX Cd PPM 0.1	1DX Mo PPM 0.1
624397	a800298	DDH 784-07-02	120.5	123.0	2.5	9.4	<2	1.6	88.4	<0.1	0.8	0.1	1.6	26	<0.1	<0.1	0.3
624398	a800298	DDH 784-07-02	123.0	125.5	2.5	7.2	<2	<0.5	60.5	<0.1	0.5	0.1	4.4	21	<0.1	<0.1	0.2
624399	a800298	DDH 784-07-02	125.5	128.0	2.5	7.6	<2	0.7	33.0	<0.1	0.6	0.1	2.5	18	<0.1	<0.1	0.2
624401	a800298	DDH 784-07-02	128.0	131.0	3.0	7.1	2	0.7	45.2	<0.1	0.7	0.1	1.9	17	<0.1	<0.1	0.3
624402	a800298	DDH 784-07-02	131.0	134.0	3.0	9.6	<2	<0.5	84.0	<0.1	0.5	0.1	4.2	23	<0.1	<0.1	0.3
624403	a800298	DDH 784-07-02	134.0	137.0	3.0	7.2	92	<0.5	68.0	<0.1	0.6	0.1	2.9	24	<0.1	<0.1	0.2
624404	a800298	DDH 784-07-02	137.0	139.0	2.0	6.0	<2	0.5	43.1	<0.1	0.5	0.1	2.7	23	<0.1	<0.1	0.3
624405	a800298	DDH 784-07-02	139.0	141.0	2.0	6.3	<2	0.7	42.7	<0.1	<0.5	0.1	2.3	20	<0.1	<0.1	0.2
624406	a800298	DDH 784-07-02	141.0	143.9	2.9	7.2	5	<0.5	53.5	<0.1	0.7	0.1	4.1	20	<0.1	<0.1	0.3
624407	a800298	DDH 784-08-03	2.7	4.7	2.0	4.5	<2	0.8	529.7	0.4	2.1	2.7	11.4	25	<0.1	0.2	23.3
624408	a800298	DDH 784-08-03	4.7	9.3	4.6	4.5	5	1.5	255.0	0.3	3.7	2.5	8.1	22	<0.1	0.2	15.6
624409	a800298	DDH 784-08-03	9.3	13.0	3.7	2.5	<2	1.0	774.5	3.4	51.5	55.1	34.3	66	<0.1	1.1	20.3
624410	a800298	DDH 784-08-03	13.0	14.7	1.7	3.0	<2	0.8	421.1	0.3	28.4	37.8	11.8	54	<0.1	0.8	28.9
624411	a800298	DDH 784-08-03	14.7	17.7	3.0	6.0	4	1.0	425.0	0.3	29.1	35.2	11.2	63	<0.1	0.7	13.3
624412	a800298	DDH 784-08-03	17.7	20.1	2.4	5.5	2	<0.5	193.6	0.2	3.7	3.8	4.0	26	<0.1	0.2	4.5
624413	a800298	DDH 784-08-03	20.1	24.0	3.9	6.8	<2	0.8	521.7	0.3	35.3	51.9	28.2	68	<0.1	0.7	5.9
624414	a800298	DDH 784-08-03	24.0	28.0	4.0	5.0	<2	0.8	477.3	0.3	12.4	10.4	7.8	33	<0.1	0.3	7.1
624415	a800298	DDH 784-08-03	28.0	32.0	4.0	3.8	<2	1.0	945.0	0.5	7.4	13.5	10.9	32	0.1	0.3	8.6
624416	a800298	DDH 784-08-03	32.0	36.6	4.6	4.0	2	0.9	597.2	0.4	31.9	48.0	10.2	64	<0.1	0.8	31.7
624417	a800298	DDH 784-08-03	36.6	40.0	3.4	4.9	5	2.0	73.2	<0.1	1.2	0.8	3.1	72	<0.1	0.2	14.6
624418	a800298	DDH 784-08-03	40.0	43.0	3.0	4.8	3	<0.5	13.6	<0.1	0.9	0.1	2.2	31	<0.1	0.1	3.6
624419	a800298	DDH 784-08-04	43.0	45.3	2.3	4.5	3	1.6	43.2	<0.1	1.0	0.3	9.0	104	<0.1	0.7	2.1
624420	a800298	DDH 784-08-04	45.3	47.3	2.0	6.2	<2	2.1	477.7	0.4	1.4	0.6	5.7	76	<0.1	0.5	4.2
624421	a800298	DDH 784-08-04	47.3	50.0	2.7	6.6	3	1.6	915.2	0.5	9.1	1.1	6.3	52	0.1	0.3	9.9
624422	a800298	DDH 784-08-04	50.0	52.7	2.7	6.0	3	1.0	945.0	0.5	22.8	16.3	6.6	37	<0.1	0.3	1.9
624423	a800298	DDH 784-08-04	52.7	55.0	2.3	5.7	3	1.9	536.9	0.3	0.8	0.3	1.9	21	<0.1	0.1	1.3
624424	a800298	DDH 784-08-04	55.0	57.5	2.5	6.7	5	4.5	1118.7	0.7	30.8	11.3	4.6	21	0.1	0.1	1.1
624426	a800298	DDH 784-08-04	57.5	60.0	2.5	9.1	5	1.4	684.3	0.7	8.8	7.5	4.1	21	<0.1	0.2	4.6
624427	a800298	DDH 784-08-04	60.0	62.5	2.5	7.4	<2	1.1	75.4	<0.1	0.9	0.3	4.3	90	<0.1	0.4	5.5
624428	a800298	DDH 784-08-04	62.5	65.0	2.5	6.8	3	1.1	55.9	<0.1	1.2	1.1	6.6	101	<0.1	0.5	25.4
624429	a800298	DDH 784-08-04	65.0	67.5	2.5	6.9	<2	<0.5	19.4	<0.1	0.9	0.2	7.0	138	<0.1	0.6	17.5
624430	a800298	DDH 784-08-04	67.5	70.0	2.5	6.7	5	3.2	899.2	0.6	<0.5	0.2	5.2	80	<0.1	0.6	5.8
624431	a800298	DDH 784-08-04	70.0	72.5	2.5	5.7	2	<0.5	369.7	0.2	<0.5	0.1	4.0	46	<0.1	0.3	0.7
624432	a800298	DDH 784-08-04	72.5	75.0	2.5	6.6	4	18.7	2426.6	1.2	<0.5	0.2	5.7	146	<0.1	1.3	0.7

APPENDIX II - DRILL CORE ANALYSES

Sample ID	1DX Ni PPM 0.1	1DX Co PPM 0.1	1DX Ba PPM 1	1DX W PPM 0.1	1DX Hg PPM 0.01	1DX Mn PPM 1	1DX Fe % 0.01	1DX U PPM 0.1	1DX Th PPM 0.1	1DX Sr PPM 1	1DX V PPM 2	1DX Ca % 0.01	1DX P % 0.001	1DX La PPM 1	1DX Cr PPM 1	1DX Mg % 0.01	1DX Ti % 0.001	1DX B PPM 20
624397	0.2	1.7	56	0.1	<0.01	406	1.05	0.7	1.4	282	67	0.95	0.018	11	3	0.10	0.029	<20
624398	0.1	1.6	74	0.1	<0.01	351	0.77	0.6	1.4	294	37	1.23	0.014	10	1	0.07	0.007	<20
624399	0.2	1.2	107	0.1	<0.01	263	0.69	0.5	1.2	490	35	1.21	0.013	9	1	0.09	0.002	<20
624401	0.1	1.2	58	0.1	<0.01	260	0.71	0.5	1.0	286	40	0.91	0.012	8	2	0.06	0.009	<20
624402	0.4	1.7	56	0.1	<0.01	419	0.88	0.8	1.6	369	44	1.52	0.013	14	1	0.11	0.008	<20
624403	0.1	1.7	39	<0.1	<0.01	341	0.94	0.5	1.3	346	51	1.28	0.014	10	2	0.09	0.008	<20
624404	0.2	1.5	49	0.1	<0.01	315	0.89	0.6	1.2	266	48	1.00	0.015	11	3	0.08	0.017	<20
624405	0.4	1.4	187	0.1	<0.01	265	0.75	0.7	1.2	445	39	0.89	0.013	8	2	0.07	0.016	<20
624406	0.2	1.5	138	0.1	<0.01	231	0.73	0.3	1.0	368	32	0.95	0.014	11	3	0.05	0.005	<20
624407	0.4	0.5	46	0.3	<0.01	221	0.49	2.4	2.2	56	9	0.65	0.005	13	2	0.03	0.001	<20
624408	0.2	0.5	40	0.9	<0.01	287	0.50	1.8	3.0	62	12	0.75	0.005	15	2	0.03	0.001	<20
624409	1.7	0.6	27	13.0	0.03	274	0.53	1.1	1.5	37	11	0.49	0.004	13	3	0.02	0.001	<20
624410	0.2	0.5	23	0.8	0.01	314	0.42	0.9	1.4	37	9	0.57	0.004	15	2	0.02	<0.001	<20
624411	0.4	0.5	56	0.1	0.02	213	0.42	0.9	1.4	32	11	0.44	0.004	13	2	0.02	0.001	<20
624412	0.1	0.4	88	0.1	<0.01	335	0.40	0.6	1.7	24	16	0.43	0.004	15	2	0.02	0.002	<20
624413	0.1	0.6	100	0.1	0.03	358	0.51	0.7	1.9	26	13	0.43	0.004	11	1	0.05	0.001	<20
624414	0.2	0.4	95	<0.1	0.01	284	0.36	0.5	0.9	37	11	0.50	0.003	8	2	0.03	0.001	<20
624415	0.5	0.4	292	0.1	<0.01	357	0.40	0.8	1.5	46	10	0.69	0.004	12	2	0.02	0.001	<20
624416	<0.1	0.9	44	0.1	0.02	356	0.57	1.0	1.7	85	12	1.00	0.005	12	1	0.05	<0.001	<20
624417	1.2	2.7	74	0.2	<0.01	869	1.09	0.7	1.1	194	23	2.07	0.039	6	3	0.10	0.001	<20
624418	1.1	1.9	124	0.2	<0.01	805	1.09	0.7	1.0	229	22	2.39	0.045	5	3	0.11	0.001	<20
624419	1.9	3.2	64	0.3	0.01	870	1.52	3.8	1.1	95	51	1.74	0.051	7	3	0.30	0.030	<20
624420	1.2	2.1	40	0.1	0.01	939	1.21	1.9	1.6	97	28	1.50	0.028	9	3	0.25	0.004	<20
624421	0.9	1.9	1174	0.3	0.02	630	1.08	1.8	1.7	61	20	1.02	0.027	8	1	0.14	0.002	<20
624422	0.9	0.7	456	0.1	0.06	296	0.57	0.7	1.5	20	4	0.17	0.005	11	1	0.05	0.001	<20
624423	0.3	0.5	73	<0.1	<0.01	285	0.33	0.7	1.5	34	3	0.60	0.003	7	<1	0.04	<0.001	<20
624424	0.4	0.7	34	0.1	0.03	364	0.45	0.4	0.6	43	7	0.76	0.004	8	<1	0.04	0.001	<20
624426	0.7	0.8	17	0.1	0.01	499	0.55	0.3	1.2	38	6	0.88	0.006	13	2	0.07	0.001	<20
624427	1.9	3.2	58	0.2	0.01	1364	1.67	0.6	1.0	92	62	2.45	0.046	7	4	0.43	0.018	<20
624428	2.4	3.6	50	0.1	<0.01	1434	1.99	1.1	1.1	130	53	2.57	0.053	7	4	0.42	0.015	<20
624429	2.2	3.9	39	0.1	<0.01	1213	2.03	0.9	0.9	115	39	2.56	0.051	7	3	0.51	0.002	<20
624430	0.8	2.2	60	0.1	<0.01	430	1.10	0.9	1.1	68	25	0.92	0.025	12	2	0.11	0.003	<20
624431	0.2	1.3	48	0.1	<0.01	268	0.73	0.9	1.6	53	14	0.64	0.012	11	<1	0.05	0.001	<20
624432	0.6	4.1	39	<0.1	0.03	342	1.07	0.6	1.2	55	32	0.73	0.016	12	2	0.08	0.005	<20

APPENDIX II - DRILL CORE ANALYSES

Sample ID	1DX Al %	1DX Na %	1DX K %	1DX Sc PPM	1DX Tl PPM	1DX S %	1DX Ga PPM	1DX Se PPM
	0.01	0.001	0.01	0.1	0.1	0.05	1	0.5
624397	0.49	0.089	0.11	0.6	<0.1	<0.05	2	<0.5
624398	0.37	0.056	0.09	0.4	<0.1	<0.05	1	<0.5
624399	0.52	0.053	0.06	0.4	<0.1	<0.05	1	<0.5
624401	0.35	0.054	0.07	0.4	<0.1	<0.05	1	<0.5
624402	0.55	0.058	0.11	0.5	<0.1	<0.05	2	<0.5
624403	0.52	0.059	0.07	0.5	<0.1	<0.05	2	<0.5
624404	0.38	0.065	0.10	0.4	<0.1	<0.05	1	<0.5
624405	0.36	0.073	0.10	0.4	<0.1	<0.05	1	<0.5
624406	0.34	0.062	0.11	0.5	<0.1	<0.05	1	<0.5
624407	0.26	0.045	0.10	0.3	<0.1	<0.05	1	<0.5
624408	0.26	0.048	0.11	0.3	<0.1	<0.05	1	<0.5
624409	0.22	0.053	0.08	0.3	<0.1	<0.05	1	<0.5
624410	0.20	0.057	0.07	0.3	<0.1	<0.05	1	<0.5
624411	0.21	0.068	0.07	0.2	<0.1	<0.05	1	0.6
624412	0.17	0.065	0.07	0.3	<0.1	<0.05	<1	<0.5
624413	0.19	0.058	0.07	0.2	<0.1	<0.05	1	<0.5
624414	0.21	0.058	0.11	0.1	<0.1	<0.05	<1	<0.5
624415	0.19	0.064	0.09	0.2	<0.1	0.08	1	<0.5
624416	0.25	0.041	0.08	0.2	<0.1	<0.05	1	<0.5
624417	0.42	0.033	0.07	2.6	<0.1	<0.05	1	<0.5
624418	0.48	0.030	0.07	2.4	<0.1	<0.05	1	<0.5
624419	0.37	0.062	0.07	3.3	<0.1	<0.05	2	<0.5
624420	0.26	0.060	0.09	2.2	<0.1	<0.05	1	<0.5
624421	0.31	0.047	0.07	1.7	<0.1	0.09	1	0.6
624422	0.23	0.060	0.07	0.2	<0.1	0.11	1	<0.5
624423	0.20	0.060	0.13	0.4	<0.1	<0.05	1	<0.5
624424	0.23	0.050	0.15	0.1	<0.1	0.10	1	0.5
624426	0.16	0.080	0.06	0.3	<0.1	<0.05	<1	0.5
624427	0.26	0.071	0.06	3.8	<0.1	<0.05	2	<0.5
624428	0.30	0.072	0.05	4.7	<0.1	<0.05	1	<0.5
624429	0.27	0.068	0.05	4.8	<0.1	<0.05	1	<0.5
624430	0.33	0.067	0.10	1.0	<0.1	0.11	1	0.7
624431	0.27	0.049	0.12	0.3	<0.1	<0.05	1	<0.5
624432	0.28	0.051	0.11	0.3	<0.1	0.25	1	1.3

APPENDIX II - DRILL CORE ANALYSES

Sample ID	Lab Report	Drill Hole	Interval from m	Interval to m	length m	Sample wt kg	3B Au PPB 2	1DX Au PPB 0.5	1DX Cu PPM 0.1	1DX Ag PPM 0.1	1DX As PPM 0.5	1DX Sb PPM 0.1	1DX Pb PPM 0.1	1DX Zn PPM 1	1DX Bi PPM 0.1	1DX Cd PPM 0.1	1DX Mo PPM 0.1
624433	a800298	DDH 784-08-04	75.0	77.5	2.5	4.2	<2	2.6	416.7	0.2	0.9	0.2	4.7	50	<0.1	0.3	0.4
624434	a800298	DDH 784-08-04	77.5	80.8	3.3	8.5	6	5.5	481.1	0.4	<0.5	0.1	5.6	30	0.3	0.2	2.3
624435	a800298	DDH 784-08-04	80.8	84.0	3.2	6.1	<2	1.5	303.7	0.4	1.2	0.5	5.4	35	0.1	0.1	0.6
624436	a800298	DDH 784-08-04	84.0	87.0	3.0	8.5	<2	<0.5	505.6	0.5	0.5	0.2	7.3	52	<0.1	0.4	0.5
624437	a800298	DDH 784-08-04	87.0	90.0	3.0	8.0	<2	0.8	450.7	0.3	0.8	0.2	14.3	57	<0.1	0.4	0.8
624438	a800298	DDH 784-08-04	90.0	92.5	2.5	7.5	<2	<0.5	474.6	0.3	0.7	0.2	5.6	39	<0.1	0.2	0.6
624439	a800298	DDH 784-08-04	92.5	95.0	2.5	6.6	3	1.5	620.4	0.4	0.7	0.2	11.6	46	<0.1	0.2	1.5
624441	a800298	DDH 784-08-04	95.0	97.5	2.5	8.0	<2	<0.5	399.1	0.3	0.6	0.2	6.3	31	<0.1	0.1	0.8
624442	a800298	DDH 784-08-04	97.5	100.0	2.5	6.7	<2	0.8	883.5	0.5	1.0	0.2	7.2	73	<0.1	0.6	0.7
624443	a800298	DDH 784-08-04	100.0	102.5	2.5	8.7	3	1.2	232.6	0.2	0.5	0.2	8.0	35	<0.1	0.2	1.4
624444	a800298	DDH 784-08-04	102.5	105.0	2.5	6.0	4	1.1	418.1	0.3	0.5	0.2	6.1	36	<0.1	0.2	1.5
624445	a800298	DDH 784-08-04	105.0	107.5	2.5	6.1	<2	1.0	1902.7	0.4	0.9	0.2	10.4	123	<0.1	1.2	1.5
624446	a800298	DDH 784-08-04	107.5	110.0	2.5	8.3	<2	<0.5	257.8	0.2	0.8	0.3	11.3	53	<0.1	0.2	1.2
624447	a800298	DDH 784-08-04	110.0	112.5	2.5	6.8	5	1.2	360.3	0.3	1.1	0.4	4.9	47	0.1	0.1	0.6
624448	a800298	DDH 784-08-04	112.5	115.0	2.5	6.5	2	1.8	374.6	0.4	1.1	0.2	7.6	50	0.1	0.2	1.0
624449	a800298	DDH 784-08-04	115.0	117.5	2.5	6.1	3	<0.5	246.6	0.2	0.9	0.2	5.0	41	<0.1	0.1	0.7
624450	a800298	DDH 784-08-04	117.5	120.3	2.8	7.5	<2	<0.5	325.1	0.3	<0.5	0.1	5.9	31	<0.1	0.2	0.7
624451	a800298	DDH 784-08-04	120.3	122.3	2.0	5.9	3	1.6	216.7	0.1	0.9	0.1	3.2	28	<0.1	0.1	0.8
624452	a800298	DDH 784-08-04	122.3	124.9	2.6	4.9	5	4.2	354.5	0.8	0.6	0.1	3.1	43	<0.1	0.4	8.6
624453	a800298	DDH 784-08-04	124.9	127.5	2.6	8.1	4	1.9	533.8	0.4	1.0	0.1	4.4	37	<0.1	0.2	10.0
624454	a800298	DDH 784-08-04	127.5	130.0	2.5	7.1	<2	1.0	199.0	0.3	1.4	0.1	4.5	101	<0.1	0.8	3.7
624455	a800298	DDH 784-08-04	130.0	132.5	2.5	7.9	3	1.3	416.7	0.4	0.8	0.2	2.9	31	<0.1	0.2	2.5
624456	a800298	DDH 784-08-04	132.5	135.0	2.5	7.8	<2	1.7	187.7	0.2	0.6	0.1	3.7	56	<0.1	0.3	7.9
624457	a800298	DDH 784-08-04	135.0	137.5	2.5	8.2	2	3.0	64.5	<0.1	0.9	0.1	4.1	44	<0.1	0.2	9.2
624458	a800298	DDH 784-08-04	137.5	140.0	2.5	7.1	<2	<0.5	190.4	0.1	<0.5	0.1	2.7	22	<0.1	0.1	0.8
624459	a800298	DDH 784-08-04	140.0	142.5	2.5	8.1	<2	0.7	228.6	0.1	<0.5	0.2	3.3	21	<0.1	0.1	0.7
624460	a800298	DDH 784-08-04	142.5	145.0	2.5	6.0	3	0.9	305.8	0.1	<0.5	0.1	3.8	19	<0.1	<0.1	1.2
624461	a800298	DDH 784-08-04	145.0	147.5	2.5	8.5	5	2.5	234.2	0.1	<0.5	0.2	3.2	27	<0.1	0.1	1.2
624462	a800298	DDH 784-08-04	147.5	149.5	2.0	6.2	3	0.7	206.1	<0.1	0.6	0.2	3.4	34	<0.1	0.1	0.5
624463	a800298	DDH 784-08-04	149.5	151.4	1.9	6.1	<2	0.5	47.2	<0.1	0.5	0.2	2.4	17	<0.1	0.1	0.2
624464	a800298	DDH 784-08-04	151.4	153.9	2.5	7.4	2	0.9	133.8	<0.1	1.1	0.6	3.8	22	<0.1	0.1	3.0
624465	a800298	DDH 784-08-04	153.9	156.9	3.0	4.6	<2	1.0	417.2	0.3	12.5	5.5	3.5	42	<0.1	0.3	27.7
624466	a800298	DDH 784-08-04	156.9	158.5	1.6	4.3	4	4.2	660.4	0.5	0.8	0.1	6.3	45	<0.1	0.2	103.5
624467	a800298	DDH 784-08-04	158.5	160.5	2.0	5.9	7	2.6	699.8	0.5	0.5	0.1	6.3	63	<0.1	0.4	90.8
624468	a800298	DDH 784-08-04	160.5	163.0	2.5	7.8	3	12.2	1394.7	0.7	0.5	0.1	6.3	136	<0.1	1.5	6.2
624469	a800298	DDH 784-08-04	163.0	165.0	2.0	6.0	6	1.3	1150.2	0.7	<0.5	0.1	5.8	66	<0.1	0.7	2.3

APPENDIX II - DRILL CORE ANALYSES

Sample ID	1DX Ni PPM 0.1	1DX Co PPM 0.1	1DX Ba PPM 1	1DX W PPM 0.1	1DX Hg PPM 0.01	1DX Mn PPM 1	1DX Fe % 0.01	1DX U PPM 0.1	1DX Th PPM 0.1	1DX Sr PPM 1	1DX V PPM 2	1DX Ca % 0.01	1DX P % 0.001	1DX La PPM 1	1DX Cr PPM 1	1DX Mg % 0.01	1DX Ti % 0.001	1DX B PPM 20
624433	0.2	1.8	52	<0.1	<0.01	348	0.86	1.6	1.7	92	31	0.75	0.017	12	<1	0.10	0.005	<20
624434	1.0	1.3	104	<0.1	<0.01	263	0.72	1.4	2.5	59	20	0.53	0.009	14	1	0.05	0.004	<20
624435	0.5	1.2	133	<0.1	<0.01	253	0.69	1.3	1.7	53	18	0.33	0.013	15	<1	0.04	0.003	<20
624436	0.7	1.8	81	<0.1	0.01	302	0.97	0.9	1.8	80	35	0.57	0.015	14	2	0.09	0.006	<20
624437	0.6	2.2	59	<0.1	0.01	280	0.90	0.5	1.5	137	37	0.56	0.014	14	1	0.10	0.008	<20
624438	1.0	1.9	63	<0.1	<0.01	314	0.85	0.7	1.7	148	32	0.64	0.018	15	2	0.11	0.006	<20
624439	0.2	2.2	58	<0.1	0.01	461	0.93	0.9	1.5	126	43	1.20	0.016	11	<1	0.12	0.010	<20
624441	0.3	1.5	47	<0.1	<0.01	333	0.96	0.7	1.9	113	44	0.66	0.012	15	1	0.10	0.013	<20
624442	0.5	2.4	140	<0.1	0.02	440	1.04	0.8	1.7	132	45	0.95	0.017	15	1	0.11	0.010	<20
624443	0.3	1.7	101	<0.1	<0.01	383	0.83	1.7	2.5	115	41	0.89	0.015	15	1	0.09	0.008	<20
624444	0.5	1.5	58	<0.1	<0.01	423	0.74	0.8	1.5	94	20	0.97	0.015	13	1	0.06	0.003	<20
624445	0.4	2.0	68	<0.1	0.04	446	1.03	1.3	2.1	131	36	0.75	0.015	12	<1	0.11	0.006	<20
624446	1.0	2.4	69	<0.1	0.01	594	1.23	1.2	2.4	192	59	0.93	0.021	13	2	0.16	0.019	<20
624447	0.4	2.4	69	<0.1	<0.01	635	1.15	1.4	2.7	192	56	0.97	0.022	17	1	0.16	0.010	<20
624448	0.5	2.1	62	<0.1	0.01	547	1.03	1.1	2.0	111	42	1.04	0.021	16	2	0.11	0.010	<20
624449	0.4	1.7	51	<0.1	<0.01	456	0.92	0.8	1.9	66	38	1.02	0.017	13	<1	0.10	0.006	<20
624450	0.7	1.4	51	<0.1	0.01	316	0.86	1.2	2.6	74	35	0.74	0.013	13	1	0.08	0.003	<20
624451	0.5	1.3	45	<0.1	<0.01	295	0.64	0.5	1.1	58	25	0.72	0.010	10	<1	0.08	0.002	<20
624452	0.9	1.2	58	0.1	0.02	425	0.67	0.5	1.5	68	23	0.79	0.014	13	1	0.05	0.002	<20
624453	0.9	2.5	49	0.1	<0.01	466	1.16	0.5	1.3	68	29	0.94	0.021	11	2	0.11	0.005	<20
624454	1.7	2.9	59	0.1	0.02	519	1.40	0.6	1.4	76	39	0.79	0.033	9	4	0.17	0.014	<20
624455	0.2	1.6	49	0.1	0.01	584	0.92	0.5	1.4	49	22	0.75	0.013	12	<1	0.11	0.003	<20
624456	0.9	2.4	99	0.2	0.01	694	1.14	0.6	1.4	81	28	0.90	0.023	11	2	0.10	0.005	<20
624457	1.1	2.3	64	0.2	0.01	413	1.15	0.8	1.3	51	36	0.88	0.026	9	3	0.16	0.020	<20
624458	0.5	1.7	52	<0.1	<0.01	372	0.96	1.0	1.3	39	28	0.49	0.012	13	1	0.10	0.005	<20
624459	0.4	1.8	49	0.1	<0.01	375	0.87	0.8	1.6	52	34	0.64	0.014	15	1	0.07	0.004	<20
624460	0.3	1.4	50	0.1	<0.01	303	0.71	0.6	1.5	63	27	0.68	0.011	12	1	0.04	0.003	<20
624461	0.3	1.4	55	0.1	<0.01	410	0.82	0.7	1.6	72	23	0.68	0.018	12	1	0.03	0.002	<20
624462	1.5	2.4	51	0.1	<0.01	509	1.08	0.6	1.7	66	23	1.09	0.025	11	2	0.18	0.002	<20
624463	0.4	1.2	41	0.1	<0.01	324	0.59	0.4	1.3	43	17	0.76	0.009	12	<1	0.06	0.002	<20
624464	0.4	1.4	49	0.1	<0.01	555	0.71	0.8	1.8	69	18	1.30	0.014	14	<1	0.07	0.003	<20
624465	0.8	1.5	56	0.2	0.01	665	0.72	0.7	2.3	66	10	0.93	0.015	16	2	0.07	0.001	<20
624466	0.5	2.1	67	0.1	0.01	626	0.91	0.9	1.6	59	17	0.95	0.018	15	1	0.09	0.001	<20
624467	0.2	1.9	44	0.2	0.02	548	0.78	0.9	1.4	49	23	0.93	0.011	15	1	0.06	0.002	<20
624468	1.0	2.8	54	0.2	0.03	544	0.94	1.1	1.5	60	29	0.74	0.016	13	1	0.06	0.003	<20
624469	0.3	2.8	51	<0.1	0.01	521	0.95	1.0	1.8	76	40	0.72	0.016	14	1	0.08	0.007	<20

APPENDIX II - DRILL CORE ANALYSES

Sample ID	1DX Al %	1DX Na %	1DX K %	1DX Sc PPM	1DX Tl PPM	1DX S %	1DX Ga PPM	1DX Se PPM
	0.01	0.001	0.01	0.1	0.1	0.05	1	0.5
624433	0.34	0.056	0.12	0.3	<0.1	<0.05	2	0.5
624434	0.29	0.052	0.13	0.2	<0.1	<0.05	1	0.5
624435	0.28	0.039	0.11	0.2	<0.1	<0.05	1	<0.5
624436	0.33	0.062	0.13	0.2	<0.1	0.07	2	<0.5
624437	0.35	0.056	0.11	0.2	<0.1	0.09	2	<0.5
624438	0.36	0.051	0.11	0.3	<0.1	0.07	2	<0.5
624439	0.43	0.047	0.13	0.4	<0.1	0.09	2	<0.5
624441	0.32	0.047	0.09	0.3	<0.1	<0.05	2	<0.5
624442	0.36	0.049	0.10	0.4	<0.1	0.12	2	0.5
624443	0.34	0.050	0.13	0.4	<0.1	<0.05	1	<0.5
624444	0.28	0.052	0.13	0.3	<0.1	0.07	1	<0.5
624445	0.41	0.050	0.13	0.3	<0.1	0.22	2	1.3
624446	0.45	0.063	0.10	0.7	<0.1	<0.05	2	0.5
624447	0.41	0.055	0.09	0.5	<0.1	<0.05	2	<0.5
624448	0.36	0.062	0.13	0.4	<0.1	<0.05	2	<0.5
624449	0.35	0.051	0.13	0.3	<0.1	<0.05	2	<0.5
624450	0.30	0.052	0.12	0.2	<0.1	0.06	2	<0.5
624451	0.26	0.041	0.10	0.3	<0.1	<0.05	1	<0.5
624452	0.29	0.072	0.13	0.3	<0.1	<0.05	1	<0.5
624453	0.27	0.061	0.09	1.0	<0.1	<0.05	1	<0.5
624454	0.32	0.095	0.08	2.2	<0.1	<0.05	1	<0.5
624455	0.21	0.064	0.10	0.4	<0.1	<0.05	1	<0.5
624456	0.27	0.070	0.09	1.2	<0.1	<0.05	1	<0.5
624457	0.31	0.086	0.11	1.4	<0.1	<0.05	1	<0.5
624458	0.24	0.063	0.11	0.3	<0.1	<0.05	1	<0.5
624459	0.28	0.064	0.13	0.3	<0.1	<0.05	1	<0.5
624460	0.26	0.051	0.12	0.2	<0.1	<0.05	1	0.6
624461	0.27	0.061	0.09	0.7	<0.1	<0.05	1	<0.5
624462	0.25	0.077	0.09	1.9	<0.1	<0.05	1	<0.5
624463	0.22	0.060	0.15	0.3	<0.1	<0.05	1	<0.5
624464	0.23	0.059	0.14	0.4	<0.1	<0.05	1	<0.5
624465	0.25	0.060	0.12	0.3	<0.1	<0.05	1	<0.5
624466	0.27	0.057	0.14	0.4	<0.1	<0.05	1	0.5
624467	0.24	0.062	0.14	0.3	<0.1	0.07	1	<0.5
624468	0.27	0.053	0.13	0.3	<0.1	0.17	1	0.8
624469	0.30	0.058	0.13	0.4	<0.1	0.15	1	0.6

APPENDIX II - DRILL CORE ANALYSES

Sample ID	Lab Report	Drill Hole	Interval from m	Interval to m	length m	Sample wt kg	3B Au PPB 2	1DX Au PPB 0.5	1DX Cu PPM 0.1	1DX Ag PPM 0.1	1DX As PPM 0.5	1DX Sb PPM 0.1	1DX Pb PPM 0.1	1DX Zn PPM 1	1DX Bi PPM 0.1	1DX Cd PPM 0.1	1DX Mo PPM 0.1
624470	a800298	DDH 784-08-04	165.0	167.5	2.5	6.9	4	3.2	799.7	0.4	<0.5	0.1	7.0	42	<0.1	0.4	1.3
624471	a800298	DDH 784-08-04	167.5	170.0	2.5	7.2	5	3.5	961.8	0.5	<0.5	0.1	7.9	120	<0.1	1.3	1.4
624472	a800298	DDH 784-08-04	170.0	172.5	2.5	7.9	5	3.5	1556.5	0.9	<0.5	0.1	7.3	99	<0.1	1.1	2.4
624473	a800298	DDH 784-08-04	172.5	175.0	2.5	6.9	6	1.5	745.1	0.5	<0.5	0.1	6.8	85	<0.1	0.7	5.3
624474	a800298	DDH 784-08-04	175.0	177.5	2.5	7.2	6	2.0	822.1	0.4	0.6	0.1	6.2	78	<0.1	1.0	1.8
624476	a800298	DDH 784-08-04	177.5	179.5	2.0	5.0	7	1.2	797.2	0.4	<0.5	0.1	4.8	120	<0.1	1.1	3.5
624477	a800298	DDH 784-08-04	179.5	181.5	2.0	6.0	2	1.4	475.7	0.3	<0.5	0.1	6.0	39	<0.1	0.3	1.0
624478	a800298	DDH 784-08-04	181.5	184.0	2.5	5.7	8	1.4	627.5	0.3	<0.5	0.1	5.2	50	<0.1	0.5	1.6
624479	a800298	DDH 784-08-04	184.0	186.0	2.0	6.0	<2	1.5	432.3	0.2	<0.5	0.1	4.7	72	<0.1	0.7	2.9
624480	a800298	DDH 784-08-04	186.0	188.0	2.0	5.5	7	0.7	403.0	0.2	0.9	0.1	4.2	63	<0.1	0.6	1.7
624481	a800298	DDH 784-08-04	188.0	190.8	2.8	6.7	3	0.7	323.8	0.1	0.6	0.1	4.0	34	<0.1	0.3	1.9
624482	a800298	DDH 784-08-04	190.8	193.0	2.2	7.4	4	0.5	386.1	0.2	<0.5	0.1	4.5	32	<0.1	0.4	1.4
624483	a800298	DDH 784-08-04	193.0	195.0	2.0	5.7	5	1.8	396.8	0.2	<0.5	0.1	6.9	52	<0.1	0.6	1.1
624484	a800298	DDH 784-08-04	195.0	197.5	2.5	8.3	2	1.1	161.1	<0.1	<0.5	0.1	4.0	75	<0.1	0.8	0.5
624485	a800298	DDH 784-08-04	197.5	200.0	2.5	7.7	7	1.7	542.9	0.4	0.6	0.1	5.5	39	<0.1	0.3	3.2
624486	a800298	DDH 784-08-04	200.0	202.5	2.5	7.8	7	5.4	1191.7	0.9	0.8	0.1	15.4	166	<0.1	1.9	1.6
624487	a800298	DDH 784-08-04	202.5	205.0	2.5	7.5	2	1.0	330.2	0.2	<0.5	0.1	4.5	33	<0.1	0.4	0.6
624488	a800298	DDH 784-08-04	205.0	207.5	2.5	5.2	4	1.4	543.8	0.3	<0.5	0.1	6.0	56	<0.1	0.7	2.2
624489	a800298	DDH 784-08-04	207.5	210.0	2.5	7.1	3	0.8	298.2	0.2	<0.5	0.1	5.9	40	<0.1	0.4	1.1
624490	a800298	DDH 784-08-04	210.0	212.0	2.0	6.7	2	0.9	663.8	0.4	0.6	0.1	6.5	64	<0.1	0.6	0.9
624491	a800298	DDH 784-08-04	212.0	214.0	2.0	6.7	5	2.3	1526.1	1.0	0.7	0.1	7.3	86	<0.1	0.9	1.5
624492	a800298	DDH 784-08-04	214.0	216.0	2.0	6.4	4	0.9	727.5	0.4	0.5	0.1	5.2	37	<0.1	0.3	1.0
624493	a800298	DDH 784-08-04	216.0	218.0	2.0	5.7	7	2.5	1298.1	0.7	<0.5	<0.1	6.6	69	<0.1	0.9	0.9
624494	a800298	DDH 784-08-04	218.0	220.0	2.0	6.3	2	1.9	376.2	0.4	<0.5	0.1	4.0	23	<0.1	0.2	1.3
624495	a800298	DDH 784-08-04	220.0	222.5	2.5	6.8	6	2.5	2171.5	1.2	0.5	0.1	6.7	142	<0.1	1.5	7.6
624496	a800298	DDH 784-08-04	222.5	224.4	1.9	6.1	3	2.0	1035.5	0.5	0.5	0.1	7.3	48	<0.1	0.5	4.6
624497	a800298	DDH 784-08-04	224.4	227.0	2.6	5.0	4	1.9	174.4	0.1	0.5	0.1	5.8	21	<0.1	0.1	0.8
624498	a800298	DDH 784-08-04	227.0	230.0	3.0	7.2	<2	0.9	261.3	0.2	1.0	0.1	6.7	26	<0.1	0.2	0.8
624499	a800298	DDH 784-08-04	230.0	232.6	2.6	7.5	4	0.7	212.9	0.2	1.2	0.1	6.9	29	<0.1	0.1	0.6
625751	a800298	DDH 784-08-04	232.6	234.7	2.1	5.3	<2	2.2	265.8	0.3	0.7	0.1	5.6	31	<0.1	0.2	0.4
625752	a800298	DDH 784-08-04	234.7	238.0	3.3	2.3	3	0.8	210.3	0.2	1.0	0.1	6.0	49	<0.1	0.2	0.4
625753	a800298	DDH 784-08-04	238.0	241.7	3.7	2.8	<2	0.8	130.0	0.8	<0.5	0.1	6.5	44	<0.1	0.1	0.5
625754	a800298	DDH 784-08-05	7.2	10.0	2.8	7.6	4	3.2	278.3	0.2	2.3	0.1	5.8	65	<0.1	0.1	0.7
625755	a800298	DDH 784-08-05	10.0	12.5	2.5	8.1	7	3.6	245.6	0.2	1.6	0.1	4.4	51	<0.1	0.1	0.8
625756	a800298	DDH 784-08-05	12.5	15.0	2.5	7.1	8	5.2	320.8	0.2	1.6	0.1	5.1	56	<0.1	0.1	0.5

APPENDIX II - DRILL CORE ANALYSES

Sample ID	1DX Ni PPM 0.1	1DX Co PPM 0.1	1DX Ba PPM 1	1DX W PPM 0.1	1DX Hg PPM 0.01	1DX Mn PPM 1	1DX Fe % 0.01	1DX U PPM 0.1	1DX Th PPM 0.1	1DX Sr PPM 1	1DX V PPM 2	1DX Ca % 0.01	1DX P % 0.001	1DX La PPM 1	1DX Cr PPM 1	1DX Mg % 0.01	1DX Ti % 0.001	1DX B PPM 20
624470	0.7	2.4	47	<0.1	0.01	339	0.71	1.0	1.5	84	29	0.59	0.007	12	3	0.06	0.005	<20
624471	0.3	3.3	54	<0.1	0.02	526	0.89	0.9	1.5	121	44	0.71	0.016	12	1	0.10	0.007	<20
624472	1.1	3.4	84	<0.1	0.02	416	0.97	1.2	1.7	94	44	0.54	0.014	12	2	0.09	0.006	<20
624473	0.3	2.5	57	<0.1	0.02	540	0.76	1.0	1.7	110	30	0.67	0.013	13	1	0.09	0.003	<20
624474	0.4	2.4	49	<0.1	0.01	483	0.72	0.8	1.4	78	28	0.76	0.014	13	2	0.05	0.003	<20
624476	0.5	2.8	49	0.1	0.01	535	0.69	0.6	1.2	68	28	0.93	0.015	11	1	0.05	0.003	<20
624477	0.4	1.9	42	<0.1	<0.01	368	0.65	0.9	1.9	58	30	0.55	0.009	15	2	0.06	0.003	<20
624478	0.2	1.9	67	<0.1	0.01	534	0.76	1.0	1.4	116	30	0.98	0.015	13	<1	0.08	0.002	<20
624479	0.4	1.7	61	<0.1	0.01	519	0.73	1.3	2.1	94	31	0.87	0.013	11	1	0.09	0.002	<20
624480	0.2	1.5	65	0.1	<0.01	510	0.68	0.9	1.6	110	33	0.87	0.012	12	<1	0.08	0.002	<20
624481	0.3	1.0	49	0.2	0.01	494	0.55	0.8	1.7	85	27	1.06	0.010	12	2	0.03	0.003	<20
624482	0.3	0.8	36	0.1	0.01	283	0.38	0.5	1.1	52	15	0.59	0.005	12	1	0.01	0.002	<20
624483	0.8	1.4	37	0.1	0.02	328	0.51	0.6	0.8	49	21	0.64	0.006	9	2	0.02	0.002	<20
624484	0.6	0.9	41	<0.1	0.03	386	0.52	1.0	1.3	66	21	0.70	0.006	11	2	0.03	0.003	<20
624485	0.2	1.6	63	<0.1	0.01	452	0.77	1.1	1.6	78	36	0.82	0.012	11	<1	0.07	0.007	<20
624486	0.7	2.7	72	<0.1	0.05	414	0.84	1.1	1.4	138	32	0.53	0.011	10	2	0.08	0.005	<20
624487	0.4	0.8	37	<0.1	0.01	293	0.37	0.5	0.7	56	13	0.69	0.004	9	1	0.02	0.002	<20
624488	0.4	1.5	49	<0.1	0.01	438	0.55	0.8	1.3	75	28	0.81	0.007	11	2	0.04	0.003	<20
624489	0.6	1.4	590	<0.1	0.02	428	0.60	0.8	1.2	88	32	0.85	0.011	13	2	0.05	0.005	<20
624490	0.3	2.1	1591	<0.1	0.02	412	0.82	1.0	1.5	123	47	0.67	0.016	10	3	0.10	0.015	<20
624491	0.5	3.3	1492	<0.1	0.02	406	0.83	0.9	1.4	126	42	0.75	0.012	11	4	0.08	0.013	<20
624492	0.1	1.7	607	<0.1	0.01	388	0.66	0.8	1.3	83	27	0.92	0.014	11	2	0.05	0.008	<20
624493	0.5	2.8	101	<0.1	0.03	357	0.83	0.7	1.7	87	33	0.68	0.011	9	2	0.08	0.010	<20
624494	0.4	1.5	60	<0.1	0.01	408	0.58	0.7	1.3	81	20	0.94	0.014	13	2	0.04	0.004	<20
624495	0.3	4.4	68	<0.1	0.04	634	1.16	1.2	1.7	118	33	1.12	0.021	14	2	0.11	0.006	<20
624496	0.4	2.1	78	<0.1	0.01	386	0.70	0.9	1.2	118	19	0.97	0.014	12	2	0.05	0.002	<20
624497	0.1	0.8	81	<0.1	<0.01	450	0.49	1.1	2.0	150	17	1.36	0.016	13	<1	0.04	0.002	<20
624498	0.6	1.4	134	0.1	<0.01	471	0.60	0.8	0.8	312	21	1.37	0.019	10	2	0.10	0.002	<20
624499	0.5	1.3	84	<0.1	<0.01	506	0.64	0.6	0.8	236	25	1.59	0.019	11	2	0.07	0.004	<20
625751	0.7	1.4	79	0.1	<0.01	482	0.58	0.5	1.0	157	21	1.42	0.023	12	2	0.06	0.005	<20
625752	0.9	2.4	234	<0.1	<0.01	551	0.87	0.5	1.3	244	42	1.20	0.027	12	2	0.12	0.012	<20
625753	0.5	2.6	305	<0.1	<0.01	537	1.06	0.4	0.8	214	46	0.93	0.027	11	1	0.21	0.013	<20
625754	0.9	3.9	61	0.3	0.02	790	1.64	1.8	3.4	414	86	1.08	0.050	12	3	0.25	0.065	<20
625755	0.7	3.1	48	0.2	0.01	693	1.36	2.1	3.5	561	74	0.96	0.041	10	2	0.19	0.054	<20
625756	0.6	3.4	45	0.2	0.02	707	1.46	1.8	3.1	518	80	1.02	0.044	11	2	0.22	0.053	<20

APPENDIX II - DRILL CORE ANALYSES

Sample ID	1DX Al %	1DX Na %	1DX K %	1DX Sc PPM	1DX Tl PPM	1DX S %	1DX Ga PPM	1DX Se PPM
	0.01	0.001	0.01	0.1	0.1	0.05	1	0.5
624470	0.28	0.060	0.12	0.2	<0.1	0.11	1	<0.5
624471	0.35	0.054	0.10	0.4	<0.1	0.11	2	0.8
624472	0.32	0.055	0.10	0.3	<0.1	0.19	2	0.7
624473	0.34	0.055	0.12	0.2	<0.1	0.10	2	0.6
624474	0.29	0.063	0.14	0.3	<0.1	0.12	1	0.7
624476	0.26	0.056	0.13	0.2	<0.1	0.11	1	<0.5
624477	0.26	0.066	0.12	0.2	<0.1	0.08	1	0.6
624478	0.27	0.037	0.09	0.3	<0.1	0.07	1	0.6
624479	0.33	0.049	0.13	0.3	<0.1	0.08	1	0.6
624480	0.29	0.047	0.11	0.2	<0.1	<0.05	1	<0.5
624481	0.20	0.052	0.13	0.2	<0.1	<0.05	1	<0.5
624482	0.20	0.057	0.16	0.2	<0.1	0.08	1	<0.5
624483	0.22	0.062	0.14	0.2	<0.1	0.06	1	<0.5
624484	0.26	0.051	0.17	0.2	<0.1	<0.05	1	<0.5
624485	0.31	0.046	0.14	0.3	<0.1	0.07	1	<0.5
624486	0.41	0.053	0.12	0.3	<0.1	0.17	2	0.9
624487	0.22	0.050	0.15	0.1	<0.1	<0.05	1	<0.5
624488	0.29	0.065	0.18	0.2	<0.1	0.13	1	0.7
624489	0.32	0.086	0.19	0.3	<0.1	0.11	1	0.5
624490	0.34	0.064	0.11	0.4	<0.1	0.16	2	0.6
624491	0.31	0.065	0.14	0.3	<0.1	0.26	1	0.9
624492	0.25	0.061	0.13	0.4	<0.1	0.10	1	0.8
624493	0.33	0.063	0.12	0.3	<0.1	0.16	1	0.9
624494	0.25	0.063	0.16	0.3	<0.1	<0.05	1	<0.5
624495	0.37	0.077	0.16	0.6	<0.1	0.29	2	1.0
624496	0.28	0.074	0.16	0.4	<0.1	0.11	1	0.9
624497	0.29	0.056	0.15	0.3	<0.1	<0.05	1	<0.5
624498	0.40	0.047	0.10	0.4	<0.1	<0.05	1	0.5
624499	0.37	0.043	0.16	0.4	<0.1	<0.05	1	<0.5
625751	0.29	0.049	0.16	0.5	<0.1	<0.05	1	<0.5
625752	0.40	0.052	0.13	0.6	<0.1	<0.05	2	<0.5
625753	0.44	0.044	0.09	0.6	<0.1	<0.05	2	<0.5
625754	2.25	1.407	0.27	1.2	<0.1	<0.05	5	<0.5
625755	2.03	1.321	0.25	1.0	<0.1	<0.05	4	<0.5
625756	2.21	1.397	0.22	1.0	<0.1	<0.05	5	<0.5

APPENDIX II - DRILL CORE ANALYSES

Sample ID	Lab Report	Drill Hole	Interval from m	Interval to m	length m	Sample wt kg	3B Au PPB 2	1DX Au PPB 0.5	1DX Cu PPM 0.1	1DX Ag PPM 0.1	1DX As PPM 0.5	1DX Sb PPM 0.1	1DX Pb PPM 0.1	1DX Zn PPM 1	1DX Bi PPM 0.1	1DX Cd PPM 0.1	1DX Mo PPM 0.1
625757	a800298	DDH 784-08-05	15.0	17.5	2.5	6.0	6	3.6	290.1	0.3	1.7	0.1	4.1	61	0.1	0.2	0.6
625758	a800298	DDH 784-08-05	17.5	20.0	2.5	6.9	10	6.1	311.0	0.3	2.0	0.2	5.2	59	<0.1	0.1	0.8
625759	a800298	DDH 784-08-05	20.0	22.5	2.5	8.9	2	2.4	229.8	0.2	2.1	0.1	3.7	54	<0.1	0.1	1.5
625760	a800298	DDH 784-08-05	22.5	25.0	2.5	8.1	9	4.5	469.9	0.4	1.9	0.3	4.3	55	0.1	0.2	0.8
625761	a800298	DDH 784-08-05	25.0	27.5	2.5	8.1	10	4.9	1415.7	1.0	2.1	0.1	5.4	57	0.2	0.3	1.0
625762	a800298	DDH 784-08-05	27.5	30.0	2.5	8.6	13	6.0	297.0	0.3	2.1	0.1	4.1	54	<0.1	0.2	1.1
625763	a800298	DDH 784-08-05	30.0	32.5	2.5	7.9	21	22.2	578.6	0.5	1.8	0.1	3.4	51	0.1	0.2	0.8
625764	a800298	DDH 784-08-05	32.5	35.0	2.5	8.0	10	5.8	239.5	0.2	1.5	0.1	3.5	47	<0.1	0.1	0.6
625765	a800298	DDH 784-08-05	35.0	37.5	2.5	8.2	10	2.0	423.4	0.3	2.2	0.2	4.1	61	0.1	0.2	1.0
625766	a800298	DDH 784-08-05	37.5	40.0	2.5	8.1	5	10.6	459.6	0.4	1.6	0.2	3.9	72	0.1	0.2	0.8
625767	a800298	DDH 784-08-05	40.0	42.5	2.5	8.1	10	1.8	400.0	0.3	2.1	0.1	4.4	65	0.1	0.2	1.0
625768	a800298	DDH 784-08-05	42.5	45.0	2.5	7.4	8	4.1	417.4	0.3	2.1	0.1	6.1	72	0.1	0.2	0.8
625769	a800298	DDH 784-08-05	45.0	47.5	2.5	7.8	6	5.8	253.8	0.2	2.3	0.1	5.1	61	<0.1	0.1	0.7
625770	a800298	DDH 784-08-05	47.5	50.0	2.5	7.5	14	3.1	532.1	0.4	1.5	0.3	6.8	75	0.1	0.2	0.6
625771	a800299	DDH 784-08-05	50.0	53.0	3.0	8.3	17	11.1	613.8	0.5	2.4	0.3	45.7	54	0.2	0.2	0.4
625772	a800299	DDH 784-08-05	53.0	56.0	3.0	7.4	9	11.2	725.2	0.6	1.7	0.1	25.4	62	0.1	0.2	0.5
625773	a800298	DDH 784-08-05	56.0	59.0	3.0	9.3	11	4.8	442.0	0.3	1.0	0.1	3.0	55	<0.1	0.1	0.5
625774	a800298	DDH 784-08-05	59.0	62.0	3.0	8.1	18	10.0	512.4	0.4	1.2	0.1	3.8	67	0.1	0.2	0.9
625776	a800298	DDH 784-08-05	62.0	65.0	3.0	9.6	6	5.4	353.7	0.3	1.6	0.2	4.6	59	<0.1	0.1	1.5
625777	a800298	DDH 784-08-05	65.0	68.0	3.0	8.4	11	7.9	573.1	0.4	1.0	0.3	5.7	92	0.1	0.1	1.3
625778	a800298	DDH 784-08-05	68.0	71.0	3.0	8.3	28	12.2	633.3	0.6	1.8	0.3	6.9	69	0.1	0.1	0.4
625779	a800298	DDH 784-08-05	71.0	74.0	3.0	9.6	49	23.9	2064.9	1.9	1.3	0.6	13.0	104	0.4	0.9	0.6
625780	a800298	DDH 784-08-05	74.0	77.0	3.0	9.8	43	144.4	2096.5	2.2	1.2	0.3	9.0	92	0.4	0.6	0.6
625781	a800298	DDH 784-08-05	77.0	80.0	3.0	7.9	35	59.7	1466.6	1.1	1.2	0.2	5.2	81	0.1	0.5	0.4
625782	a800298	DDH 784-08-05	80.0	83.0	3.0	9.1	23	8.4	660.6	0.5	1.4	0.5	8.3	71	0.1	0.2	0.5
625783	a800298	DDH 784-08-05	83.0	86.0	3.0	10.5	26	15.5	1456.8	0.9	0.9	0.2	5.9	83	0.2	0.4	0.5
625784	a800298	DDH 784-08-05	86.0	88.5	2.5	7.6	14	17.0	657.3	0.5	0.8	0.4	5.3	71	0.1	0.1	0.4
625785	a800298	DDH 784-08-05	88.5	91.0	2.5	8.5	8	5.0	486.4	0.3	1.0	0.2	5.3	81	0.1	0.2	0.5
625786	a800298	DDH 784-08-05	91.0	93.5	2.5	8.5	6	6.8	355.5	0.3	1.0	0.3	5.9	69	<0.1	0.1	0.3
625787	a800298	DDH 784-08-05	93.5	95.4	1.9	4.6	<2	<0.5	81.0	<0.1	<0.5	0.6	3.4	28	<0.1	<0.1	0.2
625788	a800299	DDH 784-08-05	95.4	98.0	2.6	8.7	7	7.4	560.6	0.3	1.6	0.4	16.0	73	0.1	0.2	0.2
625789	a800299	DDH 784-08-05	98.0	101.0	3.0	9.2	5	7.0	209.3	0.2	1.8	0.2	14.4	55	0.1	0.1	0.2
625790	a800298	DDH 784-08-05	101.0	104.0	3.0	9.5	<2	0.9	187.7	0.1	0.9	0.1	4.4	64	<0.1	0.1	0.3
625791	a800298	DDH 784-08-05	104.0	107.0	3.0	10.4	5	1.4	394.3	0.2	1.1	0.1	5.7	90	<0.1	0.2	0.7
625792	a800298	DDH 784-08-05	107.0	110.0	3.0	8.5	20	25.5	622.9	0.6	1.2	0.2	6.5	87	0.1	0.3	0.5
625793	a800298	DDH 784-08-05	110.0	113.0	3.0	9.0	31	18.8	1193.8	0.9	2.2	0.3	6.3	95	0.1	0.3	0.5

APPENDIX II - DRILL CORE ANALYSES

Sample ID	1DX Ni PPM 0.1	1DX Co PPM 0.1	1DX Ba PPM 1	1DX W PPM 0.1	1DX Hg PPM 0.01	1DX Mn PPM 1	1DX Fe % 0.01	1DX U PPM 0.1	1DX Th PPM 0.1	1DX Sr PPM 1	1DX V PPM 2	1DX Ca % 0.01	1DX P % 0.001	1DX La PPM 1	1DX Cr PPM 1	1DX Mg % 0.01	1DX Ti % 0.001	1DX B PPM 20
625757	0.6	3.5	55	0.2	0.01	792	1.41	1.6	2.8	369	71	0.88	0.045	11	2	0.23	0.037	<20
625758	0.4	3.6	56	0.2	0.01	830	1.50	1.9	3.2	382	81	1.07	0.043	11	2	0.23	0.053	<20
625759	1.1	3.3	52	0.4	0.01	732	1.45	1.3	2.3	481	73	0.85	0.045	10	2	0.20	0.055	<20
625760	0.7	3.5	56	0.3	0.03	802	1.45	1.9	3.0	457	81	1.14	0.045	11	3	0.20	0.062	<20
625761	1.3	3.0	54	0.3	0.01	767	1.37	1.5	2.5	371	70	0.86	0.044	10	2	0.18	0.053	<20
625762	0.8	3.2	69	0.4	0.02	809	1.55	1.9	2.8	613	90	1.18	0.042	11	3	0.19	0.068	<20
625763	0.9	3.1	97	0.2	0.01	822	1.51	1.8	2.9	542	83	0.95	0.047	10	2	0.20	0.054	<20
625764	0.5	3.2	84	0.2	0.01	685	1.39	2.1	3.3	504	69	0.80	0.043	10	2	0.20	0.049	<20
625765	0.7	3.5	79	0.2	0.01	764	1.49	1.5	2.7	637	68	0.84	0.047	11	2	0.22	0.053	<20
625766	0.9	4.2	87	0.3	0.02	920	1.80	1.7	3.1	433	82	0.84	0.049	12	3	0.24	0.070	<20
625767	0.7	3.9	88	0.3	0.01	840	1.62	2.0	3.2	684	79	0.97	0.048	11	2	0.23	0.071	<20
625768	0.7	4.6	79	0.2	0.01	928	1.84	1.8	3.4	261	86	1.15	0.054	12	3	0.28	0.075	<20
625769	0.5	3.7	79	0.2	0.01	793	1.45	1.7	2.6	281	72	0.99	0.043	10	1	0.26	0.050	<20
625770	0.8	4.1	75	0.2	0.01	866	1.72	1.8	2.7	256	80	1.00	0.050	11	2	0.26	0.060	<20
625771	0.5	3.0	88	0.1	0.02	687	1.21	1.4	2.5	521	64	0.82	0.037	9	1	0.18	0.039	<20
625772	0.8	3.4	87	0.4	0.02	877	1.48	1.9	3.2	681	75	1.12	0.044	11	2	0.21	0.049	<20
625773	0.7	3.6	93	0.2	0.02	805	1.52	1.6	3.0	968	74	1.04	0.054	12	2	0.22	0.043	<20
625774	0.9	3.6	81	0.3	0.01	841	1.72	2.0	3.0	615	80	0.98	0.048	10	3	0.21	0.054	<20
625776	0.7	3.5	67	0.4	0.02	884	1.52	2.0	3.5	530	71	1.47	0.046	11	3	0.22	0.049	<20
625777	0.8	4.3	92	0.3	0.04	1155	1.85	2.2	3.1	664	102	1.10	0.052	11	2	0.26	0.073	<20
625778	0.6	4.2	52	0.2	0.02	912	1.57	1.3	2.1	264	84	1.11	0.046	10	2	0.26	0.054	<20
625779	0.4	4.2	54	0.1	0.07	1089	1.52	1.6	2.8	453	82	1.59	0.044	11	1	0.25	0.054	<20
625780	0.6	4.3	58	0.2	0.06	1037	1.84	1.4	2.6	238	87	1.12	0.052	11	2	0.26	0.056	<20
625781	0.2	4.0	53	0.1	0.03	1139	1.53	1.4	2.5	292	75	2.05	0.043	11	<1	0.22	0.046	<20
625782	0.4	4.0	51	0.4	0.02	1127	1.51	1.3	2.2	220	80	2.04	0.043	10	2	0.26	0.043	<20
625783	0.7	4.3	63	0.2	0.05	1016	1.71	2.4	3.9	251	92	0.92	0.049	10	2	0.25	0.056	<20
625784	0.9	4.1	76	0.2	0.01	844	1.68	2.2	3.5	249	96	0.73	0.046	10	3	0.24	0.047	<20
625785	1.3	5.1	60	0.2	0.01	1032	2.03	2.4	3.7	211	113	0.78	0.051	12	2	0.31	0.056	<20
625786	1.0	4.6	56	0.1	0.01	976	1.89	1.8	3.4	197	117	0.85	0.048	10	3	0.27	0.053	<20
625787	0.6	2.5	75	0.7	0.01	408	1.18	0.8	1.5	121	84	0.79	0.029	8	2	0.10	0.043	<20
625788	0.9	4.3	63	0.1	0.02	908	1.85	2.1	4.4	246	110	0.71	0.046	11	2	0.25	0.054	<20
625789	0.6	3.7	65	0.1	<0.01	990	1.95	3.0	5.0	246	128	0.97	0.046	12	3	0.21	0.059	<20
625790	0.6	4.3	57	0.1	0.01	965	1.82	1.9	3.1	234	108	0.90	0.047	10	3	0.26	0.053	<20
625791	1.2	5.0	52	0.1	0.02	1111	2.13	1.8	3.2	205	111	0.77	0.057	12	3	0.31	0.060	<20
625792	0.9	4.5	63	0.2	0.02	1038	1.81	2.3	3.7	298	89	0.96	0.048	11	3	0.26	0.050	<20
625793	1.1	5.1	58	0.3	0.04	1286	1.93	1.8	3.3	385	102	1.32	0.047	13	2	0.34	0.057	<20

APPENDIX II - DRILL CORE ANALYSES

Sample ID	1DX Al % 0.01	1DX Na % 0.001	1DX K % 0.01	1DX Sc PPM 0.1	1DX Tl PPM 0.1	1DX S % 0.05	1DX Ga PPM 1	1DX Se PPM 0.5
625757	1.51	0.759	0.21	1.2	<0.1	<0.05	4	<0.5
625758	2.11	1.243	0.25	1.2	<0.1	<0.05	4	<0.5
625759	1.79	1.044	0.30	0.9	<0.1	<0.05	4	<0.5
625760	1.68	0.987	0.29	1.1	<0.1	<0.05	4	<0.5
625761	1.96	1.143	0.26	1.0	<0.1	<0.05	4	0.8
625762	1.94	1.126	0.31	0.9	<0.1	<0.05	4	<0.5
625763	1.67	0.869	0.26	1.0	<0.1	<0.05	4	<0.5
625764	1.83	1.118	0.24	0.9	<0.1	<0.05	4	<0.5
625765	1.91	1.235	0.27	1.1	<0.1	<0.05	4	<0.5
625766	1.59	0.870	0.27	1.2	<0.1	<0.05	4	<0.5
625767	1.87	1.088	0.33	1.3	<0.1	<0.05	4	<0.5
625768	2.59	1.737	0.25	1.3	<0.1	<0.05	5	0.5
625769	2.72	2.011	0.18	1.2	<0.1	<0.05	5	<0.5
625770	2.39	1.664	0.22	1.2	<0.1	<0.05	5	0.8
625771	1.64	1.011	0.17	0.9	<0.1	<0.05	3	<0.5
625772	1.69	0.803	0.20	1.2	<0.1	<0.05	4	0.8
625773	1.75	0.858	0.27	1.1	<0.1	<0.05	4	0.5
625774	1.49	0.833	0.29	1.2	<0.1	<0.05	4	0.5
625776	1.58	0.941	0.22	1.1	<0.1	<0.05	4	0.7
625777	1.48	0.683	0.27	1.3	0.1	<0.05	4	1.4
625778	2.72	1.990	0.19	1.1	<0.1	0.06	5	0.7
625779	1.52	0.758	0.18	1.1	<0.1	0.12	4	2.7
625780	1.66	0.982	0.22	1.2	<0.1	0.13	4	1.9
625781	1.41	0.777	0.21	1.0	<0.1	0.10	3	1.2
625782	1.07	0.510	0.18	1.1	<0.1	<0.05	4	<0.5
625783	1.27	0.627	0.27	1.2	<0.1	0.09	4	1.4
625784	0.90	0.340	0.21	1.3	<0.1	<0.05	3	0.7
625785	0.92	0.261	0.22	1.4	<0.1	<0.05	4	0.5
625786	0.71	0.162	0.20	1.2	<0.1	<0.05	4	<0.5
625787	0.34	0.064	0.14	0.8	<0.1	<0.05	2	<0.5
625788	0.68	0.106	0.16	1.1	<0.1	<0.05	3	<0.5
625789	0.69	0.160	0.18	1.2	0.1	<0.05	3	<0.5
625790	0.83	0.304	0.21	1.3	<0.1	<0.05	3	<0.5
625791	0.93	0.320	0.20	1.4	<0.1	<0.05	4	0.5
625792	1.64	0.993	0.24	1.2	<0.1	<0.05	4	0.6
625793	1.97	0.853	0.21	1.4	<0.1	0.07	5	0.9

APPENDIX II - DRILL CORE ANALYSES

Sample ID	Lab Report	Drill Hole	Interval from m	to m	length m	Sample wt kg	3B Au PPB 2	1DX Au PPB 0.5	1DX Cu PPM 0.1	1DX Ag PPM 0.1	1DX As PPM 0.5	1DX Sb PPM 0.1	1DX Pb PPM 0.1	1DX Zn PPM 1	1DX Bi PPM 0.1	1DX Cd PPM 0.1	1DX Mo PPM 0.1
625794	a800298	DDH 784-08-05	113.0	115.0	2.0	5.7	50	35.5	1502.2	1.1	1.4	0.3	7.5	101	0.1	0.9	0.4
625795	a800298	DDH 784-08-05	115.0	117.5	2.5	6.6	38	115.1	1495.9	1.2	1.9	0.3	8.6	95	0.1	0.1	0.3
625796	a800298	DDH 784-08-05	117.5	120.0	2.5	7.4	59	38.9	979.4	0.9	0.8	0.2	5.6	68	0.1	0.2	0.5
625797	a800298	DDH 784-08-05	120.0	122.5	2.5	8.2	59	25.0	1936.3	1.6	<0.5	0.3	7.4	84	0.2	0.7	0.4
625798	a800298	DDH 784-08-05	122.5	125.0	2.5	7.4	42	17.1	1586.6	1.4	0.9	0.9	5.0	78	0.3	0.5	0.7
625799	a800298	DDH 784-08-05	125.0	127.5	2.5	7.5	69	37.0	2083.7	1.8	0.6	0.1	7.0	79	0.3	0.5	9.5
625801	a800298	DDH 784-08-05	127.5	129.5	2.0	7.2	66	69.7	1617.7	1.5	1.5	0.1	6.9	74	0.2	0.3	1.0
625802	a800298	DDH 784-08-05	129.5	131.2	1.7	5.7	47	53.1	1864.3	1.4	1.5	0.1	8.2	101	0.2	0.8	0.7
625803	a800298	DDH 784-08-05	131.2	133.5	2.3	7.0	38	27.7	2137.1	1.5	1.2	0.2	14.3	62	0.1	0.7	0.5
625804	a800298	DDH 784-08-05	133.5	136.0	2.5	8.2	20	11.5	901.1	0.7	0.8	0.1	12.9	34	0.1	0.2	0.3
625805	van08 4182	DDH 784-08-05	136.0	138.5	2.5	7.2	38	21.4	903.3	0.7	1.4	1.3	10.6	32	<0.1	<0.1	0.9
625806	van08 4182	DDH 784-08-05	138.5	140.5	2.0	5.7	53	36.4	2468.0	1.7	2.5	2.6	10.9	45	0.3	0.5	1.7
625807	van08 4182	DDH 784-08-05	140.5	142.8	2.3	7.6	27	20.5	1369.0	0.9	3.5	3.1	10.2	39	0.2	0.4	0.5
625808	van08 4182	DDH 784-08-05	142.8	145.0	2.2	7.5	30	20.6	1007.0	1.0	2.1	0.3	5.1	59	0.1	0.1	0.7
625809	van08 4182	DDH 784-08-05	145.0	147.5	2.5	8.0	18	42.6	955.7	1.0	1.5	0.2	5.8	76	<0.1	0.3	0.7
625810	van08 4182	DDH 784-08-05	147.5	150.0	2.5	8.2	105	27.9	931.0	0.7	1.5	0.2	6.2	68	<0.1	0.2	0.6
625811	van08 4182	DDH 784-08-05	150.0	152.5	2.5	7.5	52	43.3	1475.0	1.1	1.0	<0.1	6.3	78	0.1	0.3	0.5
625812	van08 4182	DDH 784-08-05	152.5	155.0	2.5	7.4	50	26.9	1619.0	1.1	1.9	<0.1	7.3	72	0.2	0.4	0.4
625813	van08 4182	DDH 784-08-05	155.0	157.5	2.5	9.2	18	17.7	759.7	0.6	1.5	0.1	5.4	65	<0.1	0.3	0.4
625814	van08 4182	DDH 784-08-05	157.5	160.0	2.5	7.7	56	170.3	1010.0	0.9	1.7	<0.1	5.4	67	<0.1	0.2	0.9
625815	van08 4182	DDH 784-08-05	160.0	162.5	2.5	8.3	37	51.6	1065.0	0.7	1.3	<0.1	4.9	75	0.1	0.4	0.7
625816	van08 4182	DDH 784-08-05	162.5	165.0	2.5	8.5	46	29.1	1051.0	0.9	1.3	<0.1	4.2	59	0.1	0.3	1.3
625817	van08 4182	DDH 784-08-05	165.0	167.5	2.5	8.1	38	63.2	908.3	0.7	1.4	<0.1	4.4	72	<0.1	0.2	0.7
625818	van08 4182	DDH 784-08-05	167.5	170.0	2.5	7.4	57	16.6	1330.0	0.9	2.2	0.1	6.6	71	0.1	0.2	0.3
625819	van08 4182	DDH 784-08-05	170.0	172.3	2.3	6.9	55	28.6	1790.0	0.6	1.9	0.1	8.6	100	0.1	<0.1	0.2
625820	van08 4182	DDH 784-08-05	172.3	174.3	2.0	5.8	29	29.4	858.2	0.7	2.0	0.1	7.1	75	<0.1	0.1	0.2
625821	van08 4182	DDH 784-08-05	174.3	176.8	2.5	3.4	57	40.0	996.9	0.9	1.4	<0.1	6.1	78	0.1	0.1	0.2
625822	van08 4182	DDH 784-08-05	176.8	178.8	2.0	5.8	2	2.1	102.1	<0.1	1.7	<0.1	1.9	22	<0.1	0.2	0.2
625823	van08 4182	DDH 784-08-05	178.8	181.8	3.0	9.0	<2	<0.5	78.6	<0.1	<0.5	<0.1	3.2	27	<0.1	0.1	0.1
625824	van08 4182	DDH 784-08-05	181.8	183.4	1.6	5.5	<2	3.0	69.1	<0.1	0.6	0.1	2.2	22	<0.1	0.1	0.2
625826	a800339	DDH 784-08-05	183.4	186.4	3.0		30	15.4	700.7	0.5	3.6	0.2	23.2	87	0.1	0.3	0.2
625827	a800339	DDH 784-08-05	186.4	189.4	3.0		40	36.5	1076.6	0.5	2.1	0.1	12.1	79	0.1	0.1	0.1
625828	a800339	DDH 784-08-05	189.4	192.4	3.0		30	102.4	563.7	0.2	2.3	0.3	8.1	74	0.1	0.1	0.2
625829	van08 4182	DDH 784-08-05	192.4	194.4	2.0	6.2	13	5.9	665.2	0.2	1.8	0.3	1.9	76	<0.1	<0.1	0.6
625830	van08 4182	DDH 784-08-05	194.4	196.6	2.2	6.4	11	10.7	436.0	0.4	0.8	0.2	1.4	56	<0.1	<0.1	0.4
625831	van08 4182	DDH 784-08-05	196.6	198.6	2.0	6.4	9	5.9	546.5	0.3	1.3	0.2	1.7	43	<0.1	<0.1	0.6

APPENDIX II - DRILL CORE ANALYSES

Sample ID	1DX Ni PPM 0.1	1DX Co PPM 0.1	1DX Ba PPM 1	1DX W PPM 0.1	1DX Hg PPM 0.01	1DX Mn PPM 1	1DX Fe % 0.01	1DX U PPM 0.1	1DX Th PPM 0.1	1DX Sr PPM 1	1DX V PPM 2	1DX Ca % 0.01	1DX P % 0.001	1DX La PPM 1	1DX Cr PPM 1	1DX Mg % 0.01	1DX Ti % 0.001	1DX B PPM 20
625794	0.3	4.2	138	0.3	0.05	1119	1.84	1.2	2.1	969	88	1.54	0.049	11	2	0.28	0.040	<20
625795	1.0	4.7	156	0.1	0.04	1056	1.86	1.9	3.9	814	86	1.12	0.050	12	2	0.30	0.034	<20
625796	0.6	3.7	65	0.1	0.07	920	1.50	1.2	2.0	288	78	1.07	0.045	10	2	0.25	0.036	<20
625797	0.6	3.2	141	0.2	0.07	1331	1.66	1.9	1.9	560	102	1.50	0.044	9	1	0.23	0.053	<20
625798	0.7	3.8	91	0.3	0.03	1197	1.48	1.7	2.5	261	75	1.26	0.046	11	2	0.24	0.044	<20
625799	0.3	4.3	73	0.2	0.04	1219	1.84	1.4	2.4	228	105	1.27	0.049	11	2	0.25	0.061	<20
625801	0.7	4.4	102	0.3	0.06	1073	1.68	2.4	4.1	427	85	1.17	0.052	14	1	0.29	0.065	<20
625802	0.3	3.8	52	0.3	0.04	1132	1.62	2.4	3.8	375	90	1.03	0.045	12	2	0.25	0.079	<20
625803	0.2	1.4	84	0.4	0.08	477	0.81	5.8	13.4	1012	41	0.83	0.010	10	2	0.07	0.022	<20
625804	0.3	0.8	53	0.1	0.02	354	0.61	6.2	8.1	723	34	0.76	0.002	5	1	0.04	0.013	<20
625805	0.6	0.9	82	<0.1	0.02	406	0.59	4.4	9.7	417	31	0.97	0.003	9	2	0.06	0.009	<20
625806	1.0	2.0	84	0.2	0.11	503	0.82	2.4	3.6	688	38	0.71	0.012	6	4	0.10	0.016	<20
625807	0.6	1.1	43	<0.1	0.04	410	0.58	2.9	3.9	183	28	0.83	0.008	5	1	0.06	0.006	<20
625808	1.2	3.3	85	0.3	0.01	927	1.45	2.4	3.0	562	81	0.88	0.039	10	2	0.22	0.056	<20
625809	0.8	3.5	66	0.3	<0.01	990	1.56	1.7	2.9	325	95	0.77	0.038	10	2	0.20	0.061	<20
625810	1.1	3.8	91	0.2	0.01	888	1.50	1.6	3.0	294	78	0.83	0.039	10	1	0.24	0.051	<20
625811	0.6	3.9	184	0.2	0.02	1034	1.65	3.3	4.5	313	101	1.03	0.039	11	1	0.25	0.064	<20
625812	1.2	3.9	158	0.2	<0.01	926	1.61	1.3	2.6	228	85	0.94	0.040	12	2	0.28	0.050	<20
625813	0.7	3.3	126	0.2	<0.01	903	1.39	1.3	2.1	187	77	0.90	0.039	9	1	0.24	0.050	<20
625814	1.0	3.5	157	0.2	<0.01	985	1.52	2.2	3.6	363	91	0.95	0.041	10	2	0.26	0.051	<20
625815	0.7	3.4	235	0.2	<0.01	977	1.49	2.0	3.4	405	83	0.83	0.043	10	3	0.26	0.051	<20
625816	1.5	3.0	218	0.5	<0.01	818	1.45	1.4	2.2	388	77	0.68	0.041	9	2	0.22	0.049	<20
625817	1.0	4.1	162	0.2	<0.01	1029	1.70	1.8	3.2	310	91	0.93	0.047	11	1	0.29	0.059	<20
625818	0.7	4.4	121	0.1	0.01	979	1.58	1.8	2.7	255	86	1.08	0.043	10	1	0.31	0.035	<20
625819	0.8	4.6	101	0.1	<0.01	952	1.69	1.3	2.7	274	97	0.77	0.043	11	1	0.27	0.038	<20
625820	1.1	4.3	306	0.3	<0.01	978	1.62	0.9	2.1	391	89	0.88	0.041	10	1	0.29	0.034	<20
625821	1.1	4.0	57	0.5	<0.01	942	1.55	1.9	3.5	210	85	0.81	0.042	10	1	0.28	0.025	<20
625822	1.4	3.2	372	0.2	<0.01	698	1.56	0.4	0.4	440	71	1.88	0.048	3	2	0.15	0.048	<20
625823	1.7	3.5	284	0.2	<0.01	679	1.50	0.4	0.4	314	67	1.77	0.046	3	3	0.17	0.044	<20
625824	1.5	3.4	150	0.2	<0.01	637	1.48	0.4	0.5	191	64	1.40	0.045	3	2	0.17	0.040	<20
625826	0.6	4.9	384	<0.1	0.02	1162	1.85	1.7	3.8	345	89	1.18	0.045	12	<1	0.34	0.050	<20
625827	0.5	4.0	100	<0.1	0.01	1100	1.72	1.9	4.1	216	85	1.15	0.040	13	<1	0.30	0.039	<20
625828	0.9	5.3	103	<0.1	0.01	1029	1.76	2.3	4.2	224	55	1.35	0.045	13	<1	0.36	0.032	<20
625829	0.9	4.5	109	<0.1	<0.01	1026	1.43	1.7	2.9	152	55	1.07	0.042	12	<1	0.32	0.019	<20
625830	1.0	3.6	45	<0.1	<0.01	853	1.23	4.0	6.2	100	49	1.11	0.035	12	1	0.21	0.006	<20
625831	0.3	3.4	218	<0.1	<0.01	992	1.26	2.4	4.5	131	24	1.51	0.044	16	<1	0.23	0.002	<20

APPENDIX II - DRILL CORE ANALYSES

Sample ID	1DX Al %	1DX Na %	1DX K %	1DX Sc PPM	1DX Tl PPM	1DX S %	1DX Ga PPM	1DX Se PPM
	0.01	0.001	0.01	0.1	0.1	0.05	1	0.5
625794	1.49	0.538	0.17	1.4	<0.1	<0.05	4	0.9
625795	1.17	0.238	0.18	1.3	<0.1	<0.05	4	<0.5
625796	1.89	1.054	0.18	1.0	<0.1	<0.05	4	1.7
625797	1.18	0.502	0.18	1.2	<0.1	0.13	4	1.7
625798	1.21	0.623	0.23	1.3	<0.1	0.12	3	1.0
625799	1.25	0.586	0.25	1.3	<0.1	0.12	4	2.3
625801	2.19	1.234	0.28	1.4	<0.1	0.09	5	1.7
625802	1.71	0.931	0.30	1.1	0.1	0.13	4	1.5
625803	1.87	0.968	0.27	0.3	<0.1	0.14	3	1.2
625804	2.47	1.315	0.40	0.3	0.1	0.08	4	0.7
625805	1.32	0.674	0.22	0.2	<0.1	<0.05	3	0.6
625806	1.50	0.741	0.26	0.3	<0.1	0.13	3	2.3
625807	0.71	0.333	0.17	0.5	<0.1	0.08	2	1.0
625808	1.55	0.736	0.32	0.8	<0.1	<0.05	4	1.0
625809	1.55	0.854	0.29	0.7	<0.1	0.05	4	0.7
625810	1.59	0.826	0.26	0.8	<0.1	<0.05	4	1.1
625811	1.56	0.734	0.26	0.9	<0.1	0.06	4	0.8
625812	1.59	0.723	0.20	0.9	<0.1	0.07	5	1.6
625813	1.28	0.579	0.18	0.9	<0.1	<0.05	4	<0.5
625814	1.48	0.686	0.24	0.9	<0.1	<0.05	4	<0.5
625815	1.34	0.542	0.27	0.9	<0.1	0.06	4	0.9
625816	1.54	0.702	0.29	0.8	<0.1	0.06	4	0.9
625817	1.45	0.574	0.26	1.0	<0.1	<0.05	4	0.6
625818	0.99	0.210	0.13	1.1	<0.1	<0.05	4	0.6
625819	0.75	0.051	0.12	0.9	<0.1	<0.05	4	<0.5
625820	0.76	0.059	0.12	1.0	<0.1	<0.05	4	<0.5
625821	0.70	0.046	0.12	0.7	<0.1	<0.05	3	<0.5
625822	0.39	0.068	0.06	2.1	<0.1	<0.05	1	<0.5
625823	0.32	0.060	0.07	1.8	<0.1	<0.05	1	<0.5
625824	0.30	0.059	0.07	1.8	<0.1	<0.05	1	<0.5
625826	0.90	0.053	0.10	0.9	<0.1	<0.05	4	<0.5
625827	0.83	0.063	0.15	1.0	<0.1	<0.05	4	<0.5
625828	0.71	0.050	0.13	1.1	<0.1	<0.05	4	<0.5
625829	0.65	0.044	0.12	0.6	<0.1	0.05	4	<0.5
625830	0.48	0.039	0.12	0.5	<0.1	<0.05	3	<0.5
625831	0.44	0.048	0.18	0.8	<0.1	<0.05	1	0.6

APPENDIX II - DRILL CORE ANALYSES

Sample ID	Lab Report	Drill Hole	Interval from m	Interval to m	length m	Sample wt kg	3B Au PPB 2	1DX Au PPB 0.5	1DX Cu PPM 0.1	1DX Ag PPM 0.1	1DX As PPM 0.5	1DX Sb PPM 0.1	1DX Pb PPM 0.1	1DX Zn PPM 1	1DX Bi PPM 0.1	1DX Cd PPM 0.1	1DX Mo PPM 0.1
625832	van08 4182	DDH 784-08-05	198.6	201.6	3.0	8.8	<2	<0.5	11.7	<0.1	1.2	<0.1	0.8	21	<0.1	<0.1	0.4
625833	van08 4182	DDH 784-08-05	201.6	204.6	3.0	8.9	<2	<0.5	55.4	<0.1	0.8	<0.1	0.8	21	<0.1	<0.1	0.6
625834	van08 4182	DDH 784-08-05	204.6	207.6	3.0	8.1	<2	<0.5	25.2	<0.1	1.1	0.1	1.1	24	<0.1	<0.1	0.3
625835	van08 4182	DDH 784-08-05	207.6	210.6	3.0	8.3	<2	4.6	21.2	<0.1	0.6	<0.1	0.9	21	<0.1	<0.1	0.4
625836	van08 4182	DDH 784-08-05	210.6	213.6	3.0	8.9	<2	1.4	69.6	<0.1	<0.5	<0.1	2.2	22	<0.1	<0.1	0.7
625837	van08 4182	DDH 784-08-05	213.6	216.6	3.0	9.2	<2	2.0	17.6	<0.1	<0.5	0.1	2.2	30	<0.1	<0.1	0.5
625838	van08 4182	DDH 784-08-05	216.6	219.6	3.0	8.7	<2	2.1	2.7	<0.1	<0.5	0.1	2.7	29	<0.1	<0.1	0.3
625839	van08 4182	DDH 784-08-05	219.6	222.6	3.0	9.0	<2	1.2	19.5	<0.1	<0.5	0.2	3.4	25	<0.1	0.1	0.6
625840	van08 4182	DDH 784-08-05	222.6	225.6	3.0	9.3	4	1.2	4.3	<0.1	<0.5	<0.1	2.2	25	<0.1	<0.1	0.3
625841	van08 4182	DDH 784-08-05	225.6	228.6	3.0	8.6	<2	1.3	5.0	<0.1	1.2	0.2	2.4	28	<0.1	<0.1	0.3
625842	van08 4182	DDH 784-08-05	228.6	231.6	3.0	8.7	2	2.2	36.5	<0.1	<0.5	0.1	3.4	32	<0.1	<0.1	1.2
625843	van08 4182	DDH 784-08-05	231.6	234.6	3.0	9.1	<2	1.5	97.5	<0.1	<0.5	0.2	2.5	29	<0.1	<0.1	2.6
625844	van08 4182	DDH 784-08-05	234.6	237.6	3.0	9.1	<2	2.2	2.6	<0.1	0.5	0.1	3.0	29	<0.1	<0.1	0.4
625845	van08 4182	DDH 784-08-05	237.6	239.6	2.0	7.7	<2	1.3	5.9	<0.1	1.1	0.1	2.3	31	<0.1	<0.1	0.6
625846	van08 4182	DDH 784-08-05	239.6	242.6	3.0	8.8	<2	1.3	4.2	<0.1	<0.5	0.1	2.1	26	<0.1	<0.1	1.2
625847	van08 4182	DDH 784-08-05	242.6	245.6	3.0	10.2	<2	2.0	140.7	<0.1	0.7	0.1	3.7	26	<0.1	<0.1	3.6
625848	van08 4182	DDH 784-08-05	245.6	248.6	3.0	9.2	<2	6.5	151.8	<0.1	0.7	0.2	3.1	24	<0.1	<0.1	2.2
625849	van08 4182	DDH 784-08-05	248.6	251.6	3.0	9.8	<2	1.8	7.6	<0.1	1.2	0.1	7.3	35	<0.1	<0.1	1.0
625851	van08 4182	DDH 784-08-05	251.6	254.6	3.0	8.9	<2	0.6	9.1	<0.1	0.6	0.2	6.3	31	<0.1	<0.1	4.2
625852	van08 4182	DDH 784-08-05	254.6	257.6	3.0	9.0	<2	<0.5	4.6	<0.1	0.5	0.1	6.0	30	<0.1	<0.1	0.8
625853	van08 4182	DDH 784-08-05	257.6	260.6	3.0	10.5	<2	1.4	6.5	<0.1	1.1	0.3	12.2	45	<0.1	<0.1	1.0
625854	van08 4182	DDH 784-08-05	260.6	263.6	3.0	9.7	<2	1.0	6.3	<0.1	<0.5	0.2	5.2	29	<0.1	<0.1	0.6
625855	van08 4182	DDH 784-08-05	263.6	266.6	3.0	9.1	<2	<0.5	8.3	<0.1	0.6	0.2	5.3	33	<0.1	<0.1	1.5
625856	van08 4182	DDH 784-08-05	266.6	269.6	3.0	9.3	<2	2.2	8.7	<0.1	1.0	0.2	4.1	34	<0.1	<0.1	0.7
625857	van08 4182	DDH 784-08-05	269.6	272.0	2.4	8.4	<2	2.5	102.0	<0.1	1.2	0.4	8.8	36	<0.1	0.1	0.7
625858	van08 4182	DDH 784-08-05	272.0	274.0	2.0	5.8	3	4.2	256.3	0.2	2.2	0.6	4.7	18	<0.1	<0.1	1.7
625859	van08 4182	DDH 784-08-05	274.0	276.0	2.0	7.6	<2	2.3	7.2	<0.1	4.2	0.4	4.7	21	<0.1	<0.1	3.4
625860	van08 4182	DDH 784-08-05	276.0	285.5	9.5	9.1	<2	0.7	12.6	<0.1	1.5	0.2	11.9	15	<0.1	0.1	3.8
625861	van08 4182	DDH 784-08-05	285.5	288.6	3.1	9.6	<2	2.6	8.3	<0.1	0.7	0.2	4.7	12	<0.1	<0.1	3.8
625862	van08 4182	DDH 784-08-05	288.6	291.5	2.9	10.2	<2	1.3	10.2	<0.1	0.7	0.1	5.0	18	<0.1	0.1	5.7
625863	van08 4182	DDH 784-08-05	291.5	294.5	3.0	9.5	<2	0.6	20.0	<0.1	<0.5	0.5	10.0	36	<0.1	<0.1	5.4
625864	van08 4182	DDH 784-08-05	294.5	297.5	3.0	9.5	3	1.7	8.8	<0.1	0.5	0.3	4.5	46	<0.1	0.1	2.1
625865	van08 4182	DDH 784-08-05	297.5	300.2	2.7	8.4	<2	1.1	23.8	<0.1	<0.5	0.2	3.1	26	<0.1	<0.1	4.0
625866	van08 4182	DDH 784-08-06	9.1	12.1	3.0	4.8	2	3.0	76.5	<0.1	<0.5	0.1	3.8	26	<0.1	<0.1	0.6
625867	van08 4182	DDH 784-08-06	12.1	14.1	2.0	3.6	<2	<0.5	16.7	<0.1	<0.5	0.1	2.2	10	<0.1	<0.1	0.2

APPENDIX II - DRILL CORE ANALYSES

Sample ID	1DX Ni PPM 0.1	1DX Co PPM 0.1	1DX Ba PPM 1	1DX W PPM 0.1	1DX Hg PPM 0.01	1DX Mn PPM 1	1DX Fe % 0.01	1DX U PPM 0.1	1DX Th PPM 0.1	1DX Sr PPM 1	1DX V PPM 2	1DX Ca % 0.01	1DX P % 0.001	1DX La PPM 1	1DX Cr PPM 1	1DX Mg % 0.01	1DX Ti % 0.001	1DX B PPM 20
625832	2.0	2.5	43	<0.1	<0.01	643	1.02	0.7	1.1	76	20	1.57	0.043	7	2	0.26	0.002	<20
625833	1.0	2.2	58	0.1	<0.01	368	1.01	1.0	1.0	56	22	1.12	0.040	6	2	0.30	0.001	<20
625834	1.8	3.2	1893	0.1	<0.01	555	1.19	0.6	1.0	105	27	1.33	0.041	6	2	0.36	0.002	<20
625835	1.5	2.2	1123	<0.1	<0.01	525	1.08	0.5	1.3	88	36	1.40	0.042	7	2	0.38	0.001	<20
625836	1.6	2.1	852	0.2	<0.01	428	1.04	0.6	1.5	71	32	1.57	0.045	9	2	0.34	0.002	<20
625837	1.7	3.1	994	0.1	<0.01	520	1.25	0.6	1.4	64	40	1.57	0.045	7	6	0.47	0.002	<20
625838	2.2	3.1	795	0.2	<0.01	623	1.32	0.5	1.4	55	41	1.84	0.049	8	6	0.58	0.002	<20
625839	2.0	2.3	384	0.2	<0.01	672	1.02	0.8	1.3	57	31	1.53	0.051	7	5	0.45	0.003	<20
625840	1.5	2.2	517	<0.1	<0.01	695	0.97	0.7	1.4	45	21	1.46	0.047	7	5	0.45	0.002	<20
625841	1.9	2.8	617	0.2	<0.01	852	1.14	0.7	1.3	65	36	1.61	0.044	7	6	0.53	0.003	<20
625842	2.8	2.7	656	0.2	<0.01	872	1.10	0.9	1.3	86	33	1.52	0.051	6	7	0.45	0.004	<20
625843	1.8	2.4	628	<0.1	<0.01	764	1.00	0.9	1.5	103	24	1.58	0.040	7	5	0.40	0.005	<20
625844	1.6	2.6	292	0.1	<0.01	1008	1.05	0.7	1.1	129	29	1.98	0.047	5	4	0.48	0.002	<20
625845	1.9	2.4	808	0.1	<0.01	911	1.00	0.7	1.3	79	29	1.72	0.050	6	5	0.49	0.002	<20
625846	1.5	2.0	525	0.1	<0.01	805	0.82	0.7	1.3	79	22	1.63	0.044	5	6	0.41	0.003	<20
625847	1.5	2.0	447	<0.1	<0.01	664	1.03	0.5	1.0	124	35	1.87	0.043	6	7	0.41	0.010	<20
625848	1.7	1.9	520	0.1	<0.01	511	0.84	0.5	1.6	101	28	1.57	0.035	7	4	0.30	0.003	<20
625849	1.7	2.5	677	<0.1	<0.01	1050	1.00	0.6	1.3	199	26	2.68	0.049	7	5	0.42	0.004	<20
625851	1.6	2.3	793	0.3	<0.01	991	1.01	0.8	1.2	214	37	2.84	0.054	6	5	0.35	0.017	<20
625852	1.4	2.7	417	<0.1	<0.01	674	1.18	0.7	1.1	187	34	2.01	0.053	6	4	0.33	0.012	<20
625853	2.5	2.7	543	0.2	<0.01	628	1.25	0.9	1.3	124	36	1.84	0.047	6	5	0.45	0.010	<20
625854	1.4	2.4	892	0.3	<0.01	595	1.03	0.6	1.3	102	37	1.85	0.044	8	4	0.40	0.004	<20
625855	1.4	2.3	610	0.1	<0.01	706	0.99	0.6	1.4	104	29	1.86	0.049	7	5	0.40	0.004	<20
625856	1.6	2.8	1141	0.1	<0.01	785	1.02	0.4	1.8	81	22	1.90	0.046	9	3	0.45	0.002	<20
625857	0.6	2.8	229	0.1	<0.01	510	1.12	0.9	2.1	125	44	1.35	0.038	13	1	0.19	0.005	<20
625858	1.1	1.3	86	<0.1	<0.01	441	0.74	0.7	1.4	166	42	1.55	0.041	8	2	0.08	0.002	<20
625859	1.8	1.8	317	<0.1	0.02	653	0.77	0.5	0.9	248	40	2.73	0.052	6	4	0.21	0.014	<20
625860	1.4	1.3	682	0.1	<0.01	501	0.66	0.6	0.8	152	36	2.32	0.055	5	5	0.25	0.032	<20
625861	1.3	1.1	542	0.2	<0.01	315	0.59	0.7	1.1	122	31	1.55	0.044	6	4	0.25	0.040	<20
625862	1.4	1.4	589	<0.1	<0.01	370	0.88	0.8	1.2	111	34	1.40	0.052	5	5	0.25	0.042	<20
625863	1.3	2.1	411	<0.1	<0.01	679	0.84	0.5	1.0	116	42	2.19	0.057	6	4	0.49	0.010	<20
625864	1.4	2.4	642	<0.1	<0.01	774	1.02	0.2	0.8	118	34	2.46	0.059	5	4	0.58	0.003	<20
625865	1.4	1.7	323	0.1	<0.01	510	0.69	0.5	1.8	77	21	1.25	0.034	10	3	0.25	0.001	<20
625866	1.2	3.5	86	0.2	<0.01	579	1.20	2.3	8.3	32	39	0.71	0.033	17	2	0.12	0.005	<20
625867	0.4	1.5	77	0.1	<0.01	742	0.97	1.4	4.6	49	28	1.18	0.035	16	2	0.05	0.004	<20

APPENDIX II - DRILL CORE ANALYSES

Sample ID	1DX Al %	1DX Na %	1DX K %	1DX Sc PPM	1DX Tl PPM	1DX S %	1DX Ga PPM	1DX Se PPM
	0.01	0.001	0.01	0.1	0.1	0.05	1	0.5
625832	0.18	0.053	0.05	2.1	<0.1	<0.05	<1	<0.5
625833	0.21	0.053	0.06	2.1	<0.1	<0.05	<1	<0.5
625834	0.19	0.052	0.05	2.6	<0.1	<0.05	<1	<0.5
625835	0.18	0.056	0.05	2.2	<0.1	<0.05	<1	<0.5
625836	0.17	0.064	0.07	2.1	<0.1	<0.05	<1	<0.5
625837	0.19	0.080	0.07	2.8	<0.1	<0.05	<1	<0.5
625838	0.15	0.087	0.06	3.4	<0.1	<0.05	<1	<0.5
625839	0.21	0.110	0.10	3.7	<0.1	<0.05	<1	<0.5
625840	0.14	0.076	0.07	3.5	<0.1	<0.05	<1	<0.5
625841	0.19	0.100	0.08	3.6	<0.1	<0.05	<1	<0.5
625842	0.25	0.072	0.10	3.7	<0.1	<0.05	<1	<0.5
625843	0.28	0.082	0.11	2.8	<0.1	<0.05	<1	<0.5
625844	0.18	0.058	0.07	3.5	<0.1	<0.05	<1	<0.5
625845	0.20	0.091	0.09	3.8	<0.1	<0.05	<1	<0.5
625846	0.17	0.066	0.08	3.3	<0.1	<0.05	<1	<0.5
625847	0.30	0.084	0.10	3.1	<0.1	<0.05	<1	<0.5
625848	0.20	0.058	0.09	2.3	<0.1	<0.05	<1	<0.5
625849	0.28	0.076	0.09	3.6	<0.1	<0.05	<1	<0.5
625851	0.33	0.080	0.10	3.6	<0.1	<0.05	1	<0.5
625852	0.40	0.056	0.08	3.0	<0.1	<0.05	1	<0.5
625853	0.32	0.088	0.11	3.3	<0.1	<0.05	1	<0.5
625854	0.18	0.067	0.09	2.9	<0.1	<0.05	<1	<0.5
625855	0.24	0.093	0.11	3.0	<0.1	<0.05	<1	<0.5
625856	0.16	0.068	0.09	2.9	<0.1	<0.05	<1	<0.5
625857	0.33	0.075	0.14	0.9	<0.1	<0.05	<1	<0.5
625858	0.31	0.051	0.11	1.7	<0.1	<0.05	<1	<0.5
625859	0.45	0.079	0.12	3.6	<0.1	<0.05	1	<0.5
625860	0.36	0.068	0.09	2.6	<0.1	<0.05	1	<0.5
625861	0.38	0.088	0.12	1.9	<0.1	<0.05	1	<0.5
625862	0.38	0.068	0.09	2.1	<0.1	<0.05	1	<0.5
625863	0.20	0.088	0.10	3.9	<0.1	<0.05	<1	<0.5
625864	0.14	0.057	0.08	4.4	<0.1	<0.05	<1	<0.5
625865	0.22	0.089	0.15	1.5	<0.1	<0.05	<1	<0.5
625866	0.36	0.071	0.11	0.7	<0.1	<0.05	1	<0.5
625867	0.24	0.122	0.05	0.8	<0.1	<0.05	<1	<0.5

APPENDIX II - DRILL CORE ANALYSES

Sample ID	Lab Report	Drill Hole	Interval from m	Interval to m	length m	Sample wt kg	3B Au PPB 2	1DX Au PPB 0.5	1DX Cu PPM 0.1	1DX Ag PPM 0.1	1DX As PPM 0.5	1DX Sb PPM 0.1	1DX Pb PPM 0.1	1DX Zn PPM 1	1DX Bi PPM 0.1	1DX Cd PPM 0.1	1DX Mo PPM 0.1
625868	van08 4182	DDH 784-08-06	14.1	16.1	2.0	6.5	<2	1.9	13.5	<0.1	<0.5	<0.1	1.4	12	<0.1	<0.1	0.3
625869	van08 4182	DDH 784-08-06	16.1	19.1	3.0	4.4	<2	2.1	116.1	<0.1	0.6	0.2	7.1	22	<0.1	<0.1	0.3
625870	van08 4182	DDH 784-08-06	19.1	21.1	2.0	5.3	3	2.0	132.4	<0.1	0.7	0.1	12.6	28	<0.1	<0.1	0.3
625871	van08 4182	DDH 784-08-06	21.1	23.1	2.0	6.4	<2	0.8	28.7	<0.1	<0.5	<0.1	1.6	16	<0.1	<0.1	0.2
625872	van08 4182	DDH 784-08-06	23.1	25.1	2.0	5.5	<2	1.5	53.4	<0.1	1.2	<0.1	2.3	20	<0.1	<0.1	0.2
625873	van08 4182	DDH 784-08-06	25.1	27.4	2.3	6.9	<2	1.1	146.7	<0.1	0.6	<0.1	3.4	40	<0.1	<0.1	0.2
625874	van08 4182	DDH 784-08-06	27.4	30.4	3.0	9.1	<2	<0.5	9.8	<0.1	<0.5	<0.1	1.1	11	<0.1	<0.1	0.2
625875	van08 4182	DDH 784-08-06	30.4	33.4	3.0	9.2	<2	0.5	27.8	<0.1	0.5	<0.1	1.3	12	<0.1	<0.1	0.1
625876	van08 4182	DDH 784-08-06	33.4	36.4	3.0	9.1	<2	0.6	23.6	<0.1	<0.5	<0.1	1.4	13	<0.1	<0.1	0.2
625877	van08 4182	DDH 784-08-06	36.4	39.4	3.0	9.8	2	3.4	241.4	<0.1	0.5	<0.1	2.3	40	<0.1	<0.1	0.6
625878	van08 4182	DDH 784-08-06	39.4	42.0	2.6	7.8	<2	1.6	104.8	<0.1	0.6	<0.1	2.4	22	<0.1	<0.1	0.2
625879	van08 4182	DDH 784-08-06	42.0	44.0	2.0	7.1	<2	0.6	60.2	<0.1	0.5	<0.1	2.6	20	<0.1	<0.1	1.3
625880	van08 4182	DDH 784-08-06	44.0	45.9	1.9	5.9	<2	0.7	34.3	<0.1	<0.5	<0.1	0.9	9	<0.1	<0.1	1.8
625881	van08 4182	DDH 784-08-06	45.9	48.8	2.9	8.9	<2	0.6	4.5	<0.1	<0.5	<0.1	0.8	8	<0.1	<0.1	0.2
625882	van08 4182	DDH 784-08-06	48.8	51.2	2.4	7.0	<2	<0.5	20.2	<0.1	<0.5	<0.1	1.0	6	<0.1	<0.1	0.1
625883	van08 4182	DDH 784-08-06	51.2	54.2	3.0	10.0	<2	2.0	131.6	<0.1	0.7	<0.1	2.5	23	<0.1	<0.1	0.2
625884	a800339	DDH 784-08-06	54.2	57.2	3.0		10	3.7	237.0	<0.1	1.2	0.1	6.0	39	<0.1	<0.1	0.1
625886	van08 4182	DDH 784-08-06	57.2	60.2	3.0	10.4	<2	2.2	92.0	<0.1	0.8	<0.1	1.4	17	<0.1	<0.1	0.3
625887	van08 4182	DDH 784-08-06	60.2	63.2	3.0	6.9	<2	0.6	85.8	<0.1	<0.5	0.1	1.0	14	<0.1	<0.1	0.2
625888	van08 4182	DDH 784-08-06	63.2	66.2	3.0	11.4	<2	1.2	88.7	<0.1	0.7	<0.1	1.5	17	<0.1	<0.1	0.2
625889	van08 4182	DDH 784-08-06	66.2	69.5	3.3	11.0	<2	1.6	29.3	<0.1	0.5	0.1	1.1	12	<0.1	<0.1	0.3
625890	van08 4182	DDH 784-08-06	69.5	72.5	3.0	7.7	5	2.7	243.2	<0.1	<0.5	0.2	2.9	22	<0.1	<0.1	0.2
625891	van08 4182	DDH 784-08-06	72.5	74.7	2.2	5.5	2	2.2	173.9	<0.1	0.7	0.1	2.2	14	<0.1	<0.1	0.3
625892	van08 4182	DDH 784-08-06	74.7	77.7	3.0	7.6	5	7.4	554.4	<0.1	<0.5	<0.1	2.5	34	<0.1	<0.1	0.2
625893	van08 4182	DDH 784-08-06	77.7	80.7	3.0	7.7	<2	<0.5	23.0	<0.1	<0.5	<0.1	1.6	11	<0.1	<0.1	0.1
625894	van08 4182	DDH 784-08-06	80.7	83.7	3.0	9.9	4	<0.5	36.9	<0.1	<0.5	0.2	1.5	23	<0.1	<0.1	0.1
625895	van08 4182	DDH 784-08-06	83.7	86.7	3.0	9.5	<2	<0.5	21.4	<0.1	<0.5	0.2	1.9	19	<0.1	<0.1	0.2
625896	van08 4182	DDH 784-08-06	86.7	89.3	2.6	7.0	<2	0.6	62.3	<0.1	<0.5	<0.1	1.5	19	<0.1	<0.1	0.1
625897	van08 4182	DDH 784-08-06	89.3	91.4	2.1	5.6	<2	<0.5	3.0	<0.1	<0.5	<0.1	0.3	21	<0.1	<0.1	0.3
625898	van08 4182	DDH 784-08-06	91.4	94.4	3.0	8.6	<2	<0.5	19.1	<0.1	<0.5	0.1	1.9	17	<0.1	<0.1	0.3
625899	van08 4182	DDH 784-08-06	94.4	97.4	3.0	7.1	<2	<0.5	4.2	<0.1	<0.5	<0.1	0.6	14	<0.1	<0.1	0.2
625901	van08 4182	DDH 784-08-06	97.4	100.4	3.0	8.6	<2	<0.5	41.4	<0.1	<0.5	0.1	1.0	23	<0.1	<0.1	0.2
625902	van08 4182	DDH 784-08-06	100.4	103.4	3.0	8.9	<2	6.1	186.0	<0.1	<0.5	<0.1	2.3	27	<0.1	<0.1	0.3
625903	van08 4182	DDH 784-08-06	103.4	106.4	3.0	8.0	<2	<0.5	28.9	<0.1	0.7	<0.1	3.2	24	<0.1	<0.1	0.6
625904	van08 4182	DDH 784-08-06	106.4	109.4	3.0	10.2	<2	<0.5	31.5	<0.1	0.5	<0.1	5.1	15	<0.1	<0.1	0.4
625905	van08 4182	DDH 784-08-06	109.4	112.4	3.0	6.4	<2	<0.5	47.9	<0.1	0.6	<0.1	3.3	23	<0.1	<0.1	1.2

APPENDIX II - DRILL CORE ANALYSES

Sample ID	1DX Ni PPM 0.1	1DX Co PPM 0.1	1DX Ba PPM 1	1DX W PPM 0.1	1DX Hg PPM 0.01	1DX Mn PPM 1	1DX Fe % 0.01	1DX U PPM 0.1	1DX Th PPM 0.1	1DX Sr PPM 1	1DX V PPM 2	1DX Ca % 0.01	1DX P % 0.001	1DX La PPM 1	1DX Cr PPM 1	1DX Mg % 0.01	1DX Ti % 0.001	1DX B PPM 20
625868	0.6	1.9	54	0.1	<0.01	553	0.90	1.1	4.0	42	27	1.27	0.031	13	1	0.07	0.003	<20
625869	0.4	2.2	120	0.1	<0.01	835	1.20	1.7	3.1	53	36	1.35	0.037	14	1	0.06	0.004	<20
625870	0.5	3.2	129	0.1	<0.01	824	1.16	1.4	3.2	52	36	1.20	0.033	13	1	0.10	0.003	<20
625871	0.4	2.1	41	<0.1	<0.01	548	1.11	1.4	3.6	57	37	1.46	0.033	12	1	0.08	0.003	<20
625872	0.8	2.1	88	0.1	<0.01	609	1.22	2.4	5.1	51	40	1.01	0.031	14	1	0.09	0.004	<20
625873	0.6	3.4	116	0.3	<0.01	791	1.37	1.4	3.1	65	55	1.00	0.041	17	1	0.21	0.012	<20
625874	0.6	1.8	83	0.3	<0.01	1251	0.68	1.0	1.7	123	23	3.03	0.027	9	2	0.15	0.003	<20
625875	0.4	1.8	76	0.3	<0.01	561	0.79	1.3	4.4	66	30	1.43	0.031	14	1	0.14	0.004	<20
625876	0.8	1.9	23	0.4	<0.01	671	0.93	1.4	3.9	77	38	2.14	0.036	21	2	0.17	0.006	<20
625877	0.6	3.6	61	0.2	<0.01	718	1.24	2.3	4.4	66	52	1.33	0.042	16	1	0.31	0.011	<20
625878	0.9	2.6	23	0.3	<0.01	573	1.37	1.6	3.6	57	53	1.32	0.033	15	3	0.21	0.008	<20
625879	1.4	3.0	17	0.3	<0.01	700	1.28	1.4	2.0	73	47	1.70	0.039	11	3	0.31	0.010	<20
625880	1.0	1.7	248	0.4	<0.01	391	0.91	1.0	2.0	49	46	1.27	0.026	13	2	0.15	0.004	<20
625881	0.8	1.9	839	0.3	<0.01	493	0.68	0.4	0.5	76	17	1.87	0.024	3	3	0.17	0.003	<20
625882	0.7	1.4	250	0.5	<0.01	635	0.58	0.4	0.6	67	13	2.25	0.024	4	2	0.10	0.003	<20
625883	1.0	3.1	91	0.4	<0.01	498	1.30	2.5	4.6	57	56	1.19	0.039	15	1	0.23	0.010	<20
625884	0.7	3.3	52	0.1	<0.01	595	1.57	1.4	3.7	63	61	0.95	0.039	15	<1	0.24	0.024	<20
625886	1.7	2.8	172	0.4	<0.01	737	1.06	1.2	4.0	51	32	1.25	0.037	16	3	0.14	0.005	<20
625887	0.9	3.1	152	0.4	<0.01	810	1.05	1.0	3.7	53	35	1.52	0.043	17	2	0.15	0.005	<20
625888	0.9	2.7	135	0.5	<0.01	624	1.03	1.4	4.3	49	35	1.22	0.037	17	1	0.15	0.005	<20
625889	0.7	2.3	128	0.3	<0.01	734	0.88	1.2	4.7	64	27	1.62	0.038	18	1	0.09	0.004	<20
625890	0.9	2.6	106	0.4	<0.01	505	1.23	3.5	8.7	62	50	1.33	0.044	22	1	0.16	0.007	<20
625891	0.9	2.0	163	0.4	<0.01	656	1.11	1.8	5.3	51	42	1.19	0.036	22	<1	0.09	0.005	<20
625892	0.4	3.0	87	0.2	<0.01	670	1.20	2.0	3.9	50	48	1.17	0.041	19	1	0.18	0.006	<20
625893	0.7	1.8	73	0.3	<0.01	444	1.07	1.4	3.9	66	45	1.48	0.035	15	1	0.13	0.004	<20
625894	0.7	3.0	21	0.3	<0.01	459	1.45	2.0	5.8	59	59	1.33	0.041	16	2	0.25	0.007	<20
625895	1.0	2.7	15	0.3	<0.01	424	1.36	5.3	10.1	56	61	1.44	0.033	16	2	0.24	0.008	<20
625896	0.6	2.4	163	0.2	<0.01	411	1.13	1.4	4.0	67	47	1.35	0.034	12	1	0.24	0.008	<20
625897	1.4	3.7	95	0.3	<0.01	536	1.12	0.5	1.5	58	37	1.61	0.065	9	4	0.43	0.003	<20
625898	0.9	2.1	161	0.3	<0.01	677	1.02	1.1	3.3	67	31	1.50	0.032	13	1	0.17	0.002	<20
625899	1.1	2.2	132	0.3	<0.01	545	0.97	0.6	2.2	66	33	1.67	0.052	10	4	0.30	0.003	<20
625901	1.5	3.2	92	0.3	<0.01	377	1.56	0.6	1.4	61	52	1.43	0.062	6	4	0.37	0.014	<20
625902	1.9	2.4	167	0.3	<0.01	591	1.29	0.7	1.3	113	43	1.91	0.060	6	3	0.29	0.018	<20
625903	1.1	2.2	252	0.3	<0.01	700	1.06	0.9	1.2	54	33	0.82	0.061	6	4	0.20	0.021	<20
625904	1.6	1.6	118	0.3	<0.01	335	0.88	0.6	1.2	69	32	0.99	0.057	5	4	0.28	0.038	<20
625905	1.5	2.2	244	0.3	<0.01	513	0.97	0.8	1.2	65	47	1.59	0.050	4	6	0.45	0.050	<20

APPENDIX II - DRILL CORE ANALYSES

Sample ID	1DX Al %	1DX Na %	1DX K %	1DX Sc PPM	1DX Tl PPM	1DX S %	1DX Ga PPM	1DX Se PPM
	0.01	0.001	0.01	0.1	0.1	0.05	1	0.5
625868	0.23	0.077	0.05	0.6	<0.1	<0.05	<1	<0.5
625869	0.33	0.097	0.12	0.7	<0.1	<0.05	1	<0.5
625870	0.32	0.057	0.11	0.5	<0.1	<0.05	1	<0.5
625871	0.30	0.099	0.08	0.6	<0.1	<0.05	1	<0.5
625872	0.28	0.059	0.08	0.5	<0.1	<0.05	1	<0.5
625873	0.49	0.066	0.11	0.6	<0.1	<0.05	3	<0.5
625874	0.29	0.077	0.03	1.2	<0.1	<0.05	1	<0.5
625875	0.33	0.067	0.05	0.6	<0.1	<0.05	1	<0.5
625876	0.33	0.104	0.04	0.7	<0.1	<0.05	2	<0.5
625877	0.54	0.071	0.11	0.7	<0.1	<0.05	3	<0.5
625878	0.37	0.095	0.08	0.6	<0.1	<0.05	2	<0.5
625879	0.38	0.085	0.03	1.7	<0.1	<0.05	2	<0.5
625880	0.24	0.119	0.03	1.0	<0.1	<0.05	1	<0.5
625881	0.27	0.069	0.06	1.6	<0.1	<0.05	<1	<0.5
625882	0.25	0.073	0.07	1.9	<0.1	<0.05	<1	<0.5
625883	0.42	0.070	0.08	1.0	<0.1	<0.05	2	<0.5
625884	0.52	0.087	0.09	0.9	0.1	<0.05	3	0.5
625886	0.36	0.091	0.07	0.8	<0.1	<0.05	1	<0.5
625887	0.35	0.098	0.05	1.0	<0.1	<0.05	1	<0.5
625888	0.33	0.073	0.06	0.8	<0.1	<0.05	2	<0.5
625889	0.25	0.088	0.05	0.8	<0.1	<0.05	<1	<0.5
625890	0.37	0.068	0.10	0.6	<0.1	<0.05	2	<0.5
625891	0.32	0.084	0.10	0.5	<0.1	<0.05	1	<0.5
625892	0.42	0.070	0.12	0.6	<0.1	<0.05	2	<0.5
625893	0.35	0.073	0.07	0.7	<0.1	<0.05	1	<0.5
625894	0.42	0.088	0.08	0.6	<0.1	<0.05	2	<0.5
625895	0.42	0.107	0.06	0.6	<0.1	<0.05	2	<0.5
625896	0.40	0.074	0.06	0.6	<0.1	<0.05	2	<0.5
625897	0.58	0.127	0.04	2.9	<0.1	<0.05	3	<0.5
625898	0.42	0.080	0.06	0.6	<0.1	<0.05	1	<0.5
625899	0.48	0.089	0.04	2.1	<0.1	<0.05	2	<0.5
625901	0.51	0.082	0.08	3.0	<0.1	<0.05	3	<0.5
625902	0.53	0.074	0.10	3.4	<0.1	<0.05	2	<0.5
625903	0.40	0.091	0.10	3.1	<0.1	<0.05	1	<0.5
625904	0.44	0.078	0.10	2.7	<0.1	<0.05	2	<0.5
625905	0.48	0.081	0.08	2.6	<0.1	<0.05	2	<0.5

APPENDIX II - DRILL CORE ANALYSES

Sample ID	Lab Report	Drill Hole	Interval from m	Interval to m	length m	Sample wt kg	3B Au PPB 2	1DX Au PPB 0.5	1DX Cu PPM 0.1	1DX Ag PPM 0.1	1DX As PPM 0.5	1DX Sb PPM 0.1	1DX Pb PPM 0.1	1DX Zn PPM 1	1DX Bi PPM 0.1	1DX Cd PPM 0.1	1DX Mo PPM 0.1
625906	van08 4182	DDH 784-08-06	112.4	115.4	3.0	8.8	<2	<0.5	11.5	<0.1	<0.5	<0.1	3.1	12	<0.1	<0.1	4.7
625907	a800339	DDH 784-08-06	115.4	118.4	3.0		10	2.8	174.7	<0.1	1.0	0.1	7.9	15	<0.1	<0.1	2.0
625908	van08 4182	DDH 784-08-06	118.4	121.4	3.0	10.0	<2	0.8	15.4	<0.1	0.5	<0.1	1.7	22	<0.1	<0.1	0.5
625909	van08 4182	DDH 784-08-06	121.4	124.8	3.4	9.6	<2	1.1	110.0	<0.1	<0.5	<0.1	5.7	24	<0.1	<0.1	1.6
625910	van08 4182	DDH 784-08-06	124.8	127.8	3.0	9.2	3	2.3	101.3	<0.1	<0.5	<0.1	6.6	23	<0.1	0.1	1.1
625911	van08 4182	DDH 784-08-06	127.8	130.8	3.0	9.6	<2	1.6	224.4	<0.1	0.6	<0.1	9.3	32	<0.1	0.2	1.1
625912	van08 4182	DDH 784-08-06	130.8	133.8	3.0	9.5	5	6.5	522.8	0.3	1.1	<0.1	7.7	14	<0.1	<0.1	1.9
625913	van08 4182	DDH 784-08-06	133.8	136.8	3.0	9.4	<2	2.2	302.6	0.1	1.1	0.2	4.7	21	<0.1	<0.1	0.9
625914	van08 4182	DDH 784-08-06	136.8	139.8	3.0	10.0	4	1.2	425.9	0.2	1.3	<0.1	7.9	17	<0.1	<0.1	1.7
625915	van08 4182	DDH 784-08-06	139.8	142.8	3.0	9.8	<2	1.8	147.4	0.1	1.1	<0.1	1.9	16	<0.1	<0.1	2.1
625916	van08 4182	DDH 784-08-06	142.8	145.8	3.0	9.7	3	4.3	783.8	0.2	0.7	<0.1	6.9	23	<0.1	0.1	0.6
625917	van08 4182	DDH 784-08-06	145.8	148.8	3.0	9.2	<2	1.2	152.0	<0.1	1.0	<0.1	3.9	14	<0.1	<0.1	1.1
625918	van08 4182	DDH 784-08-06	148.8	151.8	3.0	9.6	<2	1.8	198.1	0.1	1.0	<0.1	3.7	19	<0.1	<0.1	1.9
625919	van08 4182	DDH 784-08-06	151.8	154.8	3.0	9.6	4	3.3	731.4	0.2	0.7	<0.1	9.2	23	<0.1	0.2	0.4
625920	van08 4182	DDH 784-08-06	154.8	157.8	3.0	9.3	<2	1.2	65.5	<0.1	0.9	<0.1	2.7	16	<0.1	<0.1	0.9
625921	van08 4182	DDH 784-08-06	157.8	160.8	3.0	10.8	<2	4.4	273.2	0.2	0.8	<0.1	4.4	29	<0.1	0.2	0.7
625922	van08 4182	DDH 784-08-06	160.8	163.8	3.0	9.8	<2	2.9	1191.0	0.2	1.0	<0.1	8.7	28	<0.1	0.2	0.7
625923	van08 4182	DDH 784-08-06	163.8	166.8	3.0	9.8	<2	0.7	330.0	0.2	1.0	<0.1	3.2	13	<0.1	<0.1	0.7
625924	van08 4182	DDH 784-08-06	166.8	169.8	3.0	9.7	<2	1.6	553.7	0.4	<0.5	<0.1	3.0	11	<0.1	<0.1	1.4
625926	van08 4182	DDH 784-08-06	169.8	172.8	3.0	10.3	<2	3.1	848.5	1.0	1.1	<0.1	2.9	24	<0.1	0.1	1.6
625927	van08 4182	DDH 784-08-06	172.8	175.8	3.0	8.5	<2	1.3	222.9	0.2	0.8	<0.1	2.2	33	<0.1	0.2	1.2
625928	van08 4182	DDH 784-08-06	175.8	177.8	2.0	8.4	<2	1.0	89.3	<0.1	0.9	<0.1	2.5	25	<0.1	<0.1	0.7
625929	van08 4182	DDH 784-08-06	177.8	179.7	1.9	5.4	<2	0.9	73.4	<0.1	0.8	<0.1	3.8	21	<0.1	0.1	0.5
625930	van08 4182	DDH 784-08-06	179.7	182.8	3.1	7.4	<2	1.4	48.0	<0.1	0.7	<0.1	1.6	19	<0.1	<0.1	0.2
625931	van08 4182	DDH 784-08-06	182.8	185.8	3.0	9.1	2	1.8	143.7	<0.1	0.7	<0.1	5.6	28	<0.1	0.2	4.7
625932	van08 4182	DDH 784-08-06	185.8	188.8	3.0	6.4	3	3.8	406.8	0.2	0.8	0.2	5.3	32	<0.1	0.1	1.5
625933	van08 4182	DDH 784-08-06	188.8	191.8	3.0	6.6	<2	0.7	80.2	0.1	<0.5	0.1	14.2	40	<0.1	0.3	8.1
625934	van08 4182	DDH 784-08-06	191.8	194.8	3.0	8.4	5	1.8	506.9	0.3	0.6	<0.1	11.8	48	<0.1	0.6	1.9
625935	van08 4182	DDH 784-08-06	194.8	197.8	3.0	8.5	2	3.2	173.4	0.2	0.6	<0.1	8.9	48	<0.1	0.5	1.0
625936	van08 4182	DDH 784-08-06	197.8	200.8	3.0	8.3	5	3.9	304.7	0.1	0.6	<0.1	12.6	25	<0.1	0.2	1.4
625937	van08 4182	DDH 784-08-06	200.8	203.8	3.0	8.7	4	2.0	170.8	0.1	<0.5	<0.1	7.4	43	<0.1	0.6	2.2
625938	van08 4182	DDH 784-08-06	203.8	206.8	3.0	8.9	<2	0.6	79.0	<0.1	0.6	<0.1	4.7	21	<0.1	0.1	4.4
625939	van08 4182	DDH 784-08-06	206.8	209.8	3.0	6.9	5	1.5	164.9	0.1	0.6	<0.1	7.3	41	<0.1	0.5	2.5
625940	van08 4182	DDH 784-08-06	209.8	212.8	3.0	11.9	<2	2.0	190.3	0.1	<0.5	<0.1	6.5	34	<0.1	0.3	1.0
625941	van08 4182	DDH 784-08-06	212.8	215.8	3.0	8.8	<2	1.5	196.9	<0.1	<0.5	0.1	3.7	28	<0.1	0.1	0.3
625942	van08 4182	DDH 784-08-06	215.8	218.8	3.0	3.6	<2	<0.5	6.3	0.2	<0.5	0.1	2.6	19	<0.1	0.1	0.4

APPENDIX II - DRILL CORE ANALYSES

Sample ID	1DX Ni PPM 0.1	1DX Co PPM 0.1	1DX Ba PPM 1	1DX W PPM 0.1	1DX Hg PPM 0.01	1DX Mn PPM 1	1DX Fe % 0.01	1DX U PPM 0.1	1DX Th PPM 0.1	1DX Sr PPM 1	1DX V PPM 2	1DX Ca % 0.01	1DX P % 0.001	1DX La PPM 1	1DX Cr PPM 1	1DX Mg % 0.01	1DX Ti % 0.001	1DX B PPM 20
625906	1.4	1.4	75	0.3	<0.01	280	0.87	0.7	1.1	49	33	1.13	0.035	4	4	0.24	0.034	<20
625907	1.0	1.7	413	0.3	0.01	357	0.99	1.0	1.1	96	50	1.09	0.048	4	3	0.36	0.069	<20
625908	1.7	2.3	621	<0.1	<0.01	597	1.18	0.7	1.3	101	35	1.57	0.046	5	4	0.21	0.018	<20
625909	1.0	1.5	237	0.1	<0.01	555	0.79	0.8	1.2	66	39	1.18	0.047	4	4	0.20	0.034	<20
625910	0.9	1.8	72	0.2	<0.01	464	1.21	1.8	3.3	68	71	0.85	0.040	9	3	0.26	0.056	<20
625911	0.9	2.1	88	0.2	<0.01	546	0.91	2.3	3.5	57	52	1.12	0.038	9	2	0.20	0.029	<20
625912	1.0	1.7	103	0.4	<0.01	622	0.81	1.2	1.6	65	51	1.48	0.032	7	3	0.21	0.027	<20
625913	0.7	1.6	101	0.4	<0.01	528	1.00	0.8	1.2	66	46	1.59	0.045	6	2	0.15	0.013	<20
625914	1.3	1.8	572	0.2	<0.01	558	0.80	0.8	1.2	79	45	1.34	0.045	5	3	0.24	0.045	<20
625915	1.1	1.6	421	0.5	<0.01	480	0.93	0.9	1.3	66	51	1.11	0.044	5	4	0.28	0.061	<20
625916	1.0	2.0	212	<0.1	<0.01	316	0.98	1.0	1.7	59	51	0.67	0.023	8	2	0.13	0.018	<20
625917	0.7	1.2	190	0.3	<0.01	369	0.70	1.6	1.1	54	47	1.24	0.044	4	4	0.22	0.050	<20
625918	1.7	1.7	320	0.4	<0.01	467	0.98	1.5	2.0	74	92	1.83	0.035	7	4	0.24	0.033	<20
625919	0.6	2.2	200	0.1	<0.01	342	1.22	1.0	1.9	62	69	0.68	0.026	8	3	0.14	0.022	<20
625920	1.2	1.1	165	0.1	<0.01	361	0.86	1.0	1.4	46	38	0.97	0.041	4	4	0.20	0.040	<20
625921	1.4	2.1	248	0.2	<0.01	793	1.19	1.0	1.2	62	69	1.67	0.050	5	4	0.31	0.044	<20
625922	1.0	1.7	347	<0.1	0.01	495	0.85	0.9	1.7	50	38	1.13	0.034	5	3	0.23	0.023	<20
625923	1.1	1.5	279	0.2	<0.01	857	1.01	1.1	1.3	57	79	1.71	0.043	5	4	0.27	0.048	<20
625924	1.2	1.5	363	0.1	<0.01	678	0.79	1.5	1.2	65	44	1.44	0.046	5	6	0.28	0.047	<20
625926	1.6	2.5	598	<0.1	<0.01	953	1.04	0.9	1.4	65	34	1.74	0.038	6	4	0.36	0.015	<20
625927	1.2	2.3	1103	<0.1	<0.01	734	1.02	1.1	3.0	63	18	1.34	0.033	10	2	0.39	0.002	<20
625928	1.1	2.1	405	<0.1	<0.01	536	0.84	0.9	1.8	54	26	1.06	0.030	9	3	0.30	0.008	<20
625929	0.7	1.9	317	<0.1	<0.01	515	0.96	1.9	2.0	78	37	1.16	0.030	8	2	0.25	0.012	<20
625930	0.7	1.1	548	<0.1	<0.01	344	0.55	0.7	3.5	34	11	0.66	0.015	13	1	0.15	<0.001	<20
625931	0.5	1.3	217	<0.1	<0.01	394	0.68	1.7	2.2	69	25	0.90	0.023	10	2	0.18	0.004	<20
625932	0.3	1.5	606	0.1	<0.01	588	0.94	1.2	1.8	91	35	1.10	0.018	9	1	0.13	0.010	<20
625933	0.3	1.3	309	<0.1	<0.01	345	0.61	1.3	1.7	110	32	0.94	0.022	8	2	0.13	0.016	<20
625934	0.1	1.6	843	<0.1	<0.01	539	0.87	1.3	2.6	103	22	1.09	0.018	18	1	0.13	0.003	<20
625935	0.4	1.6	695	<0.1	<0.01	548	0.83	1.1	1.9	121	25	1.09	0.022	9	1	0.16	0.006	<20
625936	0.2	1.7	190	<0.1	<0.01	390	1.03	2.0	2.8	104	58	0.66	0.018	11	2	0.12	0.024	<20
625937	1.0	1.9	289	<0.1	<0.01	478	0.91	3.0	3.4	113	38	0.84	0.022	10	2	0.13	0.010	<20
625938	0.1	1.5	823	<0.1	<0.01	425	0.70	0.8	1.3	138	24	1.09	0.019	8	1	0.12	0.005	<20
625939	1.8	1.9	291	<0.1	<0.01	439	0.90	1.5	2.7	116	35	0.81	0.019	10	3	0.13	0.010	<20
625940	0.3	1.9	934	<0.1	<0.01	566	0.85	0.8	1.8	109	26	1.08	0.020	12	1	0.15	0.003	<20
625941	0.3	1.2	657	<0.1	<0.01	481	0.64	0.3	0.9	56	21	0.68	0.014	12	1	0.13	0.001	<20
625942	0.4	0.9	338	<0.1	<0.01	244	0.51	0.3	0.6	43	19	0.54	0.008	11	1	0.08	0.002	<20

APPENDIX II - DRILL CORE ANALYSES

Sample ID	1DX Al %	1DX Na %	1DX K %	1DX Sc PPM	1DX Tl PPM	1DX S %	1DX Ga PPM	1DX Se PPM
	0.01	0.001	0.01	0.1	0.1	0.05	1	0.5
625906	0.34	0.065	0.07	1.3	<0.1	<0.05	2	<0.5
625907	0.38	0.071	0.08	1.9	<0.1	<0.05	2	<0.5
625908	0.42	0.084	0.10	2.3	<0.1	<0.05	2	<0.5
625909	0.31	0.067	0.08	1.9	<0.1	<0.05	1	<0.5
625910	0.38	0.083	0.14	1.0	<0.1	<0.05	2	0.6
625911	0.31	0.051	0.11	1.0	<0.1	<0.05	2	<0.5
625912	0.31	0.065	0.11	1.5	<0.1	0.05	1	1.1
625913	0.29	0.046	0.08	2.5	<0.1	<0.05	1	<0.5
625914	0.29	0.070	0.11	1.7	<0.1	<0.05	1	<0.5
625915	0.31	0.067	0.10	1.5	<0.1	<0.05	1	<0.5
625916	0.26	0.065	0.11	0.6	<0.1	0.09	1	0.6
625917	0.28	0.060	0.11	1.0	<0.1	<0.05	1	<0.5
625918	0.33	0.061	0.11	1.2	<0.1	<0.05	2	<0.5
625919	0.25	0.063	0.11	0.6	<0.1	0.09	1	0.6
625920	0.32	0.060	0.09	1.0	<0.1	<0.05	1	0.5
625921	0.40	0.071	0.11	2.0	<0.1	<0.05	2	0.7
625922	0.23	0.058	0.10	1.3	<0.1	0.13	1	1.3
625923	0.26	0.051	0.09	1.8	<0.1	<0.05	1	<0.5
625924	0.33	0.070	0.10	1.7	<0.1	0.07	1	0.6
625926	0.22	0.055	0.10	2.3	<0.1	0.08	<1	0.6
625927	0.20	0.067	0.09	1.8	<0.1	<0.05	<1	<0.5
625928	0.21	0.066	0.10	1.6	<0.1	<0.05	<1	<0.5
625929	0.23	0.067	0.10	1.4	<0.1	<0.05	<1	<0.5
625930	0.12	0.049	0.06	0.6	<0.1	<0.05	<1	<0.5
625931	0.27	0.074	0.13	0.7	<0.1	<0.05	<1	<0.5
625932	0.31	0.051	0.15	0.4	<0.1	<0.05	1	<0.5
625933	0.29	0.068	0.13	0.6	<0.1	<0.05	1	<0.5
625934	0.23	0.050	0.14	0.4	<0.1	<0.05	<1	<0.5
625935	0.25	0.049	0.16	0.3	<0.1	<0.05	1	<0.5
625936	0.31	0.069	0.12	0.5	<0.1	<0.05	1	<0.5
625937	0.33	0.062	0.13	0.3	<0.1	<0.05	2	<0.5
625938	0.25	0.056	0.12	0.5	<0.1	<0.05	<1	<0.5
625939	0.36	0.078	0.15	0.3	<0.1	<0.05	1	<0.5
625940	0.24	0.057	0.11	0.5	<0.1	<0.05	<1	<0.5
625941	0.18	0.060	0.09	0.4	<0.1	<0.05	<1	<0.5
625942	0.14	0.060	0.08	0.3	<0.1	<0.05	<1	<0.5

APPENDIX II - DRILL CORE ANALYSES

Sample ID	Lab Report	Drill Hole	Interval from m	Interval to m	length m	Sample wt kg	3B Au PPB 2	1DX Au PPB 0.5	1DX Cu PPM 0.1	1DX Ag PPM 0.1	1DX As PPM 0.5	1DX Sb PPM 0.1	1DX Pb PPM 0.1	1DX Zn PPM 1	1DX Bi PPM 0.1	1DX Cd PPM 0.1	1DX Mo PPM 0.1
625943	van08 4182	DDH 784-08-06	218.8	221.8	3.0	6.4	<2	1.2	50.1	<0.1	<0.5	0.1	4.0	16	<0.1	0.1	0.6
625944	van08 4182	DDH 784-08-06	221.8	224.8	3.0	8.4	<2	<0.5	71.2	<0.1	<0.5	0.1	4.3	17	<0.1	<0.1	5.6
625945	van08 4182	DDH 784-08-06	224.8	227.8	3.0	9.5	<2	1.7	119.1	<0.1	<0.5	0.1	5.4	19	<0.1	0.2	5.2
625946	van08 4182	DDH 784-08-06	227.8	230.8	3.0	6.4	<2	2.5	57.7	<0.1	<0.5	0.1	5.0	18	<0.1	<0.1	5.2
625947	van08 4182	DDH 784-08-06	230.8	233.8	3.0	10.6	<2	2.4	362.9	0.2	<0.5	0.6	6.5	18	<0.1	0.1	4.2
625948	van08 4182	DDH 784-08-06	233.8	236.8	3.0	7.0	<2	1.6	249.8	0.2	<0.5	0.3	5.5	25	<0.1	<0.1	1.5
625949	van08 4182	DDH 784-08-06	236.8	239.8	3.0	8.8	<2	10.6	103.7	<0.1	<0.5	0.1	3.6	21	<0.1	<0.1	0.4
625951	van08 4182	DDH 784-08-06	239.8	242.8	3.0	10.5	<2	1.1	358.9	0.2	<0.5	0.1	4.6	25	<0.1	0.2	0.9
625952	van08 4182	DDH 784-08-06	242.8	245.8	3.0	10.9	<2	1.3	163.9	<0.1	<0.5	0.1	4.4	19	<0.1	<0.1	0.6
625953	van08 4182	DDH 784-08-06	245.8	248.8	3.0	8.7	4	2.7	197.5	<0.1	<0.5	0.3	4.1	13	<0.1	0.1	0.6
625954	van08 4182	DDH 784-08-06	248.8	251.8	3.0	10.5	7	6.7	358.0	0.2	<0.5	0.2	2.7	15	<0.1	<0.1	0.3
625955	van08 4182	DDH 784-08-06	251.8	254.8	3.0	9.3	5	3.4	250.9	0.2	<0.5	<0.1	1.6	9	<0.1	<0.1	0.3
625956	van08 4182	DDH 784-08-06	254.8	257.8	3.0	9.3	4	2.6	179.6	0.1	<0.5	<0.1	3.0	14	<0.1	<0.1	0.3
625957	van08 4182	DDH 784-08-06	257.8	260.8	3.0	8.4	6	2.8	79.6	0.8	<0.5	<0.1	2.9	16	<0.1	<0.1	1.0
625958	van08 4182	DDH 784-08-06	260.8	263.8	3.0	8.4	<2	2.9	447.5	0.3	<0.5	0.1	3.4	21	<0.1	0.1	1.9
625959	van08 4182	DDH 784-08-06	263.8	266.8	3.0	8.5	2	2.7	216.0	0.1	<0.5	0.2	3.5	15	<0.1	0.1	0.6
625960	van08 4182	DDH 784-08-06	266.8	269.8	3.0	10.2	<2	1.6	114.4	<0.1	<0.5	<0.1	3.4	13	<0.1	<0.1	1.0
625961	van08 4182	DDH 784-08-06	269.8	272.8	3.0	8.8	<2	1.4	100.4	<0.1	<0.5	0.1	2.6	15	<0.1	<0.1	0.8
625962	van08 4182	DDH 784-08-06	272.8	275.8	3.0	9.0	<2	1.7	35.1	<0.1	<0.5	0.1	2.3	12	<0.1	<0.1	0.3
625963	van08 4182	DDH 784-08-06	275.8	278.8	3.0	8.5	<2	0.7	80.4	<0.1	<0.5	0.1	2.1	11	<0.1	<0.1	0.3
625964	van08 4182	DDH 784-08-06	278.8	281.8	3.0	9.5	<2	1.9	253.5	0.1	<0.5	1.8	3.4	19	<0.1	<0.1	1.3
625965	van08 4182	DDH 784-08-06	281.8	284.8	3.0	7.8	<2	2.1	45.3	<0.1	<0.5	0.2	1.8	7	<0.1	<0.1	0.3
625966	van08 4182	DDH 784-08-06	284.8	287.8	3.0	7.6	<2	<0.5	37.8	<0.1	0.6	0.4	3.2	15	<0.1	0.1	0.3
625967	van08 4182	DDH 784-08-06	287.8	291.0	3.2	9.2	<2	1.7	43.4	<0.1	<0.5	0.1	3.2	12	<0.1	0.2	1.0
625968	van08 4182	DDH 784-08-07	9.1	12.0	2.9	7.0	8	46.5	312.1	0.3	0.8	0.2	3.7	49	<0.1	0.1	0.5
625969	van08 4182	DDH 784-08-07	12.0	15.0	3.0	9.4	6	4.8	496.6	0.4	0.8	0.1	4.1	69	<0.1	0.2	0.6
625970	a800339	DDH 784-08-07	15.0	18.0	3.0		20	8.5	837.7	0.6	1.6	0.1	11.9	73	0.1	0.4	0.4
625971	van08 4182	DDH 784-08-07	18.0	21.0	3.0	8.5	11	10.1	611.0	0.5	0.7	0.2	4.6	54	<0.1	0.3	0.5
625972	van08 4182	DDH 784-08-07	21.0	24.0	3.0	8.5	4	3.0	258.3	0.2	1.3	0.2	3.4	59	<0.1	0.3	0.6
625973	van08 4182	DDH 784-08-07	24.0	27.0	3.0	7.7	7	4.9	354.4	0.3	0.6	0.1	3.3	56	<0.1	0.2	0.4
625974	van08 4182	DDH 784-08-07	27.0	30.0	3.0	11.0	5	4.1	375.8	0.3	0.9	0.1	4.0	54	<0.1	0.3	0.7
625975	van08 4182	DDH 784-08-07	30.0	33.0	3.0	8.5	4	4.7	383.8	0.3	<0.5	0.1	3.7	52	<0.1	0.2	0.4
625976	van08 4182	DDH 784-08-07	33.0	36.0	3.0	9.0	6	10.3	434.7	0.3	1.3	<0.1	4.8	61	<0.1	0.3	1.2
625977	van08 4182	DDH 784-08-07	36.0	39.0	3.0	9.4	5	6.9	525.1	0.4	1.2	<0.1	4.8	67	<0.1	0.3	0.5
625978	van08 4182	DDH 784-08-07	39.0	42.0	3.0	8.0	9	10.4	548.6	0.6	1.9	0.1	8.4	82	0.1	0.3	0.4

APPENDIX II - DRILL CORE ANALYSES

Sample ID	1DX Ni PPM 0.1	1DX Co PPM 0.1	1DX Ba PPM 1	1DX W PPM 0.1	1DX Hg PPM 0.01	1DX Mn PPM 1	1DX Fe % 0.01	1DX U PPM 0.1	1DX Th PPM 0.1	1DX Sr PPM 1	1DX V PPM 2	1DX Ca % 0.01	1DX P % 0.001	1DX La PPM 1	1DX Cr PPM 1	1DX Mg % 0.01	1DX Ti % 0.001	1DX B PPM 20
625943	0.7	1.1	335	<0.1	<0.01	363	0.65	0.5	1.0	68	33	0.70	0.011	10	2	0.08	0.004	<20
625944	0.7	0.6	60	<0.1	<0.01	251	0.60	0.8	1.8	41	37	0.43	0.006	10	2	0.04	0.006	<20
625945	1.0	0.9	96	<0.1	0.01	316	0.64	0.7	1.7	62	38	0.65	0.015	13	2	0.06	0.007	<20
625946	0.6	0.9	122	<0.1	<0.01	337	0.67	0.6	1.1	50	33	0.59	0.008	11	2	0.05	0.004	<20
625947	1.2	0.8	364	<0.1	0.01	437	0.54	1.0	2.1	68	18	0.61	0.007	10	2	0.06	0.002	<20
625948	1.4	1.1	150	<0.1	<0.01	372	0.58	1.6	4.3	63	21	0.63	0.009	15	3	0.08	0.001	<20
625949	0.5	0.9	192	<0.1	<0.01	345	0.62	0.7	0.8	51	18	0.52	0.009	11	1	0.07	0.001	<20
625951	1.0	0.9	21	<0.1	0.01	272	0.76	1.3	2.0	24	35	0.33	0.004	16	3	0.03	0.009	<20
625952	0.6	0.8	48	<0.1	<0.01	349	0.61	0.8	1.4	32	26	0.42	0.006	12	2	0.05	0.003	<20
625953	1.0	1.0	118	<0.1	<0.01	371	0.65	1.7	1.7	43	46	0.58	0.007	11	2	0.06	0.004	<20
625954	0.7	0.8	341	<0.1	0.01	474	0.67	0.6	1.8	53	37	0.58	0.007	13	1	0.06	0.005	<20
625955	0.9	0.8	462	<0.1	<0.01	377	0.57	1.0	2.2	52	25	0.54	0.007	10	2	0.06	0.003	<20
625956	0.5	0.9	376	<0.1	<0.01	371	0.57	0.8	1.5	51	27	0.59	0.009	13	1	0.07	0.003	<20
625957	0.7	1.1	117	0.1	<0.01	389	0.71	1.2	2.0	42	33	0.50	0.008	13	2	0.06	0.005	<20
625958	0.7	1.3	154	<0.1	<0.01	327	0.78	1.1	2.2	46	29	0.53	0.009	13	2	0.09	0.002	<20
625959	1.2	1.1	115	<0.1	0.01	275	0.75	1.0	0.8	79	44	0.56	0.010	11	2	0.05	0.010	<20
625960	1.2	1.1	938	<0.1	0.02	299	0.74	0.6	0.8	125	52	0.61	0.010	8	3	0.06	0.021	<20
625961	1.2	1.2	359	<0.1	<0.01	367	0.69	0.7	1.1	99	38	0.81	0.010	10	3	0.07	0.009	<20
625962	0.8	1.2	656	<0.1	0.01	314	0.69	0.6	1.0	97	41	0.67	0.011	9	2	0.08	0.015	<20
625963	1.1	0.9	762	<0.1	<0.01	372	0.60	0.6	0.7	103	34	0.67	0.010	9	2	0.05	0.008	<20
625964	0.4	1.1	407	<0.1	0.01	383	0.67	0.9	0.7	78	27	0.65	0.011	10	1	0.08	0.003	<20
625965	1.3	0.9	195	<0.1	<0.01	332	0.57	0.6	0.8	99	30	0.72	0.011	9	2	0.05	0.005	<20
625966	1.1	1.0	550	<0.1	<0.01	308	0.60	0.7	1.6	105	31	0.64	0.011	10	2	0.08	0.009	<20
625967	1.3	1.2	204	<0.1	<0.01	354	0.68	0.4	0.8	104	38	0.72	0.011	9	2	0.05	0.011	<20
625968	0.8	3.4	43	0.1	0.01	707	1.44	1.3	2.9	549	70	1.11	0.050	11	2	0.22	0.023	<20
625969	1.1	3.5	48	0.1	0.02	937	1.43	1.8	3.0	684	78	1.03	0.049	10	2	0.22	0.041	<20
625970	0.7	4.1	77	0.1	0.04	964	1.61	2.8	4.9	470	84	1.11	0.046	12	<1	0.23	0.063	<20
625971	1.0	3.3	46	0.1	0.04	755	1.31	1.9	3.3	463	66	0.92	0.043	10	2	0.20	0.030	<20
625972	1.3	3.6	55	0.2	0.04	918	1.43	2.3	3.9	626	79	1.13	0.045	11	3	0.20	0.042	<20
625973	0.7	3.3	40	0.2	0.02	780	1.41	2.0	3.6	486	69	1.05	0.047	10	2	0.20	0.019	<20
625974	1.2	3.1	52	0.2	0.03	848	1.37	1.6	2.8	579	77	0.91	0.042	10	2	0.21	0.039	<20
625975	0.6	3.2	42	0.1	0.02	745	1.30	1.7	2.7	445	68	0.84	0.043	9	2	0.20	0.026	<20
625976	1.1	3.8	60	0.4	0.01	859	1.49	1.9	2.8	563	82	0.96	0.045	11	3	0.21	0.064	<20
625977	1.3	3.9	52	<0.1	0.01	840	1.49	2.3	3.9	454	74	0.73	0.049	12	3	0.23	0.041	<20
625978	0.9	4.3	48	<0.1	0.02	1085	1.66	1.7	2.7	303	81	1.14	0.050	11	2	0.28	0.036	<20

APPENDIX II - DRILL CORE ANALYSES

Sample ID	1DX Al %	1DX Na %	1DX K %	1DX Sc PPM	1DX Tl PPM	1DX S %	1DX Ga PPM	1DX Se PPM
	0.01	0.001	0.01	0.1	0.1	0.05	1	0.5
625943	0.17	0.056	0.09	0.3	<0.1	<0.05	<1	<0.5
625944	0.16	0.056	0.09	0.1	<0.1	<0.05	<1	<0.5
625945	0.17	0.056	0.08	0.3	<0.1	<0.05	<1	<0.5
625946	0.14	0.051	0.08	0.3	<0.1	<0.05	<1	<0.5
625947	0.17	0.047	0.11	0.1	<0.1	<0.05	<1	<0.5
625948	0.19	0.050	0.09	0.2	<0.1	<0.05	<1	<0.5
625949	0.16	0.048	0.09	0.2	<0.1	<0.05	<1	<0.5
625951	0.15	0.061	0.08	0.2	<0.1	<0.05	<1	<0.5
625952	0.13	0.060	0.08	0.2	<0.1	<0.05	<1	<0.5
625953	0.14	0.054	0.08	0.2	<0.1	<0.05	<1	<0.5
625954	0.13	0.051	0.07	0.3	<0.1	<0.05	<1	0.7
625955	0.15	0.057	0.07	0.2	<0.1	<0.05	<1	<0.5
625956	0.13	0.050	0.06	0.3	<0.1	<0.05	<1	<0.5
625957	0.18	0.065	0.09	0.3	<0.1	<0.05	<1	<0.5
625958	0.18	0.057	0.07	0.3	<0.1	<0.05	<1	<0.5
625959	0.22	0.061	0.07	0.3	<0.1	<0.05	<1	0.6
625960	0.21	0.058	0.07	0.4	<0.1	<0.05	<1	0.5
625961	0.19	0.062	0.07	0.5	<0.1	<0.05	<1	<0.5
625962	0.19	0.057	0.07	0.4	<0.1	<0.05	<1	<0.5
625963	0.17	0.054	0.07	0.3	<0.1	<0.05	<1	<0.5
625964	0.19	0.051	0.06	0.4	<0.1	<0.05	<1	0.6
625965	0.17	0.051	0.06	0.3	<0.1	<0.05	<1	<0.5
625966	0.20	0.056	0.08	0.4	<0.1	<0.05	<1	<0.5
625967	0.22	0.058	0.08	0.4	<0.1	<0.05	<1	<0.5
625968	1.18	0.445	0.21	1.0	<0.1	<0.05	3	0.6
625969	1.28	0.604	0.21	0.8	<0.1	<0.05	3	<0.5
625970	1.22	0.411	0.25	1.2	<0.1	<0.05	4	0.7
625971	0.99	0.395	0.20	0.9	<0.1	<0.05	3	0.6
625972	1.23	0.531	0.26	0.9	<0.1	<0.05	3	<0.5
625973	0.91	0.263	0.16	1.0	<0.1	<0.05	3	0.6
625974	1.24	0.558	0.25	0.9	<0.1	<0.05	3	<0.5
625975	1.00	0.431	0.16	0.9	<0.1	<0.05	3	<0.5
625976	1.55	0.799	0.30	0.8	<0.1	<0.05	3	<0.5
625977	1.19	0.522	0.21	0.9	<0.1	<0.05	3	0.7
625978	1.54	0.680	0.16	0.9	<0.1	<0.05	4	0.8

APPENDIX II - DRILL CORE ANALYSES

Sample ID	Lab Report	Drill Hole	Interval from m	Interval to m	length m	Sample wt kg	3B Au PPB 2	1DX Au PPB 0.5	1DX Cu PPM 0.1	1DX Ag PPM 0.1	1DX As PPM 0.5	1DX Sb PPM 0.1	1DX Pb PPM 0.1	1DX Zn PPM 1	1DX Bi PPM 0.1	1DX Cd PPM 0.1	1DX Mo PPM 0.1
625979	van08 4182	DDH 784-08-07	42.0	45.0	3.0	5.3	12	12.3	774.8	0.6	2.0	<0.1	8.8	83	0.1	0.5	1.1
625981	van08 4182	DDH 784-08-07	45.0	48.0	3.0	9.1	11	12.1	745.1	0.7	1.4	<0.1	6.7	66	0.1	0.3	0.9
625982	van08 4182	DDH 784-08-07	48.0	51.0	3.0	9.7	8	7.5	544.0	0.4	1.3	<0.1	5.6	69	<0.1	0.2	1.5
625983	van08 4182	DDH 784-08-07	51.0	54.0	3.0	9.8	12	23.7	1250.0	1.0	1.9	<0.1	11.4	79	0.2	0.3	0.5
625984	van08 4182	DDH 784-08-07	54.0	57.0	3.0	9.8	19	22.7	1758.0	1.3	1.6	0.2	12.6	106	0.3	0.8	0.6
625985	van08 4182	DDH 784-08-07	57.0	60.0	3.0	9.2	9	6.6	524.2	0.5	1.3	<0.1	6.4	69	<0.1	0.2	0.7
625986	van08 4182	DDH 784-08-07	60.0	63.0	3.0	9.0	10	20.8	757.0	0.5	1.7	0.2	9.3	79	0.1	0.3	0.4
625987	van08 4182	DDH 784-08-07	63.0	66.0	3.0	8.0	7	7.9	636.2	0.4	1.1	0.1	5.9	73	<0.1	0.3	0.5
625988	van08 4182	DDH 784-08-07	66.0	69.0	3.0	8.7	6	6.2	542.0	0.5	0.7	<0.1	4.2	68	0.1	0.2	0.4
625989	van08 4182	DDH 784-08-07	69.0	72.0	3.0	9.3	17	15.9	1335.0	0.9	0.9	<0.1	7.0	83	0.3	0.5	0.8
625990	van08 4182	DDH 784-08-07	72.0	75.0	3.0	8.7	25	13.5	1458.0	0.9	1.1	0.3	7.2	88	0.2	0.5	0.9
625991	van08 4182	DDH 784-08-07	75.0	78.0	3.0	9.0	18	18.6	1302.0	1.0	1.0	<0.1	5.5	81	0.2	0.6	0.9
625992	van08 4182	DDH 784-08-07	78.0	81.0	3.0	8.7	14	6.6	1289.0	1.0	0.8	<0.1	4.6	67	0.3	0.5	0.7
625993	van08 4182	DDH 784-08-07	81.0	84.0	3.0	9.5	5	2.8	457.5	0.3	0.6	<0.1	3.8	63	0.1	0.2	0.9
625994	van08 4182	DDH 784-08-07	84.0	87.0	3.0	9.4	10	16.9	772.8	0.6	0.9	<0.1	4.4	69	0.1	0.4	1.0
625995	van08 4182	DDH 784-08-07	87.0	90.0	3.0	9.6	13	9.5	1229.0	0.8	0.7	<0.1	4.5	79	0.2	0.5	0.6
625996	van08 4182	DDH 784-08-07	90.0	93.0	3.0	8.5	8	11.0	748.1	0.8	1.1	0.2	6.1	79	0.3	0.3	1.0
625997	van08 4182	DDH 784-08-07	93.0	96.0	3.0	7.9	7	2.8	617.0	0.6	1.7	0.2	8.9	84	<0.1	0.3	0.8
625998	van08 4182	DDH 784-08-07	96.0	99.0	3.0	9.7	6	5.4	1114.0	0.8	1.8	<0.1	5.6	98	<0.1	0.7	0.6
625999	van08 4182	DDH 784-08-07	99.0	102.0	3.0	9.4	5	5.9	1064.0	0.5	1.0	<0.1	4.6	72	<0.1	0.5	1.2
798501	van08 4182	DDH 784-08-07	102.0	105.0	3.0	8.5	7	8.2	877.8	0.6	0.7	<0.1	3.6	71	<0.1	0.4	1.0
798502	van08 4182	DDH 784-08-07	105.0	108.0	3.0	9.9	9	4.3	712.2	0.4	1.1	<0.1	3.3	65	<0.1	0.4	1.0
798503	van08 4182	DDH 784-08-07	108.0	111.0	3.0	9.9	6	4.4	670.2	0.4	1.0	<0.1	4.1	63	<0.1	0.3	1.2
798505	van08 4174	DDH 784-08-07	111.0	114.0	3.0	8.9	17	11.2	1532.4	1.2	4.2	7.0	6.0	66	0.2	0.5	0.9
798506	van08 4174	DDH 784-08-07	114.0	117.0	3.0	10.3	10	8.2	455.2	0.4	1.8	<0.1	3.9	49	<0.1	0.1	2.9
798507	van08 4174	DDH 784-08-07	117.0	120.0	3.0	9.7	14	16.5	712.6	0.8	1.6	<0.1	4.4	55	<0.1	0.2	2.9
798508	van08 4174	DDH 784-08-07	120.0	123.0	3.0	9.3	9	4.5	470.2	0.4	2.0	0.2	4.5	52	<0.1	0.1	2.1
798509	van08 4174	DDH 784-08-07	123.0	126.0	3.0	9.2	10	8.0	528.2	0.5	1.6	0.2	5.0	50	<0.1	0.1	0.8
798510	van08 4174	DDH 784-08-07	126.0	129.0	3.0	9.8	9	2.1	615.7	0.5	1.8	1.3	6.1	61	<0.1	0.3	1.0
798511	van08 4174	DDH 784-08-07	129.0	132.0	3.0	9.9	8	5.4	619.0	0.6	1.7	0.3	5.9	52	0.2	0.2	0.9
798512	van08 4174	DDH 784-08-07	132.0	135.0	3.0	9.3	10	10.5	602.8	0.4	1.6	0.7	6.6	53	<0.1	0.2	1.0
798513	van08 4174	DDH 784-08-07	135.0	138.0	3.0	9.6	7	4.4	399.8	0.3	1.8	1.5	5.2	49	<0.1	0.2	0.8
798514	van08 4174	DDH 784-08-07	138.0	141.0	3.0	9.2	8	5.4	823.7	0.5	1.4	0.4	5.0	43	<0.1	0.1	0.4
798515	van08 4174	DDH 784-08-07	141.0	144.0	3.0	9.8	8	3.0	488.4	0.4	1.7	0.2	4.5	53	<0.1	0.2	1.0
798516	van08 4174	DDH 784-08-07	144.0	147.0	3.0	9.4	9	3.7	438.2	0.3	1.4	0.1	4.2	49	<0.1	0.2	1.0
798517	van08 4174	DDH 784-08-07	147.0	150.0	3.0	9.9	10	12.3	759.0	0.7	1.6	<0.1	4.7	58	0.1	0.4	0.9

APPENDIX II - DRILL CORE ANALYSES

Sample ID	1DX Ni PPM 0.1	1DX Co PPM 0.1	1DX Ba PPM 1	1DX W PPM 0.1	1DX Hg PPM 0.01	1DX Mn PPM 1	1DX Fe % 0.01	1DX U PPM 0.1	1DX Th PPM 0.1	1DX Sr PPM 1	1DX V PPM 2	1DX Ca % 0.01	1DX P % 0.001	1DX La PPM 1	1DX Cr PPM 1	1DX Mg % 0.01	1DX Ti % 0.001	1DX B PPM 20
625979	1.1	4.2	66	0.2	0.03	1208	1.72	2.0	2.9	237	100	1.27	0.046	11	3	0.25	0.064	<20
625981	0.9	3.7	60	0.2	0.01	799	1.46	1.7	2.8	401	78	0.87	0.047	10	3	0.21	0.058	<20
625982	1.8	4.1	61	0.3	<0.01	899	1.73	2.0	3.3	480	93	1.07	0.054	12	4	0.24	0.071	<20
625983	0.9	4.4	42	0.2	0.01	1102	1.61	1.5	2.4	391	94	1.33	0.047	11	2	0.25	0.060	<20
625984	1.2	4.6	43	0.2	0.02	1079	1.58	1.5	2.2	299	88	1.21	0.045	11	2	0.25	0.053	<20
625985	0.7	4.1	46	0.2	<0.01	950	1.53	1.4	2.1	441	86	1.08	0.048	11	2	0.24	0.056	<20
625986	1.1	4.1	42	0.1	<0.01	1000	1.60	1.7	2.0	232	82	1.44	0.045	11	1	0.26	0.046	<20
625987	0.9	3.9	46	0.1	<0.01	911	1.58	1.6	2.1	323	81	0.97	0.046	10	1	0.24	0.045	<20
625988	0.8	4.1	42	<0.1	<0.01	1014	1.61	1.9	2.6	394	91	1.02	0.049	11	2	0.24	0.046	<20
625989	1.0	4.7	49	0.2	<0.01	1026	1.65	1.3	2.0	360	83	0.69	0.053	11	2	0.26	0.071	<20
625990	1.4	4.9	52	0.2	0.01	1110	1.83	1.5	1.8	242	104	0.82	0.054	12	2	0.27	0.070	<20
625991	0.9	4.2	52	0.2	<0.01	1008	1.72	1.1	1.7	219	96	0.73	0.046	10	2	0.22	0.065	<20
625992	0.7	3.7	46	0.2	<0.01	1007	1.50	1.1	1.7	240	90	0.73	0.044	9	2	0.19	0.065	<20
625993	0.8	3.5	45	0.3	<0.01	915	1.51	0.9	1.7	367	78	0.71	0.046	9	2	0.21	0.065	<20
625994	1.0	4.0	49	0.2	<0.01	1024	1.67	0.9	1.6	398	87	0.74	0.051	10	2	0.22	0.068	<20
625995	1.0	4.5	55	0.2	<0.01	1165	1.85	1.1	1.7	257	96	1.00	0.055	11	2	0.23	0.064	<20
625996	1.1	4.3	51	0.1	<0.01	1054	1.78	1.6	2.0	217	100	0.98	0.051	11	2	0.22	0.050	<20
625997	1.2	4.3	54	0.1	<0.01	1024	1.64	1.7	2.0	274	83	1.02	0.051	11	2	0.27	0.056	<20
625998	0.7	4.2	42	0.1	0.01	1056	1.58	1.4	1.4	257	85	0.99	0.050	9	1	0.26	0.057	<20
625999	1.4	4.0	60	0.3	<0.01	911	1.66	1.0	1.6	320	86	0.80	0.051	10	2	0.22	0.064	<20
798501	1.2	3.9	48	0.2	<0.01	970	1.71	1.0	1.9	320	89	1.00	0.049	10	2	0.22	0.058	<20
798502	0.9	3.8	46	0.2	<0.01	910	1.58	1.2	1.9	611	86	0.78	0.049	9	2	0.20	0.064	<20
798503	1.0	3.8	50	0.3	<0.01	931	1.62	1.3	2.0	416	90	0.87	0.044	9	2	0.21	0.056	<20
798505	0.8	3.8	40	0.3	0.19	794	1.48	1.5	2.5	400	85	0.88	0.044	11	2	0.21	0.057	<20
798506	1.9	3.7	52	0.7	<0.01	716	1.60	1.5	2.1	404	101	0.75	0.047	11	7	0.22	0.069	<20
798507	0.9	3.4	54	0.9	0.02	747	1.48	2.7	4.1	275	89	0.73	0.048	11	3	0.21	0.072	<20
798508	1.8	3.7	51	0.7	0.04	763	1.48	3.6	5.3	254	74	0.81	0.048	12	6	0.22	0.067	<20
798509	1.0	3.5	38	0.3	0.03	762	1.48	1.9	3.5	177	81	0.98	0.047	12	2	0.21	0.057	<20
798510	1.4	3.6	46	0.3	0.11	813	1.51	2.5	4.0	183	83	1.02	0.045	11	5	0.22	0.058	<20
798511	0.8	3.3	37	0.3	0.04	781	1.36	1.9	3.3	213	77	0.89	0.046	11	1	0.22	0.051	<20
798512	0.6	3.3	39	0.5	0.03	813	1.32	2.1	3.6	203	81	1.22	0.044	11	1	0.22	0.053	<20
798513	0.9	3.2	41	0.3	0.07	776	1.43	1.7	3.1	217	86	0.86	0.044	11	4	0.20	0.053	<20
798514	0.7	2.6	28	0.1	0.08	621	1.37	2.1	4.5	725	72	0.71	0.028	11	2	0.15	0.045	<20
798515	1.1	3.6	42	0.4	0.02	796	1.49	1.9	3.0	228	90	0.81	0.045	11	5	0.22	0.064	<20
798516	0.7	3.3	40	0.3	<0.01	714	1.38	1.7	2.9	193	80	0.71	0.044	11	2	0.21	0.061	<20
798517	1.5	3.7	54	0.3	<0.01	782	1.50	2.2	3.8	223	82	0.71	0.048	12	6	0.21	0.070	<20

APPENDIX II - DRILL CORE ANALYSES

Sample ID	1DX Al %	1DX Na %	1DX K %	1DX Sc PPM	1DX Tl PPM	1DX S %	1DX Ga PPM	1DX Se PPM
	0.01	0.001	0.01	0.1	0.1	0.05	1	0.5
625979	1.72	0.949	0.22	0.9	<0.1	<0.05	5	0.7
625981	1.48	0.832	0.24	0.7	<0.1	<0.05	3	0.5
625982	1.71	0.986	0.30	1.0	<0.1	<0.05	4	<0.5
625983	1.59	0.838	0.19	0.9	<0.1	0.07	4	0.7
625984	1.27	0.596	0.18	1.0	<0.1	0.09	4	1.1
625985	1.57	0.867	0.23	0.9	<0.1	<0.05	4	<0.5
625986	1.23	0.601	0.17	0.9	<0.1	<0.05	4	0.6
625987	1.27	0.604	0.16	0.8	<0.1	<0.05	4	<0.5
625988	1.07	0.370	0.22	1.1	<0.1	<0.05	3	<0.5
625989	1.38	0.627	0.27	0.9	<0.1	0.07	3	1.1
625990	1.25	0.572	0.28	1.1	<0.1	0.09	4	1.2
625991	1.36	0.718	0.27	0.9	<0.1	0.07	4	0.9
625992	1.10	0.519	0.25	0.7	<0.1	0.08	3	1.0
625993	1.39	0.648	0.30	0.8	<0.1	<0.05	3	<0.5
625994	1.39	0.672	0.28	0.8	<0.1	<0.05	3	0.5
625995	1.15	0.556	0.25	1.0	<0.1	0.07	3	0.8
625996	1.29	0.693	0.23	0.9	<0.1	<0.05	4	0.5
625997	1.50	0.770	0.22	0.8	<0.1	<0.05	4	0.8
625998	1.46	0.818	0.18	0.9	<0.1	0.09	4	0.9
625999	1.45	0.788	0.26	0.8	<0.1	0.09	4	1.0
798501	1.15	0.536	0.24	0.8	<0.1	0.07	3	0.9
798502	1.48	0.714	0.26	0.7	<0.1	<0.05	3	0.5
798503	1.33	0.652	0.24	0.8	<0.1	<0.05	3	0.6
798505	1.26	0.565	0.26	0.9	<0.1	0.09	3	1.3
798506	1.66	0.808	0.32	0.9	<0.1	<0.05	4	<0.5
798507	1.38	0.670	0.28	0.9	<0.1	<0.05	3	<0.5
798508	1.16	0.524	0.24	0.9	<0.1	<0.05	3	0.7
798509	1.03	0.504	0.18	0.9	<0.1	<0.05	3	<0.5
798510	0.84	0.388	0.19	0.9	<0.1	<0.05	3	<0.5
798511	0.88	0.410	0.16	0.9	<0.1	<0.05	3	0.8
798512	0.74	0.307	0.17	0.8	<0.1	<0.05	3	0.7
798513	0.71	0.292	0.19	0.9	<0.1	<0.05	3	<0.5
798514	0.89	0.390	0.16	0.5	<0.1	0.06	3	0.6
798515	1.00	0.459	0.23	0.9	<0.1	<0.05	3	<0.5
798516	0.92	0.412	0.19	0.7	<0.1	<0.05	3	<0.5
798517	1.07	0.483	0.24	0.8	<0.1	<0.05	3	<0.5

APPENDIX II - DRILL CORE ANALYSES

Sample ID	Lab Report	Drill Hole	Interval from m	Interval to m	length m	Sample wt kg	3B Au PPB 2	1DX Au PPB 0.5	1DX Cu PPM 0.1	1DX Ag PPM 0.1	1DX As PPM 0.5	1DX Sb PPM 0.1	1DX Pb PPM 0.1	1DX Zn PPM 1	1DX Bi PPM 0.1	1DX Cd PPM 0.1	1DX Mo PPM 0.1
798518	van08 4174	DDH 784-08-07	150.0	153.0	3.0	10.1	5	2.3	448.1	0.4	1.7	0.3	4.9	47	0.1	0.1	1.1
798519	van08 4174	DDH 784-08-07	153.0	156.0	3.0	10.0	10	5.5	1136.4	0.7	1.5	<0.1	4.9	58	0.2	0.4	1.2
798520	van08 4174	DDH 784-08-07	156.0	159.0	3.0	9.5	7	3.0	490.4	0.4	1.4	0.1	3.4	45	<0.1	0.2	2.3
798521	van08 4174	DDH 784-08-07	159.0	162.0	3.0	9.3	11	18.6	591.1	0.7	1.7	1.1	4.1	49	<0.1	0.2	1.6
798522	van08 4174	DDH 784-08-07	162.0	165.0	3.0	9.2	18	24.8	615.3	0.5	1.8	0.3	4.3	50	<0.1	0.1	1.9
798523	van08 4174	DDH 784-08-07	165.0	168.0	3.0	10.1	12	7.7	463.7	0.4	1.5	0.2	4.0	44	<0.1	0.2	1.2
798524	van08 4174	DDH 784-08-07	168.0	171.0	3.0	9.6	23	17.5	1156.6	0.9	1.2	<0.1	4.6	66	0.1	0.4	1.3
798525	van08 4174	DDH 784-08-07	171.0	173.0	2.0	6.0	20	8.7	894.3	0.5	1.5	0.4	4.2	63	<0.1	0.3	1.3
798526	van08 4174	DDH 784-08-07	173.0	175.0	2.0	6.5	9	5.4	402.3	0.4	1.7	<0.1	3.5	52	<0.1	0.1	1.2
798527	van08 4174	DDH 784-08-07	175.0	178.0	3.0	8.3	11	5.7	414.4	0.3	3.3	2.4	3.9	45	<0.1	0.2	2.0
798528	van08 4174	DDH 784-08-07	178.0	181.0	3.0	10.1	10	3.4	473.8	0.4	1.7	0.2	4.8	47	<0.1	0.2	1.1
798529	van08 4174	DDH 784-08-07	181.0	184.0	3.0	9.0	12	8.1	1420.6	0.7	1.9	0.5	6.2	98	<0.1	0.9	1.3
798530	van08 4174	DDH 784-08-07	184.0	187.0	3.0	9.6	9	4.3	403.0	0.3	1.6	0.4	5.0	55	<0.1	0.2	1.3
798531	van08 4174	DDH 784-08-07	187.0	190.0	3.0	10.3	17	10.5	765.8	0.6	1.7	0.3	5.3	52	0.1	0.2	0.9
798532	van08 4174	DDH 784-08-07	190.0	192.0	2.0	6.5	19	6.7	407.5	0.3	1.4	0.2	5.1	52	<0.1	<0.1	1.0
798533	van08 4174	DDH 784-08-07	192.0	194.1	2.1	7.8	16	10.6	608.5	0.5	1.0	0.2	4.8	51	<0.1	<0.1	0.8
798534	a800338	DDH 784-08-07	194.1	197.1	3.0		20		720.0								
798535	a800338	DDH 784-08-07	197.1	199.6	2.5		20		470.0								
798536	van08 4174	DDH 784-08-07	199.6	202.0	2.4	7.4	14	45.6	376.5	0.2	1.9	0.3	6.2	55	<0.1	0.1	0.3
798537	van08 4174	DDH 784-08-07	202.0	205.0	3.0	9.3	26	15.3	922.5	0.7	1.9	0.2	8.8	69	<0.1	0.2	0.4
798538	van08 4174	DDH 784-08-07	205.0	208.0	3.0	9.5	28	13.5	807.1	0.7	2.1	0.1	7.0	62	<0.1	0.2	0.7
798539	van08 4174	DDH 784-08-07	208.0	211.0	3.0	9.6	30	18.7	864.5	0.7	2.1	0.1	6.7	60	<0.1	0.2	0.6
798540	van08 4174	DDH 784-08-07	211.0	214.0	3.0	9.4	28	16.5	1156.2	0.9	1.6	0.2	8.2	67	0.2	0.3	0.3
798541	van08 4174	DDH 784-08-07	214.0	216.0	2.0	6.9	32	34.9	1017.4	0.6	2.0	0.4	10.0	74	0.2	0.4	0.9
798542	van08 4174	DDH 784-08-07	216.0	218.0	2.0	6.9	13	9.1	1003.3	0.5	1.3	0.3	8.3	72	<0.1	0.3	0.9
798543	van08 4174	DDH 784-08-07	218.0	220.3	2.3	6.9	21	12.9	1283.1	0.8	1.0	0.3	7.9	80	<0.1	0.5	0.9
798544	van08 4174	DDH 784-08-07	220.3	222.5	2.2	6.6	<2	<0.5	41.2	<0.1	0.8	0.4	2.6	24	<0.1	<0.1	2.8
798545	van08 4174	DDH 784-08-07	222.5	224.2	1.7	5.0	<2	<0.5	115.1	<0.1	0.7	0.2	5.5	44	<0.1	<0.1	0.6
798546	van08 4174	DDH 784-08-07	224.2	227.0	2.8	10.1	<2	2.1	637.9	0.2	1.0	0.2	6.7	47	<0.1	<0.1	0.8
798547	van08 4174	DDH 784-08-07	227.0	230.0	3.0	8.7	<2	0.9	244.9	0.1	1.2	0.2	8.6	60	<0.1	0.2	1.0
798548	van08 4174	DDH 784-08-07	230.0	233.0	3.0	8.6	9	10.2	686.5	0.5	1.3	0.1	9.5	73	<0.1	0.3	0.8
798549	van08 4174	DDH 784-08-07	233.0	236.0	3.0	8.3	<2	0.9	502.2	0.2	1.0	0.1	5.8	47	<0.1	0.2	0.5
798551	van08 4174	DDH 784-08-07	236.0	239.0	3.0	10.5	<2	<0.5	44.7	<0.1	0.8	0.1	4.5	33	<0.1	<0.1	0.5
798552	van08 4174	DDH 784-08-07	239.0	242.0	3.0	9.3	<2	<0.5	68.1	<0.1	0.9	0.1	3.9	36	<0.1	<0.1	0.2
798553	van08 4174	DDH 784-08-07	242.0	245.0	3.0	10.3	3	<0.5	294.9	0.1	1.0	0.1	7.5	48	<0.1	<0.1	0.5
798554	van08 4174	DDH 784-08-07	245.0	248.0	3.0	9.5	3	1.1	500.6	0.3	1.0	0.1	7.1	63	<0.1	0.1	0.6

APPENDIX II - DRILL CORE ANALYSES

Sample ID	1DX Ni PPM 0.1	1DX Co PPM 0.1	1DX Ba PPM 1	1DX W PPM 0.1	1DX Hg PPM 0.01	1DX Mn PPM 1	1DX Fe % 0.01	1DX U PPM 0.1	1DX Th PPM 0.1	1DX Sr PPM 1	1DX V PPM 2	1DX Ca % 0.01	1DX P % 0.001	1DX La PPM 1	1DX Cr PPM 1	1DX Mg % 0.01	1DX Ti % 0.001	1DX B PPM 20
798518	0.9	3.0	41	0.3	0.01	707	1.35	1.6	2.7	216	76	0.77	0.045	11	2	0.20	0.059	<20
798519	1.0	3.6	50	0.5	<0.01	751	1.45	2.0	3.3	234	81	0.71	0.049	11	7	0.21	0.069	<20
798520	0.6	3.0	47	0.8	<0.01	600	1.27	1.1	2.0	388	76	0.70	0.042	9	2	0.19	0.055	<20
798521	1.0	3.1	50	0.5	0.01	658	1.31	1.1	2.0	297	75	0.59	0.047	9	2	0.20	0.051	<20
798522	0.8	3.3	50	0.7	<0.01	666	1.38	1.1	2.2	261	81	0.64	0.046	9	6	0.22	0.056	<20
798523	0.7	2.7	43	0.4	<0.01	574	1.26	1.0	1.8	346	70	0.58	0.044	8	2	0.18	0.042	<20
798524	1.1	3.6	57	0.4	0.02	715	1.46	1.1	1.8	346	81	0.65	0.049	9	5	0.22	0.059	<20
798525	0.7	3.2	50	0.4	0.01	694	1.32	1.0	1.8	241	73	0.57	0.039	8	2	0.19	0.049	<20
798526	1.1	3.5	49	0.4	<0.01	685	1.40	1.7	2.6	482	77	0.76	0.044	10	5	0.21	0.059	<20
798527	0.7	3.6	46	0.4	<0.01	652	1.38	0.8	1.2	416	74	0.81	0.046	9	2	0.20	0.050	<20
798528	1.3	3.2	53	0.4	<0.01	699	1.38	1.8	3.1	389	89	0.80	0.042	11	6	0.20	0.063	<20
798529	0.8	4.2	51	0.4	0.03	771	1.53	1.1	1.9	349	91	0.73	0.049	10	2	0.22	0.064	<20
798530	1.3	3.8	54	0.4	<0.01	764	1.59	1.4	2.8	416	92	0.81	0.051	11	6	0.23	0.068	<20
798531	1.2	3.5	54	0.4	<0.01	824	1.42	2.8	5.2	168	80	0.87	0.046	12	2	0.21	0.063	<20
798532	1.2	3.9	74	0.3	<0.01	812	1.60	1.8	3.5	194	91	0.87	0.052	11	4	0.23	0.063	<20
798533	0.7	3.3	73	0.1	0.01	962	1.21	0.9	2.4	188	52	1.53	0.041	14	<1	0.18	0.022	<20
798534																		
798535																		
798536	0.8	4.0	73	0.2	<0.01	964	1.56	2.5	4.0	190	91	1.26	0.042	10	3	0.28	0.048	<20
798537	1.4	4.2	82	0.2	0.02	991	1.49	1.4	2.5	226	83	1.13	0.046	10	2	0.27	0.039	<20
798538	1.1	3.7	115	0.2	0.01	854	1.62	1.4	2.5	307	90	0.89	0.047	11	3	0.26	0.049	<20
798539	0.8	3.8	109	0.3	0.01	852	1.51	1.3	2.4	317	88	0.86	0.044	10	2	0.27	0.057	<20
798540	1.7	4.0	96	0.2	<0.01	1085	1.51	2.0	3.4	202	94	0.99	0.041	10	4	0.26	0.057	<20
798541	1.3	4.2	83	0.3	<0.01	1063	1.41	2.7	4.5	216	81	1.12	0.039	11	1	0.27	0.053	<20
798542	1.2	4.7	46	0.2	0.02	1071	1.69	2.3	3.6	126	87	1.03	0.042	12	3	0.27	0.049	<20
798543	0.6	4.1	52	0.2	0.02	930	1.38	1.3	2.7	109	70	0.85	0.044	11	1	0.23	0.045	<20
798544	1.5	2.3	64	0.5	<0.01	589	0.96	0.5	0.7	97	37	1.24	0.024	3	5	0.22	0.023	<20
798545	1.1	3.1	45	<0.1	<0.01	865	1.53	2.6	3.6	146	71	1.11	0.042	9	2	0.23	0.034	<20
798546	0.9	3.7	39	<0.1	<0.01	905	1.45	2.1	3.7	176	73	1.18	0.037	10	3	0.27	0.031	<20
798547	1.9	3.9	45	<0.1	<0.01	1157	1.60	2.0	3.5	214	90	1.47	0.040	11	2	0.27	0.028	<20
798548	1.1	4.2	72	<0.1	<0.01	1081	1.71	3.1	4.8	177	99	1.19	0.045	12	3	0.27	0.051	<20
798549	1.0	4.0	78	0.1	<0.01	834	1.63	1.3	2.2	180	83	1.44	0.047	12	2	0.21	0.051	<20
798551	1.8	4.6	142	<0.1	<0.01	712	1.88	1.3	2.2	195	93	1.08	0.047	10	3	0.25	0.070	<20
798552	1.1	4.6	81	0.1	<0.01	826	1.93	0.8	1.3	178	98	1.36	0.074	7	3	0.29	0.068	<20
798553	1.0	3.9	48	0.2	<0.01	929	1.52	1.7	3.2	139	76	1.32	0.044	11	1	0.26	0.041	<20
798554	1.1	3.9	52	<0.1	<0.01	936	1.64	4.3	6.8	118	85	1.32	0.044	12	3	0.26	0.033	<20

APPENDIX II - DRILL CORE ANALYSES

Sample ID	1DX Al %	1DX Na %	1DX K %	1DX Sc PPM	1DX Tl PPM	1DX S %	1DX Ga PPM	1DX Se PPM
	0.01	0.001	0.01	0.1	0.1	0.05	1	0.5
798518	0.99	0.456	0.20	0.8	<0.1	<0.05	3	0.6
798519	1.07	0.478	0.23	0.9	<0.1	0.07	3	1.1
798520	1.37	0.688	0.24	0.7	<0.1	<0.05	3	<0.5
798521	1.20	0.637	0.25	0.6	<0.1	<0.05	3	<0.5
798522	1.32	0.690	0.27	0.7	<0.1	<0.05	3	<0.5
798523	1.19	0.635	0.22	0.6	<0.1	<0.05	3	<0.5
798524	1.29	0.703	0.25	0.8	<0.1	0.07	3	1.1
798525	1.04	0.519	0.21	0.8	<0.1	0.07	3	<0.5
798526	1.35	0.700	0.27	0.9	<0.1	<0.05	3	<0.5
798527	1.28	0.677	0.21	0.8	<0.1	<0.05	3	<0.5
798528	1.19	0.594	0.24	0.8	<0.1	<0.05	3	<0.5
798529	1.26	0.673	0.26	0.9	<0.1	0.11	4	1.2
798530	1.28	0.617	0.27	1.0	<0.1	<0.05	4	<0.5
798531	0.82	0.361	0.21	0.9	<0.1	<0.05	3	0.6
798532	0.87	0.344	0.20	1.0	<0.1	<0.05	3	0.6
798533	0.53	0.104	0.14	1.0	<0.1	<0.05	2	0.6
798534								
798535								
798536	0.79	0.132	0.13	1.1	<0.1	<0.05	4	<0.5
798537	0.84	0.203	0.14	1.1	<0.1	<0.05	3	0.9
798538	1.25	0.527	0.19	0.9	<0.1	<0.05	4	0.6
798539	1.28	0.559	0.18	1.0	<0.1	<0.05	4	0.7
798540	0.85	0.203	0.20	1.1	<0.1	<0.05	3	0.6
798541	0.74	0.090	0.15	1.0	<0.1	0.06	4	<0.5
798542	0.53	0.060	0.13	0.8	<0.1	0.08	4	0.8
798543	0.48	0.063	0.13	0.7	<0.1	0.10	3	0.9
798544	0.29	0.069	0.08	1.2	<0.1	<0.05	2	<0.5
798545	0.40	0.056	0.08	1.2	<0.1	<0.05	3	<0.5
798546	0.48	0.050	0.10	0.7	<0.1	0.06	3	0.7
798547	0.54	0.048	0.09	0.8	<0.1	<0.05	3	<0.5
798548	0.60	0.066	0.13	1.0	<0.1	0.05	4	<0.5
798549	0.43	0.056	0.11	0.9	<0.1	<0.05	3	<0.5
798551	0.53	0.059	0.12	0.9	<0.1	<0.05	3	<0.5
798552	0.52	0.056	0.10	1.3	<0.1	<0.05	3	<0.5
798553	0.42	0.051	0.09	0.8	<0.1	<0.05	3	<0.5
798554	0.50	0.061	0.11	1.0	<0.1	<0.05	3	<0.5

APPENDIX II - DRILL CORE ANALYSES

Sample ID	Lab Report	Drill Hole	Interval from m	Interval to m	length m	Sample wt kg	3B Au PPB 2	1DX Au PPB 0.5	1DX Cu PPM 0.1	1DX Ag PPM 0.1	1DX As PPM 0.5	1DX Sb PPM 0.1	1DX Pb PPM 0.1	1DX Zn PPM 1	1DX Bi PPM 0.1	1DX Cd PPM 0.1	1DX Mo PPM 0.1
798555	van08 4174	DDH 784-08-07	248.0	250.5	2.5	7.2	7	1.8	487.8	0.5	1.4	0.2	13.8	80	<0.1	0.1	0.6
798556	van08 4174	DDH 784-08-07	250.5	252.5	2.0	5.7	13	11.2	727.1	0.5	1.2	0.2	11.1	68	<0.1	0.1	0.5
798557	van08 4174	DDH 784-08-07	252.5	254.7	2.2	7.1	16	37.8	1040.4	0.5	0.8	0.1	12.0	68	<0.1	0.4	0.6
798558	van08 4174	DDH 784-08-07	254.7	257.0	2.3	7.3	<2	2.3	27.9	<0.1	0.5	0.1	0.9	26	<0.1	<0.1	0.3
798559	van08 4174	DDH 784-08-07	257.0	260.0	3.0	8.6	<2	0.5	6.4	<0.1	1.0	0.4	1.0	31	<0.1	<0.1	0.3
798560	van08 4174	DDH 784-08-07	260.0	263.0	3.0	9.5	<2	<0.5	8.4	<0.1	0.6	0.2	0.7	28	<0.1	<0.1	0.5
798561	van08 4174	DDH 784-08-07	263.0	266.0	3.0	8.4	<2	<0.5	41.5	<0.1	0.7	0.2	1.2	29	<0.1	<0.1	0.4
798562	van08 4174	DDH 784-08-07	266.0	269.0	3.0	10.4	<2	1.0	5.8	<0.1	<0.5	0.2	0.8	27	<0.1	<0.1	0.2
798563	van08 4174	DDH 784-08-07	269.0	272.0	3.0	9.7	<2	<0.5	4.7	<0.1	0.8	0.2	1.0	21	<0.1	<0.1	0.4
798564	van08 4174	DDH 784-08-07	272.0	275.0	3.0	10.0	<2	<0.5	4.8	<0.1	1.0	0.5	0.9	27	<0.1	<0.1	0.4
798565	van08 4174	DDH 784-08-07	275.0	277.2	2.2	8.2	<2	0.6	6.0	<0.1	0.7	0.3	1.0	27	<0.1	<0.1	0.6
798566	van08 4174	DDH 784-08-07	277.2	279.2	2.0	6.3	<2	<0.5	7.2	<0.1	0.9	0.3	1.0	31	<0.1	<0.1	1.4
798567	van08 4174	DDH 784-08-07	279.2	282.0	2.8	9.6	<2	<0.5	1.6	<0.1	<0.5	0.2	0.8	32	<0.1	<0.1	0.5
798568	van08 4174	DDH 784-08-07	282.0	285.0	3.0	9.9	<2	<0.5	0.9	<0.1	0.6	0.2	0.7	31	<0.1	<0.1	0.2
798569	van08 4174	DDH 784-08-07	285.0	288.0	3.0	9.1	<2	<0.5	0.8	<0.1	<0.5	0.2	1.2	31	<0.1	<0.1	0.4
798570	van08 4174	DDH 784-08-07	288.0	291.0	3.0	10.4	<2	<0.5	0.7	<0.1	0.7	0.3	0.8	23	<0.1	<0.1	0.5
798571	van08 4174	DDH 784-08-07	291.0	294.0	3.0	8.7	<2	<0.5	2.3	<0.1	0.9	0.3	1.3	28	<0.1	<0.1	0.6
798572	van08 4174	DDH 784-08-07	294.0	297.0	3.0	10.3	<2	<0.5	0.8	<0.1	0.8	0.5	1.2	24	<0.1	<0.1	0.3
798573	van08 4174	DDH 784-08-07	297.0	300.2	3.2	9.1	<2	<0.5	6.0	<0.1	1.1	0.3	1.8	30	<0.1	<0.1	0.3

Discovery Consultants
W.R. Gilmour, PGeo
September 2, 2008

APPENDIX II - DRILL CORE ANALYSES

Sample ID	1DX Ni PPM 0.1	1DX Co PPM 0.1	1DX Ba PPM 1	1DX W PPM 0.1	1DX Hg PPM 0.01	1DX Mn PPM 1	1DX Fe % 0.01	1DX U PPM 0.1	1DX Th PPM 0.1	1DX Sr PPM 1	1DX V PPM 2	1DX Ca % 0.01	1DX P % 0.001	1DX La PPM 1	1DX Cr PPM 1	1DX Mg % 0.01	1DX Ti % 0.001	1DX B PPM 20
798555	0.9	4.4	66	<0.1	<0.01	1030	1.59	2.5	4.0	165	67	0.99	0.046	13	1	0.32	0.026	<20
798556	1.1	3.7	62	<0.1	<0.01	883	1.42	2.9	3.8	154	67	1.04	0.041	11	2	0.27	0.026	<20
798557	1.0	4.1	89	<0.1	<0.01	717	1.45	1.9	2.9	151	72	0.81	0.040	10	2	0.25	0.034	<20
798558	1.2	3.3	11	<0.1	<0.01	500	1.22	0.8	1.7	60	55	0.98	0.036	10	3	0.31	0.004	<20
798559	2.0	4.6	10	<0.1	<0.01	682	1.54	1.2	1.4	75	62	1.05	0.054	9	3	0.51	0.004	<20
798560	1.2	3.8	13	<0.1	<0.01	621	1.51	0.8	1.2	115	57	1.57	0.061	10	2	0.37	0.005	<20
798561	3.8	3.9	22	<0.1	<0.01	673	1.40	1.0	2.1	143	55	1.84	0.055	13	6	0.35	0.004	<20
798562	1.3	3.4	23	<0.1	<0.01	605	1.27	0.7	1.7	139	46	1.91	0.051	11	2	0.32	0.003	<20
798563	1.7	3.8	21	<0.1	<0.01	525	1.04	1.7	3.6	101	38	0.71	0.058	14	3	0.21	0.002	<20
798564	1.7	3.8	12	<0.1	<0.01	636	1.34	0.8	1.8	110	53	1.21	0.058	10	4	0.42	0.006	<20
798565	1.9	4.7	19	0.1	<0.01	512	1.17	1.3	2.5	51	44	0.65	0.045	16	3	0.32	0.003	<20
798566	0.9	4.5	20	0.2	<0.01	645	1.44	1.1	2.3	41	56	0.83	0.044	16	4	0.47	0.004	<20
798567	1.9	4.8	10	0.1	<0.01	784	1.53	0.5	1.2	62	60	1.43	0.059	8	5	0.62	0.004	<20
798568	1.6	3.0	14	<0.1	<0.01	728	1.04	0.6	1.3	108	38	1.34	0.053	6	4	0.37	0.012	<20
798569	2.1	3.7	11	<0.1	<0.01	844	1.09	0.5	1.2	87	39	1.90	0.060	7	5	0.39	0.009	<20
798570	1.4	3.2	13	<0.1	<0.01	802	1.27	0.5	0.9	58	36	1.32	0.058	8	3	0.43	0.002	<20
798571	1.8	4.4	15	0.1	<0.01	811	1.34	0.7	1.0	73	37	1.14	0.061	9	2	0.56	0.002	<20
798572	1.7	4.5	21	0.1	<0.01	783	1.18	1.3	2.4	85	31	0.90	0.049	14	3	0.47	0.002	<20
798573	1.2	5.8	21	0.1	<0.01	752	1.19	1.1	2.3	74	24	1.23	0.057	6	3	0.56	0.002	<20

APPENDIX II - DRILL CORE ANALYSES

Sample ID	1DX Al %	1DX Na %	1DX K %	1DX Sc PPM	1DX Tl PPM	1DX S %	1DX Ga PPM	1DX Se PPM
	0.01	0.001	0.01	0.1	0.1	0.05	1	0.5
798555	0.63	0.053	0.10	0.9	<0.1	<0.05	4	<0.5
798556	0.53	0.052	0.10	0.8	<0.1	<0.05	3	0.6
798557	0.51	0.059	0.10	0.7	<0.1	0.10	3	0.8
798558	0.44	0.080	0.07	0.7	<0.1	<0.05	3	<0.5
798559	0.68	0.068	0.10	1.2	<0.1	<0.05	4	<0.5
798560	0.55	0.060	0.10	1.0	<0.1	<0.05	3	<0.5
798561	0.51	0.067	0.10	0.7	<0.1	<0.05	3	<0.5
798562	0.50	0.082	0.10	0.7	<0.1	<0.05	3	<0.5
798563	0.52	0.098	0.09	0.7	<0.1	<0.05	2	<0.5
798564	0.61	0.078	0.14	0.9	<0.1	<0.05	4	<0.5
798565	0.56	0.081	0.11	0.6	<0.1	<0.05	3	<0.5
798566	0.66	0.080	0.12	0.6	<0.1	<0.05	4	<0.5
798567	0.72	0.090	0.12	1.3	<0.1	<0.05	4	<0.5
798568	0.55	0.093	0.13	0.6	<0.1	<0.05	3	<0.5
798569	0.56	0.065	0.17	0.6	<0.1	<0.05	3	<0.5
798570	0.47	0.070	0.15	0.8	<0.1	<0.05	2	<0.5
798571	0.50	0.077	0.10	1.4	<0.1	<0.05	2	<0.5
798572	0.49	0.064	0.12	0.8	<0.1	<0.05	2	<0.5
798573	0.38	0.079	0.10	1.0	<0.1	<0.05	<1	<0.5

APPENDIX III

QC / QA RESULTS

APPENDIX III - QC/QA RESULTS

Rayfield River Property
Callinan Mines Limited/ Candorado Operating Co. Ltd.
(2007 - 2008)

Sample ID	Lab Report	3B Au PPB	1DX Au PPB	1DX Cu PPM	1DX Ag PPM	1DX As PPM	1DX Sb PPM	1DX Pb PPM	1DX Zn PPM	1DX Bi PPM	1DX Cd PPM	1DX Mo PPM	1DX Ni PPM	1DX Co PPM	1DX Ba PPM	1DX W PPM
		2	0.5	0.1	0.1	0.5	0.1	0.1	1	0.1	0.1	0.1	0.1	0.1	1	0.1
	Field Blanks:															
624251	van08 3725	<2	<0.5	55.1	<0.1	3.0	0.5	2.7	59	<0.1	<0.1	0.7	12.7	17.3	45	0.2
624275	van08 3725	<2	0.7	59.6	<0.1	3.0	0.5	3.0	57	<0.1	<0.1	0.9	11.1	15.7	31	<0.1
624325	van08 3725	<2	<0.5	67.2	<0.1	3.8	0.4	2.5	56	<0.1	<0.1	0.8	12.4	17.2	57	<0.1
625825	van08 4182	<2	<0.5	19.0	<0.1	1.5	<0.1	4.7	63	<0.1	0.1	0.5	31.8	13.4	232	<0.1
625885	van08 4182	<2	1.5	21.9	<0.1	1.3	<0.1	5.5	70	<0.1	0.1	0.6	32.9	14.8	254	0.2
625925	van08 4182	<2	<0.5	25.4	<0.1	<0.5	<0.1	4.5	66	<0.1	<0.1	0.6	32.7	15.0	274	<0.1
625980	van08 4182	<2	0.9	27.6	<0.1	1.1	<0.1	5.1	66	<0.1	<0.1	0.7	33.8	15.5	268	<0.1
798504	van08 4182	<2	<0.5	22.7	<0.1	<0.5	<0.1	4.6	68	<0.1	<0.1	0.6	35.5	15.2	267	<0.1
624355	a800298	<2	1.2	21.7	<0.1	0.7	<0.1	6.0	72	0.1	0.1	0.7	31.4	13.7	238	0.1
624375	a800298	2	1.0	23.1	<0.1	1.3	0.1	5.9	77	0.1	0.1	0.6	34.7	14.5	279	0.1
624425	a800298	<2	0.6	26.0	<0.1	0.9	0.1	5.0	71	0.1	0.1	0.7	33.1	14.8	260	0.1
624475	a800298	7	0.9	24.4	<0.1	<0.5	<0.1	4.7	77	0.1	0.1	0.6	35.6	15.9	266	0.1
625775	a800298	3	<0.5	25.7	<0.1	0.8	<0.1	4.7	75	0.1	0.1	0.5	36.9	15.5	280	0.1
798574	van08 4174	<2	9.0	18.8	<0.1	<0.5	<0.1	3.5	65	<0.1	0.1	0.6	32.1	13.4	245	0.1
	Lab Blanks:															
G1	van08 3725	3	<0.5	1.6	<0.1	0.6	<0.1	2.9	44	<0.1	<0.1	0.3	4.0	4.0	205	<0.1
G1	van08 3725	2	<0.5	1.8	<0.1	<0.5	<0.1	3.4	45	<0.1	<0.1	0.4	3.8	3.8	206	<0.1
G1	van08 4182	<2	<0.5	2.1	<0.1	<0.5	<0.1	3.2	45	<0.1	<0.1	0.4	8.4	4.3	207	0.1
G1	van08 4182	<2	<0.5	2.5	<0.1	0.6	<0.1	3.2	47	<0.1	<0.1	0.3	6.7	4.5	211	<0.1
G1	van08 4174	<2	0.7	3.4	<0.1	<0.5	<0.1	3.2	40	<0.1	<0.1	1.0	6.4	3.8	209	<0.1
G1	van08 4174	<2	<0.5	1.5	<0.1	<0.5	<0.1	2.5	41	<0.1	<0.1	0.4	4.6	4.1	202	<0.1
	Analytical Blanks:															
BLK	van08 3725	<2														
BLK	van08 3725	<2														
BLK	van08 3725	<2														
BLK	van08 3725	<2														

APPENDIX III - QC/QA RESULTS

Sample ID	1DX Hg PPM	1DX Mn PPM	1DX Fe %	1DX U PPM	1DX Th PPM	1DX Sr PPM	1DX V PPM	1DX Ca %	1DX P %	1DX La PPM	1DX Cr PPM	1DX Mg %	1DX Ti %	1DX B PPM	1DX Al %	1DX Na %	1DX K %
	0.01	1	0.01	0.1	0.1	1	2	0.01	0.001	1	1	0.01	0.001	20	0.01	0.001	0.01
624251	0.03	640	3.89	0.9	2.5	46	125	2.58	0.090	7	22	1.34	0.167	<20	1.85	0.040	0.11
624275	0.01	606	3.73	1.0	2.6	41	115	2.51	0.097	7	20	1.31	0.155	<20	1.72	0.035	0.10
624325	0.01	611	3.77	0.9	2.4	42	122	2.01	0.096	7	20	1.27	0.152	<20	1.70	0.053	0.13
625825	<0.01	457	2.42	0.5	3.9	321	71	1.49	0.280	38	39	1.16	0.115	<20	1.55	0.155	0.17
625885	<0.01	503	2.83	0.6	4.6	336	76	1.63	0.314	40	47	1.30	0.133	<20	1.73	0.213	0.21
625925	<0.01	512	2.73	0.6	4.2	340	73	1.54	0.302	39	43	1.22	0.134	<20	1.65	0.204	0.20
625980	<0.01	496	2.85	0.6	4.0	342	78	1.60	0.298	40	46	1.19	0.134	<20	1.70	0.194	0.20
798504	<0.01	485	2.84	0.5	4.3	360	78	1.56	0.317	40	46	1.25	0.141	<20	1.63	0.199	0.19
624355	<0.01	454	2.59	0.5	4.3	319	66	1.51	0.296	44	42	1.16	0.122	<20	1.62	0.208	0.17
624375	<0.01	526	2.90	0.5	4.1	354	71	1.62	0.304	43	47	1.27	0.142	<20	1.75	0.232	0.23
624425	<0.01	474	2.64	0.5	4.4	347	68	1.54	0.314	44	42	1.23	0.116	<20	1.63	0.186	0.19
624475	<0.01	503	2.87	0.5	4.4	359	71	1.57	0.314	46	47	1.30	0.140	<20	1.68	0.214	0.19
625775	<0.01	521	2.98	0.5	3.8	373	73	1.71	0.350	44	48	1.31	0.150	<20	1.84	0.234	0.22
798574	0.02	458	2.74	0.4	3.6	341	71	1.47	0.282	38	43	1.17	0.110	<20	1.59	0.211	0.19
G1	0.02	498	1.68	2.2	4.6	52	37	0.40	0.072	6	7	0.57	0.119	<20	0.93	0.053	0.50
G1	0.01	497	1.74	2.6	4.9	57	36	0.43	0.070	7	7	0.54	0.119	<20	0.95	0.077	0.50
G1	<0.01	555	1.82	2.4	4.0	54	36	0.47	0.069	7	10	0.58	0.120	<20	0.93	0.057	0.50
G1	<0.01	536	1.82	2.3	3.9	51	36	0.47	0.073	6	10	0.60	0.123	<20	0.94	0.055	0.50
G1	<0.01	508	1.85	2.4	4.6	63	34	0.46	0.065	8	9	0.53	0.133	<20	1.03	0.104	0.50
G1	<0.01	499	1.61	2.0	4.0	47	33	0.37	0.069	5	8	0.55	0.123	<20	0.86	0.051	0.47
BLK																	
BLK																	
BLK																	
BLK																	

Sample ID	1DX Sc PPM	1DX Tl PPM	1DX S %	1DX Ga PPM	1DX Se PPM
	0.1	0.1	0.05	1	0.5
624251	5.8	<0.1	<0.05	7	<0.5
624275	5.2	<0.1	<0.05	7	<0.5
624325	5.5	<0.1	<0.05	7	<0.5
625825	3.1	<0.1	<0.05	5	<0.5
625885	3.7	<0.1	<0.05	5	<0.5
625925	3.4	<0.1	<0.05	5	<0.5
625980	3.4	<0.1	<0.05	5	<0.5
798504	3.5	<0.1	<0.05	5	<0.5
624355	3.8	<0.1	<0.05	5	0.6
624375	4.5	<0.1	<0.05	5	<0.5
624425	3.8	<0.1	<0.05	5	<0.5
624475	4.2	<0.1	<0.05	5	<0.5
625775	4.5	<0.1	<0.05	5	0.5
798574	3.4	<0.1	<0.05	5	1.0
G1	1.6	0.3	<0.05	4	<0.5
G1	1.6	0.4	<0.05	4	<0.5
G1	1.7	0.4	<0.05	5	<0.5
G1	1.6	0.4	<0.05	5	<0.5
G1	1.8	0.4	<0.05	5	<0.5
G1	1.6	0.4	<0.05	4	<0.5
BLK					
BLK					
BLK					
BLK					

		3B	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX
Sample	**Lab**	**Au**	**Au**	**Cu**	**Ag**	**As**	**Sb**	**Pb**	**Zn**	**Bi**	**Cd**	**Mo**	**Ni**	**Co**	**Ba**	**W**
ID	**Report**	**PPB**	**PPB**	**PPM**	**PPM**	**PPM**	**PPM**	**PPM**	**PPM**	**PPM**	**PPM**	**PPM**	**PPM**	**PPM**	**PPM**	**PPM**
		2	0.5	0.1	0.1	0.5	0.1	0.1	1	0.1	0.1	0.1	0.1	0.1	1	0.1
BLK	van08 3725	<2														
BLK	van08 3725	<2														
BLK	van08 3725	<2														
BLK	van08 3725	<2														
BLK	van08 3725	<2														
BLK	van08 4182	<2														
BLK	van08 4182	<2														
BLK	van08 4182	<2														
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BLK	van08 4182	<2														
BLK	van08 4182	<2														
BLK	van08 4174	<2														
BLK	van08 4174	<2														
BLK	van08 4174	<2														
BLK	van08 4174	<2														
BLK	van08 4174	<2														
BLK	van08 4174	<2														
BLK	van08 3725		<0.5	<0.1	<0.1	<0.5	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<0.1	<0.1	<1	<0.1
BLK	van08 3725		<0.5	<0.1	<0.1	<0.5	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<0.1	<0.1	<1	<0.1
BLK	van08 3725		<0.5	<0.1	<0.1	<0.5	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<0.1	<0.1	<1	<0.1
BLK	van08 3725		<0.5	<0.1	<0.1	<0.5	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<0.1	<0.1	<1	<0.1
BLK	van08 3725		<0.5	<0.1	<0.1	<0.5	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<0.1	<0.1	<1	<0.1
BLK	van08 3725		<0.5	<0.1	<0.1	<0.5	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<0.1	<0.1	<1	<0.1
BLK	van08 4182		<0.5	<0.1	<0.1	<0.5	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<0.1	<0.1	<1	<0.1
BLK	van08 4182		<0.5	<0.1	<0.1	<0.5	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<0.1	<0.1	<1	<0.1
BLK	van08 4182		<0.5	<0.1	<0.1	<0.5	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<0.1	<0.1	<1	<0.1

APPENDIX III - QC/QA RESULTS

Sample ID	1DX Hg PPM	1DX Mn PPM	1DX Fe %	1DX U PPM	1DX Th PPM	1DX Sr PPM	1DX V PPM	1DX Ca %	1DX P %	1DX La PPM	1DX Cr PPM	1DX Mg %	1DX Ti %	1DX B PPM	1DX Al %	1DX Na %	1DX K %
	0.01	1	0.01	0.1	0.1	1	2	0.01	0.001	1	1	0.01	0.001	20	0.01	0.001	0.01
BLK																	
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BLK	<0.01	<1	<0.01	<0.1	<0.1	<1	<2	<0.01	<0.001	<1	<1	<0.01	<0.001	<20	<0.01	<0.001	<0.01
BLK	<0.01	<1	<0.01	<0.1	<0.1	<1	<2	<0.01	<0.001	<1	<1	<0.01	<0.001	<20	<0.01	<0.001	<0.01
BLK	<0.01	<1	<0.01	<0.1	<0.1	<1	<2	<0.01	<0.001	<1	<1	<0.01	<0.001	<20	<0.01	<0.001	<0.01
BLK	<0.01	<1	<0.01	<0.1	<0.1	<1	<2	<0.01	<0.001	<1	<1	<0.01	<0.001	<20	<0.01	<0.001	<0.01
BLK	<0.01	<1	<0.01	<0.1	<0.1	<1	<2	<0.01	<0.001	<1	<1	<0.01	<0.001	<20	<0.01	<0.001	<0.01
BLK	<0.01	<1	<0.01	<0.1	<0.1	<1	<2	<0.01	<0.001	<1	<1	<0.01	<0.001	<20	<0.01	<0.001	<0.01
BLK	<0.01	<1	<0.01	<0.1	<0.1	<1	<2	<0.01	<0.001	<1	<1	<0.01	<0.001	<20	<0.01	<0.001	<0.01
BLK	<0.01	<1	<0.01	<0.1	<0.1	<1	<2	<0.01	<0.001	<1	<1	<0.01	<0.001	<20	<0.01	<0.001	<0.01
BLK	<0.01	<1	<0.01	<0.1	<0.1	<1	<2	<0.01	<0.001	<1	<1	<0.01	<0.001	<20	<0.01	<0.001	<0.01

Sample ID	1DX Sc PPM	1DX Tl PPM	1DX S %	1DX Ga PPM	1DX Se PPM
	0.1	0.1	0.05	1	0.5
BLK					
BLK					
BLK					
BLK					
BLK					
BLK					
BLK					
BLK					
BLK					
BLK					
BLK					
BLK					
BLK					
BLK					
BLK					
BLK					
BLK					
BLK					
BLK					
BLK					
BLK					
BLK	<0.1	<0.1	<0.05	<1	<0.5
BLK	<0.1	<0.1	<0.05	<1	<0.5
BLK	<0.1	<0.1	<0.05	<1	<0.5
BLK	<0.1	<0.1	<0.05	<1	<0.5
BLK	<0.1	<0.1	<0.05	<1	<0.5
BLK	<0.1	<0.1	<0.05	<1	<0.5
BLK	<0.1	<0.1	<0.05	<1	<0.5
BLK	<0.1	<0.1	<0.05	<1	<0.5
BLK	<0.1	<0.1	<0.05	<1	<0.5

APPENDIX III - QC/QA RESULTS

Sample ID	Lab Report	3B Au PPB	1DX Au PPB	1DX Cu PPM	1DX Ag PPM	1DX As PPM	1DX Sb PPM	1DX Pb PPM	1DX Zn PPM	1DX Bi PPM	1DX Cd PPM	1DX Mo PPM	1DX Ni PPM	1DX Co PPM	1DX Ba PPM	1DX W PPM
		2	0.5	0.1	0.1	0.5	0.1	0.1	1	0.1	0.1	0.1	0.1	0.1	1	0.1
BLK	van08 4182		<0.5	<0.1	<0.1	<0.5	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<0.1	<0.1	<1	<0.1
BLK	van08 4182		<0.5	<0.1	<0.1	<0.5	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<0.1	<0.1	<1	<0.1
BLK	van08 4182		<0.5	<0.1	<0.1	<0.5	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<0.1	<0.1	<1	<0.1
BLK	van08 4174		<0.5	<0.1	<0.1	<0.5	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<0.1	<0.1	<1	<0.1
BLK	van08 4174		<0.5	<0.1	<0.1	<0.5	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<0.1	<0.1	<1	<0.1
BLK	van08 4174		<0.5	<0.1	<0.1	<0.5	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<0.1	<0.1	<1	<0.1
BLK	van08 4174		<0.5	<0.1	<0.1	<0.5	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<0.1	<0.1	<1	<0.1
	Field Duplicates:															
624259	van08 3725	<2	0.8	28.1	<0.1	1.1	0.1	7.4	28	<0.1	<0.1	0.2	0.5	3.1	23	<0.1
624260	van08 3725	7	5.0	21.2	<0.1	0.9	0.1	4.9	28	<0.1	<0.1	0.1	0.3	2.6	21	<0.1
624299	van08 3725	3	4.1	78.5	<0.1	4.2	<0.1	4.2	59	<0.1	<0.1	2.3	3.3	17.6	113	0.1
624300	van08 3725	4	0.9	70.0	<0.1	4.1	<0.1	4.6	55	<0.1	0.1	1.9	3.7	18.3	110	0.2
624349	van08 3725	3	1.8	209.8	0.1	2.5	0.1	3.9	49	<0.1	<0.1	0.7	1.7	13.6	86	<0.1
624350	van08 3725	5	2.0	84.4	<0.1	2.2	<0.1	5.6	55	<0.1	<0.1	1.0	3.0	21.7	169	<0.1
625849	van08 4182	<2	1.8	7.6	<0.1	1.2	0.1	7.3	35	<0.1	<0.1	1.0	1.7	2.5	677	<0.1
625850	van08 4182	<2	0.6	4.9	<0.1	<0.5	0.2	3.6	32	<0.1	0.1	0.9	2.0	2.4	552	<0.1
625899	van08 4182	<2	<0.5	4.2	<0.1	<0.5	<0.1	0.6	14	<0.1	<0.1	0.2	1.1	2.2	132	0.3
625900	van08 4182	<2	<0.5	1.8	<0.1	<0.5	<0.1	0.3	13	<0.1	<0.1	0.2	1.4	2.2	57	0.3
625949	van08 4182	<2	10.6	103.7	<0.1	<0.5	0.1	3.6	21	<0.1	<0.1	0.4	0.5	0.9	192	<0.1
625950	van08 4182	<2	2.1	138.9	0.1	<0.5	<0.1	3.5	21	<0.1	<0.1	0.5	0.8	1.0	225	<0.1
625999	van08 4182	5	5.9	1064.0	0.5	1.0	<0.1	4.6	72	<0.1	0.5	1.2	1.4	4.0	60	0.3
626000	van08 4182	6	4.6	871.2	0.6	1.1	<0.1	4.3	70	0.1	0.3	1.1	0.9	3.9	54	0.3
624399	a800298	<2	0.7	33.0	<0.1	0.6	0.1	2.5	18	<0.1	<0.1	0.2	0.2	1.2	107	0.1
624400	a800298	2	<0.5	30.1	<0.1	<0.5	0.1	3.9	21	<0.1	<0.1	0.2	0.2	1.1	93	<0.1
624439	a800298	3	1.5	620.4	0.4	0.7	0.2	11.6	46	<0.1	0.2	1.5	0.2	2.2	58	<0.1
624440	a800298	<2	0.6	703.5	0.5	0.6	0.2	10.1	57	<0.1	0.3	1.3	0.7	2.2	58	<0.1
624499	a800298	4	0.7	212.9	0.2	1.2	0.1	6.9	29	<0.1	0.1	0.6	0.5	1.3	84	<0.1
624500	a800298	2	0.6	186.5	0.1	1.0	0.1	6.9	28	<0.1	0.2	0.6	0.8	1.5	94	<0.1
625799	a800298	69	37.0	2083.7	1.8	0.6	0.1	7.0	79	0.3	0.5	9.5	0.3	4.3	73	0.2
625800	a800298	77	33.7	2052.8	1.8	0.5	0.1	6.8	79	0.2	0.5	3.0	0.8	4.0	64	0.1

APPENDIX III - QC/QA RESULTS

	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX
Sample	Hg	Mn	Fe	U	Th	Sr	V	Ca	P	La	Cr	Mg	Ti	B	Al	Na	K
ID	PPM	PPM	%	PPM	PPM	PPM	PPM	%	%	PPM	PPM	%	%	PPM	%	%	%
	0.01	1	0.01	0.1	0.1	1	2	0.01	0.001	1	1	0.01	0.001	20	0.01	0.001	0.01
BLK	<0.01	<1	<0.01	<0.1	<0.1	<1	<2	<0.01	<0.001	<1	<1	<0.01	<0.001	<20	<0.01	<0.001	<0.01
BLK	<0.01	<1	<0.01	<0.1	<0.1	<1	<2	<0.01	<0.001	<1	<1	<0.01	<0.001	<20	<0.01	<0.001	<0.01
BLK	<0.01	<1	<0.01	<0.1	<0.1	<1	<2	<0.01	<0.001	<1	<1	<0.01	<0.001	<20	<0.01	<0.001	<0.01
BLK	<0.01	<1	<0.01	<0.1	<0.1	<1	<2	<0.01	<0.001	<1	<1	<0.01	<0.001	<20	<0.01	<0.001	<0.01
BLK	<0.01	<1	<0.01	<0.1	<0.1	<1	<2	<0.01	<0.001	<1	<1	<0.01	<0.001	<20	<0.01	<0.001	<0.01
BLK	<0.01	<1	<0.01	<0.1	<0.1	<1	<2	<0.01	<0.001	<1	<1	<0.01	<0.001	<20	<0.01	<0.001	<0.01
BLK	<0.01	<1	<0.01	<0.1	<0.1	<1	<2	<0.01	<0.001	<1	<1	<0.01	<0.001	<20	<0.01	<0.001	<0.01
624259	<0.01	681	1.14	0.4	0.7	263	21	1.02	0.063	9	<1	0.26	0.003	<20	2.78	2.163	0.15
624260	<0.01	662	1.03	0.4	0.7	231	17	0.85	0.055	9	<1	0.24	0.002	<20	2.25	1.653	0.14
624299	<0.01	845	3.77	0.7	1.5	232	174	2.59	0.210	13	5	0.91	0.178	<20	1.91	0.119	0.35
624300	<0.01	829	3.80	0.7	1.5	233	175	2.43	0.211	13	4	0.93	0.173	<20	1.81	0.104	0.35
624349	<0.01	882	3.55	2.2	16.2	216	155	2.38	0.178	80	<1	0.81	0.123	<20	1.73	0.394	0.24
624350	<0.01	928	5.35	1.1	1.7	291	231	2.42	0.215	15	1	1.14	0.148	<20	1.90	0.212	0.43
625849	<0.01	1050	1.00	0.6	1.3	199	26	2.68	0.049	7	5	0.42	0.004	<20	0.28	0.076	0.09
625850	<0.01	936	1.02	0.6	1.2	182	26	2.48	0.049	6	5	0.42	0.003	<20	0.26	0.055	0.07
625899	<0.01	545	0.97	0.6	2.2	66	33	1.67	0.052	10	4	0.30	0.003	<20	0.48	0.089	0.04
625900	<0.01	432	0.94	0.4	1.5	51	36	1.68	0.055	7	3	0.33	0.003	<20	0.44	0.091	0.03
625949	<0.01	345	0.62	0.7	0.8	51	18	0.52	0.009	11	1	0.07	0.001	<20	0.16	0.048	0.09
625950	0.01	410	0.62	0.7	0.7	47	17	0.59	0.010	11	2	0.08	0.001	<20	0.15	0.050	0.09
625999	<0.01	911	1.66	1.0	1.6	320	86	0.80	0.051	10	2	0.22	0.064	<20	1.45	0.788	0.26
626000	<0.01	902	1.64	1.0	1.6	307	85	0.77	0.047	9	1	0.22	0.063	<20	1.43	0.774	0.26
624399	<0.01	263	0.69	0.5	1.2	490	35	1.21	0.013	9	1	0.09	0.002	<20	0.52	0.053	0.06
624400	<0.01	260	0.65	0.4	1.1	441	32	1.15	0.012	9	2	0.08	0.001	<20	0.48	0.050	0.06
624439	0.01	461	0.93	0.9	1.5	126	43	1.20	0.016	11	<1	0.12	0.010	<20	0.43	0.047	0.13
624440	0.01	406	0.89	0.9	1.7	128	35	0.84	0.015	12	2	0.13	0.007	<20	0.43	0.048	0.12
624499	<0.01	506	0.64	0.6	0.8	236	25	1.59	0.019	11	2	0.07	0.004	<20	0.37	0.043	0.16
624500	<0.01	506	0.67	0.5	0.9	248	23	1.67	0.021	12	2	0.08	0.004	<20	0.39	0.052	0.19
625799	0.04	1219	1.84	1.4	2.4	228	105	1.27	0.049	11	2	0.25	0.061	<20	1.25	0.586	0.25
625800	0.05	1067	1.73	1.1	2.3	241	83	1.08	0.046	12	2	0.22	0.041	<20	1.17	0.529	0.23

Sample ID	1DX Sc PPM 0.1	1DX Tl PPM 0.1	1DX S % 0.05	1DX Ga PPM 1	1DX Se PPM 0.5
BLK	<0.1	<0.1	<0.05	<1	<0.5
BLK	<0.1	<0.1	<0.05	<1	<0.5
BLK	<0.1	<0.1	<0.05	<1	<0.5
BLK	<0.1	<0.1	<0.05	<1	<0.5
BLK	<0.1	<0.1	<0.05	<1	<0.5
BLK	<0.1	<0.1	<0.05	<1	<0.5
BLK	<0.1	<0.1	<0.05	<1	<0.5
624259	0.8	<0.1	<0.05	3	<0.5
624260	0.8	<0.1	<0.05	3	<0.5
624299	2.8	<0.1	<0.05	6	<0.5
624300	2.6	<0.1	<0.05	6	<0.5
624349	4.2	<0.1	<0.05	6	<0.5
624350	7.2	<0.1	<0.05	8	<0.5
625849	3.6	<0.1	<0.05	<1	<0.5
625850	3.4	<0.1	<0.05	<1	<0.5
625899	2.1	<0.1	<0.05	2	<0.5
625900	2.7	<0.1	<0.05	2	<0.5
625949	0.2	<0.1	<0.05	<1	<0.5
625950	0.2	<0.1	<0.05	<1	0.9
625999	0.8	<0.1	0.09	4	1.0
626000	0.7	<0.1	0.07	3	0.6
624399	0.4	<0.1	<0.05	1	<0.5
624400	0.3	<0.1	<0.05	1	<0.5
624439	0.4	<0.1	0.09	2	<0.5
624440	0.4	<0.1	0.08	2	0.6
624499	0.4	<0.1	<0.05	1	<0.5
624500	0.5	<0.1	<0.05	2	<0.5
625799	1.3	<0.1	0.12	4	2.3
625800	1.2	<0.1	0.10	3	1.9

APPENDIX III - QC/QA RESULTS

Sample ID	Lab Report	3B Au PPB 2	1DX Au PPB 0.5	1DX Cu PPM 0.1	1DX Ag PPM 0.1	1DX As PPM 0.5	1DX Sb PPM 0.1	1DX Pb PPM 0.1	1DX Zn PPM 1	1DX Bi PPM 0.1	1DX Cd PPM 0.1	1DX Mo PPM 0.1	1DX Ni PPM 0.1	1DX Co PPM 0.1	1DX Ba PPM 1	1DX W PPM 0.1
798549	van08 4174	<2	0.9	502.2	0.2	1.0	0.1	5.8	47	<0.1	0.2	0.5	1.0	4.0	78	0.1
798550	van08 4174	3	1.6	764.8	0.2	1.1	0.1	6.8	49	<0.1	0.2	0.4	1.2	4.3	67	0.1
Pulp Duplicates:																
624346	van08 3725	<2														
624346r	van08 3725	<2														
624286	van08 3725	2														
624286r	van08 3725	3														
624353	van08 3725	<2														
624353r	van08 3725	2														
624264	van08 3725		<0.5	24.8	<0.1	0.9	<0.1	3.6	23	<0.1	<0.1	0.3	0.3	2.7	40	<0.1
624264r	van08 3725		<0.5	27.1	<0.1	1.0	0.2	3.2	21	<0.1	<0.1	0.3	0.4	2.7	36	<0.1
624291	van08 3725		12.3	870.4	<0.1	1.3	<0.1	3.1	17	<0.1	<0.1	1.5	3.3	10.5	35	<0.1
624291r	van08 3725		15.0	867.8	<0.1	1.4	<0.1	3.2	18	<0.1	<0.1	1.4	3.1	10.4	34	<0.1
624324	van08 3725		2.6	335.2	0.1	1.6	<0.1	3.0	42	<0.1	<0.1	0.9	2.6	16.4	168	<0.1
624324r	van08 3725		2.3	309.9	0.1	1.2	<0.1	2.9	36	<0.1	<0.1	0.8	2.4	14.8	153	<0.1
625863	van08 4182	<2														
625863r	van08 4182	<2														
625806	van08 4182	53														
625806r	van08 4182	57														
625883	van08 4182	<2														
625883r	van08 4182	<2														
625932	van08 4182	3														
625932r	van08 4182	3														
625943	van08 4182	<2														
625943r	van08 4182	<2														
625989	van08 4182	17														
625989r	van08 4182	29														
625910	van08 4182	3														
625910r	van08 4182	<2														

Sample ID	1DX Hg PPM 0.01	1DX Mn PPM 1	1DX Fe % 0.01	1DX U PPM 0.1	1DX Th PPM 0.1	1DX Sr PPM 1	1DX V PPM 2	1DX Ca % 0.01	1DX P % 0.001	1DX La PPM 1	1DX Cr PPM 1	1DX Mg % 0.01	1DX Ti % 0.001	1DX B PPM 20	1DX Al % 0.01	1DX Na % 0.001	1DX K % 0.01
798549	<0.01	834	1.63	1.3	2.2	180	83	1.44	0.047	12	2	0.21	0.051	<20	0.43	0.056	0.11
798550	<0.01	807	1.53	1.1	2.0	147	72	1.29	0.044	11	3	0.21	0.051	<20	0.43	0.059	0.12
Pulp Duplicate																	
624346																	
624346r																	
624286																	
624286r																	
624353																	
624353r																	
624264	<0.01	557	1.21	0.2	0.6	343	34	0.99	0.058	9	1	0.16	0.012	<20	1.97	1.225	0.26
624264r	<0.01	552	1.21	0.2	0.6	345	36	0.96	0.061	9	<1	0.16	0.012	<20	1.93	1.233	0.25
624291	<0.01	352	0.90	1.5	1.5	282	37	2.06	0.026	6	2	0.82	0.208	<20	2.11	0.900	0.25
624291r	<0.01	344	0.87	1.4	1.4	270	34	1.98	0.027	6	2	0.81	0.198	<20	2.10	0.889	0.24
624324	<0.01	723	4.25	1.0	1.7	288	213	1.78	0.213	11	1	0.80	0.186	<20	2.31	0.819	0.53
624324r	<0.01	636	3.89	0.9	1.5	258	196	1.56	0.190	11	1	0.73	0.167	<20	2.14	0.740	0.49
625863																	
625863r																	
625806																	
625806r																	
625883																	
625883r																	
625932																	
625932r																	
625943																	
625943r																	
625989																	
625989r																	
625910																	
625910r																	

Sample ID	1DX Sc PPM 0.1	1DX Tl PPM 0.1	1DX S % 0.05	1DX Ga PPM 1	1DX Se PPM 0.5
798549	0.9	<0.1	<0.05	3	<0.5
798550	0.8	<0.1	0.08	3	0.5
Pulp Duplicate					
624346					
624346r					
624286					
624286r					
624353					
624353r					
624264	0.8	<0.1	<0.05	3	<0.5
624264r	0.7	<0.1	<0.05	3	<0.5
624291	2.0	<0.1	0.09	3	<0.5
624291r	1.9	<0.1	0.09	3	<0.5
624324	2.1	<0.1	<0.05	6	0.9
624324r	1.9	<0.1	<0.05	5	<0.5
625863					
625863r					
625806					
625806r					
625883					
625883r					
625932					
625932r					
625943					
625943r					
625989					
625989r					
625910					
625910r					

APPENDIX III - QC/QA RESULTS

Sample ID	Lab Report	3B Au PPB 2	1DX Au PPB 0.5	1DX Cu PPM 0.1	1DX Ag PPM 0.1	1DX As PPM 0.5	1DX Sb PPM 0.1	1DX Pb PPM 0.1	1DX Zn PPM 1	1DX Bi PPM 0.1	1DX Cd PPM 0.1	1DX Mo PPM 0.1	1DX Ni PPM 0.1	1DX Co PPM 0.1	1DX Ba PPM 1	1DX W PPM 0.1
625852	van08 4182		<0.5	4.6	<0.1	0.5	0.1	6.0	30	<0.1	<0.1	0.8	1.4	2.7	417	<0.1
625852r	van08 4182		1.2	4.4	<0.1	1.0	0.1	6.8	33	<0.1	0.1	0.8	1.7	2.7	425	<0.1
625891	van08 4182	2														
625891r	van08 4182	2														
625989	van08 4182	17														
625989r	van08 4182	17														
625949	van08 4182		10.6	103.7	<0.1	<0.5	0.1	3.6	21	<0.1	<0.1	0.4	0.5	0.9	192	<0.1
625949r	van08 4182		1.4	106.9	0.1	<0.5	0.1	4.1	20	<0.1	0.1	0.5	0.5	0.9	211	<0.1
625910	van08 4182		2.3	101.3	<0.1	<0.5	<0.1	6.6	23	<0.1	0.1	1.1	0.9	1.8	72	0.2
625910r	van08 4182		1.4	96.9	<0.1	0.9	<0.1	6.9	24	<0.1	<0.1	1.2	0.8	1.9	73	0.1
625983	van08 4182		23.7	1250.0	1.0	1.9	<0.1	11.4	79	0.2	0.3	0.5	0.9	4.4	42	0.2
625983r	van08 4182		6.5	1165.0	0.9	1.9	<0.1	10.2	72	0.2	0.3	0.4	0.7	4.1	39	0.2
625902	van08 4182		6.1	186.0	<0.1	<0.5	<0.1	2.3	27	<0.1	<0.1	0.3	1.9	2.4	167	0.3
625902r	van08 4182		0.9	180.3	<0.1	<0.5	<0.1	2.2	25	<0.1	<0.1	0.3	1.5	2.4	166	0.3
624362	a800298	<2	<0.5	113.6	0.2	0.8	0.2	11.4	30	<0.1	0.1	0.5	0.4	1.0	51	0.1
624362r	a800298	<2	<0.5	111.2	0.2	0.8	0.2	10.8	31	<0.1	0.1	0.5	0.3	1.0	51	0.1
624395	a800298	2	0.6	47.5	<0.1	0.6	0.1	1.3	18	<0.1	<0.1	0.3	0.3	1.2	34	<0.1
624395r	a800298	<2	0.7	42.8	<0.1	0.6	0.1	1.3	17	<0.1	<0.1	0.3	0.5	1.2	35	<0.1
624450	a800298	<2	<0.5	325.1	0.3	<0.5	0.1	5.9	31	<0.1	0.2	0.7	0.7	1.4	51	<0.1
624450r	a800298	<2	<0.5	325.6	0.2	<0.5	0.1	6.1	33	<0.1	0.2	0.7	0.4	1.5	52	<0.1
624476	a800298	7	1.2	797.2	0.4	<0.5	0.1	4.8	120	<0.1	1.1	3.5	0.5	2.8	49	0.1
624476r	a800298	3	1.8	803.2	0.5	0.5	0.1	4.8	113	<0.1	1.1	3.6	0.6	2.7	47	0.2
624499	a800298	4	0.7	212.9	0.2	1.2	0.1	6.9	29	<0.1	0.1	0.6	0.5	1.3	84	<0.1
624499r	a800298	<2	1.1	225.1	0.2	1.0	0.1	7.1	29	<0.1	0.1	0.6	0.8	1.5	87	<0.1
625783	a800298	26	15.5	1456.8	0.9	0.9	0.2	5.9	83	0.2	0.4	0.5	0.7	4.3	63	0.2
625783r	a800298	24	11.0	1509.4	0.9	1.3	0.2	6.1	89	0.2	0.4	0.6	0.6	4.5	67	0.2
798508	van08 4174	9														
798508r	van08 4174	8														
798555	van08 4174	7														
798555r	van08 4174	4														

APPENDIX III - QC/QA RESULTS

Sample ID	1DX Hg PPM 0.01	1DX Mn PPM 1	1DX Fe % 0.01	1DX U PPM 0.1	1DX Th PPM 0.1	1DX Sr PPM 1	1DX V PPM 2	1DX Ca % 0.01	1DX P % 0.001	1DX La PPM 1	1DX Cr PPM 1	1DX Mg % 0.01	1DX Ti % 0.001	1DX B PPM 20	1DX Al % 0.01	1DX Na % 0.001	1DX K % 0.01
625852	<0.01	674	1.18	0.7	1.1	187	34	2.01	0.053	6	4	0.33	0.012	<20	0.40	0.056	0.08
625852r	<0.01	688	1.22	0.7	1.3	191	33	2.12	0.056	7	4	0.34	0.012	<20	0.40	0.058	0.08
625891																	
625891r																	
625989																	
625989r																	
625949	<0.01	345	0.62	0.7	0.8	51	18	0.52	0.009	11	1	0.07	0.001	<20	0.16	0.048	0.09
625949r	0.02	354	0.62	0.8	0.8	49	19	0.53	0.009	11	2	0.07	0.002	<20	0.17	0.051	0.09
625910	<0.01	464	1.21	1.8	3.3	68	71	0.85	0.040	9	3	0.26	0.056	<20	0.38	0.083	0.14
625910r	<0.01	455	1.21	1.6	2.9	71	72	0.85	0.041	9	3	0.25	0.056	<20	0.39	0.081	0.14
625983	0.01	1102	1.61	1.5	2.4	391	94	1.33	0.047	11	2	0.25	0.060	<20	1.59	0.838	0.19
625983r	<0.01	1022	1.51	1.7	2.5	366	89	1.27	0.042	10	2	0.24	0.055	<20	1.49	0.795	0.17
625902	<0.01	591	1.29	0.7	1.3	113	43	1.91	0.060	6	3	0.29	0.018	<20	0.53	0.074	0.10
625902r	<0.01	563	1.25	0.8	1.3	104	41	1.83	0.060	6	3	0.29	0.017	<20	0.50	0.078	0.11
624362	<0.01	213	0.67	0.6	1.6	71	26	0.42	0.012	15	2	0.10	0.003	<20	0.32	0.070	0.13
624362r	<0.01	217	0.69	0.6	1.6	71	28	0.43	0.013	15	2	0.10	0.003	<20	0.33	0.070	0.14
624395	<0.01	346	0.81	0.5	0.9	227	46	1.00	0.013	8	2	0.08	0.019	<20	0.37	0.056	0.08
624395r	<0.01	348	0.79	0.5	0.9	225	46	0.99	0.012	7	2	0.07	0.017	<20	0.36	0.057	0.08
624450	0.01	316	0.86	1.2	2.6	74	35	0.74	0.013	13	1	0.08	0.003	<20	0.30	0.052	0.12
624450r	<0.01	320	0.86	1.8	3.6	76	35	0.76	0.013	13	1	0.09	0.004	<20	0.30	0.052	0.12
624476	0.01	535	0.69	0.6	1.2	68	28	0.93	0.015	11	1	0.05	0.003	<20	0.26	0.056	0.13
624476r	0.02	521	0.67	0.7	1.2	69	25	0.94	0.015	12	2	0.05	0.003	<20	0.25	0.052	0.13
624499	<0.01	506	0.64	0.6	0.8	236	25	1.59	0.019	11	2	0.07	0.004	<20	0.37	0.043	0.16
624499r	<0.01	526	0.67	0.6	0.9	257	26	1.68	0.020	12	2	0.07	0.005	<20	0.40	0.045	0.17
625783	0.05	1016	1.71	2.4	3.9	251	92	0.92	0.049	10	2	0.25	0.056	<20	1.27	0.627	0.27
625783r	0.05	1143	1.89	2.8	4.5	278	104	1.07	0.051	11	2	0.27	0.065	<20	1.38	0.651	0.29
798508																	
798508r																	
798555																	
798555r																	

Sample ID	1DX Sc PPM 0.1	1DX Tl PPM 0.1	1DX S % 0.05	1DX Ga PPM 1	1DX Se PPM 0.5
625852	3.0	<0.1	<0.05	1	<0.5
625852r	3.1	<0.1	<0.05	1	<0.5
625891					
625891r					
625989					
625989r					
625949	0.2	<0.1	<0.05	<1	<0.5
625949r	0.3	<0.1	<0.05	<1	<0.5
625910	1.0	<0.1	<0.05	2	0.6
625910r	0.9	<0.1	<0.05	2	<0.5
625983	0.9	<0.1	0.07	4	0.7
625983r	0.9	<0.1	0.06	4	0.9
625902	3.4	<0.1	<0.05	2	<0.5
625902r	3.3	<0.1	<0.05	2	<0.5
624362	0.4	<0.1	<0.05	1	0.5
624362r	0.3	<0.1	<0.05	1	<0.5
624395	0.3	<0.1	<0.05	1	<0.5
624395r	0.3	<0.1	<0.05	1	<0.5
624450	0.2	<0.1	0.06	2	<0.5
624450r	0.2	<0.1	<0.05	2	<0.5
624476	0.2	<0.1	0.11	1	<0.5
624476r	0.2	<0.1	0.10	1	0.6
624499	0.4	<0.1	<0.05	1	<0.5
624499r	0.5	<0.1	<0.05	2	<0.5
625783	1.2	<0.1	0.09	4	1.4
625783r	1.2	<0.1	0.11	4	1.3
798508					
798508r					
798555					
798555r					

Sample ID	Lab Report	3B Au PPB 2	1DX Au PPB 0.5	1DX Cu PPM 0.1	1DX Ag PPM 0.1	1DX As PPM 0.5	1DX Sb PPM 0.1	1DX Pb PPM 0.1	1DX Zn PPM 1	1DX Bi PPM 0.1	1DX Cd PPM 0.1	1DX Mo PPM 0.1	1DX Ni PPM 0.1	1DX Co PPM 0.1	1DX Ba PPM 1	1DX W PPM 0.1
798546	van08 4174		2.1	637.9	0.2	1.0	0.2	6.7	47	<0.1	<0.1	0.8	0.9	3.7	39	<0.1
798546r	van08 4174		5.2	634.7	0.2	0.6	0.2	5.7	47	<0.1	<0.1	0.6	0.7	3.7	38	<0.1
Reject Duplicates:																
624362	a800298	<2	<0.5	113.6	0.2	0.8	0.2	11.4	30	<0.1	0.1	0.5	0.4	1.0	51	0.1
RRE 624362	a800298	<2	<0.5	109.7	0.2	0.7	0.2	10.9	30	<0.1	0.2	0.5	0.6	1.0	46	0.1
624395	a800298	2	0.6	47.5	<0.1	0.6	0.1	1.3	18	<0.1	<0.1	0.3	0.3	1.2	34	<0.1
RRE 624395	a800298	4	0.9	42.4	<0.1	1.2	0.1	1.3	17	<0.1	<0.1	0.2	0.3	1.2	38	0.1
624450	a800298	<2	<0.5	325.1	0.3	<0.5	0.1	5.9	31	<0.1	0.2	0.7	0.7	1.4	51	<0.1
RRE 624450	a800298	<2	0.8	277.0	0.2	<0.5	0.1	5.7	34	<0.1	0.2	0.7	0.5	1.5	47	<0.1
624476	a800298	7	1.2	797.2	0.4	<0.5	0.1	4.8	120	<0.1	1.1	3.5	0.5	2.8	49	0.1
RRE 624476	a800298	5	1.9	774.9	0.5	<0.5	0.1	5.0	114	<0.1	1.2	3.2	0.3	2.7	44	0.2
624499	a800298	4	0.7	212.9	0.2	1.2	0.1	6.9	29	<0.1	0.1	0.6	0.5	1.3	84	<0.1
RRE 624499	a800298	<2	0.9	197.9	0.1	1.1	0.1	6.6	29	<0.1	0.1	0.4	0.3	1.3	87	<0.1
625783	a800298	26	15.5	1456.8	0.9	0.9	0.2	5.9	83	0.2	0.4	0.5	0.7	4.3	63	0.2
RRE 625783	a800298	30	13.9	1174.5	0.8	1.3	0.2	5.6	81	0.1	0.2	0.7	1.1	4.2	73	0.2
Reference Materials:																
STD OXD57	van08 3725	430														
STD OXD57	van08 3725	426														
STD OXD57	van08 3725	438														
STD OXD57	van08 3725	445														
STD OXD57	van08 3725	426														
STD OXD57	van08 3725	428														
STD OXD57	van08 3725	435														
STD OXD57	van08 3725	431														
STD OXD57	van08 3725	399														
STD OXD57	van08 4182	410														
STD OXD57	van08 4182	422														
STD OXD57	van08 4182	423														
STD OXD57	van08 4182	393														
STD OXD57	van08 4182	414														
STD OXD57	van08 4182	411														

Sample ID	1DX Hg PPM 0.01	1DX Mn PPM 1	1DX Fe % 0.01	1DX U PPM 0.1	1DX Th PPM 0.1	1DX Sr PPM 1	1DX V PPM 2	1DX Ca % 0.01	1DX P % 0.001	1DX La PPM 1	1DX Cr PPM 1	1DX Mg % 0.01	1DX Ti % 0.001	1DX B PPM 20	1DX Al % 0.01	1DX Na % 0.001	1DX K % 0.01
798546	<0.01	905	1.45	2.1	3.7	176	73	1.18	0.037	10	3	0.27	0.031	<20	0.48	0.050	0.10
798546r	<0.01	866	1.40	1.4	3.0	177	72	1.17	0.037	10	2	0.26	0.031	<20	0.47	0.049	0.10
Reject Duplica																	
624362	<0.01	213	0.67	0.6	1.6	71	26	0.42	0.012	15	2	0.10	0.003	<20	0.32	0.070	0.13
RRE 624362	<0.01	209	0.68	0.6	1.7	67	26	0.41	0.014	15	2	0.10	0.003	<20	0.31	0.066	0.13
624395	<0.01	346	0.81	0.5	0.9	227	46	1.00	0.013	8	2	0.08	0.019	<20	0.37	0.056	0.08
RRE 624395	<0.01	330	0.79	0.5	0.9	225	46	0.90	0.013	8	3	0.07	0.020	<20	0.36	0.058	0.08
624450	0.01	316	0.86	1.2	2.6	74	35	0.74	0.013	13	1	0.08	0.003	<20	0.30	0.052	0.12
RRE 624450	0.01	341	0.90	0.7	1.6	57	38	0.78	0.014	13	2	0.09	0.003	<20	0.29	0.045	0.11
624476	0.01	535	0.69	0.6	1.2	68	28	0.93	0.015	11	1	0.05	0.003	<20	0.26	0.056	0.13
RRE 624476	0.02	531	0.66	0.7	1.3	68	27	0.96	0.015	12	1	0.05	0.003	<20	0.24	0.049	0.13
624499	<0.01	506	0.64	0.6	0.8	236	25	1.59	0.019	11	2	0.07	0.004	<20	0.37	0.043	0.16
RRE 624499	0.01	505	0.66	0.5	0.9	248	24	1.63	0.021	12	1	0.07	0.004	<20	0.38	0.045	0.16
625783	0.05	1016	1.71	2.4	3.9	251	92	0.92	0.049	10	2	0.25	0.056	<20	1.27	0.627	0.27
RRE 625783	0.04	988	1.76	3.8	6.2	337	89	0.89	0.050	12	2	0.26	0.072	<20	1.42	0.747	0.30
Reference Mat																	
STD OXD57																	
STD OXD57																	
STD OXD57																	
STD OXD57																	
STD OXD57																	
STD OXD57																	
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STD OXD57																	
STD OXD57																	

Sample ID	1DX Sc PPM 0.1	1DX Tl PPM 0.1	1DX S % 0.05	1DX Ga PPM 1	1DX Se PPM 0.5
798546	0.7	<0.1	0.06	3	0.7
798546r	0.7	<0.1	0.06	3	<0.5
Reject Duplica					
624362	0.4	<0.1	<0.05	1	0.5
RRE 624362	0.3	<0.1	<0.05	1	<0.5
624395	0.3	<0.1	<0.05	1	<0.5
RRE 624395	0.3	<0.1	<0.05	1	<0.5
624450	0.2	<0.1	0.06	2	<0.5
RRE 624450	0.3	<0.1	<0.05	1	<0.5
624476	0.2	<0.1	0.11	1	<0.5
RRE 624476	0.3	<0.1	0.10	1	0.5
624499	0.4	<0.1	<0.05	1	<0.5
RRE 624499	0.5	<0.1	<0.05	2	<0.5
625783	1.2	<0.1	0.09	4	1.4
RRE 625783	1.2	<0.1	0.09	4	0.6
Reference Mat					
STD OXD57					
STD OXD57					
STD OXD57					
STD OXD57					
STD OXD57					
STD OXD57					
STD OXD57					
STD OXD57					
STD OXD57					
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STD OXD57					
STD OXD57					

Sample ID	Lab Report	3B Au PPB 2	1DX Au PPB 0.5	1DX Cu PPM 0.1	1DX Ag PPM 0.1	1DX As PPM 0.5	1DX Sb PPM 0.1	1DX Pb PPM 0.1	1DX Zn PPM 1	1DX Bi PPM 0.1	1DX Cd PPM 0.1	1DX Mo PPM 0.1	1DX Ni PPM 0.1	1DX Co PPM 0.1	1DX Ba PPM 1	1DX W PPM 0.1
STD OXD57	van08 4182	414														
STD OXD57	van08 4182	401														
STD OXD57	van08 4182	426														
STD OXD57	van08 4182	413														
STD OXD57	van08 4182	420														
STD OXD57	van08 4182	425														
STD OXD57	van08 4182	410														
STD OXD57	van08 4182	408														
STD OXD57	van08 4182	423														
STD DS7	a800298	412														
STD DS7	a800298	429														
STD DS7	a800298	413														
STD DS7	a800298	410														
STD DS7	a800298	408														
STD DS7	a800298	416														
STD DS7	a800298	420														
STD DS7	a800299	427														
STD OXD57	van08 4174	412														
STD OXD57	van08 4174	412														
STD OXD57	van08 4174	422														
STD OXD57	van08 4174	418														
STD OXD57	van08 4174	414														
STD OXD57	van08 4174	411														
STD DS7	van08 3725		44.8	98.7	0.8	52.8	5.7	76.2	389	5.1	6.3	21.2	51.9	8.7	374	3.4
STD DS7	van08 3725		41.7	100.0	1.0	50.4	5.9	72.4	386	5.0	5.8	21.5	55.2	9.3	376	3.5
STD DS7	van08 3725		98.7	101.5	0.8	51.5	5.4	79.8	403	5.2	6.9	22.4	62.1	9.9	396	3.6
STD DS7	van08 3725		48.3	106.3	0.8	52.8	5.2	75.4	392	4.7	6.2	22.7	62.5	10.4	370	3.2
STD DS7	van08 3725		57.7	114.0	0.8	47.8	5.9	75.8	390	5.1	6.1	19.4	53.2	8.9	386	3.5
STD DS7	van08 3725		58.9	107.2	0.8	50.4	5.6	72.1	385	5.0	6.3	19.3	52.5	8.9	380	3.5
STD DS7	van08 3725		46.7	99.1	0.9	48.9	5.1	73.6	394	5.1	6.1	20.0	55.9	9.3	384	3.5
STD DS7	van08 3725		57.4	97.0	0.8	50.5	5.2	72.4	379	4.8	6.3	20.1	57.3	9.5	373	3.4
STD DS7	van08 3725		61.7	93.3	0.8	44.5	5.2	66.7	368	4.7	5.8	18.9	52.4	8.9	356	3.0
STD DS7	van08 3725		56.3	97.9	0.8	51.5	5.2	65.0	375	4.5	5.6	19.2	52.0	8.9	358	2.8
STD DS7	van08 3725		47.6	101.0	0.8	51.4	5.3	74.8	402	5.2	6.5	20.8	56.3	9.2	394	3.8
STD DS7	van08 3725		98.4	109.2	0.8	53.4	5.5	76.5	422	5.2	6.6	21.2	59.8	9.6	397	3.6

Sample ID	1DX Hg PPM	1DX Mn PPM	1DX Fe %	1DX U PPM	1DX Th PPM	1DX Sr PPM	1DX V PPM	1DX Ca %	1DX P %	1DX La PPM	1DX Cr PPM	1DX Mg %	1DX Ti %	1DX B PPM	1DX Al %	1DX Na %	1DX K %
	0.01	1	0.01	0.1	0.1	1	2	0.01	0.001	1	1	0.01	0.001	20	0.01	0.001	0.01
STD OXD57																	
STD OXD57																	
STD OXD57																	
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STD OXD57																	
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STD OXD57																	
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STD OXD57																	
STD OXD57																	
STD OXD57																	
STD OXD57																	
STD DS7	0.19	573	2.29	6.0	5.9	74	79	0.91	0.077	12	185	0.99	0.111	34	0.95	0.087	0.41
STD DS7	0.20	611	2.29	5.4	4.9	74	83	0.92	0.075	12	181	1.00	0.116	33	0.95	0.076	0.43
STD DS7	0.21	592	2.35	5.5	5.0	71	90	0.95	0.076	13	201	1.02	0.122	29	0.97	0.089	0.40
STD DS7	0.19	623	2.40	5.5	4.9	70	89	0.97	0.075	13	196	1.07	0.122	33	1.02	0.081	0.42
STD DS7	0.21	602	2.35	5.1	5.3	77	80	0.93	0.075	12	180	1.03	0.113	23	0.97	0.087	0.44
STD DS7	0.19	591	2.22	4.9	4.5	75	79	0.89	0.073	12	173	1.00	0.110	23	0.93	0.080	0.43
STD DS7	0.19	597	2.28	5.1	4.7	71	84	0.91	0.069	12	191	0.99	0.120	48	0.94	0.080	0.40
STD DS7	0.20	595	2.27	4.7	4.5	67	84	0.89	0.072	11	187	0.99	0.109	36	0.91	0.075	0.40
STD DS7	0.17	566	2.18	4.5	4.1	70	82	0.88	0.067	12	182	0.93	0.110	44	0.93	0.076	0.39
STD DS7	0.17	581	2.25	4.5	4.3	72	85	0.89	0.074	12	183	0.96	0.115	39	0.96	0.082	0.39
STD DS7	0.19	605	2.35	5.3	4.7	70	85	0.95	0.081	12	185	1.04	0.119	38	0.97	0.089	0.46
STD DS7	0.19	629	2.39	5.0	4.6	74	88	0.97	0.083	11	194	1.06	0.123	29	1.01	0.087	0.46

Sample ID	1DX Sc PPM	1DX Tl PPM	1DX S %	1DX Ga PPM	1DX Se PPM
	0.1	0.1	0.05	1	0.5
STD OXD57					
STD OXD57					
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STD OXD57					
STD OXD57					
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STD DS7					
STD DS7					
STD DS7					
STD DS7					
STD DS7					
STD DS7					
STD DS7					
STD OXD57					
STD OXD57					
STD OXD57					
STD OXD57					
STD OXD57					
STD OXD57					
STD DS7	2.1	4.1	0.19	5	3.8
STD DS7	2.3	3.8	0.19	4	3.1
STD DS7	2.6	4.4	0.20	4	3.5
STD DS7	2.4	4.0	0.20	5	4.1
STD DS7	2.2	4.3	0.19	5	3.6
STD DS7	2.1	3.9	0.18	4	3.8
STD DS7	2.4	4.4	0.19	4	3.7
STD DS7	2.3	4.3	0.19	4	2.7
STD DS7	2.1	3.7	0.19	4	3.4
STD DS7	2.1	3.7	0.20	4	3.2
STD DS7	2.3	4.2	0.20	5	3.5
STD DS7	2.3	4.5	0.20	5	3.6

APPENDIX III - QC/QA RESULTS

Sample ID	Lab Report	3B Au PPB 2	1DX Au PPB 0.5	1DX Cu PPM 0.1	1DX Ag PPM 0.1	1DX As PPM 0.5	1DX Sb PPM 0.1	1DX Pb PPM 0.1	1DX Zn PPM 1	1DX Bi PPM 0.1	1DX Cd PPM 0.1	1DX Mo PPM 0.1	1DX Ni PPM 0.1	1DX Co PPM 0.1	1DX Ba PPM 1	1DX W PPM 0.1
STD DS7	van08 4182		52.0	103.2	0.8	48.0	5.3	69.2	384	4.7	6.6	21.5	51.7	8.8	382	3.3
STD DS7	van08 4182		62.2	102.9	0.8	50.7	5.2	64.9	410	4.5	6.6	19.5	55.6	9.2	400	3.5
STD DS7	van08 4182		47.4	100.1	0.8	47.7	4.7	65.7	379	4.2	6.3	22.7	53.4	8.5	364	3.4
STD DS7	van08 4182		64.5	96.2	0.7	44.5	4.8	62.6	364	4.2	6.1	19.1	49.7	8.3	351	3.3
STD DS7	van08 4182		51.3	101.9	0.7	49.1	4.9	63.6	379	4.1	6.1	19.2	50.7	8.4	369	3.2
STD DS7	van08 4182		47.9	91.5	0.7	45.4	5.0	65.2	369	4.2	6.2	18.5	48.9	8.7	359	3.5
STD DS7	van08 4182		52.8	95.1	0.7	49.9	5.1	60.8	373	4.2	5.8	17.4	50.5	8.3	366	3.8
STD DS7	van08 4182		52.2	101.5	0.8	52.2	5.6	64.8	388	4.5	6.1	18.9	51.5	8.8	391	3.4
STD DS7	van08 4182		56.2	95.5	0.8	46.0	4.8	62.4	370	4.5	6.3	20.1	50.8	8.9	359	3.5
STD DS7	van08 4182		63.3	106.0	0.8	49.8	4.9	67.6	400	4.8	6.6	21.1	59.9	9.3	384	3.5
STD DS7	van08 4182		55.3	99.2	0.8	49.5	4.4	72.0	382	4.8	6.5	20.4	52.2	9.4	398	3.7
STD DS7	van08 4182		59.4	105.9	1.0	48.7	4.6	74.8	400	5.1	6.9	21.7	56.1	9.9	411	4.0
STD DS7	a800298		54.8	106.0	0.8	50.2	5.3	65.7	404	4.5	6.6	19.0	54.4	9.0	372	3.7
STD DS7	a800298		55.4	110.8	0.9	48.9	5.5	68.0	424	4.6	6.6	20.0	57.4	9.5	370	3.8
STD DS7	a800298		72.3	111.9	0.9	50.3	5.6	67.2	429	4.5	6.5	20.0	56.7	9.5	387	4.0
STD DS7	a800298		55.8	116.4	0.9	48.9	6.6	69.5	432	4.9	6.8	21.5	57.9	9.7	401	3.7
STD DS7	a800298		75.4	107.6	0.9	47.4	4.3	61.1	392	4.1	6.2	20.7	56.8	9.4	391	3.6
STD DS7	a800298		54.5	113.3	0.9	51.3	4.7	64.5	440	4.3	7.0	21.9	59.6	10.1	413	3.5
STD DS7	a800298		55.4	108.9	0.9	53.5	3.9	72.6	416	4.9	6.6	20.0	56.3	9.2	396	3.7
STD DS7	a800299		46.1	111.2	0.9	50.2	4.4	70.3	406	4.7	6.2	21.0	58.9	9.3	371	3.4
STD DS7	a800339		61.1	102.8	0.8	45.6	3.9	68.1	384	4.2	5.7	18.1	53.0	9.5	344	4.0
STD DS7	van08 4174		65.0	102.7	0.8	46.1	5.0	73.2	387	4.9	6.1	20.2	54.4	9.2	377	3.7
STD DS7	van08 4174		73.8	96.5	0.9	43.6	5.0	69.5	361	4.5	5.5	19.7	54.0	8.5	352	3.6
STD DS7	van08 4174		52.8	108.3	0.8	48.3	5.3	71.6	392	4.9	6.3	22.1	55.7	9.4	396	3.7
STD DS7	van08 4174		49.4	101.2	0.8	49.4	5.2	69.2	373	4.6	5.9	21.1	54.4	9.1	365	3.2
STD DS7	van08 4174		58.6	103.7	0.8	51.6	4.7	56.9	411	4.0	6.9	21.2	57.5	9.8	404	3.7
STD DS7	van08 4174		44.0	98.5	0.8	47.1	4.4	55.4	382	3.8	6.2	19.5	57.0	9.7	383	3.3
STD DS7	van08 4174		95.1	102.5	0.8	42.6	4.2	68.6	384	3.5	6.0	20.7	54.2	9.4	376	3.4
STD DS7	van08 4174		65.6	104.3	0.9	51.5	4.7	71.6	402	3.6	6.3	22.1	55.9	9.4	387	3.5

Discovery Consultants
W.R. Gilmour, PGeo
September 2, 2008

APPENDIX III - QC/QA RESULTS

Sample ID	1DX Hg PPM 0.01	1DX Mn PPM 1	1DX Fe % 0.01	1DX U PPM 0.1	1DX Th PPM 0.1	1DX Sr PPM 1	1DX V PPM 2	1DX Ca % 0.01	1DX P % 0.001	1DX La PPM 1	1DX Cr PPM 1	1DX Mg % 0.01	1DX Ti % 0.001	1DX B PPM 20	1DX Al % 0.01	1DX Na % 0.001	1DX K % 0.01
STD DS7	0.20	572	2.32	4.7	4.7	73	86	0.92	0.076	12	175	1.01	0.113	32	0.97	0.084	0.42
STD DS7	0.18	585	2.36	5.7	4.5	73	88	0.95	0.077	13	177	1.02	0.111	34	0.99	0.086	0.43
STD DS7	0.18	577	2.21	4.4	4.1	75	82	0.92	0.067	11	180	1.00	0.109	23	0.97	0.072	0.43
STD DS7	0.16	550	2.14	4.7	3.9	66	76	0.86	0.068	10	174	0.97	0.104	30	0.90	0.070	0.39
STD DS7	0.19	592	2.27	4.4	4.2	71	84	0.92	0.071	11	170	1.00	0.107	42	0.97	0.077	0.42
STD DS7	0.17	557	2.19	4.7	4.1	68	80	0.87	0.073	10	169	0.98	0.103	38	0.92	0.075	0.41
STD DS7	0.17	554	2.19	4.4	4.0	67	81	0.86	0.073	10	160	0.96	0.100	34	0.91	0.078	0.41
STD DS7	0.20	573	2.32	4.8	4.5	73	83	0.97	0.075	11	175	1.05	0.109	41	1.01	0.082	0.44
STD DS7	0.18	575	2.20	4.5	4.2	67	85	0.88	0.072	11	173	0.96	0.113	33	0.90	0.083	0.39
STD DS7	0.19	603	2.42	4.8	4.4	70	85	0.95	0.080	12	179	1.04	0.119	42	1.01	0.093	0.44
STD DS7	0.21	598	2.30	4.9	4.7	70	82	0.91	0.076	13	175	1.02	0.114	33	0.98	0.090	0.45
STD DS7	0.21	615	2.38	5.5	5.0	74	87	0.95	0.079	13	182	1.06	0.125	39	1.01	0.095	0.46
STD DS7	0.20	595	2.27	4.7	4.2	66	77	0.89	0.076	11	173	0.99	0.105	37	0.92	0.083	0.41
STD DS7	0.19	631	2.38	5.2	4.4	74	84	0.96	0.079	13	187	1.06	0.115	34	1.00	0.091	0.46
STD DS7	0.20	583	2.31	4.8	4.6	69	80	0.91	0.077	12	179	1.01	0.109	47	0.95	0.085	0.45
STD DS7	0.21	628	2.47	5.5	4.8	72	87	1.00	0.080	13	194	1.07	0.122	47	1.03	0.095	0.46
STD DS7	0.20	627	2.35	4.1	4.1	69	85	0.95	0.080	12	192	1.06	0.111	37	1.04	0.095	0.45
STD DS7	0.20	651	2.57	4.5	4.1	71	82	1.04	0.086	13	204	1.12	0.127	46	1.09	0.099	0.46
STD DS7	0.22	635	2.48	4.8	4.6	75	77	1.02	0.085	13	194	1.08	0.118	44	1.05	0.103	0.45
STD DS7	0.20	600	2.32	4.8	4.3	77	77	0.95	0.080	12	188	1.03	0.114	41	0.98	0.095	0.42
STD DS7	0.19	623	2.31	4.7	4.5	69	81	0.93	0.070	12	190	1.05	0.124	<20	1.03	0.088	0.40
STD DS7	0.21	587	2.26	5.4	4.8	72	81	0.95	0.071	12	184	1.00	0.124	40	0.99	0.086	0.41
STD DS7	0.20	552	2.12	4.6	4.5	69	81	0.89	0.070	11	180	0.96	0.116	39	0.90	0.077	0.38
STD DS7	0.22	585	2.24	5.2	4.8	77	86	0.94	0.076	13	190	1.00	0.128	39	0.98	0.087	0.41
STD DS7	0.19	560	2.11	5.2	5.0	71	79	0.91	0.072	12	182	0.98	0.119	35	0.92	0.082	0.39
STD DS7	0.22	644	2.42	3.9	4.3	64	90	0.98	0.075	11	187	1.07	0.106	36	1.02	0.094	0.44
STD DS7	0.17	607	2.29	3.9	3.6	61	84	0.95	0.073	12	193	1.03	0.106	37	0.97	0.090	0.42
STD DS7	0.20	610	2.31	4.2	3.4	55	87	0.93	0.074	11	192	1.01	0.103	42	0.98	0.094	0.40
STD DS7	0.21	627	2.33	4.3	3.8	55	85	0.93	0.084	12	195	1.03	0.103	35	0.98	0.096	0.42

Sample ID	1DX Sc PPM 0.1	1DX Tl PPM 0.1	1DX S % 0.05	1DX Ga PPM 1	1DX Se PPM 0.5
STD DS7	2.4	4.0	0.20	4	2.9
STD DS7	2.3	3.8	0.20	4	2.3
STD DS7	2.2	3.9	0.18	5	3.8
STD DS7	2.1	3.7	0.18	4	3.9
STD DS7	1.9	3.8	0.18	4	3.9
STD DS7	2.0	3.8	0.18	4	4.0
STD DS7	1.9	3.8	0.18	5	3.3
STD DS7	2.0	3.9	0.19	5	3.5
STD DS7	2.2	3.6	0.19	4	3.6
STD DS7	2.4	4.1	0.22	5	3.6
STD DS7	2.2	4.4	0.20	5	3.5
STD DS7	2.5	4.4	0.20	5	4.2
STD DS7	2.4	4.1	0.19	4	3.1
STD DS7	2.8	4.2	0.19	4	3.4
STD DS7	2.4	4.2	0.21	4	3.3
STD DS7	2.7	4.3	0.21	5	3.8
STD DS7	2.7	4.1	0.20	5	4.0
STD DS7	2.9	4.5	0.23	5	3.2
STD DS7	2.9	4.3	0.21	5	3.7
STD DS7	2.7	3.9	0.20	4	3.3
STD DS7	2.7	4.0	0.19	5	3.6
STD DS7	2.4	4.5	0.20	5	3.3
STD DS7	2.0	4.1	0.19	4	4.0
STD DS7	2.3	4.0	0.20	4	4.2
STD DS7	2.3	3.7	0.20	4	3.6
STD DS7	2.4	4.1	0.21	5	4.0
STD DS7	2.5	4.2	0.20	5	3.1
STD DS7	2.0	4.1	0.21	5	3.0
STD DS7	2.1	4.0	0.20	5	3.9

Xsec@5578575N
Xsec Facing 000°
Scale = 1:500

634450E
634550E
634650E

1060m
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1020m
1000m
980m
960m
940m
920m
900m
880m
860m
840m
820m
800m
780m
760m
740m

784-001

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EOH=279.5m
Dip=90°

LEGEND

766380
766381
766382
766383
766384
Core Sample Locations and ID

0 10 20 30 40 50
metres

DISCOVERY Consultants

Candorado Operating Company Limited
Callinan Mines Limited

Rayfield Property
Drill Section 784-001
Sample Locations

Location: Tin Cup Lake		Mining Jurisdiction: Clinton	
Datum: NAD83	Map Ref.: 092P.025	Scale: 1:500	UTM: 10
Project: 784	Date: Sept.1, 2008	Drawn By: RM	Figure: 5

Xsec@5578575N
Xsec Facing 000°
Scale = 1:500

634450E | 634550E | 634650E

1060m
1040m
1020m
1000m
980m
960m
940m
920m
900m
880m
860m
840m
820m
800m
780m
760m
740m

784-001

ob

ob

51	-
27	-
22	2
75	2
84	2
45	6
25	5
58	-
29	-
28	-
23	9
25	-
32	2
63	-
47	-
90	-
71	-
668	12
568	17
201	4
352	5
1050	24
37	-
87	-
23	-
456	3
63	-
101	-
559	15
98	-
204	4
131	-
233	2
126	2
182	5
176	4
870	16
259	5
35	-
401	5
72	2
213	4
161	4
171	3
79	3
154	3
55	2
101	-
256	6
209	3
163	4
157	3
162	-
139	3
239	3
243	7
527	14
181	5
412	3
85	3
152	-
450	5
85	4
118	3
93	3
212	-
114	-
335	6
79	5
73	-
414	2
89	2
88	3
112	4
111	3
77	3
167	6
139	3
170	-
71	-
88	2
73	2
89	2
84	2
86	2
127	-
123	2
53	-
70	-
59	-
49	-
210	3
85	-
45	-
67	-
106	2

EOH=279.5m
Dip=90°

LEGEND

Values Shown
ppm Cu | ppb Au
0.12 | 0.95
– | <1 ppb Au

0 10 20 30 40 50
metres

DISCOVERY Consultants

Candorado Operating Company Limited
Callinan Mines Limited

Rayfield Property
Drill Section 784-001
Copper-Gold Values

Location: Tin Cup Lake		Mining Jurisdiction: Clinton	
Datum: NAD83	Map Ref.: 092P.025	Scale: 1:500	UTM: 10
Project: 784	Date: Sept.1, 2008	Drawn By: RM	Figure: 6

Xsec@5578575N
Xsec Facing 000°
Scale = 1:500

634450E | 634550E | 634650E

1060m
1040m
1020m
1000m
980m
960m
940m
920m
900m
880m
860m
840m
820m
800m
780m
760m
740m

784-001

ob

ob

clay 20
50
py 65
clay 40
55
jar 85
gran
20
hb syenite

25
clay

45
clay gouge
55

hb syenite
85
dior

20
40
dior
60
30
gouge
syenite
clay gouge
paral
40
hem
15
30-50
calcite
15 ch
15
syenite
15?
dior

clay
15

qtz-carb+ep
15

35

ch
27
dior
45
syenite
45?
dior>syenite
45?
dior

sub paral-30
sub paral
K string + ca
hem

ch
40
dior
40
ch-ep alt dior+dior bx

ch 30

bx 20
maf dike
80
ch-ep alt dior+dior bx
micro frac
40
40
dior-qtz dior
dior-qtz dior

hem, bo
?
40?
dior+biot+ch alt hb

dior+biot+ch alt hb

80
qtz-mag±ep vnlts 40
40?
dior bx-< dior
80
qtz-mag±ep vnlts
40

25 clay gouge

35 kspar-hb-ep vnlt

?
60 qtz str
40 qtz-ca+hem

EOH=279.5m
Dip=90°

LEGEND

45 / diorite — Geological boundary; Angle to core axis; Rock type
45 — Fault location; Angle to core axis
45 / qtz carb — Fracture location; Angle to core axis; Fracture mineralization

0 10 20 30 40 50
metres

DISCOVERY Consultants

Candorado Operating Company Limited
Callinan Mines Limited

Rayfield Property
Drill Section 784-001
Geology

Location: Tin Cup Lake		Mining Jurisdiction: Clinton	
Datum: NAD83	Map Ref.: 092P.025	Scale: 1:500	UTM: 10
Project: 784	Date: Sept.1, 2008	Drawn By: RM	Figure: 7

Xsec@632198E
Xsec Facing 270°
Scale = 1:500

5685300N
5685400N
5685500N

1060m
1040m
1020m
1000m
980m
960m
940m
920m
900m
880m
860m
840m
820m
800m
780m
760m
740m

784-002

ob
ob

Rayfield River

624356
624357
624358
624359
624360
624361
624362
624363
624364
624365
624366
624367
624368
624369
624370
624371
624372
624373
624374
624376
624377
624378
624379
624380
624381
624382
624383
624384
624385
624386
624387
624388
624389
624390
624391
624392
624393
624394
624395
624396
624397
624398
624399
624401
624402
624403
624404
624405
624406

EOH=143.9m
Dip=-50°
EOH o/s 7m West

LEGEND

766380
766381
766382
766383
766384
Core Sample Locations and ID

0 10 20 30 40 50
metres

DISCOVERY Consultants

Candorado Operating Company Limited
Callinan Mines Limited

Rayfield Property
Drill Section 784-002
Sample Locations

Location: Tin Cup Lake		Mining Jurisdiction: Clinton	
Datum: NAD83	Map Ref.: 092P.035	Scale: 1:500	UTM: 10
Project: 784	Date: Sept.1, 2008	Drawn By: RM	Figure: 8

Xsec@632198E
Xsec Facing 270°
Scale = 1:500

5685300N
5685400N
5685500N

1060m
1040m
1020m
1000m
980m
960m
940m
920m
900m
880m
860m
840m
820m
800m
780m
760m
740m

784-002

ob
ob

Rayfield River

EOH=143.9m
Dip=-50°
EOH o/s 7m West

LEGEND

Values Shown
ppm Cu
ppb Au
0.12
0.95
<1 ppb Au

0 10 20 30 40 50
metres

DISCOVERY Consultants

Candorado Operating Company Limited
Callinan Mines Limited

Rayfield Property
Drill Section 784-002
Copper-Gold Values

Location: Tin Cup Lake		Mining Jurisdiction: Clinton	
Datum: NAD83	Map Ref.: 092P.035	Scale: 1:500	UTM: 10
Project: 784	Date: Sept.1, 2008	Drawn By: RM	Figure: 9

Xsec@632198E
Xsec Facing 270°
Scale = 1:500

5685300N
5685400N
5685500N

1060m
1040m
1020m
1000m
980m
960m
940m
920m
900m
880m
860m
840m
820m
800m
780m
760m
740m

784-002

Rayfield River

ob
ob

syenite
FZ alt syenite

FZ alt syenite
alt syenite
FZ-min syenite
fractured-alt syenite
fractured-alt syenite
FZ-min syenite
fractured-alt syenite (granodiorite?)
fractured-alt syenite (granodiorite?)
FZ-alt syenite
alt syenite
FZ-alt syenite
FZ-alt syenite
alt syenite
hem+kspar

ca-lm on fracs
ep,ca,hem,lm 75 43
ep,ca,hem,lm 75 43
ep,ca,hem,lm 75
clay gouge
ep,hem
ep,hem
ep,hem
clay gouge
ep,hem
ep,ca 45 20
clay gouge
clay gouge
clay gouge
70 45 20
clay gouge
clay gouge
25
ca-clay,hem 50 20
clay gouge 25
hem-clay 20 45
crumbly core
hem-clay 10-25
20-30
hem±ch
crumbly core
clay gouge

EOH=143.9m
Dip=-50°
EOH o/s 7m West

LEGEND

45 syenite — Geological boundary; Angle to core axis; Rock type
45 — Fault location; Angle to core axis
45 qtz carb — Fracture location; Angle to core axis; Fracture mineralization

0 10 20 30 40 50
metres

DISCOVERY Consultants

Candorado Operating Company Limited
Callinan Mines Limited

Rayfield Property
Drill Section 784-002
Geology

Location: Tin Cup Lake		Mining Jurisdiction: Clinton	
Datum: NAD83	Map Ref.: 092P.035	Scale: 1:500	UTM: 10
Project: 784	Date: Sept.1, 2008	Drawn By: RM	Figure: 10

Xsec@632198E
Xsec Facing 270°
Scale = 1:500

5686000N
5685900N
5685800N

784-003
784-004

ob
ob

Dng

EOH=44.2m
Dip=-70°
EOH o/s 2.9m East

624407
624408
624409
624410
624411
624412
624413
624414
624415
624416
624417
624418
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624420
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624441
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624460
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624470
624471
624472
624473
624474
624476
624477
624478
624479
624480
624481
624482
624483
624484
624485
624486
624487
624488
624495
624490
624491
624492
624493
624494
624495
624496
624497
624498
624499
625751
625752
625753

EOH=247.1m
Dip=-80°
EOH o/s 6.6m East

1040m
1020m
1000m
980m
960m
940m
920m
900m
880m
860m
840m
820m
800m
780m
760m
740m
720m
700m
680m

LEGEND

766380
766381
766382
766383
766384
Core Sample Locations and ID

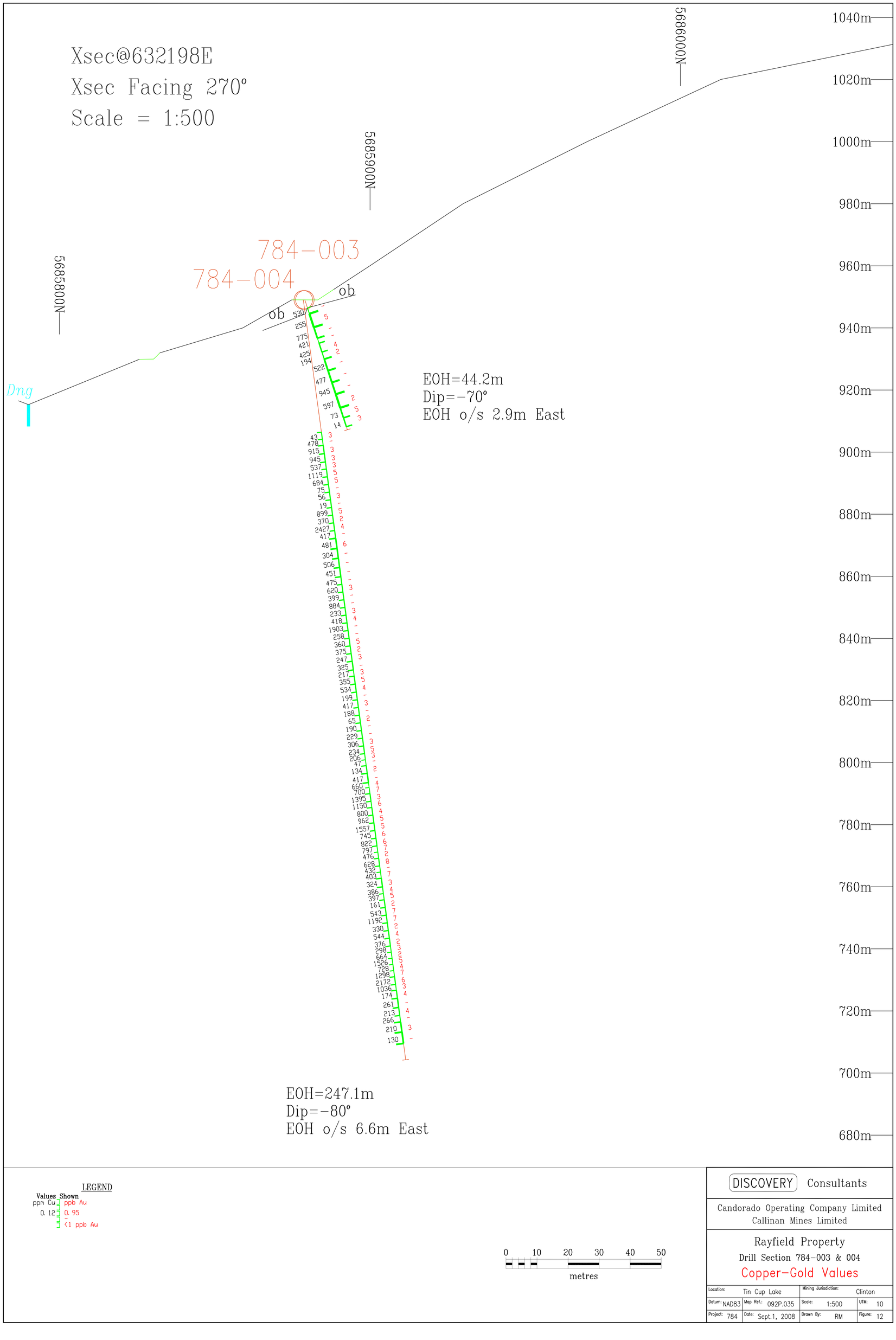
0 10 20 30 40 50
metres

DISCOVERY Consultants

Candorado Operating Company Limited
Callinan Mines Limited

Rayfield Property
Drill Section 784-003 & 004
Sample Locations

Location: Tin Cup Lake		Mining Jurisdiction: Clinton	
Datum: NAD83	Map Ref.: 092P.035	Scale: 1:500	UTM: 10
Project: 784	Date: Sept.1, 2008	Drawn By: RM	Figure: 11



DISCOVERY Consultants

Candorado Operating Company Limited
Callinan Mines Limited

Rayfield Property

Drill Section 784-003 & 004

Copper-Gold Values

Location: Tin Cup Lake		Mining Jurisdiction: Clinton	
Datum: NAD83	Map Ref.: 092P.035	Scale: 1:500	UTM: 10
Project: 784	Date: Sept.1, 2008	Drawn By: RM	Figure: 12

Xsec@632198E
Xsec Facing 270°
Scale = 1:500

5686000N
5685900N
5685800N

784-003
784-004

Dng

ob
ob

lm,hem gouge
oxidized syenite
FZ alt syenite
alt syenite
grey clay gouge
FZ alt syenite
blocky+grey clay gouge
medium grey clay gouge
blocky
medium grey clay gouge
FZ alt syenite
grey clay gouge
alt leuc syenite/monz
medium grey clay gouge
ch±cp
strong clay gouge
alt leuc syenite/monz
medium grey clay gouge
alt leuc syenite
medium grey clay gouge
pale grey calc clay
grey calc gouge
alt leuc syenite
grey calc gouge
+ arg kspar alt
grey calc gouge
FZ alt syenite
alt syenite±monz dykes
ch,hem+bx
Felsic dyke
alt syenite±monz dykes
Felsic dyke
alt leuc syenite
grey calc clay gouge
frac'd
& monz dyke
grad
FZ alt syenite
grey calc clay gouge
weak ch,ca±cp
grad
grey calc clay gouge
kspar alt syen bx
grey calc clay gouge
grey calc clay gouge
kspar alt syen bx
hem,ch clay gouge
purple felsic dyke
LC 65
crumbled+strong clay gouge
FZ alt syenite
crumbled+strong clay gouge
kspar alt syen
ch,hem±gouge
grey calc clay gouge
purple monz dykes
multi 10-20cm ints
purple monz dykes
grey calc clay gouge
FZ alt syenite
hem±ch
grey calc clay gouge
frac'd alt syenite
minor clay gouge
hem±ch
minor clay gouge

EOH=44.2m
Dip=-70°
EOH o/s 2.9m East

EOH=247.1m
Dip=-80°
EOH o/s 6.6m East

1040m
1020m
1000m
980m
960m
940m
920m
900m
880m
860m
840m
820m
800m
780m
760m
740m
720m
700m
680m

LEGEND

45 — Geological boundary
Angle to core axis
syenite — Rock type
45 — Fault location
Angle to core axis
45 — Fracture location
Angle to core axis
qtz carb — Fracture mineralization

0 10 20 30 40 50
metres

DISCOVERY Consultants

Candorado Operating Company Limited
Callinan Mines Limited

Rayfield Property
Drill Section 784-003 & 004
Geology

Location: Tin Cup Lake		Mining Jurisdiction: Clinton	
Datum: NAD83	Map Ref.: 092P.035	Scale: 1:500	UTM: 10
Project: 784	Date: Sept.1, 2008	Drawn By: RM	Figure: 13

632300E
632400E
632500E
632600E
632700E

Xsec@55686530N
Xsec Facing Az.000°
Scale = 1:500

49m South of Xsec
784-006
ob

784-005
ob
ob

12m North of Xsec
784-007
ob

1100m
1080m
1060m
1040m
1020m
1000m
980m
960m
940m
920m
900m
880m
860m
840m
820m
800m
780m
760m
740m

EOH6=291.0m
Dip=-90°
49m South of Xsec

EOH5=300.2m
Dip=-90°
7.9m South of Xsec

EOH7=300.2m
Dip=-90°
6m North of Xsec

LEGEND

766380 766381 766382 766383 766384 Core Sample Locations and ID

0 10 20 30 40 50
metres

DISCOVERY Consultants

Candorado Operating Company Limited
Callinan Mines Limited

Rayfield Property
Drill Section 784-005,006,007
Sample Locations

Location: Tin Cup Lake		Mining Jurisdiction: Clinton	
Datum: NAD83	Map Ref.: 092P.035	Scale: 1:500	UTM: 10
Project: 784	Date: Sept.1, 2008	Drawn By: RM	Figure: 14

632300E | 632400E | 632500E | 632600E | 632700E

Xsec@55686530N
Xsec Facing Az.000°
Scale = 1:500

49m South of Xsec
784-006

784-005

12m North of Xsec
784-007

ob

1100m
1080m
1060m
1040m
1020m
1000m
980m
960m
940m
920m
900m
880m
860m
840m
820m
800m
780m
760m
740m

EOH6=291.0m
Dip=-90°
49m South of Xsec

EOH5=300.2m
Dip=-90°
7.9m South of Xsec

EOH7=300.2m
Dip=-90°
6m North of Xsec

LEGEND

Values Shown
ppm Cu | ppb Au
0.12 | 0.95
- | <1 ppb Au

0 10 20 30 40 50
metres

DISCOVERY Consultants

Candorado Operating Company Limited
Callinan Mines Limited

Rayfield Property
Drill Section 784-005,006,007
Copper-Gold Values

Location: Tin Cup Lake		Mining Jurisdiction: Clinton	
Datum: NAD83	Map Ref.: 092P.035	Scale: 1:500	UTM: 10
Project: 784	Date: Sept.1, 2008	Drawn By: RM	Figure: 15

632300E | 632400E | 632500E | 632600E | 632700E

Xsec@55686530N
Xsec Facing Az.000°
Scale = 1:500

1100m 1080m 1060m 1040m 1020m 1000m 980m 960m 940m 920m 900m 880m 860m 840m 820m 800m 780m 760m 740m

49m South of Xsec
784-006

ob

blocky
bx+lm,hem,mn02
yel gouge
fel dyke+bx ?
oxidized frac'd syenite
?
frac'd
blocky
strong mn02,ch
alt hb syenite + bx
crumbly clay gouge
crackle bx
sil,ch,hem
70-75
int vns,hem±cp
crackle bx
sil,ch,hem
fel dyke w hem,ch frac 30
alt hb syenite + bx
occasional
ch,lm
diffused
felsic dyke
bx
?
frac'd
very frac'd hb syen + bx
lm,mn02±hem
?
bx
fel dyke bx
?
mn02±hem,lm
FZ crumbly ca,ch gouge
mn02,lm,hem±ch,ca
syen bx
?
frac'd
crumbly ca,ch gouge
FZ frac'd hb syen ± bx
frac'd
very frac'd syen bx
gouge
very frac'd syen bx
lm,hem,ca ?
frac'd
gouge
syenite porph
blocky
strong frac lm,mn02,ch,ca
q vnlts±cp
75
lm clay gouge
syenite porph
strong bx
lm,mn02,hem
frac'd
alt hb syen + bx ± fg syen porph
70-75
q vnlts±cp
80
q vnlts±cp
70
q + ch,ep,ca,cp vn
fel dyke+sil
?
alt hb syen + bx ± fg syen porph
calc gouge
hem
20/
20
alt syenite ± hb syen
crumbly clay gouge
blocky
?
slick hem,ch±cp
clay gouge
blocky
ch,hem,ca
ch,ep,hm +bx
25
blocky
kspar,arg
clay gouge
FZ clay gouge
blocky
crumbly
blocky
hem,ch
blocky
kspar
calc gouge
clay gouge
ch±hem,ca
blocky
alt syenite ± hb syen
blocky
minor cp,bo
?
sandy
blocky
alt syenite
blocky
lm
blocky 40
lm,mn02+cu
blocky
ch,hem±cp
calc clay

EOH6=291.0m
Dip=-90°
49m South of Xsec

784-005

ob

50?
alt hb syenite
45-50
rubble ch,ca
hem
45-55
ch,ep,ca
65
grey fel dyklts±cp
blocky 35
hem,ch
35
grey fel dyklt+cp,py
50-75
dyklts±cp,cu
calc gouge
20-30
hem
20-30+45
calc gouge
20-30
dyke+ca+cp
calc gouge
30-40
dyke+ca+cp
50-60
lt bx+calc gouge
65
grey dyke
crumbly calc gouge
vnlts
fel dyke ?
?
grey vnlts+cu
grey vnlts
?
45
grey vnlts+cp
crumbly calc gouge
25-30
crumbly calc gouge
alt hb syenite
grad
syenite pegmatite
70
graph ca,cp
soft gouge
40
red fel dyke+hem
syenite pegmatite
grad
alt hb syenite
45-60
calc clay
70
fel dyke+hem
30
hem,cup
calc clay gouge
crumbly calc gouge
grey vnlts 70-80
20-30
frac ch,ep,hem,ca
20-30
40
mag,hem,ch
alt hb syenite
40
fg syenite dyke
hem,bx
30
30
alt hb syenite
crumbly calc gouge
?
grey fel dyke
45
alt syenite bx
ch shear
30
fg leuc monz/syen
crackle bx
hem,ch,ca
60-70
45
20-30
bx q vnlts
hem
60-70
20-30
ca
30
ca
35
60-90
kspar±ca
70-80
kspar±hem
kspar+hem vns
70-80
ch
70-80
ch
fg leuc monz/syen
45 ca
45
mafic dyke
minor bx
strong ca
70
45
30
ca-bas bx vn
35
35
alt hb syenite

EOH5=300.2m
Dip=-90°
7.9m South of Xsec

12m North of Xsec
784-007

ob

clay gouge+bx
25-70
hb syenite
calc gouge
clay gouge
?
ch,ca hem
multi
grey ch vnlts±cp,bo
clay gouge+bx
clay gouge
40-65
grey dyklts±cp,bo
65-70
ca,ch,ep vns
gouge
?
?
?
?
?
ca,ch,ep,hem±cp,bo
calc gouge
graph gouge
65
fel dyklts±q+cp,bo
50-70
fel dyklts±cp,bo
50?
gouge+ch,ep,hem±cp,bo
50-75
fel dyklts+cp,bo
q±cp,bo
60-70
50-60
q±cp,bo
70
hem±cp,bo
60
40
sil,kspar vnlts
00
60
40
00
??
40-45
q vn +hem
40-60
sil vnlts+cp,bo
fel dyke
40-45
10
sil dyke
15
bleached dyke
?
ch,ca,hem
hb syenite
?
mal,cu02,cu
yel gouge-lm,hem,mn02
?
alt syen-hb syenite
ch,ca,hem
?
ch,lm,hem+cu
alt hb syenite
65
q+pink vnlts
fel dyke+cp 65
alt hb syenite
85
fel dyke/syen porph
90
ca,ch clay 30
alt hb syenite
fel dyke+cp ?
?
vcg hb syenite+k alt
?
alt hb syenite
fel dyke+kspar
45
fel dyke+ch 40
20-30
vnlts+fel dyke±cp,bo
alt hb syenite
?
syen/monz+syen porph
?
ch,hem
clay gouge
Bx+ca ?
ch,ca clay gouge
syen/monz+syen porph
?
syenite porph±cg syen/monz
ch,ca ?
crackle bx

EOH7=300.2m
Dip=-90°
6m North of Xsec

LEGEND

45 — Geological boundary, Angle to core axis
syenite — Rock type
45 — Fault location, Angle to core axis
45 — Fracture location, Angle to core axis
qtz carb — Fracture mineralization

0 10 20 30 40 50
metres

DISCOVERY Consultants

Candorado Operating Company Limited
Callinan Mines Limited

Rayfield Property
Drill Section 784-005,006,007
Geology

Location: Tin Cup Lake		Mining Jurisdiction: Clinton	
Datum: NAD83	Map Ref.: 092P.035	Scale: 1:500	UTM: 10
Project: 784	Date: Sept.1, 2008	Drawn By: RM	Figure: 16