

**Geological Survey Branch
Assessment Report Indexing System**



[ARIS11A]

ARIS Summary Report

Regional Geologist, Smithers

Date Approved: 2005.07.04

Off Confidential: 2005.11.02

ASSESSMENT REPORT: 27646

Mining Division(s): Liard

Property Name: Turnagain Nickel

Location:

NAD 27	Latitude: 58 27 00	Longitude: 128 48 00	UTM: 09	6478619	511674
NAD 83	Latitude: 58 26 59	Longitude: 128 48 06	UTM: 09	6478798	511576
NTS:	104I07W				
BCGS:	104I046				

Camp:

Claim(s): Cub, Cub 2 & 10

Operator(s): Hard Creek Nickel Corp.
Author(s): Baldys, Christopher, Hitchins, Anthony

Report Year: 2005

No. of Pages: 142 Pages

Commodities Searched For: Nickel, Copper, Cobalt, Platinum, Palladium

General Work Categories: DRIL, GEOC

Work Done:

- Drilling
 - DIAD Diamond surface (11 hole(s);BQ) (1622.2 m)
- Geochemical
 - SAMP Sampling/assaying (662 sample(s);)
 - Elements Analyzed For : Multielement

Keywords: Triassic, Turnagain Ultramafic Complex, Ultramafic complex, Dunites, Pyroxenites

Statement Nos.: 3220813

MINFILE Nos.: 104I 014, 104I 119, 104I 120

Related Reports: 01077, 02056, 03735, 04097, 15994, 16458, 24911, 25475, 26576, 27119, 27341

RECEIVED
FEB 24 2005
Gold Commissioner's Office
VANCOUVER, B.C.

TITLE: TURNAGAIN NICKEL PROPERTY
DIAMOND DRILL REPORT ON CUB CLAIMS

CLAIMS WORKED: CUB, CUB 2, CUB 10

RECORD NUMBERS: 345511, 347028, 348274

MINING DIVISION: LIARD

NTS MAP SHEET: 104I/07W

**MINERAL TITLES
REFERENCE MAP:** M104I 046

LATITUDE: 58°27' - 58°30'

LONGITUDE: 128°48' - 128°56'

CLAIM OWNER: HARD CREEK NICKEL CORP.

OPERATOR: HARD CREEK NICKEL CORP.

DATE SUBMITTED: 25 FEBRUARY 2005

AUTHORS: CHRIS BALDYS P. Eng.
ANTHONY HITCHINS, B.A.Sc., M.Sc.

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INTRODUCTION

The Turnagain Property of Hard Creek Nickel Corp. (previously named Canadian Metals Exploration Limited) has been sporadically explored for nickel-copper-platinum-palladium mineralization since the mid-1960s. Disseminated intercumulus sulphide grains and blebs are the most widespread type of mineralization within the ultramafic suite of rocks present on the property. Occasionally, the coalescing sulphide blebs produce net-textured to locally massive sulphide intervals in dunite, wehrlite and olivine pyroxenite.

During 2004, Hard Creek Nickel drilled a number of holes to test for nickel mineralization and the results from 11 of these holes, totaling 1622m, are documented in this report.

PROPERTY DESCRIPTION AND ACCESS

The Turnagain Property is located in the Liard Mining Division, 65 kilometres east of the community of Dease Lake and 1350 kilometres north-northwest of Vancouver (Figure 1). The property covers approximately 24,000 hectares, spread across mineral titles maps 104I 03, 104I 046, 104I 047, 104I 055 and 104I 056, and comprises 50 four-post claims and four electronically acquired claims.. Claim details are summarized in Appendix A and their relative locations illustrated in Figure 2.

The property can be accessed by helicopter and fixed-wing aircraft from Dease Lake to a 700m long gravel strip, located beside the exploration camp and core storage. During the drier summer months, access via the Turnagain River-Kutcho Creek mining road from Dease Lake to the property is possible. Several drill roads provide access to portions of the property on both sides of the Turnagain River.

An exploration camp was constructed on the property in April, 2003. Prior to this date, exploration was based in the placer mining camp located at Wheaton Creek (Boulder City) some 15 km east of the property. All core drilled before late April, 2003, by previous operators and Canadian Metals, is stored at the placer camp. The majority of the core from 2003 program and all of the core from the 2004 drill program is stored in core racks beside the airstrip on the Turnagain property.

The Turnagain property covers a south-facing slope, which begins just above 1780 metres elevation and extends down to the Turnagain River at 1000 metres above sea level.

Outcrop exposure is abundant between tree line and the ridge crest but, except for approximately one percent exposure in the Horsetrail area, is poor over most of the claim block located west of the Turnagain River. Exposure is abundant on the low ridge extending east from the Turnagain River on the Pup 4 claim.

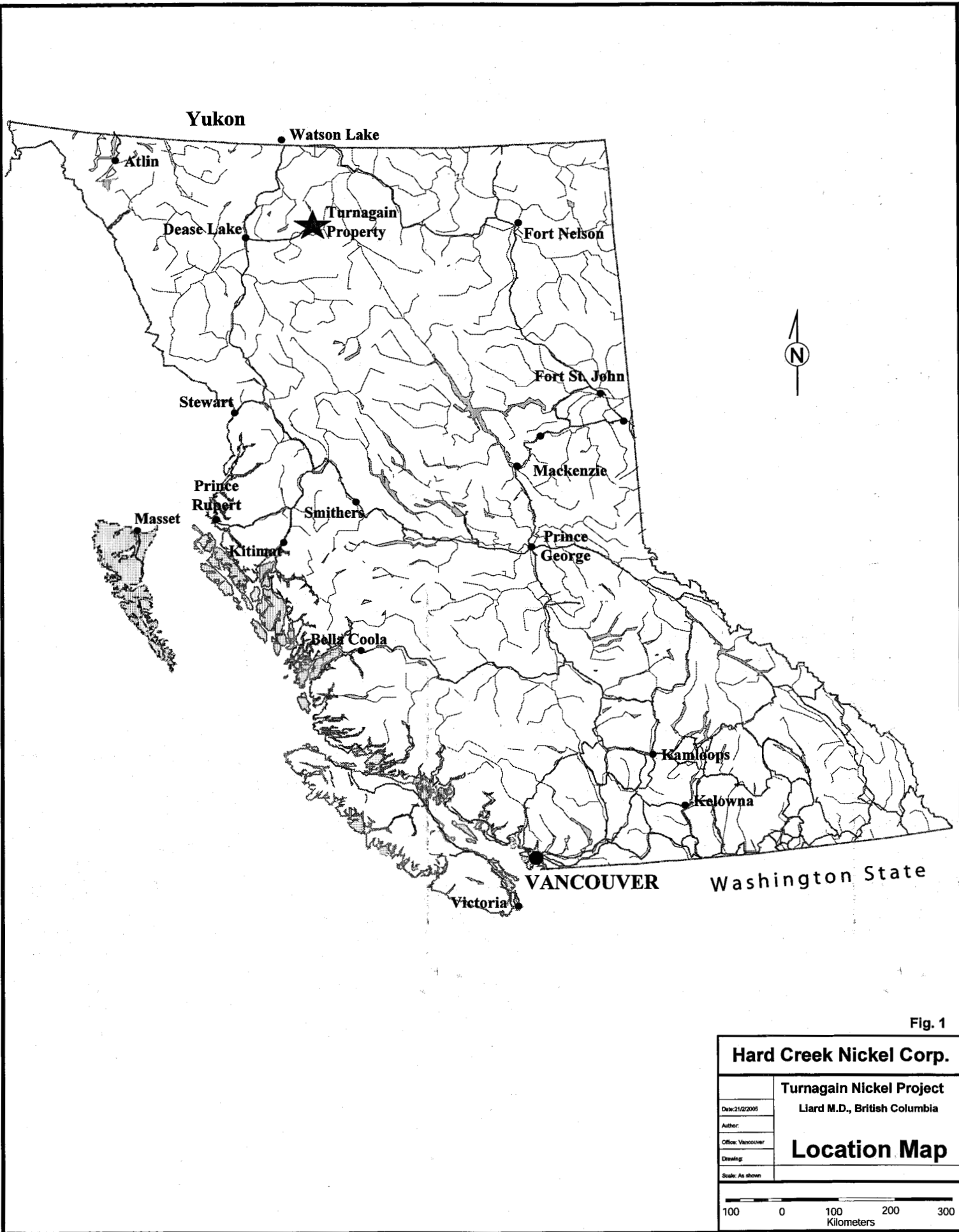


Fig. 1

Hard Creek Nickel Corp.	
Turnagain Nickel Project	
Liard M.D., British Columbia	
Date: 21/2/2005	Location Map
Author:	
Office: Vancouver	
Drawing:	
Scale: As shown	

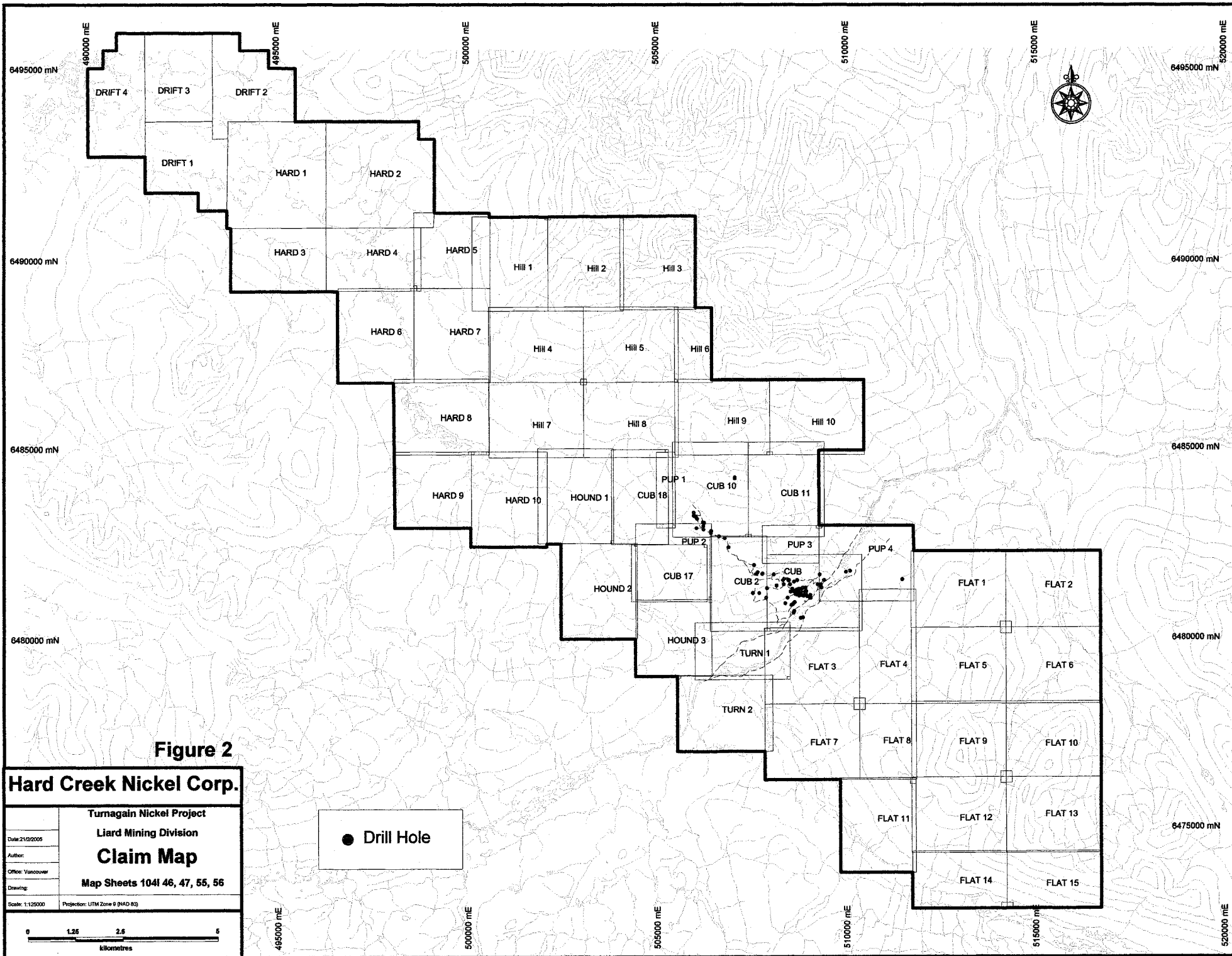


Figure 2

Hard Creek Nickel Corp.	
Turnagain Nickel Project	
Liard Mining Division	
Claim Map	
Map Sheets 104I 46, 47, 55, 56	
Date: 2/12/2005	
Author:	
Office: Vancouver	
Drawing:	
Scale: 1:125000	Projection: UTM Zone 9 (NAD 83)

● Drill Hole

PREVIOUS WORK

Nickel and copper sulphides were first recognized in rusty weathering exposures of the Discovery showing on the bank of the Turnagain River in about 1956. Falconbridge Nickel Mines acquired the property in 1966 and during the next seven years completed an airborne geophysical survey, ground geophysical surveys, geological mapping, geochemical surveys, and 2895 metres of core drilling in approximately 28 widely spaced holes (McDougall and Clark, 1972, 1973). During the early 1970s, adjacent claims were investigated with a geochemical survey by Union Miniere Exploration and Mining Corporation Ltd. (Burgoyne, 1971). Once the Falconbridge and UMEX claims expired, a number of the showings were restaked and tested with short, small diameter core holes. Three EX-sized core holes, totaling 55.5 m, were drilled on the west bank of the Turnagain in 1977 (Brown, 1978). No significant intersections were reported and the collars have not been located. In 1979, a single drill hole for 17 metres was located near the east bank of the Turnagain River and intersected unmineralized quartz diorite (Cukor, 1980).

By the mid-1980s, exploration interest shifted to platinum group elements. The Falconbridge core was re-sampled and a geochemical survey for platinum group elements was conducted for Equinox Resources Ltd. (Cukor, 1987; Page, 1986).

In 1996, Bren-Mar Resources Limited (predecessor to Canadian Metals Exploration Limited) optioned the Cub claim from J. Schussler and E. Hatzl. Between 1996 and 1998, Bren-Mar completed an airborne magnetic survey over 45 square kilometres, 19 core holes for 3889 metres, down-hole pulse electromagnetic survey in four of the 1997-1998 drill holes and preliminary metallurgical test work on drill core composite samples (Livgard, 1996; Downing, 1998).

Canadian Metals Exploration Limited resumed exploration in 2002 with an induced polarization and ground magnetic survey followed by 1687 metres of diamond drilling in seven holes (Downing, 2003; Woods, 2003). The 2003 exploration program emphasized diamond drilling and resulted in 23 holes, including deepening one of the 2002 holes, for a total of 8769 metres. Results from three drill holes were documented by Canadian Metals in 2004 (Baldys, Hitchins, 2004).

Hard Creek Nickel Corp. conducted a comprehensive exploration program over the claim block in 2004, including;

- 1700 line-km helicopter borne magnetic and electromagnetic survey,
- 14 line-km of detailed ground magnetometer, transient EM, and VLF surveys over the Horsetrail Zone,
- transient EM surveys in nine boreholes,
- collection of approximately 3000 soil samples,
- several lines of biogeochemical sample collection
- geological mapping of the exposed ultramafic lithology,
- 1:20,000 scale air photography and preparation of base maps,
- 7,387 metres of core drilling in 49 holes, and
- +4000 core samples analysed for 30 elements including Ni, Cu, Co, S, Pt, and Pd.

GEOLOGICAL SETTING

Regional Setting

The Turnagain nickel property is hosted by an ultramafic complex, of presumed late Triassic age, within Paleozoic metasedimentary and metavolcanic rocks along the faulted terrane boundary between the cratonic margin and accreted terrane. There is some uncertainty as to the age and origin of the Paleozoic rocks adjacent to the Turnagain ultramafic complex and Nixon (1998) has presented two interpretations. One interpretation suggests that the Paleozoic rocks are autochthonous and range in age from Cambrian to Upper Paleozoic – Triassic. An alternative interpretation, and the one favoured by Nixon, places the Turnagain ultramafic complex within an imbricated sequence of Late Paleozoic to Triassic sedimentary and volcanic rocks which were thrust eastward onto the margin of the North American craton. Support for this latter interpretation comes in part from the belief that the Turnagain ultramafic body is a zoned, Alaskan-type complex and other known examples in the northwestern Cordillera occur in accretionary terrane. Despite the differing interpretations, both place the Turnagain ultramafic body along a major terrane boundary, a geological environment similar to many of the major nickel-bearing ultramafic intrusions of the Canadian Shield.

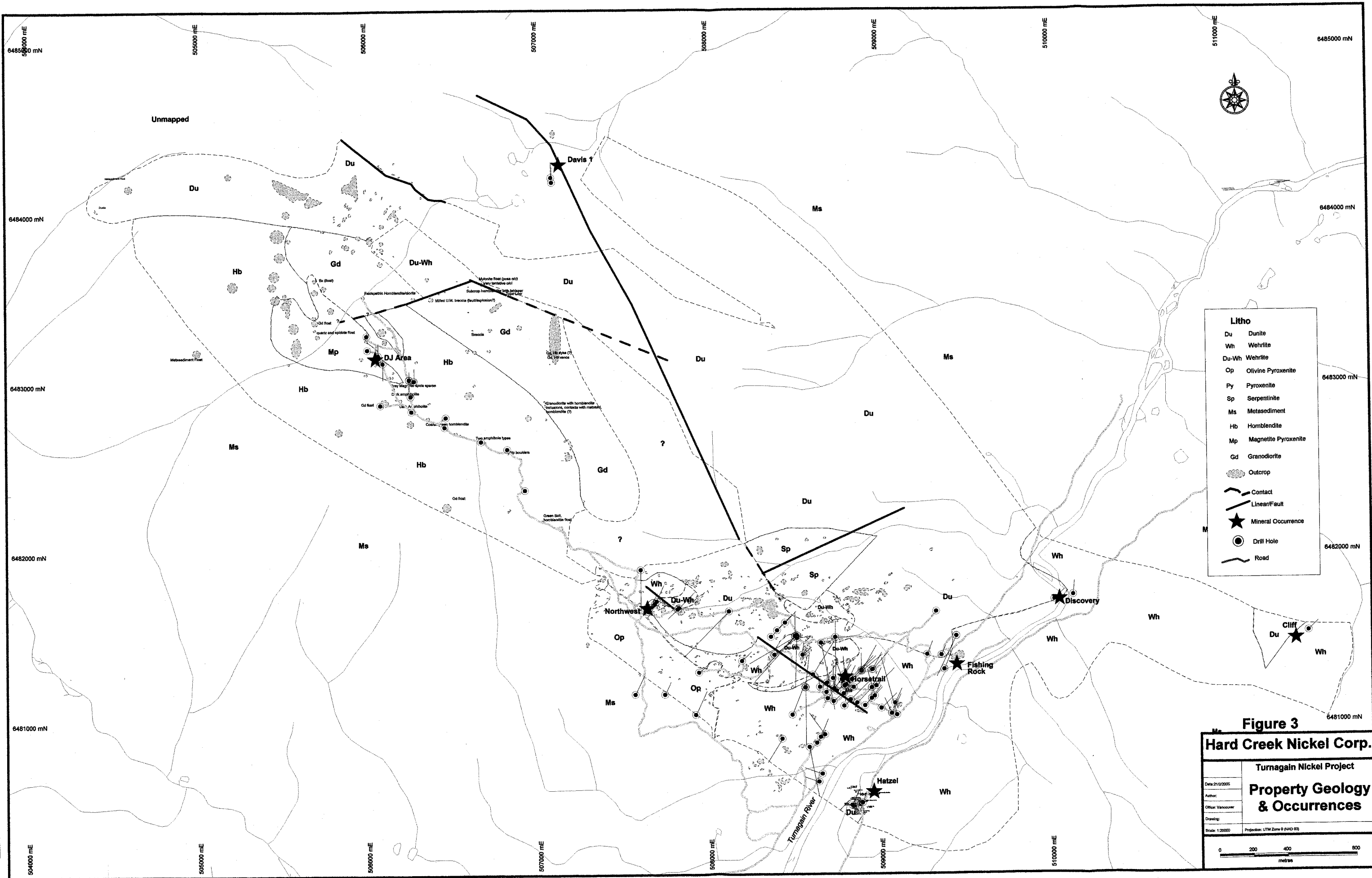
A number of non-zoned, ultramafic bodies are exposed in rocks of the Cache Creek terrane, south and west of the Turnagain ultramafic body. Most of these are strongly serpentinized and host a number of asbestos and jade occurrences.

Property Geology

The property covers the known extent of a zoned, Alaskan-type ultramafic intrusion, which measures 8 kilometres by 3 kilometres and is elongate in northwest direction, conformable to the regional structural grain. The ultramafic body is in fault contact with Paleozoic, graphitic sedimentary rocks along its northern and eastern margins. The southern contact is poorly exposed, but several drill holes have penetrated the contact and intersected deformed, graphitic, phyllitic rocks in fault contact with the ultramafic sequence. Locally, the phyllitic rocks displayed a weak brownish cast, suggestive of minor thermal alteration.

The ultramafic complex consists of a central, well exposed dunite core and an outer zone of less exposed dunite, wehrlite, olivine pyroxenite, pyroxenite and minor hornblendite. All of these rock types and gradations between them have been interpreted as crystal cumulates (Clark, 1980; Nixon, 1998). Narrow bands and schlieren of millimetre-sized chromite crystals have been noted in dunite exposures and drill core. Phlogopite is a minor accessory mineral, but is locally conspicuous in dunite and wehrlite.

Alteration varies from weak to intense serpentinization, with several ages and colours of serpentine present. Most of the prominent magnetic anomaly coinciding with the ultramafic body is thought to result from magnetite produced during serpentinization rather than from cumulus magnetite. Talc replacement of narrow felsic dykes and adjacent wall rock is often intense and is later than most of the serpentine alteration.



Litho

- Du Dunite
- Wh Wehrlite
- Du-Wh Wehrlite
- Op Olivine Pyroxenite
- Py Pyroxenite
- Sp Serpentinite
- Ms Metasediment
- Hb Hornblende
- Mp Magnetite Pyroxenite
- Gd Granodiorite
- Outcrop
- Contact
- Linear/Fault
- Mineral Occurrence
- Drill Hole
- Road

Figure 3
Hard Creek Nickel Corp.
 Turnagain Nickel Project
Property Geology & Occurrences

Date: 21/2/2005
 Author:
 Office: Vancouver
 Drawing:
 Scale: 1:20000 Projection: UTM Zone 9 (NAD 83)

0 200 400 800
 metres

Fine-grained tremolite often occurs with serpentine alteration but does not comprise the majority of some core intervals.

The Turnagain ultramafic body is considered an Alaskan-type intrusion for the following features (Nixon, 1998):

- orthopyroxene is lacking
- clinopyroxene compositions are diopsidic and comparable to other Alaskan-type intrusions
- ultramafic cumulates are restricted to mixtures of olivine and clinopyroxene with minor chromite, rare amphibole and trace phlogopite
- localized chromitite layers in the dunite have been remobilized to form schlieren and syndepositional folds, features that are characteristic of all Alaskan-type intrusions in British Columbia.

MINERALIZATION

Despite its similarities to other Alaskan-type intrusions, the Turnagain ultramafic complex differs from most others in at least one important aspect, it hosts half a dozen known occurrences of magmatic pyrrhotite-pentlandite-chalcopyrite mineralization (Figure 3). In drill core, these sulphides generally occur as disseminated zones of intercumulus to blebby sulphides that locally coalesce to form net-textured zones of sulphides enclosing silicate grains. Sections of semi-massive to massive sulphides are occasionally in contact with overlying (?) net-textured sulphides and rarely in sharp contact with only weakly disseminated sulphides. The latter occurrences are interpreted as resulting from a squirt of liquid sulphide from a nearby, originally molten, semi-massive to massive, cumulus sulphide body. Host rock for most of the disseminated intercumulus mineralization is dark grey coloured wehrlite to dunite, usually proximal to a gradational contact between wehrlite and dunite. The higher-grade, more sulphide-rich intercepts are often adjacent to more pyroxene-rich lithologies.

Short intervals of vein or massive pyrrhotite, usually with varying amounts of veinlet-stringer chalcopyrite, massive graphite and blebby to massive magnetite, are spatially related to faults and zones of intense serpentine-tremolite alteration. These sulphide occurrences usually have a lower pentlandite/pyrrhotite ratio than primary sulphide intervals and might represent partial remobilization from nearby primary sulphides during a post-magmatic event.

2004 DIAMOND DRILL PROGRAM

Drill equipment and crews were supplied by D.J. Drilling of Surrey B.C. Most holes were drilled with a skid mounted Longyear 38 drill, except for holes 04-34, and 04-41 to 04-43 which were drilled with a skid mounted Gopher drill. All core was BQ-size and core recovery was greater than 95% except in areas of friable hornblendite where there was some core loss. Acid dip tests monitored hole orientation and deviation rarely differed more than two degrees from collar inclination.

Analytical Techniques

All BQ-sized core was split into two metre or shorter sample intervals and the bagged samples transported by helicopter and truck to Acme Laboratory in Vancouver for

analyses on as many as 25 elements. Most elements were determined by ICP-emission spectrometry following four acid digestion ($\text{HF-HClO}_4\text{-HNO}_3\text{-HCl}$). Sulphur was determined by the Leco furnace method. Platinum, palladium and gold were measured by ICP-ES following lead collection fire assay fusion of a 30 gm sample.

Since ICP-ES analysis for nickel and cobalt following four acid digestion, includes nickel and cobalt from both silicate minerals (mainly olivine) and also sulphide minerals, a second sample pulp was subjected to a sulphide specific digestion of ammonium citrate-hydrogen peroxide.

Nickel analyses were considered to be of exploration significance when nickel results from the four acid digestion were ≥ 0.25 percent and were supported by sulphur values ≥ 0.3 percent. Generally, when these two conditions were satisfied more than 70 percent of the total nickel occurs in sulphide minerals.

Certificates of analyses for all elements and descriptions of Acme's analytical methods are included in Appendix C.

Ten percent of the sample pulps were check analyzed at either SGS-Lakefield in Ontario or ALS Chemex in North Vancouver. Comparison of analytical results for reference standards between the three laboratories were within ten percent of accepted values.

Drill Hole Results

The eleven holes tabulated below occur in four distinct areas (Figure 4) and pertinent information is briefly discussed following the table. Geological logs are attached as Appendix B.

Hole	Northing	Easting	Elevation	Azimuth	Inclination	Depth
04-27	6481300	508888	1083	30	-48	264.0 m
04-28	6481198	508728	1087	05	-43	233.2 m
04-31	6481168	508784	1077	53	-50	113.7 m
04-34	6481208	508646	1095	349	-48	120.4 m
04-35	6481281	508789	1090	356	-49	166.4 m
04-38	6481364	508192	1189	45	-49	120.7 m
04-39	6481297	507938	1179	49	-49	148.1 m
04-41	6481391	509359	1028	22	-50	96.3 m
04-42	6482375	506928	1372	--	-90	76.5 m
04-43	6482617	506826	1402	--	-90	158.8 m
04-44	6482663	506674	1411	--	-90	124.1 m

Holes 04-27 to 35 were all drilled in the Horsetrail area to improve geological understanding and continuity of mineralized intervals. Hole 04-27, was collared beside hole 03-18 to extend the interval of massive pyrrhotite-pentlandite penetrated by 03-18. Although massive sulphides were not intersected, hole 04-27 did intersect several zones of intercumulus sulphide mineralization in a sequence of dunite and wehrlite. The best two intervals were 11.5 m between 46.5 m and 58.0 m grading 0.304 percent nickel and 16.0 m between 150.0 m and 166.0 m grading 0.304 percent nickel.

Hole 04-28 was drilled to investigate the significance of mineralized intervals encountered in holes 02-03 and 03-12. It intersected a complex sequence of clinopyroxenite, wehrlite and dunite which has altered and partially digested several metasedimentary xenoliths. Net-textured sulphides appear to be more abundant proximal to altered xenoliths and/or altered ultramafic units. The general increase in sulphide abundance in this hole is complemented by higher nickel values including 0.457 percent nickel and 0.154 percent copper over 29.7 m from 42.3 m to 72.0 m and 0.426 percent nickel over 55.9 m between 92.0 m and 147.9 m.

Hole 04-31 was located 45m west of hole 04-29 to test for a continuation to the long interval of intercumulus mineralization in 04-29. As with a number of holes in this area,

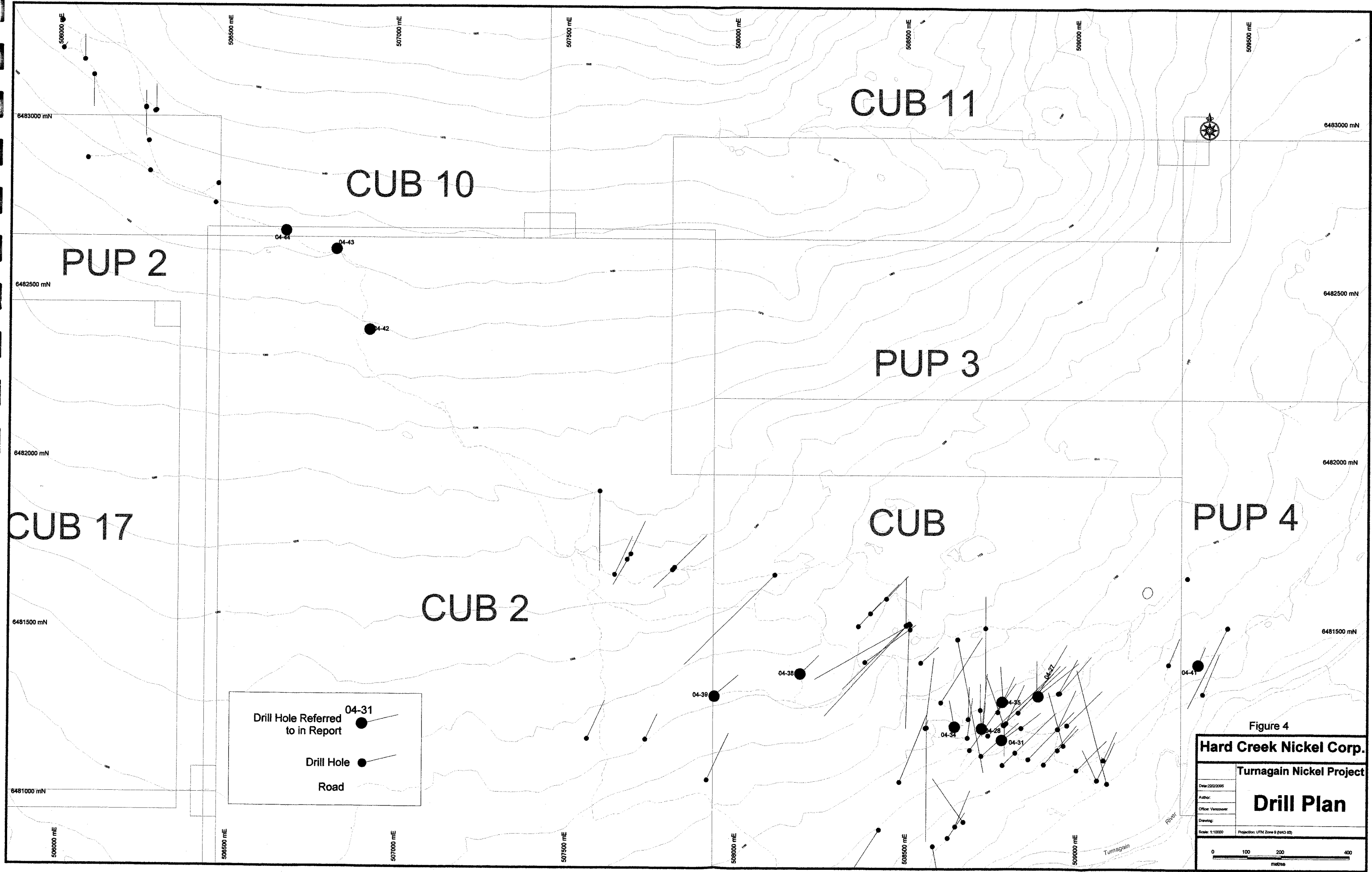


Figure 4

Hard Creek Nickel Corp.	
Turnagain Nickel Project	
Date: 2/22/2005	Drill Plan
Author:	
Chief: Vancouver	
Drawing:	
Scale: 1:10000	Projection: UTM Zone 8 (NAD 83)

dunite mineralized with 2-5 percent intercumulus pyrrhotite and pentlandite was cored from collar to final depth of 113.7 m. Pentlandite was often more conspicuous than the usually more abundant pyrrhotite. Analytical results include 0.33 percent nickel across 38.25 m from 4.5 m to 42.75 m and 0.37 percent nickel over 45.7 m between 68.0 m and 113.7 m.

Hole 04-34 was located to extend to the west mineralization intersected in hole 04-28. Correlation with lithology in 04-28 was complicated by extensive serpentinization and faulting of the interpreted dunite in hole 04-34. Nevertheless, disseminated pyrrhotite and pentlandite were noted throughout most of the hole and at least two intervals are of interest; 0.42 percent nickel between 32.0 m and 48.75 m and 0.29 percent nickel over 39.15 m between 71.65 m and 110.8 m.

Hole 04-35 was drilled in an attempt to extend the reported, deep but well mineralized, Ni-Cu intersection in hole 98-01 closer to surface. The hole intersected wehrlite and dunite to its final depth of 166.4 m with a small hornfelse xenolith containing 5 percent pyrrhotite near the collar. Two mineralized intervals were intersected; 0.43 percent nickel over 14.0 m between 36.0 m and 50.0 m and 0.29 percent nickel over 59.0 m between 104.0 m and 163.0 m.

Holes 04-38 and 04-39 were drilled in the Silesia area, located approximately 650 metres west of the Horsetrail area. Hole 04-38, drilled in the vicinity of large, mineralized, ultramafic boulders, intersected unmineralized dunite for its entire length. Hole 04-39 was collared within a 1000.ppm Ni-in-soil anomaly and encountered low nickel values in sulphide and graphite bearing olivine-pyroxenite.

Hole 04-41 was drilled west of the Fishing Rock showing to explore for extensions to nickel mineralization previously intersected in holes 96-1 and 03-08. The hole intersected disseminated to intercumulus sulphides in dunite. The two best intervals were 0.32 percent Ni with 0.35 percent S between 11 m and 23 m depth and 0.27 percent Ni with 0.97 percent S between 49 m and 55 m.

Holes 04-42 to 04-44 were drilled along a new drill access road to the DJ area, located approximately two kilometers northwest of the Horsetrail area. These three holes were designed as relatively short vertical tests on the fringe of a prominent Pt-Pd-Cu soil anomaly where rock exposure was limited to road cuts. Lithology intersected was not the olivine-rich dunite and wehrlite encountered in the Horsetrail area, but instead was dominated by hornblendite and magnetite-clinopyroxenite, often with breccia and replacement textures.

Holes 04-42 and 04-43 did not intersect significant mineralization. Results from hole 04-44 were more encouraging, with a 14m interval between 5 m and 19 m containing 626 ppb combined Pt+Pd, including two shorter intervals of 2.15 m and 1.7 m with 1,645 ppb and 1,022 ppb combined Pt+Pd, respectively.

CONCLUSIONS

The 2004 drill program was successful in improving both geological understanding and continuity of mineralization in the Horsetrail area.

Early drill holes in the DJ area have intersected significant platinum- palladium values in magnetite-clinopyroxenite beneath a large platinum-palladium soil anomaly.

RECOMMENDATIONS

Additional drilling in the Horsetrail area is recommended to determine the limits to the intercumulus and net-textured pyrrhotite-pentlandite mineralization. One to two hundred metres of possible strike extension, located west of hole 03-06, remain to be drill tested. Since a number of drill holes along the southern edge of the Horsetrail area encountered mineralization close near surface, additional step-out drill holes are also warranted to the south.

Additional drill holes are recommended to continue investigating the large platinum-palladium soil anomaly in the DJ area. With the shallow overburden in this area, construction of access roads and drill sites should provide geological mapping and sampling opportunities before drilling commences.

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APPENDIX A

**APPENDIX A
CLAIMS LIST**

Claim Name	Record No.	Area	Record Date	Expiry Date
Cub	345511	500.0	May 5, 1996	Dec. 1, 2014
Cub 2	347028	375.0	June 20, 1996	Dec. 1, 2014
Cub 10	348274	500.0	July 16, 1996	Dec. 1, 2014
Cub 11	348275	500.0	July 17, 1996	Dec. 1, 2014
Cub 17	396708	300.0	Sept. 17, 2002	Dec. 1, 2014
Cub 18	396709	375.0	Sept. 17, 2002	Dec. 1, 2014
Hound 1	405702	500.0	Sept. 27, 2003	Sept. 27, 2007
Hound 2	405703	500.0	Sept. 27, 2003	Sept. 27, 2007
Hound 3	405704	400.0	Sept. 27, 2003	Sept. 27, 2007
Pup 1	407624	100.0	Dec. 31, 2003	Dec. 31, 2014
Pup 2	407625	400.0	Jan. 1, 2004	Jan. 1, 2015
Pup 3	407626	150.0	Jan. 1, 2004	Jan. 1, 2015
Pup 4	407627	500.0	Jan. 1, 2004	Jan. 1, 2015
Turn 1	408343	375.0	Feb. 19, 2004	Feb. 19, 2010
Turn 2	408344	500.0	Feb. 19, 2004	Feb. 19, 2010
Hard 1	408345	500.0	Feb. 18, 2004	Feb. 18, 2007
Hard 2	408346	500.0	Feb. 18, 2004	Feb. 18, 2007
Hard 3	408347	500.0	Feb. 18, 2004	Feb. 18, 2007
Hard 4	408348	500.0	Feb. 18, 2004	Feb. 18, 2007
Hard 5	408349	400.0	Feb. 18, 2004	Feb. 18, 2007
Hard 6	408350	500.0	Feb. 18, 2004	Feb. 18, 2007
Hard 7	408351	500.0	Feb. 18, 2004	Feb. 18, 2007
Hard 8	408352	500.0	Feb. 17, 2004	Feb. 17, 2007
Hard 9	408353	400.0	Feb. 17, 2004	Feb. 17, 2007
Hard 10	408354	500.0	Feb. 17, 2004	Feb. 17, 2007
Hill 1	408355	500.0	Feb. 18, 2004	Feb. 18, 2007
Hill 2	408356	500.0	Feb. 18, 2004	Feb. 18, 2007
Hill 3	408357	500.0	Feb. 17, 2004	Feb. 17, 2007
Hill 4	408358	500.0	Feb. 17, 2004	Feb. 17, 2007
Hill 5	408359	500.0	Feb. 17, 2004	Feb. 17, 2007
Hill 6	408360	200.0	Feb. 16, 2004	Feb. 16, 2007
Hill 7	408361	500.0	Feb. 17, 2004	Feb. 17, 2008
Hill 8	408362	500.0	Feb. 17, 2004	Feb. 17, 2008
Hill 9	408363	500.0	Feb. 17, 2004	Feb. 17, 2008
Hill 10	408364	500.0	Feb. 17, 2004	Feb. 17, 2008
Flat 1	409751	500.0	Apr. 6, 2004	Apr. 6, 2007
Flat 2	409752	500.0	Apr. 6, 2004	Apr. 6, 2007
Flat 5	409753	500.0	Apr. 6, 2004	Apr. 6, 2007
Flat 6	409754	500.0	Apr. 6, 2004	Apr. 6, 2007
Flat 3	409755	500.0	Apr. 5, 2004	Apr. 5, 2008
Flat 4	409756	450.0	Apr. 5, 2004	Apr. 5, 2008
Flat 7	409757	500.0	Apr. 5, 2004	Apr. 5, 2007
Flat 8	409758	300.0	Apr. 5, 2004	Apr. 5, 2007
Flat 9	409759	500.0	Apr. 7, 2004	Apr. 7, 2007
Flat 10	409760	500.0	Apr. 7, 2004	Apr. 7, 2007
Flat 11	409761	500.0	Apr. 7, 2004	Apr. 7, 2007
Flat 12	409762	500.0	Apr. 7, 2004	Apr. 7, 2007
Flat 13	409763	500.0	Apr. 7, 2004	Apr. 7, 2007
Flat 14	409764	375.0	Apr. 6, 2004	Apr. 6, 2007
Flat 15	409765	375.0	Apr. 6, 2004	Apr. 6, 2007
Drift 1	501131	421.97	Jan. 12, 2005	Jan. 12, 2006
Drift 2	501168	421.76	Jan. 12, 2005	Jan. 12, 2006
Drift 3	501234	421.73	Jan. 12, 2005	Jan. 12, 2006
Drift 4	501298	421.97	Jan. 12, 2005	Jan. 12, 2006

Expiry dates shown are conditional on acceptance of this assessment report.

APPENDIX B

LEGEND FOR DRILL LOGS

Sample Data -depths in metres
 -sample number correlates with analytical sheets

Sulphide Summary -visual estimate of various sulphides in percent

Mineralogy and Description -pyroxene content estimated in percent
 -content of other minerals designated, I - intense
 M -moderate
 W -weak
 N - not noted

magnetite habit - VN or V vein
 - DS or D disseminated

Rock Type

Cpx	clinopyroxenite
CS	calcsilicate
Dk	dyke, usually felsic
Du	dunite
gDu	green dunite
Fit	fault
Hb	hornblendite
HbPx	hornblende pyroxenite
I	inclusion, xenolith
MSG	magnetite-sulphide-graphite
mtPx	magnetite pyroxenite
pPx	pegmatitic pyroxenite
oPx	olivine pyroxenite
Q	quartz
Sp	serpentinite
Tc	talc
Wh	wehrlite
bx	brecciated
ca	calcite
chl	chlorite
ep	epidote
tr	tremolite altered
sh	sheared
sp	serpentinized
tr,trem	tremolite

HOLE 04-27

SAMPLE DATA				SULPHIDE SUMMARY						MINERALOGY & DESCRIPTION													
From	To	Sample No.	QC (S, D or B)	% Magmatic Sulphide	% Magmatic peOtiaOditte	% Magmatic chalcopyrite	% Remobilized Sulphide	% TOTAL Sulphide	pyroxene	black serpentine	late serpentine	talc	tremolite	biotite	hornblende	chromite	magnetite habit	graphite	colour code	Rock type	Alteration	Structure Angle to C/A	
0.00	3.66																						
3.66	12.80			0.1	0	0	0.1	0.2		W	N	N	W-M	W	N	N	V	N		Wh	trem		
3.66	5.00	140652																					
5.00	7.00	140653																					
7.00	9.00	140654																					
9.00	11.00	140655																					
11.00	13.00	140656						1.5	20	W			M	W			V						
12.80	42.10			0.1	0	0	0	0.1	15	W	W	N	N	0.1	N	N	D, V	N		Wh	serp		
13.00	15.00	140657																					
15.00	17.00	140658																					
17.00	19.00	140659																					
19.00	21.00	140660																					
21.00	23.00	140661																					
23.00	25.00	140662																					
25.00	27.00	140663																					50-80°
27.00	29.00	140664																					
29.00	31.00	140665																					
31.00	33.00	140666																					
33.00	35.00	140667																					
35.00	37.00	140668																					
37.00	39.00	140669																					
39.00	41.00	140671																					
42.10	45.40			0.5	0	0	0	0.5	75	W	W	N	N	N	N	N	D, V	N		oPx			
41.00	43.00	140672																					
43.00	45.00	140673																					
45.40	49.90			0.1	0	0	0	0.1	20	W	N	N	N	N	N	N	V	N		Wh	serp		
45.00	46.50	140674																					
46.50	48.00	140676																					
48.00	50.00	140677		0.8																			
49.90	56.70			0.1	0	0	0	0.1	70	W	N	W	N	N	N	N	V, D	N		oPx			
50.00	52.00	140678																					
52.00	54.00	140679																					
54.00	56.00	140680	D	0.5	0.1			0.5															
54.00	56.00	140681																					
56.70	65.50			0.1	0	0	0	0.1	50	W	N	N	N	N	N	N	V	N		Wh			

SAMPLE DATA				SULPHIDE SUMMARY						MINERALOGY & DESCRIPTION													
From	To	Sample No.	QC (S, D or B)	% Magmatic Sulphide	% Magmatic peOtaOditte	% Magmatic chalcopyrite	% Remobilized Sulphide	% TOTAL Sulphide	pyroxene	black serpentine	late serpentine	talc	tremolite	biotite	hornblende	chromite	magnetite habit	graphite	colour code	Rock type	Alteration	Structure Angle to C/A	
56.00	58.00	140682																					
58.00	60.00	140683																					0°
60.00	62.00	140684																					
62.00	64.00	140685																					
64.00	66.00	140686																					
65.50	74.00	T.S.		0.1	0	0	0	0.1	12	W	W	N	N	W	N	N	V	N		Wh			
66.00	68.00	140687																					
68.00	70.00	140688																					
70.00	72.00	140689																					
72.00	74.00	140690																					
74.00	79.00			0.1	0	0	0	0.1	40	M	W	W	N	N	N	N	V	N		Wh	serp		
74.00	76.00	140691																					30°
76.00	78.00	140692																					
78.00	80.00	140693																					
79.00	82.70			0.1	0	0	0	0.1	20	W	N	N	N	N	N	N	V	N		Wh			
80.00	82.00	140694																					
82.70	98.20			0.1	0	0	0	0.1	10	W	W	N	N	N-W	N	N-I	V, D	N		Du			
82.00	84.00	140695																					30°
84.00	86.00	140696																					
86.00	88.00	140697																					
88.00	90.00	140698																					40°
90.00	90.70	140699																					
90.70	92.00	140701		0.5					80						W					pPx			
92.00	94.00	140702																					
94.00	96.00	140703																					
96.00	98.00	140704																					
98.20	114.60			0.5	0	0	0.1	0.5	15	W	N	N	N	W	N	N	V	N		Wh			
98.00	100.00	140705																					
100.00	102.00	140706																					
102.00	104.00	140707																					
104.00	106.00	149708		0.5																			
106.00	108.00	149709																					
108.00	110.00	149710																					
108.00	110.00	149711																					
110.00	112.00	149712																					

SAMPLE DATA			SULPHIDE SUMMARY						MINERALOGY & DESCRIPTION														
From	To	Sample No.	QC (S, D or B)	% Magmatic Sulphide	% Magmatic pyrrhotite	% Magmatic chalcopyrite	% Remobilized Sulphide	% TOTAL Sulphide	pyroxene	black serpentine	late serpentine	talc	tremolite	biotite	hornblende	chromite	magnetite habit	graphite	colour code	Rock type	Alteration	Structure Angle to C/A	
112.00	114.00	149713																					
114.60	132.50			1.5	0	0	0.1	1.6	70	W	W	W	W	N	N	N	V	N		oPx	serp		
114.00	116.00	149714		1.5																			
116.00	118.00	149715																					20°
118.00	120.00	149716																					
120.00	122.00	149717																					
122.00	124.00	149718																					
124.00	126.00	149719																					
126.00	128.00	149720		1.5																			
128.00	130.00	149721																					
130.00	132.00	149722		1.5																			
132.50	137.00			0.1	0	0	0	0.1	50	W	N	W	N	N	N	N	V	N		Wh			0-25°
132.00	134.00	149723																					
134.00	136.00	140724																					
136.00	138.00	140726		1.5				1.5															
137.00	144.70			0.1	0	0	0	0.1	70	W	N	W	N	N	N	N	D, V	N		oPx			
138.00	140.00	140727																					
140.00	142.00	140728																					
142.00	144.00	140729		1.5																			
144.70	149.70	140731		0.1	0	0	0	0.1			N	M		W-M						Dk	talc		
144.00	146.00	140732																					
146.00	148.00	140732																					
148.00	150.00	140733																					
149.70	150.80			0.1	0	0	0	0.1												sil UMF	silicification		
150.80	163.00			0.8	0	0	0	0.8	40	W	N	N	N	N	N	N	D, V	N		oPx			
150.00	152.00	140734																					
152.00	154.00	140735																					
154.00	156.00	140736																					
156.00	158.00	140737																					
158.00	160.00	140738																					
160.00	162.00	140739																					
162.00	164.00	140740	D																				
163.00	164.00	140741																					
163.00	176.30			0.5	0	0	0	0.5	20-30	W	N	N	N	N	N	N	D	N		Wh			
164.00	166.00	140742																					

SAMPLE DATA				SULPHIDE SUMMARY					MINERALOGY & DESCRIPTION														
From	To	Sample No.	QC (S, D or B)	% Magmatic Sulphide	% Magmatic pyrrhotite	% Magmatic chalcopyrite	% Remobilized Sulphide	% TOTAL Sulphide	pyroxene	black serpentine	late serpentine	talca	tremolite	biotite	hornblende	chromite	magnetite habit	graphite	colour code	Rock type	Alteration	Structure Angle to C/A	
166.00	168.00	140743																					
168.00	170.00	140744																					
170.00	172.00	140745		1.5				1.5															
172.00	174.00	140746																					
174.00	176.00	140747																					
176.30	178.00			1.5	0.5	0	0	1.5	60	W	N	N	N	N	N	N		N		oPx			
176.00	178.00	140748																					
178.00	180.00	140749																					
178.00	185.00	140750	S	0.1	0	0	0	0.1		W	N	N	N	N	N	N	N	N					
180.00	182.00	140751																					
182.00	184.00	140752																					
184.00	186.00	140753																					
185.00	186.85			0	0	0	0.5	0.5		I	W	M	N	N	N	N	N	N		Sp	serp-talc		
186.50	192.80			0.1	0	0	0	0.1	12-15	W	N	N	N	N	N	N	V	N		Wh			
186.00	188.00	140754																					
188.00	190.00	140755																					
190.00	192.00	140756																					
192.80	221.00			0.1	0	0	0	0.1	8	W	N	N-W	N	N	N	N	D, V	N		Du	serp		
192.00	194.00	140757																					
194.00	196.00	140758		0.5																			
196.00	198.00	140759		35	5																		030°
198.00	200.00	140761		0.8																			
200.00	202.00	140762																					
202.00	204.00	140763																					
204.00	206.00	140764							45														Wh
206.00	208.00	140765																					
208.00	210.00	140766																					
210.00	212.00	140767																					
212.00	214.00	140768																					
214.00	216.00	140770																					
216.00	218.00	140771																					
218.00	220.00	140772								M		W											
221.00	229.70			1.5	0	0	0	1.5	30-50	W	N	W	N	N	N	N	V	N		Wh	serp		
220.00	222.00	140773																					
222.00	224.00	140774																					

SAMPLE DATA				SULPHIDE SUMMARY						MINERALOGY & DESCRIPTION													
From	To	Sample No.	QC (S, D or B)	% Magmatic Sulphide	% Magmatic peOtaodite	% Magmatic chalcopyrite	% Remobilized Sulphide	% TOTAL Sulphide	pyroxene	black serpentine	late serpentine	talc	tremolite	biotite	hornblende	chromite	magnetite habit	graphite	colour code	Rock type	Alteration	Structure Angle to C/A	
224.00	226.00	140776																					0-20°
226.00	228.00	140777																					
228.00	230.00	140778							10-20														
229.70	243.80			0.1	0	0	0	0.1	8-12	W	N	N	N	N	N	N	V	N		Du			
230.00	232.00	140779																					
232.00	234.00	140780																					
234.00	236.00	140781																					
236.00	238.00	140782																					
238.00	240.00	140783																					
240.00	242.00	140784																					
242.00	244.00	140785																					
243.80	264.00			0.1	0	0	0	0.1	40-60	W	N	N	N	N	N	N	V	N		Wh			
244.00	246.00	140786		1																			
246.00	248.00	140787																					
248.00	250.00	140788																					
250.00	252.00	140789																					
252.00	254.00	140791																					
254.00	256.00	140792																					
256.00	258.00	140793																					
258.00	260.00	140794																					
260.00	262.00	140795																					
262.00	264.00	140796																					

SAMPLE DATA			SULPHIDE SUMMARY						MINERALOGY & DESCRIPTION														
From	To	Sample No.	QC (S, D or B)	% Magmatic Sulphide	% Magmatic peOtaOcite	% Magmatic chalcopyrite	% Remobilized Sulphide	% TOTAL Sulphide	pyroxene	black serpentine	late serpentine	talc	tremolite	biotite	hornblende	chromite	magnetite habit	graphite	colour code	Rock type	Alteration	Structure Angle to C/A	
0.00	4.90																						
4.90	14.20			2	0	0	0	2	80	W	N	N	W	N	N	N	V	N					oPx
4.70	6.00	140797																					
6.00	8.00	140798																					
8.00	10.00	140799																					
10.00	12.00	140801																					
12.00	14.20	140802																					
14.20	38.20			0.5	0	0	0	0.5	20	I	N	W	N	N	N	N	V, D	N					spWh
14.20	16.00	140803																					
16.00	18.00	140804																					
18.00	20.00	140805																					
20.00	22.00	140806																					
22.00	24.00	140807																					
24.00	26.00	140808																					
26.00	28.00	140809																					
28.00	30.00	140811																					
30.00	32.00	140812																					
32.00	34.00	140813																					
34.00	36.00	140814																					
36.00	39.00	140815																					
38.20	38.80			-1	0	0	0	0	0	I	W	W	N	N	N	N	N	N					Flt
38.80	42.30			-1	0	0	0	0	15	M	W	N	N	N	N	N	N	N					spWh
39.00	41.00	140816																					
41.00	42.30	140817																					
42.30	43.00	140818		4	0.5	0.1		4.5	0	W	N	N	W	N	N	N	V, D	N					Du
43.00	44.00	140818		3	0.1	0.1	0.5	3.5															
44.00	45.00	140819		7	1	0.1		7															
45.00	46.00	140819		4	0.1	0.1		4															
46.00	47.00	14082		3	0.5	0.1		3															
47.00	48.00	140821		1	0.1	0.1		1															
48.00	49.00	140822		3	0.5	0.1	0.5	3.5															
49.00	50.00	140823		1	0.1	0.1		1															55°
50.00	51.00	140824		2	0.1	0.1		2															
51.00	52.00	140826		2	0.1	0.1		2															
52.00	53.00	140827		4	0.5	0.1		4															
53.00	54.00	140828		3	0.5	0.1	0.1	3															

SAMPLE DATA				SULPHIDE SUMMARY						MINERALOGY & DESCRIPTION													
From	To	Sample No.	QC (S, D or B)	% Magmatic Sulphide	% Magmatic peOlaOdlite	% Magmatic chalcopyrite	% Remobilized Sulphide	% TOTAL Sulphide	pyroxene	black serpentine	late serpentine	talca	tremolite	biotite	hornblende	chromite	magnetite habit	graphite	colour code	Rock type	Alteration	Structure Angle to C/A	
54.00	55.00	140829		1	0.1	0.1		1															
55.00	56.00	140830		1	0.1	0.1		1	M														
56.00	57.00	140832		1	0.1	0.1		1															
57.00	58.00	140833		2	0.1	0.1		2															
58.00	59.00	140834		3	0.5	0.5	0.1	3															
59.00	59.75	140835		3	0.5	0.1		3															
59.75	61.00	140836		6	1	0.5		6															
61.00	62.10	140837		6	1	0.5		6															
62.10	63.00	140838		3	0.5	0.1		3					M										
63.00	64.00	140839		4	0.5	0.1		4															
64.00	65.00	140841		1	0.1	0.1		1															
65.00	66.00	140841		2	0.1	0.1		2															
66.00	67.00	140842		2	0.1	0.1		2															
67.00	68.00	140842		0.5	0.1	0.1		0.5															
68.00	69.00	140843		1	0.1	0.1		1															
69.00	70.00	140843		0.5	0.1	0.1		0.5															
70.00	71.00	140844		2	0.1	0.1		2															
71.00	72.00	140844		2	0.1	0.5		2															
72.00	73.00	140845		0.5	0.1	0.1		0.5															
73.00	74.00	140845		0.5	0.1	0.1		0.5															
62.10	65.10			3	0.5	0.01		3	15	W	N	N	W	N	N	N	V, D	N				Wh	
65.10	78.50			2	0.1	0.1		2	0	W	W	N	N	N	N	N	N	N				Du	
74.00	76.00	140846		0.5			0.5	0.5															
76.00	78.00	140847		1	0.1	0.1		1															
78.50	83.40			6	1.5	1		6	25	W	N	N	N	N	N	N	V, D	N				Wh	
78.00	80.00	140848																					
80.00	82.00	140849																					
82.00	83.40	140851																					
83.40	90.90			-1	0	0	5	5	75	W	N	N	M	N	N	N	M	M				Cpx	
83.40	85.00	140852					25	25															
85.00	86.00	140853					10	10															
86.00	88.00	140854					3	3															
88.00	90.00	140855					3	3															
90.90	102.50			3	0.1	0.1	0.1	3	15	W	N	N	M	N	N	N	0	N				trWh	
90.00	92.00	140856																					
92.00	94.00	140857																					

SAMPLE DATA			SULPHIDE SUMMARY							MINERALOGY & DESCRIPTION													
From	To	Sample No.	QC (S, D or B)	% Magmatic Sulphide	% Magmatic peOtaOcite	% Magmatic chalcopyrite	% Remobilized Sulphide	% TOTAL Sulphide	pyroxene	black serpentine	late serpentine	taic	tremolite	biotite	hornblende	chromite	magnetite habit	graphite	colour code	Rock type	Alteration	Structure Angle to C/A	
94.00	96.00	140858																					
96.00	98.00	140859																					
98.00	100.00	140860	D																				
98.00	100.00	140861	D																				
100.00	102.00	140862																					
102.00	104.00	140863																					
104.00	106.00	140864																					
102.50	123.70			2	0.1	0.1	0.5	2.5	20-40	W	W	N	M	N	N	N	D, V	N		trWh			
106.00	108.00	140865																					
108.00	110.00	140866																					
110.00	112.00	140867																					
112.00	114.00	140868																					
114.00	116.00	140869																					
116.00	118.00	140871																					
118.00	120.00	140872																					
120.00	122.00	140873																					
122.00	123.65	140874																					
123.70	126.10						6	6	0	N	N	N	W	N	N	N	N	W		CS(Q)			
123.65	126.15	140876																					
126.15	128.00	140877																					
128.00	130.00	140878																					
130.00	132.00	140879																					
126.10	135.50			6	1	0.5	0.5	6.5	15	W	N	N	W	N	N	N	D, V			Wh			
132.00	134.00	140880																					
134.00	135.50	140881																					
135.50	142.15			12	3	0.6	2	14	0	I	W	N	N	N	N	N	D	N		spWh			
135.50	137.20	140882																					
137.20	138.15	140883																					
138.15	139.15	140884																					
139.15	140.15	140885																					
140.15	141.20	140886																					
141.20	142.15	140887																					
142.15	145.15	140888																					
142.15	145.15			1	0	0	1	2		M	N	N	W	N	N	N	V	N		sptrDu			
145.15	146.60			15	1	0.1	0.5	15		I	N	N	W	N	N	N	D	N		Sp			
145.15	146.60	140889																					

SAMPLE DATA			SULPHIDE SUMMARY						MINERALOGY & DESCRIPTION													
From	To	Sample No.	QC (S, D or B)	% Magmatic Sulphide	% Magmatic peOtaOditte	% Magmatic chalcopyrite	% Remobilized Sulphide	% TOTAL Sulphide	pyroxene	black serpentine	late serpentine	talc	tremolite	biotite	hornblende	chromite	magnetite habit	graphite	colour code	Rock type	Alteration	Structure Angle to C/A
146.60	149.90			2	0.5	0	0	2	12	W	N	N	M	N	N	N	D	N		Wh		
146.60	147.85	140890	D																			
146.60	147.85	140891	D																			
147.85	149.00	140892																				
149.00	151.00	140893																				
151.00	153.00	140894																				
149.90	165.50			0.5	0	0	0.5	1	10	W	N	N	W-M	W	N	N	V, D	N		Du		70° hairline serp
153.00	155.00	140895																				
155.00	157.00	140896																				
157.00	159.00	140897																				
159.00	161.00	140898																				
161.00	162.90	140899																				
162.90	165.55	140901																				
165.50	196.50							4										M		CS		
165.55	167.00	140902																				
167.00	169.00	140903																				
169.00	171.00	140904																				
171.00	173.00	140905																				
173.00	175.00	140906																				
175.00	178.10	140907																				
178.10	180.00	140908																				
180.00	182.00	140909																				
182.00	184.00	140910																				
184.00	186.00	140911																				
186.00	188.00	140912																				
188.00	190.00	140913																				
190.00	192.00	140914																				
192.00	194.00	140915																				
194.00	196.00	140916																				
196.50	198.00	140917																				
198.00	200.00	140918																				
196.50	202.00			0.5	0.1	0.1	0	0.5	0	W	I	W	W	M	N	N	D	N		Du		
200.00	202.00	140919																				
200.30	202.00			2	0.5	0.5	0	2	0	W	N	N	W	W	N	N	V	N				
202.00	208.00			2	1	0.5	0	2	15	W	N	N	N	N	N	N	V	N		Wh		
202.00	204.00	140920	D																			

SAMPLE DATA				SULPHIDE SUMMARY						MINERALOGY & DESCRIPTION													
From	To	Sample No.	QC (S, D or B)	% Magmatic Sulphide	% Magmatic peOliaOdlite	% Magmatic chalcopyrite	% Remobilized Sulphide	% TOTAL Sulphide	pyroxene	black serpentine	late serpentine	talc	tremolite	biotite	hornblende	chromite	magnetite habit	graphite	colour code	Rock type	Alteration	Structure Angle to C/A	
202.00	204.00	140921	D																				
204.00	206.00	140922																					
206.00	208.00	140923																					
208.00	210.00	140924																					
208.00	233.15			0.5	0.1	0	0	0.5	10	W	N	N	N	W	N	N	V			Du			
210.00	212.00	140926																					
212.00	214.00	140927																					
214.00	216.00	140928																					
216.00	218.00	140929																					
218.00	220.00	140931																					
220.00	222.00	140932																					
222.00	224.00	140933																					
224.00	226.00	140934																					
226.00	228.00	140935																					
228.00	230.00	140936																					
230.00	231.50	140937																					
231.50	233.15	140938																					

HOLE 04-28

HOLE 0431

SAMPLE DATA				SULPHIDE SUMMARY					MINERALOGY & DESCRIPTION														
From	To	Sample No.	QC (S, D or B)	% Magmatic Sulphide	% Magmatic pentlandite	% Magmatic chalcopyrite	% Remobilized Sulphide	% TOTAL Sulphide	pyroxene	black serpentine	late serpentine	taic	tremolite	biotite	hornblende	chromite	magnetite habit	graphite	colour code	Rock type	Alteration	Structure Angle to C/A	
0.00	4.50																						
4.50	22.80			1.5	0.4	0	0	1.5	8	W	W	W	W	N	N	N	D,V	W		Du			
4.50	7.00	141234																					
7.00	9.00	141235																					
9.00	11.00	141236																					
11.00	13.00	141237																					
13.00	15.00	141238																					
15.00	17.00	141239																					
17.00	19.00	141240																					
19.00	21.00	141242																					
21.00	22.80	141243																					
				3	0.05	0	0	3															
22.80	26.20			3	0.05	0	0	3	8	W	M	M	N	N	N	N	V,D	N		FLT			
22.80	25.00	141244																					
25.00	27.00	141245																					
26.20	29.00			2	0.05	0	0	2	8	M	W	W	W	N	N	N	D,V	N		Du			
29.00	63.60			3	0.6	0	0.05	3	8	W	N	N	W	N	N	N	V,D	N		gDu			
27.00	29.00	141246																					
29.00	31.00	141247																					
31.00	33.00	141248																					
33.00	35.00	141249																					
UM-2		141250	S																				
35.00	36.00	141251																					
36.00	37.00	141252																					
37.00	38.00	141253																					
38.00	40.00	141254																					
40.00	42.35	141255																					
42.35	42.75	141256																					
42.75	45.00	141257																					
45.00	47.00	141258																					
47.00	49.00	141259																					
blank		141260	B																				
49.00	51.00	141261																					
51.00	53.00	141262																					
53.00	55.00	141263																					
55.00	57.00	141264																					
57.00	59.00	141265																					

SAMPLE DATA			SULPHIDE SUMMARY						MINERALOGY & DESCRIPTION															
From	To	Sample No.	QC (S, D or B)	% Magmatic Sulphide	% Magmatic pentlandite	% Magmatic chalcopyrite	% Remobilized Sulphide	% TOTAL Sulphide	pyroxene	black serpentine	late serpentine	talc	tremolite	biotite	hornblende	chromite	magnetite habit	graphite	colour code	Rock type	Alteration	Structure Angle to C/A		
59.00	61.00	141266																						
61.00	62.00	141267																						
62.00	63.60	141268																						
63.60	78.10			2.5	1.5	0	0	2.5	6	W	N	W	W	N	N	N	V,D	N		Du				
63.60	66.00	141269																						
66.00	68.00	141270																						
66.00	68.00	141271																						
68.00	70.00	141272																						
70.00	72.00	141273																						
72.00	74.00	141274																						
UM-2		141275	S																					
74.00	76.00	141276																						
76.00	78.00	141277																						
78.00	105.10			2.5	1.5	0	0	2.5	6	I	N	W	W	N	N	N	V,D	N		spDu				
78.00	80.00	141278																						
80.00	82.00	141279																						
82.00	84.00	141280																						
84.00	86.00	141281																						
86.00	88.00	141282																						
88.00	90.00	141283																						
90.00	92.00	141284																						
92.00	94.00	141285																						
94.00	96.00	141286																						
96.00	98.00	141287																						
98.00	100.00	141288																						
100.00	102.00	141289																						
blank		141290	B																					
102.00	104.00	141291																						
104.00	106.00	141292																						
106.00	108.00	141293																						
105.10	113.70			1	0.75	0	0	1	6	M	W	W	W	N	N	N	V,D	N		Du				
108.00	110.00	141294																						
110.00	112.00	141295																						
112.00	113.70	141250																						

HOLE 04-34

SAMPLE DATA				SULPHIDE SUMMARY					MINERALOGY & DESCRIPTION														
From	To	Sample No.	QC (S, D or B)	% Magmatic Sulphide	% Magmatic pentlandite	% Magmatic chalcocopyrite	% Remobilized Sulphide	% TOTAL Sulphide	pyroxene	black serpentine	late serpentine	talc	tremolite	biotite	hornblende	chromite	magnetite habit	graphite	colour code	Rock type	Alteration	Structure Angle to C/A	
0.00	7.60																						
7.60	64.30			1.0	0.1	0.0	0.1	1.1	0.0	1W	W	N	N	N	N	D		W		FLT			
7.60	9.15	141372																					
9.15	10.65	141373																					
10.65	12.20	141374																					
UM-4		141375																					
12.20	13.70	141376																					
13.70	15.25	141377																					
15.25	16.75	141378																					
16.75	18.30	141379																					
blank		141380																					
18.30	19.80	141381																					
19.80	21.35	141382																					
21.35	23.00	141383																					
23.00	24.45	141384																					
24.45	25.90	141385																					
25.90	27.45	141386																					
27.45	28.95	141387																					
28.95	30.50	141388																					
30.50	32.00	141389																					
32.00	33.55	141390																					
33.55	35.05	141391																					
35.05	36.60	141392																					
36.60	38.10	141393																					
38.10	39.62	141394																					
39.62	41.15	141395																					
41.15	44.20	141396																					
44.20	45.70	141397																					
45.70	47.25	141398																					
47.25	48.75	141399																					
UM-4		141400																					
48.75	50.30	141401																					
50.30	51.80	141402																					
51.80	53.35	141403																					
53.35	54.85	141404																					
54.85	56.40	141405																					

SAMPLE DATA			SULPHIDE SUMMARY					MINERALOGY & DESCRIPTION															
From	To	Sample No.	QC (S, D or B)	% Magmatic Sulphide	% Magmatic pentlandite	% Magmatic chalcopyrite	% Remobilized Sulphide	% TOTAL Sulphide	pyroxene	black serpentine	late serpentine	talc	tremolite	biotite	hornblende	chromite	magnetite habit	graphite	colour code	Rock type	Alteration	Structure Angle to C/A	
56.40	57.90	141406																					
57.90	59.45	141407																					
59.45	61.00	141408																					
61.00	62.70	141409																					
64.30	70.30			1	0.05	0	0	1	0	I	W	W	W	N	N	N	D,V	N		Sp (Du)			
blank		141410																					
62.70	64.30	141411																					
64.30	65.55	141412																					
65.55	67.05	141413																					
67.05	68.06	141414																					
68.06	70.10	141415																					
70.30	84.50			1.8	0.4	0.1	0	1.8	6	W	N	N	I	N	N	N	D,V	N		Du	tr		
70.10	71.65	141416																					
71.65	73.15	141417																					
73.15	74.70	141418																					
74.70	76.20	141419																					
76.20	77.70	141420																					
77.70	79.25	141421																					
79.25	80.75	141422																					
80.75	82.30	141423																					
82.30	83.80	141424																					
UM-2		141425																					
83.80	85.35	141426																					
84.50	107.50			1	0.1	0.1	0.1	1.1	4		1	M	W	W	N	N	N	V,D	W		Sp		
85.35	86.85	141427																					
86.85	88.40	141428																					
88.40	89.90	141429																					
89.90	91.45	141430																					
91.45	92.95	141431																					
92.95	94.50	141432																					
94.50	96.95	141433																					
96.95	98.45	141434																					
98.45	99.95	141435																					
99.95	102.10	141436																					
102.10	103.65	141437																					
103.65	105.15	141438																					

SAMPLE DATA				SULPHIDE SUMMARY					MINERALOGY & DESCRIPTION														
From	To	Sample No.	QC (S, D or B)	% Magmatic Sulphide	% Magmatic pentlandite	% Magmatic chalcopyrite	% Remobilized Sulphide	% TOTAL Sulphide	pyroxene	black serpentine	late serpentine	talc	tremolite	biotite	hornblende	chromite	magnetite habit	graphite	colour code	Rock type	Alteration	Structure Angle to C/A	
105.15	106.70	141439																					
106.70	108.20	141441																					
107.50	110.90			2.5	1	0	0	3.5	50	1	W	W	W	N	N	N	V,D	W		spoPx-Wh			
108.20	109.75	141442																					
109.75	110.80	141443																					
110.80	114.30			0	0	0	0	0	10	W	N	I	N	N	N	N	D	N		FLT			
110.80	112.80	141444																					
112.80	114.30	141445																					
114.30	118.40			1	0	0	0.2	1.2	80	N	N	W	W	N	N	N	N	N		Px			
114.30	115.80	141446																					
115.80	117.35	141447																					
117.35	118.40	141448																					
118.40	120.40			0	0	0	0	0	5	N	W	I	W	N	N	N	N	N		Tc			
118.40	120.40	141449																					

HOLE 04-35

SAMPLE DATA			SULPHIDE SUMMARY						MINERALOGY & DESCRIPTION														
From	To	Sample No.	QC (S, D or B)	% Magmatic Sulphide	% Magmatic pentlandite	% Magmatic chalcopyrite	% Remobilized Sulphide	% TOTAL Sulphide	pyroxene	black serpentine	late serpentine	talc	tremolite	biotite	hornblende	chromite	magnetite habit	graphite	colour code	Rock type	Alteration	Structure Angle to C/A	
0.00	9.50																						
9.50	10.10	141523		4	0	0	0	4	20	W	N	W	W	N	N	N	D,V	N		Wh			
10.10	10.70			-1	-1	-1	5	5															
10.10	10.70	141524																					
standard	UM-4	141525																					
10.70	11.50			0	0	0	0	0	0	W	I	W	N	N	N	N	N	N		Tc			
10.70	11.50	141526																					
11.50	14.00			0.5	0	0.05	0	0.5		N	N	I	W	W	N	N	N	N		tcWh-oPx			
11.50	14.00	141527																					
14.00	14.80			2	0	0.05	0	2				I	M	W	N	N	N	N		tc-oPx			
14.00	14.80	141528																					
14.80	21.50			1	0	0	0	1	15	W	N	W	M	W	N	N	V,D	N		Wh			
14.80	16.00	141529																					
blank		141530																					
16.00	18.00	141531																					
18.00	20.00	141532																					
20.00	21.50	141533																					
21.50	26.60			4	0.5	0.05	0.2	4.2	40	W	W	W	I	W	N	N	D,V	N		troPx	tr		
21.50	24.00	141534																					
24.00	26.00	141535																					
26.00	28.00	141536																					
26.60	31.90			0.5	0.3		2	2.5	50	W	N	W	I	W	N	N	V,D	N		trWhoPx	tr		
28.00	30.00	141537																					
30.00	31.90	141538																					
31.90	130.00			2	0.5	0	0	2	30	W	N	N	N	W	N	N	V,D	N		Wh			
31.90	34.00	141539																					
34.00	36.00	141540																					
36.00	38.00	141541																					
38.00	40.00	141542																					
40.00	42.00	141543																					
42.00	44.00	141544																					
44.00	46.00	141545																					
46.00	48.00	141546																					
48.00	50.00	141547																					
50.00	52.00	141548																					
52.00	54.00	141549																					

SAMPLE DATA			SULPHIDE SUMMARY							MINERALOGY & DESCRIPTION													
From	To	Sample No.	QC (S, D or B)	% Magmatic Sulphide	% Magmatic pentlandite	% Magmatic chalcopyrite	% Remobilized Sulphide	% TOTAL Sulphide	pyroxene	black serpentine	late serpentine	talc	tremolite	biotite	hornblende	chromite	magnetite habit	graphite	colour code	Rock type	Alteration	Structure Angle to C/A	
UM-4		141550																					
52.00	75.00			0.75	0.2	0.05	0	0.75												Wh			
54.00	56.00	141551							20														
56.00	58.00	141552																					
58.00	60.00	141553																					
60.00	62.00	141554																					
62.00	64.00	141555																					
64.00	66.00	141556																					
66.00	68.00	141557																					
68.00	70.00	141558																					
70.00	72.00	141559																					
blank		141600																					
72.00	74.00	141561																					
74.00	76.00	141562																					
76.00	78.00	141563																					
78.00	80.00	141564																					
80.00	82.00	141565																					
82.00	84.00	141566																					
84.00	86.00	141567																					
86.00	88.00	141568																					
88.00	90.00	141569																					
90.00	92.00	141570																					
92.00	94.00	141571																					
94.00	96.00	141572																					
96.00	98.00	141573																					
98.00	100.00	141574																					
UM-4		141575																					
100.00	102.00	141576																					
102.00	104.00	141577																					
104.00	106.00	141578																					
106.00	108.00	141579																					
108.00	109.90	141580																					
109.90	112.00	141581																					
112.00	114.00	141582																					
114.00	116.00	141583																					
116.00	118.00	141584																					

SAMPLE DATA			SULPHIDE SUMMARY						MINERALOGY & DESCRIPTION														
From	To	Sample No.	QC (S, D or B)	% Magmatic Sulphide	% Magmatic pentlandite	% Magmatic chalcopyrite	% Remobilized Sulphide	% TOTAL Sulphide	pyroxene	black serpentine	late serpentine	talc	tremolite	biotite	hornblende	chromite	magnetite habit	graphite	colour code	Rock type	Alteration	Structure Angle to C/A	
118.00	120.90	141585																					
120.90	123.00	141586																					
123.00	125.00	141587																					
125.00	127.00	141588																					
127.00	129.00	141589																					
blank		141590																					
129.00	131.00	141591																					
130.00	166.40			1	0.2	0	0	1.5	12	M	N	N	N	N	N	N	D,V	N		Du			
131.00	133.00	141592																					
133.00	135.00	141593																					
135.00	137.00	141594																					
137.00	139.00	141595																					
139.00	141.00	141596																					
141.00	143.00	141597																					
143.00	145.00	141598																					
145.00	147.00	141599																					
UM-4		141600																					
147.00	149.00	141601																					
149.00	151.00	141602																					
151.00	153.00	141603																					
153.00	155.00	141604																					
155.00	157.00	141605																					
157.00	159.00	141606																					
159.00	161.00	141607																					
161.00	163.00	141608																					
163.00	165.00	141609																					
165.40	166.40			0.05	0	0	0	0.05	10	N	N	N	N	N	N	N	D,V	N		gDu			
165.00	166.40	141610																					

HOLE 04-38

SAMPLE DATA				SULPHIDE SUMMARY						MINERALOGY & DESCRIPTION													
From	To	Sample No	QC (S, D or B)	% Magmatic Sulphide	% Magmatic pentlandite	% Magmatic chalcocopyrite	% Remobilized Sulphide	% TOTAL Sulphide	pyroxene	black serpentine	late serpentine	talca	tremolite	biotite	hornblende	chromite	magnetite habit	graphite	colour code	Rock type	Alteration	Structure Angle to C/A	
0.00	3.05																						
3.05	5.00	141757																					
5.00	7.00	141758																					
3.05	39.40			0.1	N	N	N	0.1	3	1	1	1	N	N	W	N	V,D	N		Du			
7.00	9.00	141759																					
9.00	11.00	141760																					
11.00	13.00	141761																					
13.00	15.00	141762																					
15.00	17.00	141763																					
17.00	19.00	141764																					
19.00	21.00	141765																					
19.00	21.00	141780	D(chkd)																				
21.00	23.00	141766																					
23.00	25.00	141767																					
25.00	27.00	141768																					
27.00	29.00	141769																					
blank		141770	B																				
29.00	31.00	141771																					
31.00	33.00	141772																					
33.00	35.00	141773																					
35.00	37.00	141774																					
standard		141775																					
37.00	39.00	141776																					
39.40	54.70			0.1	N	N	N	0.1	3	3	2	1	N	N	N	I	V	N		Du			
39.00	41.00	141777																					
41.00	43.00	141778																					
43.00	45.00	141779																					
45.00	47.00	141781																					
47.00	49.00	141782																					
49.00	51.00	141783																					
51.00	53.00	141784																					
54.70	56.40			-1	N	N	N	N	15	N	N	1	N	15	20	N	N	N		I	calc-sil		
53.00	55.00	141785																					
55.00	56.50	141786																					
56.40	58.00			0.1	N	N	N	0.1	3	3	2	1	N	N	N	N	V	N		Du	blue-serp		
56.50	58.00	141787																					
58.00	95.60																				Du		
58.00	60.00	141788																					

SAMPLE DATA			SULPHIDE SUMMARY							MINERALOGY & DESCRIPTION														
From	To	Sample No	QC (S, D or B)	% Magmatic Sulphide	% Magmatic pentlandite	% Magmatic chalcopyrite	% Remobilized Sulphide	% TOTAL Sulphide	pyroxene	black serpentine	late serpentine	talc	tremolite	biotite	hornblende	chromite	magnetite habit	graphite	colour code	Rock type	Alteration	Structure Angle to C/A		
60.00	62.00	141789																						
62.00	64.00	141790																						
64.00	66.00	141791																						
66.00	68.00	141792																						
68.00	70.00	141793																						
70.00	72.00	141794																						
72.00	74.00	141795																						
74.00	76.00	141796																						
76.00	78.00	141797																						
78.00	80.00	141798																						
80.00	82.00	141799																						
standard	UM-4	141800	S																					
blank		141801	B																					
82.00	84.00	141802																						
84.00	86.00	141803																						
86.00	88.00	141804																						
88.00	90.00	141805																						
88.00	90.00	141810	D																					
90.00	92.00	141806																						
92.00	94.00	141807																						
94.00	95.85	141808																						
95.60	97.10			-1 N	N	W	N	N	15 N	N	N	N	N	30	15 N	N	N		I		calc-sil			
95.85	97.00	141809																						
97.10	120.70			-1 N	N	N	N	N	3	2	2	1 N	N	N	N	V	N		Du		minor blk serp			
97.00	99.00	141811																						
99.00	101.00	141812																						
101.00	103.00	141813																						
103.00	105.00	141814																						
105.00	107.00	141815																						
107.00	109.00	141816																						
109.00	111.00	141817																						
111.00	113.00	141818																						
113.00	115.00	141819																						
115.00	117.00	141820																						
117.00	119.00	141821																						
119.00	120.70																							

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SAMPLE DATA				SULPHIDE SUMMARY					MINERALOGY & DESCRIPTION														
From	To	Sample No.	QC (S, D or B)	% Magmatic Sulphide	% Magmatic pentlandite	% Magmatic chalcopyrite	% Remobilized Sulphide	% TOTAL Sulphide	pyroxene	black serpentine	late serpentine	talc	tremolite	biotite	hornblende	chromite	magnetite habit	graphite	colour code	Rock type	Alteration	Structure Angle to C/A	
0.00	6.00	no core																					
6.00	9.60			1.5	0.1	0	3	4.5	0	N	M	N	M	I	I	N	D,S	N		HbPx			
6.00	8.00	141896																					
8.00	9.60	141897																					
9.60	10.20			-1	-1	-1	1	1	0	N	W	N	W	M	W	N	D,S	N		Dk			
9.60	10.20	141798																					
10.20	12.50			0	0	0	5	5	5	N	W	N	M	I	W	N	D,S	S,W		HbPx			
10.20	11.00	141899																					
Sula		141900	S																				
11.00	12.50	141901																					
12.50	13.50			0	0	0	15	15	0	N	W	N	M	M	N	N	DS,SM	M		MSG	alt incl		
12.50	13.50	141902																					
13.50	18.00			0.2	0	0	0.5	0.7	5	N	W	W	M	I	W	N	DS	N		HbPx	alt		
13.50	15.00	141903																					
15.00	17.00	141904																					
17.00	18.00	141905																					
18.00	21.00			0.2	0	0	0.5	0.7	5	N	W	M	M	I	W	N	DS	N		HbPx	alt		
18.00	20.00	141906																					
20.00	21.00	141907																					
21.00	22.60			2	0	0	0	2	20	N	W	N	W	N	N	N	DS,VNN			Wh	tr		
21.00	22.60	141908																					
22.60	23.00			-1	-1	-1	0	0	0	N	N	N	N	N	N	N	N	N		Dk			
22.60	23.00	141909																					
23.00	32.30			0.7	0	0	0.3	1	10	N	W	N	M	W	N	N	DS	N		Wh	tr		
23.00	25.00	141910																					
25.00	27.00	141911																					
27.00	29.00	141912																					
29.00	31.00	141913																					
31.00	32.30	141914																					
32.30	33.80			-1	-1	-1	0.3	0.3	0	N	W	N	N	N	N	N	N	N		Dk	ca,chl		
32.30	33.80	141915																					
33.80	38.50			2	0.05	0	3	5	50	W	M	N	W	N	N	N	DS	N		oPx			
33.80	35.00	141916																					
35.00	37.00	141917																					
37.00	38.50	141918																					
38.50	43.80			0.5	0	0	0.2	0.7	5	N	I	W	M	N	N	N	DS	N		spoPx			

SAMPLE DATA				SULPHIDE SUMMARY					MINERALOGY & DESCRIPTION														
From	To	Sample No.	QC (S, D or B)	% Magmatic Sulphide	% Magmatic pentlandite	% Magmatic chalcopyrite	% Remobilized Sulphide	% TOTAL Sulphide	pyroxene	black serpentine	late serpentine	talc	tremolite	biotite	hornblende	chromite	magnetite habit	graphite	colour code	Rock type	Alteration	Structure Angle to C/A	
38.50	40.00	141919																					
		141920	B																				
40.00	42.00	141921																					
42.00	43.80	141922																					
43.80	44.30			-1	-1	-1	-1	0	0	N	W	N	N	N	N	N	N	N		Dk			
43.80	44.30	141923																					
44.30	47.00			0.7	0	0	5	5.7	10	N	I	N	I	N	N	N	DS	N		Px	alt c		
44.30	46.00	141924																					
UM-4		141925	S																				
46.00	47.00	141926																					
47.00	48.70			0.7	0.05	0	0	0.7	5	N	M	N	I	N	N	N	DS	N		oPx	alt		
47.00	48.70	141927																					
48.70	51.00			0.2	0	0	0	0.2	5	N	I	N	M	N	N	N	DS	N		OpX	alt		
48.70	50.00	141928																					
50.00	51.00	141929																					
51.00	57.00			0.2	0	0	4	4.2	5	N	I	N	M	W	N	N	DS	W		spWh			
51.00	53.00	141930	(A,B) D																				
53.00	55.00	141931																					
55.00	57.00	141932																					
57.00	62.00			0	0	0	10	10	40	N	M	N	M	N	N	N	SM,DSM			cPx	alt		
57.00	59.00	141933																					
59.00	61.00	141934																					
61.00	62.00	141935																					
62.00	65.80			0.7	0	0	5	5.7	20	N	M	N	M	M	N	N	DS	W		oPx	alt		
62.00	64.00	141936																					
64.00	65.80	141937																					
65.80	68.00			-1	-1	-1	0.1	0.1	0	N	W	N	N	N	N	N	N	N		shDk			
65.80	67.00	141938																					
67.00	68.00	141939																					
68.00	78.00			0.8	0.05	0	0.7	1.5	15	N	I	N	M	5	3	N	DS,VNW			cPx	alt		
68.00	70.00	141940																					
70.00	72.00	141941																					
72.00	74.00	141942																					
74.00	76.00	141943																					
76.00	78.00	141944																					
78.00	88.00			0.5	0	0	10	10.5	20	N	I	N	M	3	1	N	DS,SMM			oPx	alt		

SAMPLE DATA				SULPHIDE SUMMARY					MINERALOGY & DESCRIPTION														
From	To	Sample No.	QC (S, D or B)	% Magmatic Sulphide	% Magmatic pentlandite	% Magmatic chalcopyrite	% Remobilized Sulphide	% TOTAL Sulphide	pyroxene	black serpentine	late serpentine	taic	tremolite	biotite	hornblende	chromite	magnetite habit	graphite	colour code	Rock type	Alteration	Structure Angle to C/A	
78.00	80.00	141945																					
80.00	82.00	141946																					
82.00	84.00	141947																					
84.00	86.00	141948																					
86.00	88.00	141949																					
UM-2		141950	S																				
88.00	90.30			0.5	0	0	5	5.5	10	N	I	M	M	M	N	N	DS	W		shcPx	alt		
88.00	89.00	141952																					
89.00	90.30	141953																					
90.30	91.70			0	0	0	8	8	40	N	M	W	M	N	N	N	DS,SMW			shcPx	alt		
90.30	91.70	141954																					
91.70	94.70			0	0	0	15	15	40	N	M	W	M	W	N	N	DS,SMM			cPx	alt		
91.70	93.00	141955																					
93.00	94.70	141956																					
94.70	95.20			0	0	0	5	5	0	N	W	N	N	N	N	N	N	N			Dk		
94.70	95.20	141957																					
95.20	104.20			0.5	0	0	7	7	5	N	M	W	M	W	N	N	DS,SMI			oPx	alt		
95.20	97.00	141958																					
97.00	99.00	141959																					
99.00	101.00	141960																					
101.00	103.00	141961																					
103.00	104.20	141962																					
104.20	107.60			0	0	0	5	5	1	N	I	I	I	N	N	N	SM	M		shopX	alt		
104.20	106.00	141963																					
106.00	107.60	141964																					
107.60	108.50			0	0	0	20	20	40	N	I	W	M	N	N	N	SM	I		cPx	alt		
107.60	108.50	141965																					
108.50	113.40			0	0	0	4	4	5	N	M	N	I	N	N	N	SM	W		cPx	alt		
108.50	110.00	141966																					
110.00	111.40	141967																					
111.40	112.40			4	0	0	1	5	1	N	I	N	W	N	N	N	DS	N		Sp			
111.40	112.40	141968																					
112.40	120.60			0.3	0	0	3	3.3	40	N	M	N	I	N	N	N	SM	W		ocPx	alt		
112.40	114.00	141969																					
114.00	116.00	141970																					
116.00	118.00	141971																					

SAMPLE DATA			SULPHIDE SUMMARY						MINERALOGY & DESCRIPTION														
From	To	Sample No.	QC (S, D or B)	% Magmatic Sulphide	% Magmatic pentlandite	% Magmatic chalcopyrite	% Remobilized Sulphide	% TOTAL Sulphide	pyroxene	black serpentine	late serpentine	talc	tremolite	biotite	hornblende	chromite	magnetite habit	graphite	colour code	Rock type	Alteration	Structure Angle to C/A	
118.00	119.00	141972																					
119.00	120.60	141973																					
120.60	123.60			-1	-1	-1	0	0	0														
120.60	122.00	141974																					
UM-2		141975	S																				
122.00	123.60	141976																					
123.60	143.60			0.3	0	0	3	3.3	40	N	M	N	I	N	N	N	SM	W		ocPx	alt		
123.60	125.00	141977																					
125.00	127.00	141978																					
127.00	129.00	141979																					
blank		141980	B																				
129.00	131.00	141981																					
131.00	133.00	141982																					
133.00	135.00	141983																					
135.00	137.00	141984																					
137.00	139.00	141985																					
139.00	141.00	141986																					
141.00	142.00	141987																					
142.00	143.60	141988																					
143.60	148.20			3	0.2	0	0.8	4	0	N	I	N	M	N	N	N	DS	N		shSp			
143.60	145.00	141989																					
145.00	147.00	141990																					
147.00	148.20	141991																					

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SAMPLE DATA				SULPHIDE SUMMARY					MINERALOGY & DESCRIPTION														
From	To	Sample No.	QC (S, D or B)	% Magmatic Sulphide	% Magmatic pentlandite	% Magmatic chalcopyrite	% Remobilized Sulphide	% TOTAL Sulphide	pyroxene	black serpentine	late serpentine	talc	tremolite	biotite	hornblende	chromite	magnetite habit	graphite	colour code	Rock type	Alteration	Structure Angle to C/A	
0.00	1.50																						
1.50	3.35																						
3.35	4.90																						
4.90	10.20			0.05	N	N	N	0.05	<10	M	N	N	N	N	N	N	D,V	N		Du			
4.90	7.00	141992																					
7.00	9.00	141993																					
10.20	49.20			2	N	N	0.5	2.5	10	M	N	N	N	W	N	N	V,D	N		Du			
9.00	11.00	141994																					
11.00	13.00	141995																					
13.00	15.00	141996																					
15.00	17.00	141997																					
17.00	19.00	141998																					
19.00	20.00	141999																					
standard	UM-2	142000																					
21.00	23.00	142001																					
23.00	25.00	142002																					
25.00	27.00	142003																					
27.00	29.00	142004																					
29.00	31.00	142005																					
31.00	33.00	142006																					
33.00	35.00	142007																					
35.00	37.00	142008																					
37.00	39.00	142009																					
blank		142010																					
39.00	41.00	142011																					
41.00	43.00	142012																					
43.00	45.00	142013																					
45.00	47.00	142014																					
49.20	61.70			5	1	N	0.1	6	1.5	M	N	N	N	W	N	N	V,D	N		dWh			
47.00	51.00	142015																					
51.00	53.00	142016																					
53.00	55.00	142017																					
55.00	57.00	142018																					
57.00	59.00	142019																					
		142020	D																				
59.00	61.00	142021																					

SAMPLE DATA				SULPHIDE SUMMARY						MINERALOGY & DESCRIPTION												
From	To	Sample No.	QC (S, D or B)	% Magmatic Sulphide	% Magmatic pentlandite	% Magmatic chalcopyrite	% Remobilized Sulphide	% TOTAL Sulphide	pyroxene	black serpentine	late serpentine	talc	tremolite	biotite	hornblende	chromite	magnetite habit	graphite	colour code	Rock type	Alteration	Structure Angle to C/A
61.70	65.90			3	0.5	N	N	3	10	M	N	N	N	N	N	N	V,D	N		Du		
61.00	63.00	142022																				
63.00	65.00	142023																				
65.90	73.45			5	1	N	0.5	5	10	M	N	N	N	N	N	N	V,D	N		Du		
65.00	67.00	142024																				
	UM-4	142025																				
67.00	69.00	142026																				
69.00	71.00	142027																				
71.00	73.00	142028																				
73.45	74.30			3	0.5	N	0.5	4	10	S	N	N	W	N	N	N	V	N		Du		
74.30	78.60			4	0.5	N	0.5	4	10	M-S	N	N	W	N	N	N	V,D	N		Du		
73.00	75.00	142029																				
75.00	77.00	142030																				
78.60	85.30			3	0.5	N	0.5	3	10	M	N	N	W	N	N	N	D,V	N		Du		
77.00	79.00	142031																				
79.00	81.00	142032																				
81.00	83.00	142033																				
83.00	85.00	142034																				
85.30	86.80			5	1	N	0.1	5	17	W	N	N	W	N	N	N	D	N		Wh		
86.80	94.00			3	0.5	N	0.1	3	15	M	N	N	W	N	N	N	V,D	N		Du(Wh)		
85.00	87.00	142035																				
87.00	89.00	142036																				
89.00	91.00	142037																				
91.00	93.00	142038																				
93.00	95.00	142039																				
94.00	96.32							3		M	N	N	W	N	N	N	V			Du (Wh)		
blank		142040																				
95.00	96.32	142041																				

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SAMPLE DATA			SULPHIDE SUMMARY						MINERALOGY & DESCRIPTION														
From	To	Sample No.	QC (S, D or B)	% Magmatic Sulphide	% Magmatic pentlandite	% Magmatic chalcopyrite	% Remobilized Sulphide	% TOTAL Sulphide	pyroxene	black serpentine	late serpentine	talc	tremolite	biotite	hornblende	chromite	magnetite habit	graphite	colour code	Rock type	Alteration	Structure Angle to C/A	
0.00	1.50																						
1.50	3.35																						
3.35	15.54																				mtPx		
3.35	8.00	142042																					
8.00	10.00	142043																					
10.00	12.00	142044																					
12.00	14.00	142045																					
15.54	30.60			0.1	0.1	0.1															Hb		
14.00	16.00	142046																					
16.00	18.00	142047																					
18.00	20.00	142048																					
20.00	22.00	142049																					
UM-2		142050																					
22.00	24.00	142051	D																				
24.00	26.00	142052																					
26.00	28.00	142053																					
28.00	30.00	142054																					
30.00	32.00	142055																					
30.60	32.90				0.1	0.1		0.2														mtPx	
32.00	34.00	142056																					
32.90	43.20			0.1	0.3	0.1		0.5														Hb	
34.00	36.00	142057																					
36.00	38.00	142058																					
38.00	40.00	142059																					
40.00	42.00	142060																					
42.00	44.00	142061																					
43.20	62.80			0.1	0.3	0.1		0.5														mtPx	
44.00	46.00	142062																					
46.00	48.00	142063																					
48.00	50.00	142064																					
50.00	52.00	142065																					
52.00	54.00	142066																					
54.00	56.00	142067																					
56.00	58.00	142068																					
58.00	60.00	142069																					
blank		142070	B																				
60.00	62.00	142071																					

SAMPLE DATA			SULPHIDE SUMMARY						MINERALOGY & DESCRIPTION														
From	To	Sample No.	QC (S, D or B)	% Magmatic Sulphide	% Magmatic pentlandite	% Magmatic chalcocopyrite	% Remobilized Sulphide	% TOTAL Sulphide	pyroxene	black serpentine	late serpentine	talc	tremolite	biotite	hornblende	chromite	magnetite habit	graphite	colour code	Rock type	Alteration	Structure Angle to C/A	
62.80	67.50			0.1	0.2	0.2		0.5															
62.00	64.00	142072																					
64.00	66.00	142073																					
66.00	68.00	142074																					
67.50	68.45			0.1	0.5			0.5															
WVG-1		142075																					
68.00	70.00	142076																					
68.45	68.90				0.5																		
68.90	76.50			0.5	0.1	0.05		0.5															
70.00	72.00	142077																					
72.00	74.00	142078																					
74.00	76.50	142079																					

HOLE 0443

SAMPLE DATA			SULPHIDE SUMMARY						MINERALOGY & DESCRIPTION													
From	To	Sample No.	QC (S, D or B)	% Magmatic Sulphide	% Magmatic pentlandite	% Magmatic chalcopyrite	% Remobilized Sulphide	% TOTAL Sulphide	pyroxene	black serpentine	late serpentine	talca	tremolite	biotite	hornblende	chromite	magnetite habit	graphite	colour code	Rock type	Alteration	Structure Angle to C/A
7.40	12.70			2.5	0.0	0.1	0.0	2.6	0.0	N	N	N	N	N	90	N	DS	N		Hb	ep,chl	competent
7.40	9.40	142080																				
9.40	11.40	142081																				
11.40	12.70	142082																				
12.70	23.90			0.5	0	0	0	0.5	0	N	N	N	N	N	90	N	DS	N		Hb	ep,chl,qtz	competent
12.70	14.70	142083																				
14.70	16.80	142084																				
16.80	18.70	142085																				
18.70	20.70	142086																				
20.70	22.70	142087																				
22.70	23.90	142088																				
23.90	29.80			0.2	0	0	0	0.2	10	N	N	N	N	N	85	N	DS	N		Hb	ep,chl,minor qtz @29.8	competent
23.90	25.90	142089																				
25.90	27.90	142090																				
27.90	29.80	142091																				
29.80	36.80			0.05	0	0	0	0.05	1	N	N	N	N	N	60	N	DS	N		Hb	ep,chl,qtz 20%	competent
29.80	31.80	142092																				
31.80	33.80	142093																				
33.80	35.80	142094																				
35.80	36.80	142095																				
36.80	49.30			0.4	0	0	0	0.4	1	N	N	N	N	N	90	N	DS	N		shHb	ep,chl,qtz	
36.80	38.80	142096																				
38.80	40.80	142097																				
40.80	42.80	142098																				
42.80	44.80	142099																				
standard		142100	S																			
44.80	46.80	142101																				
46.80	48.00	142102																				
48.00	49.30	142103																				
49.30	50.40			3	0	0.05	0	3	5	N	N	N	N	N	85	N	DS	N		Hb	ep,qtz,chl	
49.30	50.40	142104																				
50.40	55.60			1	0	0.05	0	1	1	N	N	N	N	N	95	N	DS+X	N		Hb	chl,ep	competent
50.40	52.40	142105																				
52.40	54.40	142106																				
54.40	55.60	142107																				

SAMPLE DATA				SULPHIDE SUMMARY					MINERALOGY & DESCRIPTION													
From	To	Sample No.	QC (S, D or B)	% Magmatic Sulphide	% Magmatic pentlandite	% Magmatic chalcopyrite	% Remobilized Sulphide	% TOTAL Sulphide	pyroxene	black serpentine	late serpentine	talc	tremolite	biotite	hornblende	chromite	magnetite habit	graphite	colour code	Rock type	Alteration	Structure Angle to C/A
blank		142108																				
55.60	59.60			1	0	0.1	0	1	15	N	N	N	N	N	80	N	DS	N		Hb		
55.60	57.60	142109																				
57.60	59.60	142110																				
59.60	61.60	142111																				
61.60	63.00	142112																				
63.00	64.20	142113																				
64.20	66.20	142114																				
66.20	67.60	142115																				
67.60	69.60	142116																				
69.60	71.60	142117																				
71.60	73.00	142118																				
73.00	75.00	142119																				
75.00	76.50	142120																				
76.50	78.50	142121																				
78.50	79.50	142122																				
79.50	81.50	142123																				
81.50	83.00	142124																				
UM-2		142125																				
83.00	84.00	142126																				
84.00	86.30	142127																				
86.30	88.30	142128																				
88.30	89.90	142129																				
blank		142130																				
89.90	90.90	142131																				
90.90	92.90	142132																				
92.90	94.60	142133																				
94.60	95.70	142134																				
95.70	97.70	142135																				
97.70	99.70	142136																				
99.70	101.70	142137																				
101.70	103.00	142138																				
103.00	104.90	142139																				
104.90	106.90	142140	D																			
106.90	108.60	142141																				
108.60	109.50	142142																				

SAMPLE DATA			SULPHIDE SUMMARY						MINERALOGY & DESCRIPTION														
From	To	Sample No.	QC (S, D or B)	% Magmatic Sulphide	% Magmatic pentlandite	% Magmatic chalcocopyrite	% Remobilized Sulphide	% TOTAL Sulphide	pyroxene	black serpentine	late serpentine	talc	tremolite	biotite	hornblende	chromite	magnetite habit	graphite	colour code	Rock type	Alteration	Structure Angle to C/A	
109.50	111.50	142143																					
111.50	113.20	142144																					
113.20	115.20	142145																					
115.20	116.80	142146																					
116.80	118.80	142147																					
118.80	120.80	142148																					
120.80	122.80	142149																					
UM-2		142150	S																				
122.80	124.80	142151																					
124.80	126.00	142152																					
126.00	127.00	142153																					
127.00	128.90	142154																					
128.90	130.90	142155																					
130.90	132.00	142156																					
132.00	133.20	142157																					
133.20	135.20	142158																					
135.20	137.20	142159																					
blank		142160	B																				
137.20	139.20	142161																					
139.20	141.20	142162																					
141.20	143.20	142163																					
143.20	144.20	142164																					
144.20	146.20	142165																					
146.20	148.20	142166																					
148.20	150.20	142167																					
150.20	152.20	142168																					
152.20	154.00	142169																					
154.00	156.20	142170	D																				
156.20	157.50	142171																					
157.50	158.80	142172																					

HOLE 04-44

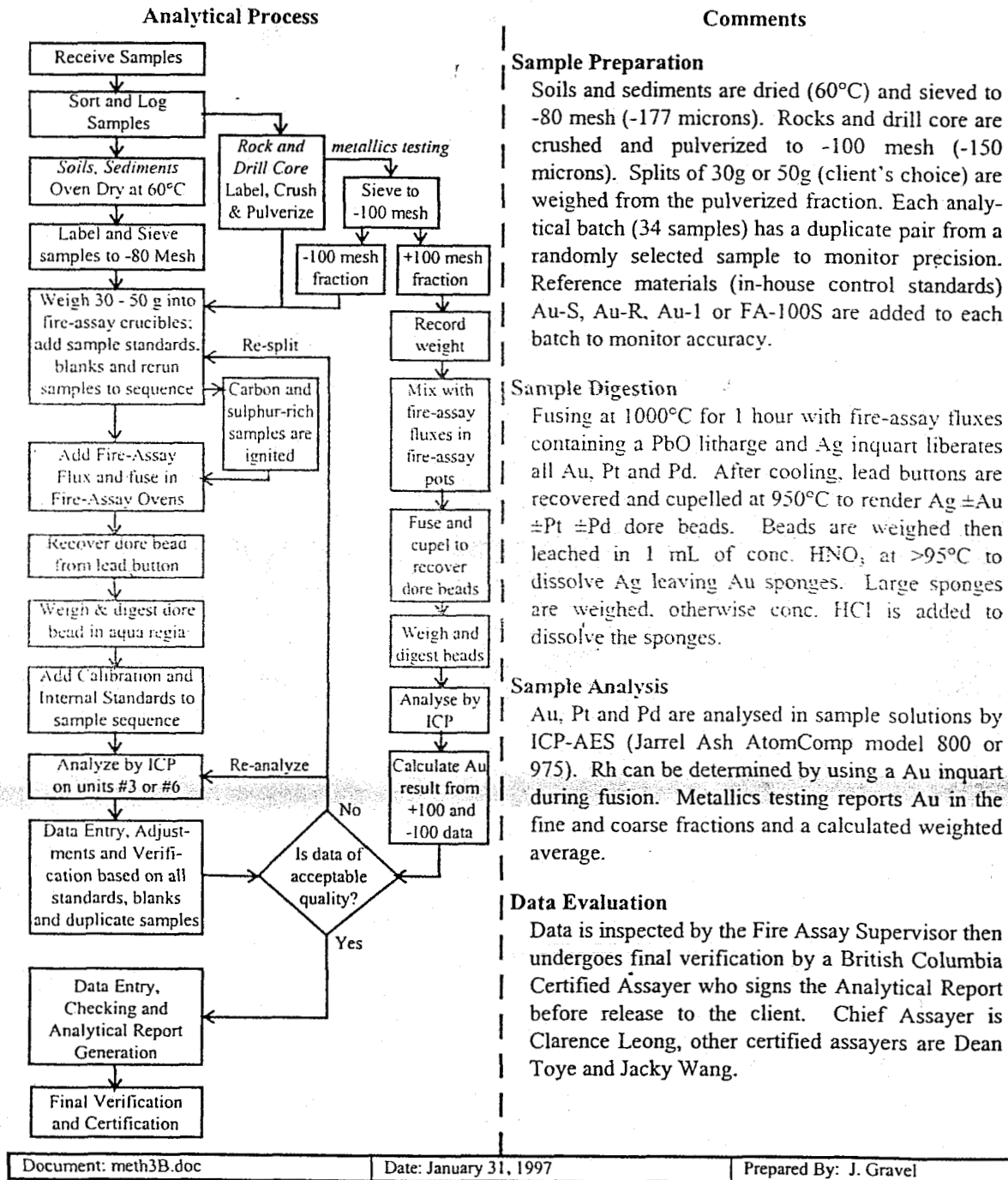
SAMPLE DATA				SULPHIDE SUMMARY						MINERALOGY & DESCRIPTION													
From	To	Sample No.	QC (S, D or B)	% Magmatic Sulphide	% Magmatic pentlandite	% Magmatic chalcopyrite	% Remobilized Sulphide	% TOTAL Sulphide	pyroxene	black serpentine	late serpentine	taic	tremolite	biotite	hornblende	chromite	magnetite habit	graphite	colour code	Rock type	Alteration	Structure Angle to C/A	
0.00	3.05																						
3.05	9.20			1	0.8	0.2		1	M	N	N	W	W	N	M	N	D	N		Ob WhHb			
3.05	5.00	143737																					
5.00	7.00	143738																					
7.00	9.15	143739																					
9.20	15.30			1	0.75	0.2	0	1	N	N	N	W	N	N	I	N	D	N		Hb	minor chlorite epidote		
9.15	11.00	143740	D																				
11.00	13.00	143741																					
13.00	15.30	143742																					
15.30	25.30			0.1	0.1	0.1		0.1	W	N	N	N	W?	W	M	N	D	N		BxWhHb			
15.30	17.00	143743																					
17.00	19.00	143744																					
19.00	21.00	143745																					
21.00	23.00	143746																					
23.00	24.00	143747																					
24.00	25.20	143748																					
25.3.	35.70			1	1	0.2		1.2	5-50	W	N	N	N	N	15+	N	D	N		hboPxx			
25.30	27.00	143749																					
standard	WGB-1	143750	S																				
27.00	29.00	143751																					
29.00	31.00	143752																					
31.00	33.00	143753																					
33.00	35.00	143754																					
35.00	37.40	143755																					
35.70	84.60			0.5		0.2		0.5	55	N	N	W	W	N	45	N	D	N		hbPx			
37.40	39.00	143756																					
39.00	41.00	143757																					
41.00	43.00	143758																					
43.00	45.00	143759																					
blank		143760																					
45.00	47.00	143761																					
47.00	49.00	143762																					
49.00	51.00	143763																					
51.00	53.00	143764																					
53.00	55.00	143765																					
55.00	57.00	143766																					

SAMPLE DATA				SULPHIDE SUMMARY					MINERALOGY & DESCRIPTION														
From	To	Sample No.	QC (S, D or B)	% Magmatic Sulphide	% Magmatic pentlandite	% Magmatic chalcopyrite	% Remobilized Sulphide	% TOTAL Sulphide	pyroxene	black serpentine	late serpentine	talc	tremolite	biotite	hornblende	chromite	magnetite habit	graphite	colour code	Rock type	Alteration	Structure Angle to C/A	
57.00	59.00	143767																					
59.00	61.00	143768																					
61.00	63.00	143769																					
63.00	65.20	143770	D																				
65.20	67.00	143771																					
67.00	69.00	143772																					
69.00	71.00	143773																					
71.00	73.00	143774																					
standard	WMG-1	143775	S																				
73.00	75.00	143776																					
75.00	77.00	143777																					
77.00	79.00	143778																					
79.00	81.00	143779																					
81.00	83.00	143780																					
83.00	84.60	143781																					
84.60	91.10			1.5		0.2		1.5	15	N	N	N	N	N	I	N	D	N		MtHb			
84.60	86.00	143782																					
86.00	87.45	143783																					
87.45	88.70	143784																					
88.70	90.20	143785																					
90.20	91.10	143786																					
91.10	98.00			0.3		0.1		0.3	40	M	N	W	N	W	I	N	D	N		HbmtPx			
91.10	93.25	143787																					
93.25	95.00	143788																					
95.00	97.00	143789																					
blank		143790	B																				
98.00	124.10			0.1		0		0.1	60-90	M	N	W	N	W	W	N	D,V	N		mtPx			
97.00	99.00	143791																					
99.00	101.00	143792																					
101.00	103.00	143793																					
103.00	105.00	143794																					
105.00	107.00	143795																					
107.00	109.00	143796																					
109.00	111.00	143797																					
111.00	113.00	143798																					
113.00	115.00	143799																					

SAMPLE DATA				SULPHIDE SUMMARY					MINERALOGY & DESCRIPTION														
From	To	Sample No.	QC (S, D or B)	% Magmatic Sulphide	% Magmatic pentlandite	% Magmatic chalcopyrite	% Remobilized Sulphide	% TOTAL Sulphide	pyroxene	black serpentine	late serpentine	talc	tremolite	biotite	hornblende	chromite	magnetite habit	graphite	colour code	Rock type	Alteration	Structure Angle to C/A	
standard	UM-2????	143800	S																				
115.00	117.00	143801	D																				
117.00	119.00	143802																					
119.00	121.00	143803																					
121.00	123.00	143804																					
123.00	124.10	143805																					

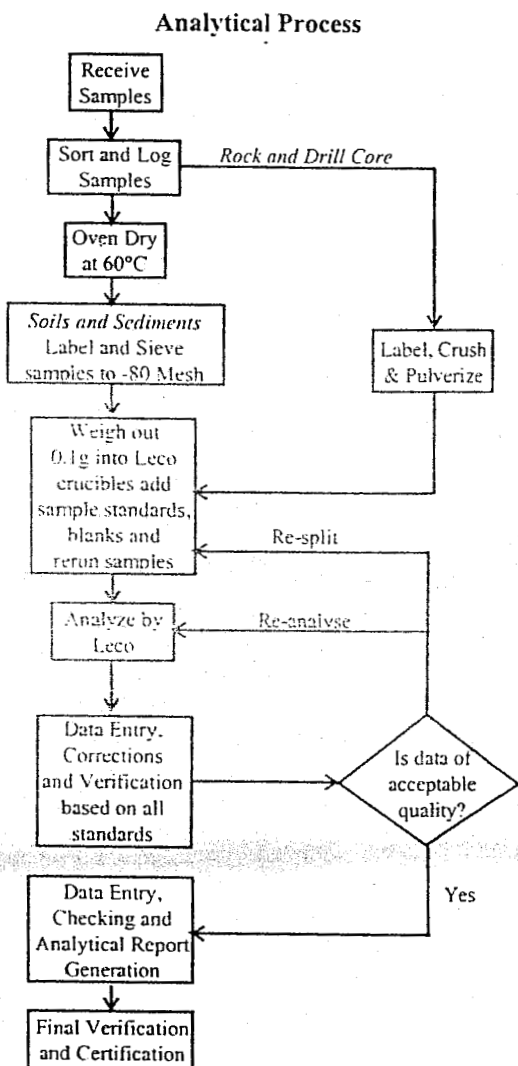
APPENDIX C

**METHODS AND SPECIFICATIONS FOR ANALYTICAL PACKAGE
GROUP 3B - PRECIOUS METALS BY FIRE GEOCHEM**



METHODS AND SPECIFICATIONS FOR ANALYTICAL PACKAGE

GROUP 2A: TOTAL SULPHUR



Comments

Sample Preparation

Soils and sediments are dried (60°C) and sieved to -80 mesh ASTM (-177 microns), rocks and drill core are crushed and pulverized to -100 mesh ASTM (-150 microns). Moss-mat samples are dried (60°C), macerated then sieved to recover -80 mesh sediment or ashed at 550°C (upon a client's request). Sample splits (0.1 g) are placed in Leco crucibles. Duplicate splits of crushed (rejects duplicate) and pulverized (pulp duplicate) fractions are included with every 34 drill core or trench samples to define sample homogeneity (reject duplicate) and analytical precision (pulp duplicate). Duplicate pulp splits (only) are included in every batch of soil, sediment and routine rock samples. A blank and in-house standard material STD CSA are carried through weighing, ignition and analytical stages to monitor accuracy.

Sample Analysis

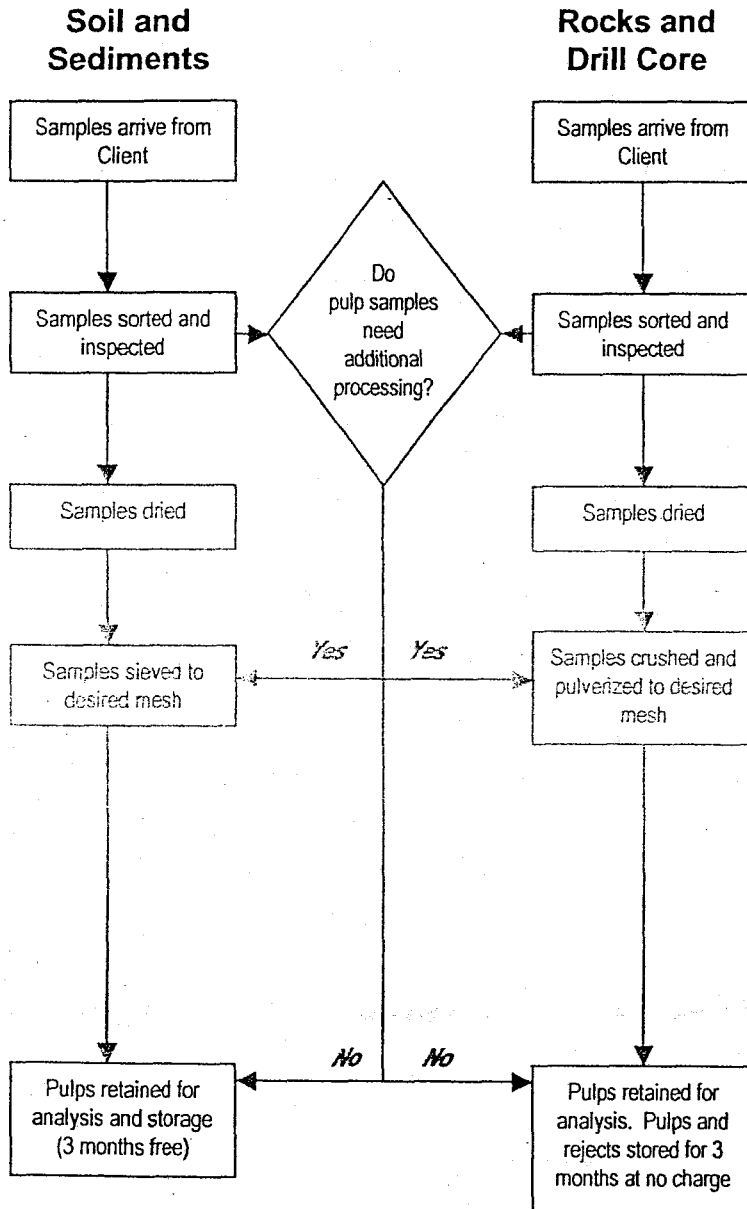
Samples are analyzed in a Leco C244 Carbon-Sulphur analyser. The sulphur determined is total and attributed to the presence of sulphur in all forms.

Data Evaluation

Raw and final data from the Leco Carbon-Sulphur analyser undergoes a final verification by a British Columbia Certified Assayer who must sign the analytical report before release to the client. Chief assayer is Clarence Leong, other certified assayers are Dean Toye and Jacky Wang.



General Sample Preparation Methods



Comments

Receiving: Samples arrive via courier, post or by client drop-off; shipment inspected for completeness.

Sorting and Inspection: Samples sorted and inspected for quality of use (quantity and condition). Rock and Drill Core samples inspected for mineralisation (colour and % sulphides, metal oxides or carbonates). Pulp samples inspected for homogeneity and fineness. Coarse pulps are screened or pulverized after getting client's approval.

Drying: Wet or damp samples are dried at 60°C (40°C if specified by the client).

Sieving: Soil and sediment sieved to -80 mesh ASTM (-177 microns) unless client specifies otherwise. Sieve cleaned by brush and compressed air between samples. Reference material G-1 (pulp made of granite blank) is carried as first sample in sequence (sieve>weigh>digest>analyse) to monitor background noise.

Crushing and Pulverizing: Rock and Drill Core crushed to 70% passing 10 mesh (2 mm), homogenized, riffle split (250 g subsample) and pulverized to 95% passing 150 mesh (100 microns). Crusher and pulverizer cleaned by brush and compressed air between routine samples. Silica wash scours equipment after high-grade samples, between changes in rock colour and at end of each file. Silica is crushed and pulverized as first sample in sequence and carried through to analysis to monitor background noise.

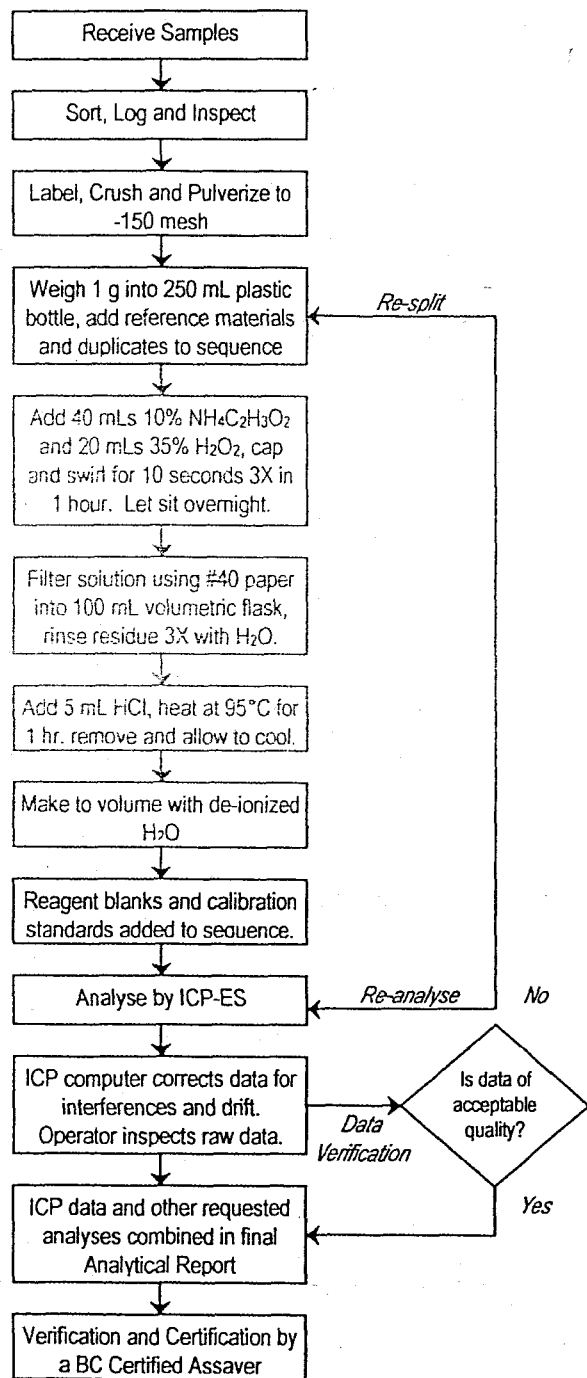
Compositing: Equal weights of crushed, pulverized or sieved material from 2 or more samples are combined and pulverized for 60+ seconds to produce a homogeneous mixture.

Storage: Pulp samples (up to 100g for soils or sediments and up to 250 g for rock and drill core) are archived for 3 months at no cost. Soil and sediment rejects are discarded immediately. Rock and drill core rejects are stored for 3 months at no charge. Client may request additional storage, return or disposal of pulps and rejects after initial free-storage period.



METHODS AND SPECIFICATIONS FOR ANALYTICAL PACKAGE GROUP 8 – NI-SULPHIDE ASSAY BY ICP-ES

Analytical Process



Comments

Sample Preparation

Assaying is warranted for representative well-mineralized samples (eg. Ni > 0.5%). Rock and drill core is jaw crushed to 70% passing 10 mesh (2 mm), a 250 g aliquot is riffle split and pulverized to 95% passing 150 mesh (100 µm) in a mild-steel ring-and-puck mill. Aliquots of 1.000 ± 0.002 g are weighed into 250 mL plastic bottles. Acme's QA/QC protocol requires two pulp duplicates to monitor analytical precision and aliquots of certified reference material UM-2 or UM-4 and/or in-house reference material NC-1 to monitor accuracy in each batch of 34 samples. Drill core programs will include a pulp from a 2nd crushed fraction split (rejects duplicate) to measure method precision.

Sample Digestion

Samples are cold leached with a mixture of 40 mLs of 10% ammonium acetate and 20 mLs of 35% hydrogen peroxide that is agitated for 10 seconds three times within the first hour then let to stand overnight. Solutions are filtered into a 100 mL volumetric flask and the residue is rinsed 3X with de-ionized water. Solutions are heated in hot water bath (95°C) for 1 hour then allowed to cool. Solutions are made up to volume (100 mL) with de-ionized water. Acme's QA/QC protocol requires simultaneous digestion of two reagent blanks inserted in each batch.

Sample Analysis

Sample solutions are aspirated into a Jarrel Ash Atomcomp model 800 or 975 ICP emission spectrograph to determine Ni.

Calculation

This leach extracts both Ni sulphide and Ni oxide (Ni_{s-o}). A Ni-Oxide (Ni_o) leach must be conducted then used to back calculate for Ni sulphide (Ni_s) content using the following equation:

$$Ni_s = Ni_{s-o} - Ni_o$$

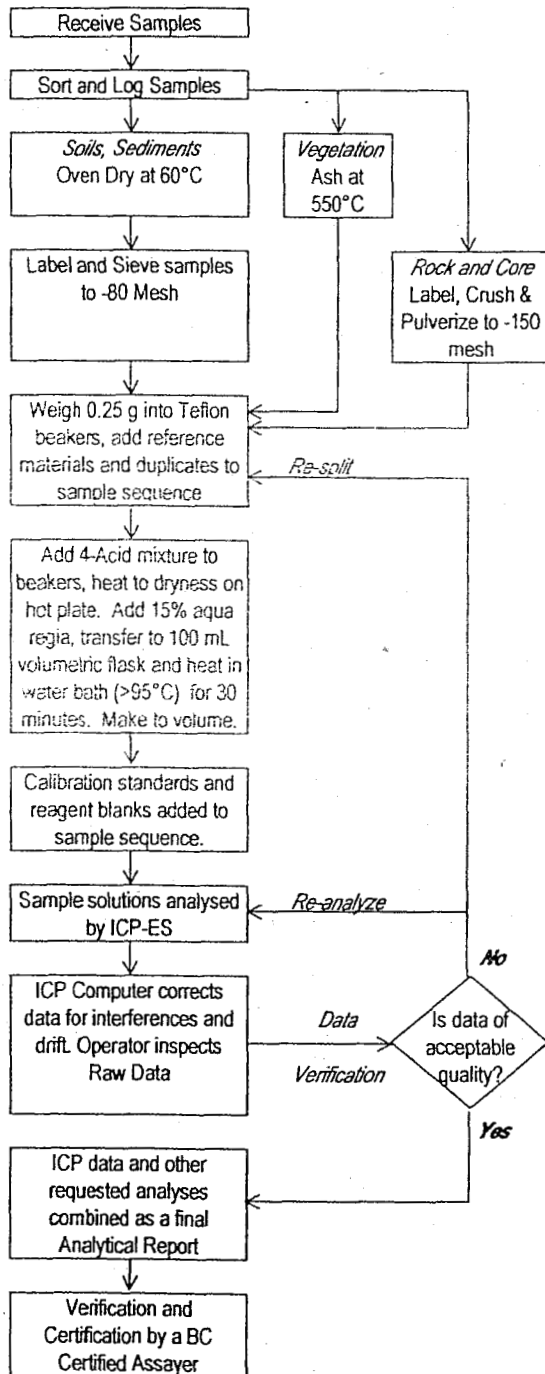
Data Evaluation

Raw and final data from the ICP-ES undergoes a final verification by a British Columbia Certified Assayer who then signs the Analytical Report before it is released to the client. Chief Assayer is Clarence Leong, other certified assayers are Dean Toye and Jacky Wang.



METHODS AND SPECIFICATIONS FOR ANALYTICAL PACKAGE GROUP 7TD – MULTI-ELEMENT ASSAY BY ICP-ES • TOTAL DIGESTION

Analytical Process



Comments

Sample Preparation

Assaying is warranted for representative well-mineralized samples (eg. Cu > 1%). Samples are dried at 60°C. Soil, sediment and moss mats (after pounding) are sieved to -80 mesh (-177 µm). Vegetation is dried (60°C) and pulverized or ashed (475°C). Rock and drill core is jaw crushed to 70% passing 10 mesh (2 mm), a 250 g aliquot is riffle split and pulverized to 95% passing 150 mesh (100 µm) in a mild-steel ring-and-puck mill. Aliquots of 0.250 ± 0.002 g are weighed into Teflon beakers. Acme's QA/QC protocol requires two pulp duplicates to monitor analytical precision and an aliquot of in-house reference material STD R-1 to monitor accuracy in each batch of 34 samples. Trench and drill core programs will also include a pulp made from a 2nd crushed fraction split (rejects duplicate) to measure method precision.

Sample Digestion

A 18:10:3:6 mixture of H₂O-HF-HClO₄-HNO₃ (ACS grade) is added, the sample is heated to fuming on a hot plate and taken to dryness. The residue is taken up in dilute (15%) aqua regia (HCl:HNO₃:H₂O), transferred to a 100 mL volumetric flask and heated for 30 minutes in a boiling water (>95°C) bath. After cooling for 3 hrs, solutions are made up to volume (100 mL) with dilute (5%) HCl. Very high-grade samples may require a 1 g to 250 mL or 0.25 g to 250 mL sample/solution ratio for accurate determination. Acme's QA/QC protocol requires simultaneous digestion of two reagent blanks inserted in each batch.

Sample Analysis

Sample solutions are aspirated into a Jarrel Ash Atomcomp model 800 or 975 ICP emission spectrograph to determine 21 elements: Ag, Al, Bi, Ca, Cd, Co, Cr, Cu, Fe, K, Mg, Mn, Mo, Na, Ni, P, Pb, Sb, Sr, W, Zn.

Data Evaluation

Raw and final data from the ICP-ES undergoes a final verification by a British Columbia Certified Assayer who then signs the Analytical Report before it is released to the client. Chief Assayer is Clarence Leong, other certified assayers are Dean Toye and Jacky Wang.

ASSAY CERTIFICATE

Canadian Metals Exploration Limited PROJECT TUR-C04-27a File # A402473 Page 1

1060 - 1090 W. Georgia St, Vancouver BC V6E 3V7 Submitted by: Tony Hitchins



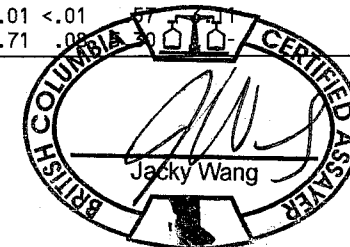
SAMPLE#	Mo %	Cu %	Pb %	Zn %	Ag gm/mt	Ni %	Co %	Mn %	Fe %	As %	Sr %	Cd %	Sb %	Bi %	Ca %	P %	Cr %	Mg %	Al %	Na %	K %	W %	TOT/S %	Sample kg	
SI	<.001	<.001	<.02	<.01	<2	<.001	<.001	<.01	.14	<.01	.02	<.001	<.01	<.01	8.98	.01	.001	.20	.91	11.89	.25	<.01	<.02	-	
140652	<.001	.003	<.02	.01	<2	.212	.009	.12	5.35	<.01	<.01	<.001	<.01	<.01	2.46	.01	.173	21.50	.66	.47	.08	<.01	.22	1.72	
140653	<.001	.001	<.02	.01	<2	.269	.012	.10	5.75	<.01	<.01	<.001	<.01	<.01	.31	.01	.150	25.30	.45	.06	.15	<.01	.21	2.76	
140654	<.001	.012	<.02	.01	<2	.191	.010	.18	7.44	<.01	<.01	<.001	<.01	<.01	2.17	.01	.154	20.21	.66	.05	.12	<.01	.61	2.72	
140655	.002	.041	<.02	.01	<2	.187	.012	.16	8.30	<.01	<.01	<.001	<.01	<.01	6.12	<.01	.162	18.27	.41	.02	.02	<.01	1.70	3.34	
140656	<.001	.009	<.02	<.01	<2	.256	.012	.11	6.96	<.01	<.01	<.001	<.01	<.01	2.63	.01	.143	23.14	.20	.01	<.01	<.01	.41	2.77	
140657	<.001	.003	<.02	<.01	<2	.281	.015	.19	7.79	<.01	<.01	<.001	<.01	<.01	1.39	.01	.235	27.25	.27	<.01	<.01	<.01	.19	3.24	
140658	<.001	.003	<.02	.01	<2	.254	.016	.15	8.15	<.01	<.01	<.001	<.01	<.01	1.26	.01	.334	27.13	.20	.01	<.01	<.01	.16	2.80	
140663	<.001	.001	<.02	<.01	<2	.293	.013	.14	6.18	<.01	<.01	<.001	<.01	<.01	1.01	.01	.325	29.60	.15	.01	<.01	<.01	.12	2.68	
140664	<.001	.001	<.02	.01	<2	.296	.013	.13	6.77	<.01	<.01	<.001	<.01	<.01	1.02	.01	.358	28.41	.20	.04	.02	<.01	.11	2.63	
140669	<.001	.006	<.02	.01	<2	.266	.015	.17	8.21	<.01	<.01	<.001	<.01	<.01	1.12	<.01	.438	29.17	.11	.01	<.01	<.01	.12	2.95	
140670 ROCK	<.001	.005	<.02	.01	<2	.002	.001	.11	4.74	<.01	.05	<.001	<.01	<.01	5.06	.06	.003	2.05	9.34	2.77	1.40	<.01	<.02	1.46	
140672	<.001	.021	<.02	.01	<2	.163	.015	.15	11.95	<.01	<.01	<.001	<.01	<.01	4.06	.01	.379	21.93	.24	.05	<.01	<.01	.35	3.37	
140673	<.001	.022	<.02	<.01	<2	.171	.014	.15	10.95	<.01	<.01	<.001	<.01	<.01	4.93	.01	.228	22.20	.19	.04	.01	<.01	.66	2.50	
140674	<.001	.020	<.02	<.01	<2	.165	.015	.14	10.61	<.01	<.01	<.001	<.01	<.01	2.53	.01	.232	24.29	.14	.02	<.01	<.01	.58	1.82	
140676	<.001	.068	<.02	.01	<2	.335	.018	.17	10.06	<.01	<.01	<.001	<.01	<.01	1.92	<.01	.368	25.65	.13	.02	<.01	<.01	.54	1.96	
140677	<.001	.018	<.02	.01	<2	.259	.017	.19	10.24	<.01	<.01	<.001	<.01	<.01	1.79	.01	.395	26.25	.11	.01	.01	<.01	.61	2.84	
140678	<.001	.029	<.02	.01	<2	.309	.022	.18	11.15	<.01	<.01	<.001	<.01	<.01	.89	.01	.381	26.43	.09	.01	<.01	<.01	1.06	2.65	
140679	<.001	.036	<.02	.01	<2	.200	.027	.16	10.89	<.01	<.01	<.001	<.01	<.01	.59	.01	.311	27.68	.06	<.01	.01	<.01	.93	8.65	
140680	<.001	.022	<.02	<.01	<2	.385	.020	.15	8.27	<.01	<.01	<.001	<.01	<.01	.56	.01	.338	28.69	.09	<.01	<.01	<.01	.36	1.63	
RE 140680	<.001	.023	<.02	<.01	<2	.391	.020	.15	8.41	<.01	<.01	<.001	<.01	<.01	.59	.01	.341	29.17	.10	.02	<.01	<.01	.35	-	
RRE 140680	<.001	.023	<.02	<.01	<2	.388	.020	.15	8.25	<.01	<.01	<.001	<.01	<.01	.63	.01	.325	28.89	.08	.02	<.01	<.01	.36	-	
140681	<.001	.025	<.02	<.01	<2	.360	.018	.14	8.16	<.01	<.01	<.001	<.01	<.01	.69	.01	.337	28.11	.10	.01	<.01	<.01	.36	3.48	
140682	<.001	.061	<.02	<.01	<2	.341	.018	.12	8.08	<.01	<.01	<.001	<.01	<.01	.15	.01	.286	28.31	.12	<.01	<.01	<.01	.37	2.61	
140683	<.001	.015	<.02	<.01	<2	.218	.014	.14	8.99	<.01	<.01	<.001	<.01	<.01	.55	.01	.241	27.71	.09	<.01	<.01	<.01	.23	2.93	
140688	<.001	.002	<.02	.01	<2	.274	.016	.13	7.05	<.01	<.01	<.001	<.01	<.01	.49	.01	.696	29.83	.15	.02	<.01	<.01	.08	2.68	
140693	<.001	.006	<.02	<.01	<2	.299	.013	.11	6.21	<.01	<.01	<.001	<.01	<.01	1.85	.01	.408	28.17	.14	.01	<.01	<.01	.14	2.84	
140697	<.001	<.001	<.02	<.01	<2	.336	.013	.12	6.72	<.01	<.01	<.001	<.01	<.01	.89	.01	.599	29.30	.12	.02	<.01	<.01	.09	3.10	
140698	<.001	<.001	<.02	<.01	<2	.346	.013	.12	6.37	<.01	<.01	<.001	<.01	<.01	.65	.01	.497	29.81	.12	.01	<.01	<.01	.10	2.88	
140699	<.001	<.001	<.02	.02	<2	.286	.011	.12	5.94	<.01	<.01	<.001	<.01	.01	.47	<.01	4.817	24.28	.42	<.01	<.01	<.01	.06	1.24	
140700 PULP	<.001	.106	<.02	.01	<2	.378	.018	.06	10.53	<.01	<.01	<.001	<.01	<.01	3.79	.01	.587	15.65	2.44	.23	.07	<.01	1.15	-	
140701	<.001	<.001	<.02	<.01	<2	.361	.013	.10	5.07	<.01	<.01	<.001	<.01	<.01	.25	.01	.646	29.47	.12	<.01	<.01	<.01	.07	2.07	
140702	<.001	.002	<.02	<.01	<2	.330	.014	.11	5.61	<.01	<.01	<.001	<.01	<.01	.36	.01	.269	29.55	.06	<.01	<.01	<.01	.08	2.86	
140707	<.001	.005	<.02	.01	<2	.259	.013	.21	10.70	<.01	<.01	<.001	<.01	<.01	2.23	.01	.176	26.30	.09	.03	<.01	<.01	.31	3.51	
140708	<.001	.004	<.02	.01	<2	.265	.013	.20	10.21	<.01	<.01	<.001	<.01	<.01	2.04	.01	.163	26.59	.08	.01	<.01	<.01	.23	3.36	
140709 STANDARD R-2a/CSB	<.001 .054	.009 .588	<.02 1.64	.01 4.35	<2 166	.203 .388	.015 .047	.21 .26	10.97 25.51	<.01 .26	<.01 .09	<.001 .032	<.01 .15	<.01 <.01	1.74 3.84	.01 .09	.227 .071	27.29 2.78	.08 2.78	.02 .54	<.01 .71	<.01 .08	<.01 .08		

GROUP 7TD - 1.00 GM SAMPLE, 4 ACID (HF-HClO4-HNO3-HCL) DIGESTION TO 100 ML, ANALYSIS BY ICP-ES.
 TOTAL S GROUP 2A BY LECO.
 - SAMPLE TYPE: CORE R150 60C Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

Data FA

DATE RECEIVED: JUN 1 2004

DATE REPORT MAILED: Jun 18, 2004





SAMPLE#	Mo %	Cu %	Pb %	Zn %	Ag gm/mt	Ni %	Co %	Mn %	Fe %	As %	Sr %	Cd %	Sb %	Bi %	Ca %	P %	Cr %	Mg %	Al %	Na %	K %	W %	TOT/S %	Sample kg
140710	<.001	.036	<.02	.01	<2	.161	.022	.19	12.34	<.01	<.01	<.001	<.01	<.01	2.90	.01	.350	23.14	.14	<.01	<.01	<.01	1.95	1.78
140711	<.001	.035	<.02	.01	<2	.158	.023	.19	12.67	<.01	<.01	<.001	<.01	<.01	2.57	.01	.357	23.58	.16	.01	.01	<.01	1.93	1.60
140713	<.001	.020	<.02	.01	<2	.230	.017	.18	10.83	<.01	<.01	<.001	<.01	<.01	2.28	.01	.265	25.09	.15	<.01	<.01	<.01	1.03	3.50
140720	<.001	.025	<.02	.01	<2	.322	.013	.18	9.48	<.01	<.01	<.001	<.01	<.01	4.54	<.01	.164	23.44	.21	.03	<.01	<.01	.79	3.03
140721	<.001	.021	<.02	.01	<2	.234	.013	.17	9.48	<.01	<.01	<.001	<.01	<.01	4.10	.01	.200	22.89	.19	.02	<.01	<.01	.94	3.05
140722	<.001	.021	<.02	.01	<2	.221	.014	.17	9.71	<.01	<.01	<.001	<.01	<.01	4.74	<.01	.194	21.70	.23	.03	<.01	<.01	1.06	3.13
140723	<.001	.017	<.02	.01	<2	.212	.014	.17	9.83	<.01	<.01	<.001	<.01	<.01	3.72	.01	.347	22.60	.22	.01	<.01	<.01	.89	2.54
140724	<.001	.014	<.02	.01	<2	.186	.016	.17	9.55	<.01	<.01	<.001	<.01	<.01	3.65	<.01	.322	23.59	.20	.01	.02	<.01	1.12	3.67
140726	<.001	.010	<.02	.01	<2	.206	.015	.17	9.45	<.01	<.01	<.001	<.01	<.01	3.53	.01	.250	23.23	.21	.03	<.01	<.01	.50	3.38
STANDARD R-2a/CSB	.054	.571	1.59	4.32	166	.395	.045	.26	25.16	.26	.10	.033	.15	<.01	3.79	.08	.075	2.62	2.67	.54	.67	.08	5.30	-

Sample type: CORE R150 60C.



ASSAY CERTIFICATE

Canadian Metals Exploration Limited PROJECT TUR-C04-27a File # A402473R Page 1

1060 - 1090 W. Georgia St, Vancouver BC V6E 3V7

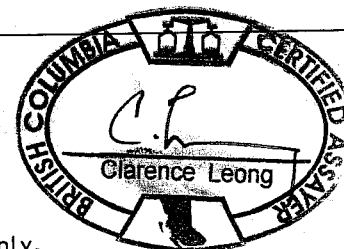


SAMPLE#	Cu* %	Ni* %	Co* %
SI	<.001	<.001	<.001
140652	.003	.145	.006
140653	.002	.189	.007
140654	.013	.138	.006
140655	.037	.168	.009
140656	.009	.202	.008
140657	.003	.157	.006
140658	.003	.132	.006
140663	.002	.113	.004
140664	.001	.099	.004
140669	.005	.101	.005
140670 ROCK	.004	.001	<.001
140672	.017	.124	.009
140673	.018	.136	.009
140674	.017	.142	.011
140676	.059	.231	.010
140677	.016	.166	.008
140678	.026	.233	.012
140679	.031	.130	.012
140680	.020	.192	.007
RE 140680	.019	.183	.007
RRE 140680	.021	.189	.007
140681	.023	.175	.007
140682	.056	.227	.010
140683	.013	.131	.007
140688	.003	.071	.004
140693	.006	.111	.005
140697	.001	.083	.003
140698	.001	.096	.004
140699	.001	.066	.002
140700 PULP	.098	.262	.011
140701	.001	.082	.004
140702	.002	.076	.003
140707	.006	.119	.004
140708	.004	.100	.004
140709	.008	.101	.005
STANDARD R-2a	.547	.322	.039

CU* NI* & CO* - LEACHED WITH H2O2 + NH4 CITRATE.
- SAMPLE TYPE: CORE PULP
Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

Data Wa FA _____

DATE RECEIVED: OCT 23 2004 DATE REPORT MAILED: Nov 9/04





SAMPLE#	Cu* %	Ni* %	Co* %
140710	.034	.138	.015
140711	.033	.133	.015
140713	.019	.139	.009
140720	.024	.205	.006
140721	.020	.164	.007
140722	.020	.168	.008
140723	.016	.153	.007
140724	.014	.115	.008
140726	.010	.120	.007
STANDARD R-2a	.535	.323	.039

Sample type: CORE PULP.

ASSAY CERTIFICATE

Canadian Metals Exploration Limited PROJECT TUR-C04-27b File # A402479 Page 1

1060 - 1090 W. Georgia St, Vancouver BC V6E 3V7 Submitted by: Tony Hitchens

SAMPLE#	Mo %	Cu %	Pb %	Zn %	Ag gm/mt	Ni %	Co %	Mn %	Fe %	As %	Sr %	Cd %	Sb %	Bi %	Ca %	P %	Cr %	Mg %	Al %	Na %	K %	W %	TOT/S %	Sample kg
SI	<.001	<.001	<.02	.01	<2	<.001	<.001	<.01	.08	<.01	.02	<.001	<.01	<.01	8.27	.02	.001	.12	.90	11.29	.22	<.01	<.02	-
140727	<.001	.012	<.02	.02	6	.227	.017	.17	9.78	<.01	<.01	<.001	<.01	<.01	2.53	.01	.295	23.76	.15	.11	.03	<.01	.54	3.64
140728	<.001	.006	<.02	.01	3	.213	.013	.17	9.74	<.01	<.01	<.001	<.01	.01	1.47	.01	.220	23.76	.13	.02	.03	<.01	.33	3.09
140729	<.001	.004	<.02	.01	5	.235	.014	.17	8.02	<.01	<.01	<.001	<.01	<.01	.41	.01	.328	25.98	.12	.02	.04	<.01	.21	3.38
140730 ROCK	<.001	.003	<.02	.01	<2	.003	.002	.11	4.65	<.01	.05	<.001	<.01	<.01	4.65	.06	.003	1.92	8.25	2.65	1.31	<.01	<.02	1.69
140733	.001	.007	<.02	.01	3	.029	.003	.14	5.28	<.01	.07	<.001	<.01	<.01	5.46	.10	.020	4.60	7.42	3.81	1.52	<.01	.21	2.67
140734	<.001	.041	<.02	.01	3	.297	.015	.12	8.24	<.01	<.01	<.001	<.01	<.01	2.74	.01	.261	20.82	.22	.07	.02	<.01	1.16	3.24
140735	<.001	.035	<.02	.01	4	.359	.019	.16	9.11	<.01	<.01	<.001	<.01	.01	.69	.01	.266	25.72	.08	.02	.02	<.01	.61	2.96
140736	<.001	.083	<.02	.01	3	.312	.021	.16	9.61	<.01	<.01	<.001	<.01	.01	1.06	<.01	.400	25.51	.07	.01	<.01	<.01	.99	2.87
140737	<.001	.035	<.02	.01	3	.340	.019	.16	9.68	<.01	<.01	<.001	<.01	.01	1.06	.01	.290	25.17	.06	.01	.02	<.01	.86	3.22
140738	<.001	.017	<.02	.01	3	.334	.020	.16	9.26	<.01	<.01	<.001	<.01	<.01	.98	.01	.265	25.66	.05	.01	<.01	<.01	.78	3.67
140739	<.001	.038	<.02	.01	5	.262	.020	.17	9.82	<.01	<.01	<.001	<.01	.01	2.07	.01	.230	25.14	.15	.02	.04	<.01	.65	2.71
140740	<.001	.020	<.02	.01	2	.219	.017	.18	9.77	<.01	<.01	<.001	<.01	<.01	1.93	.01	.308	25.07	.08	.01	<.01	<.01	.53	1.91
140741	<.001	.022	<.02	.01	<2	.227	.016	.18	9.64	<.01	<.01	<.001	<.01	<.01	1.88	.01	.302	24.63	.07	.01	<.01	<.01	.60	1.74
140742	<.001	.028	<.02	.01	5	.299	.016	.18	9.48	<.01	<.01	<.001	<.01	.01	2.06	.01	.275	25.82	.08	<.01	.01	<.01	.49	3.28
140743	<.001	.015	<.02	.01	<2	.207	.013	.17	8.81	<.01	<.01	<.001	<.01	<.01	3.28	<.01	.242	24.84	.10	.04	<.01	<.01	.26	3.29
140744	<.001	.017	<.02	.01	4	.244	.015	.17	8.77	<.01	<.01	<.001	<.01	<.01	3.37	.01	.210	24.71	.10	.03	.01	<.01	.36	3.72
140745	<.001	.017	<.02	.01	2	.233	.013	.16	8.59	<.01	<.01	<.001	<.01	<.01	3.61	.01	.227	23.96	.11	.03	<.01	<.01	.20	3.11
140746	<.001	.016	<.02	.01	4	.227	.015	.17	9.18	<.01	<.01	<.001	<.01	<.01	1.89	.01	.236	25.55	.09	<.01	<.01	<.01	.23	3.38
RE 140746	<.001	.015	<.02	.01	5	.226	.014	.17	9.15	<.01	<.01	<.001	<.01	<.01	1.91	.02	.233	25.57	.10	.01	.02	<.01	.21	-
RRE 140746	<.001	.015	<.02	.01	<2	.223	.014	.17	9.09	<.01	<.01	<.001	<.01	<.01	1.88	.01	.222	25.23	.08	.01	<.01	<.01	.23	-
140747	<.001	.033	<.02	.01	4	.355	.018	.18	9.91	<.01	<.01	<.001	<.01	<.01	1.31	.01	.273	26.07	.07	<.01	<.01	<.01	.85	3.29
140748	<.001	.048	<.02	.01	3	.364	.022	.16	9.95	<.01	<.01	<.001	<.01	<.01	2.32	.01	.242	24.50	.10	<.01	<.01	<.01	1.18	3.00
140749	<.001	.039	<.02	.01	2	.267	.020	.17	9.79	<.01	<.01	<.001	<.01	<.01	2.37	.01	.302	24.27	.10	.04	<.01	<.01	.84	3.18
140750 PULP	<.001	.099	<.02	<.01	4	.351	.015	.05	9.55	<.01	<.01	<.001	<.01	<.01	3.46	.02	.439	13.66	1.12	.21	.05	<.01	1.12	-
140756	<.001	.030	<.02	.01	3	.308	.016	.17	9.68	<.01	<.01	<.001	<.01	<.01	.60	.01	.218	26.32	.06	.01	<.01	<.01	.38	2.95
140757	<.001	.015	<.02	.01	5	.250	.016	.17	9.25	<.01	<.01	<.001	<.01	<.01	.66	.01	.336	26.63	.06	<.01	<.01	<.01	.15	3.21
140758	<.001	.033	<.02	.01	4	.277	.016	.17	9.21	<.01	<.01	<.001	<.01	<.01	.67	.01	.344	26.48	.06	<.01	<.01	<.01	.32	3.17
140759	<.001	.058	<.02	.01	5	.450	.024	.16	10.76	<.01	<.01	<.001	<.01	<.01	.95	.01	.249	25.31	.06	<.01	<.01	<.01	1.25	2.82
140760	<.001	.004	<.02	.01	3	.004	.001	.10	4.52	<.01	.05	<.001	<.01	<.01	4.59	.06	.004	1.92	8.10	2.59	1.24	<.01	<.02	1.51
140761	<.001	.016	<.02	.01	3	.271	.015	.17	9.29	.01	<.01	<.001	<.01	<.01	.95	.02	.232	25.91	.12	.01	<.01	<.01	.19	3.07
140766	<.001	<.001	<.02	.01	<2	.234	.014	.17	9.07	<.01	<.01	<.001	<.01	<.01	2.47	.01	.411	25.82	.12	.01	<.01	<.01	.05	2.70
140770	<.001	.015	<.02	.01	2	.267	.015	.15	8.80	<.01	<.01	<.001	<.01	.01	1.21	.01	.247	27.62	.08	<.01	<.01	<.01	.11	1.54
140771	<.001	.023	<.02	.01	5	.260	.014	.15	8.81	.01	<.01	<.001	<.01	<.01	1.26	.01	.243	27.63	.09	<.01	<.01	<.01	.14	1.65
140773	<.001	.019	<.02	.01	4	.263	.016	.16	8.53	<.01	<.01	<.001	<.01	<.01	1.42	.01	.237	26.66	.08	<.01	<.01	<.01	.30	3.03
140774	<.001	.048	<.02	.01	4	.206	.022	.16	10.29	<.01	<.01	<.001	<.01	<.01	.99	.01	.261	26.02	.08	<.01	<.01	<.01	.88	2.90
STANDARD R-2a/CSB	.054	.580	1.60	4.33	168	.384	.047	.25	25.40	.24	.11	.031	.15	<.01	3.82	.10	.077	2.83	2.60	.52	.70	.08	5.24	-

GROUP 7TD - 1.00 GM SAMPLE, 4 ACID (HF-HClO4-HNO3-HCL) DIGESTION TO 100 ML, ANALYSIS BY ICP-ES.

TOTAL S GROUP 2A BY LECO.

- SAMPLE TYPE: CORE R150 60C Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

Data FA

DATE RECEIVED: JUN 1 2004 DATE REPORT MAILED: June 17/04





SAMPLE#	Mo %	Cu %	Pb %	Zn %	Ag gm/mt	Ni %	Co %	Mn %	Fe %	As %	Sr %	Cd %	Sb %	Bi %	Ca %	P %	Cr %	Mg %	Al %	Na %	K %	W %	TOT/S %	Sample kg
140776	<.001	.060	<.02	.01	<2	.243	.024	.17	10.81	<.01	<.01	<.001	<.01	<.01	2.34	.01	.242	24.55	.06	.05	<.01	<.01	1.35	3.34
140777	<.001	.045	<.02	.01	3	.311	.023	.17	10.49	<.01	<.01	<.001	<.01	<.01	1.17	.02	.389	25.76	.05	.05	<.01	<.01	1.11	3.16
140778	.001	.026	<.02	.01	2	.241	.017	.17	9.57	<.01	<.01	<.001	<.01	<.01	1.20	<.01	.421	26.30	.10	.04	<.01	<.01	.28	2.73
140779	<.001	.021	<.02	.01	<2	.226	.018	.17	9.52	<.01	<.01	<.001	<.01	<.01	.64	.01	.253	26.55	.06	.04	<.01	<.01	.25	3.07
140784	.001	.021	<.02	.01	4	.212	.018	.17	9.64	<.01	<.01	<.001	<.01	<.01	.93	.01	.304	26.52	.05	.02	<.01	<.01	.26	3.16
140785	<.001	.034	<.02	.01	<2	.239	.019	.18	10.12	<.01	<.01	<.001	<.01	<.01	.91	.01	.288	26.95	.06	.03	<.01	<.01	.38	3.36
140787	<.001	.061	<.02	.01	6	.299	.020	.18	9.93	<.01	<.01	<.001	<.01	<.01	.66	.02	.351	27.18	.04	.03	.02	<.01	.49	3.12
140788	<.001	.030	<.02	<.01	3	.244	.017	.18	9.62	<.01	<.01	<.001	<.01	<.01	1.59	.01	.318	26.71	.06	.04	<.01	<.01	.25	2.81
140793	<.001	.018	<.02	.01	<2	.208	.016	.17	8.99	<.01	<.01	<.001	<.01	<.01	2.38	.01	.221	25.96	.08	.02	<.01	<.01	.11	3.20
STANDARD R-2a/CSB	.052	.571	1.61	4.36	167	.378	.046	.25	25.38	.23	.09	.031	.14	<.01	3.73	.09	.070	2.58	2.71	.55	.63	.08	5.30	-

Sample type: CORE R150 60C.

ASSAY CERTIFICATE

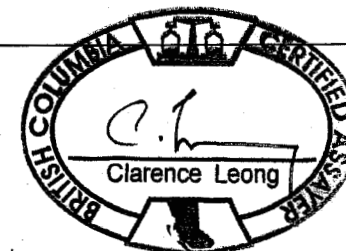
Canadian Metals Exploration Limited PROJECT TUR-C04-27b File # A402479R Page 1
1060 - 1090 W. Georgia St., Vancouver BC V6E 3V7



SAMPLE#	Cu* %	Ni* %	Co* %
SI	<.001	<.001	<.001
140727	.014	.130	.007
140728	.007	.118	.006
140729	.006	.084	.004
140730 ROCK	.004	.001	<.001
140733	.009	.020	.001
140734	.035	.229	.010
140735	.033	.226	.009
140736	.079	.208	.010
140737	.034	.243	.010
140738	.016	.222	.010
140739	.033	.177	.010
140740	.021	.102	.006
140741	.023	.107	.006
140742	.028	.131	.005
140743	.014	.060	.003
140744	.017	.098	.004
140745	.018	.069	.003
140746	.016	.067	.003
RE 140746	.016	.065	.003
RRE 140746	.016	.067	.003
140747	.032	.172	.007
140748	.045	.190	.009
140749	.039	.141	.007
140750 PULP	.094	.268	.011
140756	.029	.089	.004
140757	.015	.059	.003
140758	.032	.077	.003
140759 N.S.	-	-	-
140760	.004	.001	<.001
140761	.015	.100	.004
140766	.002	.054	.003
140770	.015	.082	.004
140771	.021	.085	.004
140773	.017	.080	.003
140774	.045	.055	.005
STANDARD R-2a	.539	.322	.040

CU* NI* & CO* - LEACHED WITH H2O2 + NH4 CITRATE.
- SAMPLE TYPE: CORE PULP
Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

Data We FA _____ DATE RECEIVED: OCT 23 2004 DATE REPORT MAILED: Nov 9/04...





SAMPLE#	Cu* %	Ni* %	Co* %
140776	.055	.059	.004
140777	.041	.085	.005
140778	.023	.090	.005
140779	.019	.057	.003
140784	.020	.043	.003
140785	.031	.062	.003
140787	.055	.085	.004
140788	.024	.055	.003
140793	.016	.044	.003
STANDARD R-2a	.533	.319	.040

Sample type: CORE PULP.

ASSAY CERTIFICATE



Canadian Metals Exploration Limited PROJECT TUR-C04-27b File # A402479R2

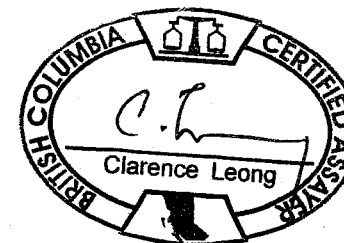
1060 - 1090 W. Georgia St, Vancouver BC V6E 3V7 Submitted by: Tony Hitchins

SAMPLE#	Cu* %	Ni* %	Co* %
SI	<.001	.001	<.001
140759	.046	.138	.006
.Standard #1	.057	.181	.007
STANDARD R-2a	.515	.311	.040

CU* NI* & CO* - LEACHED WITH H2O2 + NH4 CITRATE.
- SAMPLE TYPE: CORE REJ.

Data FA

DATE RECEIVED: DEC 9 2004 DATE REPORT MAILED: *Jan 4/05*



ASSAY CERTIFICATE

Canadian Metals Exploration Limited PROJECT TUR-C04-28a File # A402480 Page 1

1060 - 1090 W. Georgia St, Vancouver BC V6E 3V7 Submitted by: Tony Hitchins



SAMPLE#	Mo %	Cu %	Pb %	Zn %	Ag gm/mt	Ni %	Co %	Mn %	Fe %	As %	Sr %	Cd %	Sb %	Bi %	Ca %	P %	Cr %	Mg %	Al %	Na %	K %	W %	TOT/S %	Sample kg	
SI	<.001	.001	<.02	.01	<2	.002	<.001	<.01	.10	<.01	.02	<.001	<.01	<.01	8.74	.01	.001	.13	.94	11.79	.19	<.01	.07	-	
140797	<.001	.044	<.02	.01	2	.082	.016	.16	10.67	<.01	<.01	<.001	<.01	<.01	7.12	.01	.299	18.96	.27	.09	<.01	<.01	1.74	2.48	
140798	<.001	.031	<.02	.02	<2	.072	.014	.19	10.66	<.01	<.01	<.001	<.01	.01	7.31	.01	.456	19.07	.29	.07	<.01	<.01	1.32	3.01	
140799	<.001	.015	<.02	.01	<2	.084	.012	.20	10.21	<.01	<.01	<.001	<.01	<.01	5.97	<.01	.256	21.22	.21	.03	<.01	<.01	.76	3.55	
140800 PULP	<.001	.103	<.02	.01	10	.363	.017	.05	10.22	<.01	<.01	<.001	<.01	<.01	3.66	.01	.491	14.78	1.70	.22	.01	<.01	1.17	-	
140801	<.001	.021	<.02	.01	<2	.077	.011	.16	9.12	<.01	<.01	<.001	<.01	<.01	5.98	.01	.249	20.77	.24	<.01	<.01	<.01	.60	3.36	
140802	<.001	.031	<.02	.01	<2	.094	.015	.11	9.74	<.01	<.01	<.001	<.01	<.01	8.86	.01	.220	17.15	.35	.04	<.01	<.01	1.21	3.21	
140803	<.001	.043	<.02	.01	<2	.153	.016	.14	10.09	<.01	<.01	<.001	<.01	<.01	2.11	.01	.248	23.58	.15	.03	<.01	<.01	1.17	2.49	
140804	<.001	.043	<.02	.01	3	.184	.016	.17	10.09	.01	<.01	<.001	<.01	<.01	2.24	.01	.217	24.87	.16	<.01	<.01	<.01	.82	2.90	
140805	<.001	.039	<.02	.01	<2	.207	.020	.18	10.78	<.01	<.01	<.001	<.01	<.01	2.66	.01	.309	24.19	.18	<.01	<.01	<.01	1.00	3.26	
140806	<.001	.050	<.02	.01	<2	.137	.014	.17	9.58	<.01	<.01	<.001	<.01	.01	1.05	.01	.271	26.10	.14	<.01	.01	<.01	.62	2.88	
140807	<.001	.037	<.02	.01	<2	.164	.016	.09	8.04	<.01	<.01	<.001	<.01	<.01	1.30	.01	.345	24.96	.21	.01	<.01	<.01	.48	2.65	
140808	<.001	.027	<.02	.01	<2	.197	.022	.11	10.85	<.01	<.01	<.001	<.01	<.01	.56	.01	.384	24.12	.15	<.01	<.01	<.01	.41	2.06	
140809	<.001	.011	<.02	.01	3	.131	.016	.17	9.40	<.01	<.01	<.001	<.01	<.01	1.04	.01	.247	26.44	.12	<.01	<.01	<.01	.29	2.24	
140810 ROCK	<.001	.004	<.02	.01	<2	.003	.002	.11	4.70	<.01	.05	<.001	<.01	<.01	4.93	.06	.004	2.10	9.39	2.80	1.39	<.01	<.01	<.02	1.55
140811	<.001	.027	<.02	.01	<2	.126	.014	.14	10.08	<.01	<.01	<.001	<.01	.01	.93	.02	.282	25.53	.18	.01	.01	<.01	.33	2.18	
140812	<.001	.056	<.02	.01	<2	.143	.014	.19	9.13	<.01	<.01	<.001	<.01	<.01	1.19	.01	.444	26.59	.14	<.01	<.01	<.01	.32	2.85	
140813	<.001	.042	<.02	.01	<2	.189	.017	.16	9.73	<.01	<.01	<.001	<.01	.01	.61	.01	.350	26.08	.17	.01	<.01	<.01	.54	2.64	
140814	<.001	.030	<.02	.01	<2	.129	.013	.16	9.08	<.01	<.01	<.001	<.01	<.01	2.39	.01	.306	24.62	.33	<.01	.03	<.01	.42	2.66	
RE 140814	<.001	.030	<.02	.01	<2	.129	.013	.16	9.03	<.01	<.01	<.001	<.01	<.01	2.38	.01	.329	24.52	.35	.02	<.01	<.01	.42	-	
RRE 140814	<.001	.030	<.02	.01	<2	.130	.013	.16	9.03	<.01	<.01	<.001	<.01	<.01	2.37	<.01	.310	24.34	.33	<.01	.05	<.01	.44	-	
140815	<.001	.021	<.02	.01	<2	.136	.014	.10	9.48	<.01	<.01	<.001	<.01	<.01	1.95	.01	.312	22.84	.42	<.01	<.01	<.01	.49	3.26	
140816	<.001	.025	<.02	.01	<2	.150	.014	.14	8.90	<.01	<.01	<.001	<.01	<.01	.54	.01	.231	25.92	.24	<.01	.03	<.01	.41	2.56	
140817	<.001	.339	<.02	.01	<2	.225	.014	.14	8.80	<.01	<.01	<.001	<.01	<.01	.40	.01	1.060	26.12	.38	<.01	<.01	<.01	.88	1.75	
140818	<.001	.229	<.02	.01	<2	.555	.037	.18	12.18	<.01	<.01	<.001	<.01	<.01	.50	.02	.393	25.55	.18	.02	<.01	<.01	2.75	2.21	
140819	<.001	.278	<.02	.01	4	.825	.058	.19	15.57	<.01	<.01	<.001	<.01	.01	.42	.01	.256	24.80	.10	<.01	.03	<.01	5.04	2.52	
140820	<.001	.157	<.02	.01	<2	.481	.031	.18	11.45	.01	<.01	<.001	<.01	<.01	1.44	.01	.232	25.27	.14	<.01	<.01	<.01	2.09	1.79	
140821	<.001	.050	<.02	.01	2	.366	.022	.14	10.81	.01	<.01	<.001	<.01	<.01	.08	.01	.168	26.72	.11	<.01	.03	<.01	1.30	1.47	
140822	<.001	.101	<.02	.01	<2	.426	.026	.18	12.38	<.01	<.01	<.001	<.01	<.01	1.05	.02	.243	24.81	.13	<.01	<.01	<.01	2.18	1.36	
140823	<.001	.169	<.02	.01	3	.272	.021	.19	10.43	<.01	<.01	<.001	<.01	<.01	.31	.01	.325	28.09	.14	.02	.01	<.01	.90	1.62	
140824	<.001	.067	<.02	.01	3	.208	.020	.20	10.37	<.01	<.01	<.001	<.01	<.01	.63	.01	.267	27.75	.15	<.01	.05	<.01	.73	1.31	
140825 PULP	<.001	.103	<.02	<.01	<2	.378	.018	.05	10.19	<.01	<.01	<.001	<.01	<.01	3.68	.02	.554	14.87	1.68	.24	.05	<.01	1.17	-	
140826	<.001	.068	<.02	.01	<2	.213	.020	.21	10.49	<.01	<.01	<.001	<.01	<.01	.66	.01	.267	28.28	.17	.01	.04	<.01	.73	1.84	
140827	<.001	.147	<.02	.01	<2	.402	.031	.18	11.73	<.01	<.01	<.001	<.01	<.01	.62	.01	.243	26.21	.18	<.01	.04	<.01	2.16	1.90	
140828	<.001	.080	<.02	.01	<2	.385	.025	.20	11.18	<.01	<.01	<.001	<.01	<.01	1.02	.01	.193	27.62	.15	.01	.03	<.01	1.62	2.02	
140829	<.001	.094	<.02	.01	<2	.336	.021	.19	10.32	<.01	<.01	<.001	<.01	<.01	.85	.01	.160	27.42	.16	.03	.02	<.01	1.88	1.69	
STANDARD R-2a/CSB	.054	.581	1.62	4.26	167	.391	.048	.26	25.44	.26	.11	.031	.15	<.01	3.84	.10	.076	2.81	2.75	.56	.68	<.01	1.88	1.69	

GROUP 7TD - 1.00 GM SAMPLE, 4 ACID (HF-HClO4-HNO3-HCL) DIGESTION TO 100 ML, ANALYSIS BY ICP-ES.

TOTAL S GROUP 2A BY LECO.

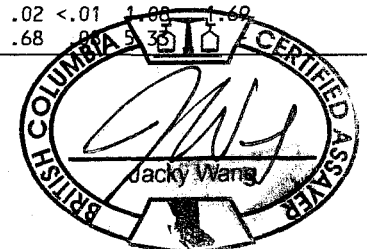
- SAMPLE TYPE: CORE R150 60C

Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

Data h FA

DATE RECEIVED: JUN 1 2004

DATE REPORT MAILED: Jun. 18/2004





SAMPLE#	Mo %	Cu %	Pb %	Zn %	Ag gm/mt	Ni %	Co %	Mn %	Fe %	As %	Sr %	Cd %	Sb %	Bi %	Ca %	P %	Cr %	Mg %	Al %	Na %	K %	W %	TOT/S %	Sample kg
140830	<.001	.136	<.02	.01	2	.312	.019	.24	10.59	<.01	<.01	<.001	<.01	<.01	.95	.01	.235	26.48	.25	.02	.10	<.01	.82	.96
140831	<.001	.118	<.02	.01	<2	.295	.018	.24	10.14	<.01	<.01	<.001	<.01	<.01	.87	.01	.212	26.53	.19	.03	.09	<.01	.82	.89
140832	<.001	.061	<.02	.01	3	.305	.017	.14	9.63	<.01	<.01	<.001	<.01	.01	.68	.01	.165	25.52	.19	.05	.03	<.01	.88	1.58
140833	<.001	.078	<.02	.01	3	.437	.023	.18	10.28	<.01	<.01	<.001	<.01	<.01	.80	.01	.141	25.14	.18	.01	.06	<.01	1.40	1.65
140834	<.001	.095	<.02	.01	2	.473	.024	.18	10.54	<.01	<.01	<.001	<.01	<.01	.74	.01	.184	25.33	.21	<.01	.07	<.01	1.57	1.19
140835	<.001	.153	<.02	.01	<2	.547	.028	.18	11.18	<.01	<.01	<.001	<.01	<.01	.79	.01	.195	25.90	.15	.02	.03	<.01	1.91	1.06
140836	<.001	.279	<.02	.01	2	.570	.038	.18	13.09	<.01	<.01	<.001	<.01	<.01	.28	.01	.344	26.14	.18	.01	.09	<.01	3.00	1.80
140837	<.001	.439	<.02	.01	4	.969	.059	.17	16.78	<.01	<.01	.001	<.01	<.01	.50	.01	.305	23.47	.17	<.01	.04	<.01	5.40	1.36
140838	<.001	.190	.08	.01	3	.486	.023	.17	9.77	<.01	<.01	.001	<.01	<.01	1.21	.01	.266	24.51	.27	<.01	.09	<.01	1.49	1.20
140839	<.001	.114	<.02	.01	4	.355	.018	.15	9.36	<.01	<.01	<.001	<.01	<.01	.89	<.01	.290	23.79	.28	<.01	.09	<.01	.77	1.60
140840 ROCK	<.001	.005	<.02	.01	<2	.002	.002	.11	5.12	<.01	.05	<.001	<.01	<.01	5.07	.06	.003	2.06	9.62	2.72	1.33	<.01	.02	1.59
140841	<.001	.113	<.02	.01	3	.372	.018	.17	9.52	<.01	<.01	<.001	<.01	<.01	.84	<.01	.245	25.08	.26	.03	.28	<.01	.87	3.04
140842	<.001	.201	<.02	.01	3	.523	.021	.18	9.97	<.01	<.01	<.001	<.01	<.01	.99	.01	.281	25.43	.21	.05	.11	<.01	1.33	3.27
140843	<.001	.149	<.02	.01	3	.343	.017	.18	9.22	<.01	<.01	<.001	<.01	<.01	1.01	.01	.372	25.37	.26	.01	.09	<.01	.62	2.91
140844	<.001	.079	<.02	.01	4	.460	.025	.19	9.94	<.01	<.01	<.001	<.01	<.01	1.17	.01	.180	25.53	.22	.02	.10	<.01	1.15	3.23
140845	<.001	.052	<.02	.01	<2	.207	.016	.20	9.30	<.01	<.01	<.001	<.01	<.01	.68	.01	.227	26.57	.19	.02	.11	<.01	.28	3.06
140846	<.001	.032	<.02	.01	3	.183	.016	.20	9.27	<.01	<.01	<.001	<.01	<.01	1.11	.01	.241	26.68	.23	.02	.13	<.01	.18	2.80
RE 140846	<.001	.031	<.02	.01	<2	.179	.016	.19	8.97	<.01	<.01	<.001	<.01	<.01	1.06	.01	.226	25.63	.21	<.01	<.01	<.01	.19	-
RRE 140846	<.001	.032	<.02	.01	<2	.177	.016	.19	9.17	<.01	<.01	<.001	<.01	<.01	1.11	.01	.230	25.76	.23	<.01	.10	<.01	.19	-
140847	<.001	.042	<.02	.01	3	.219	.017	.19	9.19	<.01	<.01	<.001	<.01	<.01	2.39	.01	.235	24.96	.18	.03	.08	<.01	.41	2.99
140848	<.001	.069	<.02	.01	<2	.313	.017	.17	9.19	<.01	<.01	<.001	<.01	<.01	2.34	.01	.243	24.07	.18	.02	.02	<.01	.79	2.94
140849	<.001	.183	<.02	<.01	2	.517	.052	.17	15.23	<.01	<.01	<.001	<.01	<.01	1.72	<.01	.159	22.71	.17	.02	.20	<.01	4.55	3.06
140850 PULP	<.001	.100	<.02	<.01	<2	.369	.017	.05	9.87	<.01	<.01	<.001	<.01	<.01	3.65	<.01	.492	14.53	1.62	.25	.04	<.01	1.16	-
140851	<.001	.133	<.02	<.01	<2	.232	.028	.14	12.94	<.01	<.01	<.001	<.01	<.01	3.16	.01	.187	20.87	.23	.03	.01	<.01	3.99	2.10
140852	.014	.238	<.02	<.01	4	.821	.077	.11	38.41	<.01	<.01	<.001	<.01	<.01	5.18	.01	.099	7.07	.32	.07	.06	<.01	14.68	3.18
140853	.008	.381	<.02	.01	<2	.488	.043	.14	19.74	<.01	<.01	<.001	<.01	<.01	3.54	.01	.204	14.85	.54	.01	.03	<.01	9.08	1.58
140854	<.001	.087	<.02	<.01	<2	.111	.015	.16	9.51	<.01	<.01	<.001	<.01	.01	9.16	.01	.237	15.27	.50	.10	.02	<.01	2.38	2.96
140855	.003	.073	<.02	.01	<2	.178	.017	.17	12.52	<.01	.01	<.001	<.01	<.01	7.93	<.01	.211	13.39	.56	.22	.30	<.01	3.98	2.90
140856	.001	.060	<.02	.01	2	.246	.017	.14	8.85	<.01	<.01	<.001	<.01	<.01	4.20	.01	.190	20.99	.50	.03	.11	<.01	2.34	3.00
140857	<.001	.083	<.02	.01	<2	.414	.029	.14	11.05	<.01	<.01	<.001	<.01	<.01	1.22	.01	.320	23.27	.49	.01	<.01	<.01	2.51	2.79
140858	<.001	.049	<.02	<.01	<2	.360	.017	.15	8.55	<.01	<.01	<.001	<.01	<.01	1.43	.01	.186	24.97	.29	.02	.05	<.01	.89	2.68
140859	<.001	.015	<.02	.01	2	.268	.014	.16	8.82	<.01	<.01	<.001	<.01	<.01	.47	.01	.238	26.40	.16	.01	<.01	<.01	.35	2.67
140860	<.001	.007	<.02	.01	3	.259	.013	.13	7.44	<.01	.01	<.001	<.01	<.01	2.00	.03	.248	23.79	.98	.04	.19	<.01	.28	1.55
140861	<.001	.006	<.02	.01	<2	.229	.012	.14	7.31	<.01	.01	<.001	<.01	<.01	2.34	.02	.276	23.07	1.04	.02	.17	<.01	.23	1.56
140862	<.001	.007	<.02	.01	3	.300	.014	.15	7.19	<.01	<.01	<.001	<.01	<.01	.53	.01	.344	26.64	.29	.02	.13	<.01	.24	2.84
STANDARD R-2a/CSB	.054	.579	1.62	4.29	166	.401	.047	.26	26.08	.23	.10	.031	.14	<.01	3.92	.09	.070	2.89	2.69	.58	.70	.08	5.38	-

Sample type: CORE R150 60C. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.



SAMPLE#	Mo %	Cu %	Pb %	Zn %	Ag gm/mt	Ni %	Co %	Mn %	Fe %	As %	Sr %	Cd %	Sb %	Bi %	Ca %	P %	Cr %	Mg %	Al %	Na %	K %	W %	TOT/S %	Sample kg
140863	<.001	.025	<.02	.01	<2	.452	.015	.15	8.10	<.01	<.01	<.001	<.01	<.01	.73	<.01	.529	25.06	.26	<.01	.09	<.01	.50	2.61
140864	<.001	.066	<.02	.01	<2	.587	.019	.15	8.57	<.01	<.01	<.001	<.01	<.01	.92	.01	.249	25.39	.21	<.01	.10	<.01	1.01	3.02
140865	<.001	.062	<.02	.01	<2	.417	.019	.16	9.94	<.01	<.01	<.001	<.01	<.01	.61	<.01	.085	24.53	.23	.01	.09	<.01	1.69	3.01
140866	.002	.097	<.02	.01	<2	.265	.026	.11	12.94	<.01	<.01	<.001	<.01	<.01	4.05	.01	.185	18.11	.41	<.01	.01	<.01	4.08	2.85
140867	<.001	.043	<.02	.01	<2	.148	.017	.14	10.29	<.01	<.01	<.001	<.01	<.01	3.66	.01	.232	19.50	.34	.01	.07	<.01	2.02	2.98
140868	<.001	.078	<.02	.01	<2	.465	.032	.10	11.85	<.01	<.01	<.001	<.01	<.01	2.58	<.01	.253	20.16	.38	.01	.05	<.01	3.23	2.76
140869	<.001	.021	<.02	.01	<2	.228	.013	.13	8.22	<.01	<.01	<.001	<.01	<.01	3.63	<.01	.191	20.21	.25	<.01	.02	<.01	.85	2.93
STANDARD R-2a/CSB	.055	.573	1.61	4.36	170	.405	.047	.26	25.52	.27	.09	.033	.15	<.01	3.89	.09	.061	2.81	2.77	.52	.69	.08	5.39	-

Sample type: CORE R150 60C.



ASSAY CERTIFICATE

Canadian Metals Exploration Limited PROJECT TUR-C04-28a File # A402480R Page 1
1060 - 1090 W. Georgia St, Vancouver BC V6E 3V7

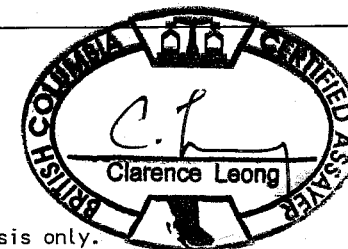


SAMPLE#	Cu* %	Ni* %	Co* %
SI	.001<	.001<	.001
140797	.039	.064	.012
140798	.031	.062	.010
140799	.016	.061	.007
140800 PULP	.097	.254	.011
140801	.020	.060	.006
140802	.028	.075	.012
140803	.039	.143	.013
140804	.039	.154	.012
140805	.036	.188	.015
140806	.044	.113	.009
140807	.030	.144	.012
140808	.023	.172	.017
140809	.011	.091	.009
140810 ROCK	.004	.001<	.001
140811	.025	.102	.010
140812	.050	.110	.008
140813	.038	.159	.012
140814	.025	.099	.008
RE 140814	.026	.111	.009
RRE 140814	.025	.108	.009
140815	.018	.122	.011
140816	.022	.115	.008
140817	.327	.181	.009
140818 N.S.	-	-	-
140819 N.S.	-	-	-
140820 N.S.	-	-	-
140821	.045	.264	.014
140822	.091	.323	.018
140823	.152	.181	.010
140824	.060	.143	.010
140825 PULP	.092	.252	.011
140826	.021	.116	.009
140827	.132	.300	.019
140828	.070	.263	.014
140829	.083	.228	.011
STANDARD R-2a	.521	.308	.040

Cu* NI* & CO* - LEACHED WITH H2O2 + NH4 CITRATE.
- SAMPLE TYPE: CORE PULP
Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

Data Wc FA _____

DATE RECEIVED: OCT 23 2004 DATE REPORT MAILED: Nov 17/04





SAMPLE#	Cu* %	Ni* %	Co* %
140830	.131	.231	.011
140831	.112	.208	.010
140832	.061	.232	.011
140833	-	-	-
140834	-	-	-
140835	-	-	-
140836	-	-	-
140837	-	-	-
140838	-	-	-
140839	.105	.280	.013
140840 ROCK	.007	.003	.000
140841	.104	.269	.011
140842	-	-	-
140843	.132	.222	.008
140844	-	-	-
140845	.045	.114	.007
140846	.030	.100	.007
RE 140846	.026	.097	.007
RRE 140846	.028	.100	.007
140847	.038	.132	.008
140848	.063	.221	.010
140849	-	-	-
140850 PULP	.091	.252	.011
140851	.122	.200	.021
140852	-	-	-
140853	-	-	-
140854	.083	.098	.011
140855	.070	.158	.014
140856	.054	.207	.012
140857	.073	.331	.020
140858	.043	.276	.011
140859	.015	.186	.009
140860	.008	.187	.008
140861	.008	.165	.007
140862	.008	.187	.007
STANDARD R-2a	.529	.315	.040

Sample type: CORE PULP. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.



SAMPLE#	Cu* %	Ni* %	Co* %
140863 N.S.	-	-	-
140864 N.S.	-	-	-
140865	.036	.339	.015
140866	.078	.238	.023
140867	.037	.129	.014
140868 N.S.	-	-	-
140869	.019	.200	.011
STANDARD R-2a	.512	.314	.040

Sample type: CORE PULP.

ASSAY CERTIFICATE



Canadian Metals Exploration Limited PROJECT TUR-C04-28a File # A402480R2

1060 - 1090 W. Georgia St, Vancouver BC V6E 3V7 Submitted by: Tony Hitchins

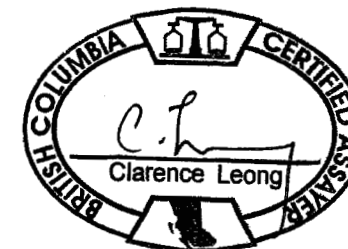


SAMPLE#	Cu* %	Ni* %	Co* %
SI	<.001	<.001	<.001
140818	.231	.501	.031
140819	.271	.762	.053
140820	.142	.380	.022
140833	.075	.359	.017
140834	.096	.391	.018
140835	.146	.448	.020
140836	.267	.467	.028
140837	.447	.785	.047
140838	.184	.421	.018
140842	.192	.412	.015
140844	.076	.366	.017
140849	.187	.436	.043
RE 140849	.187	.436	.043
140852	.244	.797	.080
140853	.463	.514	.047
140863	.022	.344	.011
140864	.060	.438	.013
140868	.067	.417	.030
STANDARD R-2a	.545	.321	.040

CU* NI* & CO* - LEACHED WITH H2O2 + NH4 CITRATE.
- SAMPLE TYPE: CORE REJ.
Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

Data ___ FA ___

DATE RECEIVED: DEC 9 2004 DATE REPORT MAILED: Jan 14/05





ASSAY CERTIFICATE



Canadian Metals Exploration Limited PROJECT TUR-C04-28b File # A402612R2

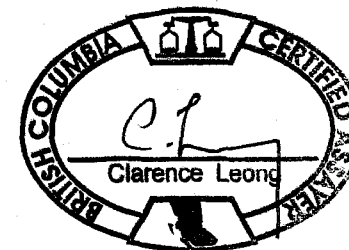
1060 - 1090 W. Georgia St, Vancouver BC V6E 3V7 Submitted by: Tony Hitchens

SAMPLE#	Cu* %	Ni* %	Co* %
SI	<.001	.001	<.001
140882	.176	.469	.037
140883	.379	1.338	.121
140884	.298	1.094	.103
140885	.228	.853	.077
140886	.235	.972	.092
140887	.502	.618	.054
140889	.287	1.693	.114
140891	.113	.447	.029
140919	.068	.428	.017
140922	.086	.506	.012
RE 140922	.086	.506	.012
STANDARD R-2a	.545	.321	.040

CU* NI* & CO* - LEACHED WITH H2O2 + NH4 CITRATE.
- SAMPLE TYPE: CORE REJ.
Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

Data ___ FA ___

DATE RECEIVED: DEC 9 2004 DATE REPORT MAILED: Jan 14/05





ASSAY CERTIFICATE



Canadian Metals Exploration Limited PROJECT TUR-C04-28b File # A402612 Page 1

1060 - 1090 W. Georgia St, Vancouver BC V6E 3V7 Submitted by: Tony Hitchens

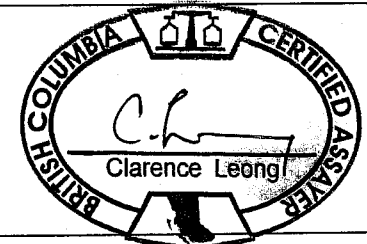
SAMPLE#	Mo %	Cu %	Pb %	Zn %	Ag gm/mt	Ni %	Co %	Mn %	Fe %	As %	Sr %	Cd %	Sb %	Bi %	Ca %	P %	Cr %	Mg %	Al %	Na %	K %	W %	TOT/S %	Sample kg
SI	<.001	.001	<.02	<.01	<2	<.001	<.001	<.01	.13	<.01	.02	<.001	<.01	<.01	8.77	.01	<.001	.13	.86	10.62	.27	<.01	.07	-
140870 ROCK	<.001	.006	<.02	.01	<2	.002	.001	.11	4.72	<.01	.05	<.001	<.01	<.01	4.83	.05	.004	1.86	8.62	2.66	1.33	<.01	<.02	1.95
140871	<.001	.108	<.02	.01	<2	.421	.031	.14	12.67	<.01	<.01	<.001	<.01	<.01	2.45	<.01	.215	23.52	.34	.07	.10	<.01	3.22	3.33
140872	<.001	.061	<.02	.01	<2	.289	.022	.13	10.63	<.01	<.01	<.001	<.01	<.01	2.18	.01	.225	24.33	.30	.02	.07	<.01	1.75	2.83
140873	<.001	.014	<.02	.01	<2	.123	.013	.13	8.51	<.01	<.01	<.001	<.01	<.01	1.23	.01	.270	26.50	.33	.02	.11	<.01	.71	2.82
140874	.001	.136	<.02	.02	2	.316	.026	.10	9.97	<.01	.01	<.001	<.01	<.01	5.33	.01	.161	18.72	.41	.05	.20	<.01	4.07	2.54
140875 PULP	<.001	.108	<.02	<.01	<2	.364	.017	.06	10.28	<.01	<.01	<.001	<.01	<.01	3.56	.01	.435	16.51	2.65	.23	.10	<.01	1.02	-
140876	.003	.105	<.02	.01	<2	.355	.027	.09	15.69	<.01	.03	<.001	<.01	<.01	3.00	.03	.018	1.59	3.63	2.45	1.08	<.01	4.04	3.47
140877	<.001	.099	<.02	.01	<2	.229	.021	.12	12.25	<.01	.01	<.001	<.01	<.01	3.34	.01	.177	21.02	.27	.02	.06	<.01	5.09	2.76
140878	<.001	.057	<.02	.01	<2	.185	.025	.14	12.90	<.01	<.01	<.001	<.01	<.01	.79	.01	.240	26.40	.22	.01	.05	<.01	2.85	2.67
140879	<.001	.079	<.02	.01	<2	.318	.037	.14	13.47	<.01	<.01	<.001	<.01	<.01	.41	.01	.249	26.57	.22	<.01	.06	<.01	2.93	2.65
140880	<.001	.059	<.02	.01	<2	.256	.029	.15	11.80	<.01	<.01	<.001	<.01	<.01	.36	.01	.119	27.39	.23	<.01	.09	<.01	2.08	2.85
140881	<.001	.067	<.02	.01	<2	.325	.032	.15	12.46	<.01	<.01	<.001	<.01	<.01	.52	.01	.200	26.12	.28	<.01	.04	<.01	2.93	1.98
140882	<.001	.192	<.02	.01	<2	.598	.045	.10	13.46	<.01	<.01	<.001	<.01	<.01	2.34	<.01	.229	21.23	.29	<.01	.04	<.01	4.63	2.57
140883	<.001	.411	<.02	.01	3	1.375	.109	.11	30.50	<.01	<.01	<.001	<.01	<.01	.04	.01	.190	16.02	.10	<.01	<.01	<.01	14.80	1.91
140884	<.001	.322	<.02	.01	<2	1.251	.104	.12	30.88	<.01	<.01	<.001	<.01	<.01	.02	.01	.205	16.84	.08	<.01	.01	<.01	13.23	1.86
140885	<.001	.241	<.02	.01	<2	.883	.074	.16	26.19	<.01	<.01	<.001	<.01	<.01	.02	.01	.238	19.62	.09	<.01	<.01	<.01	9.76	1.50
140886	<.001	.245	<.02	<.01	2	1.002	.084	.15	30.06	<.01	<.01	<.001	<.01	<.01	.04	.01	.151	16.81	.08	.01	.01	<.01	13.72	1.79
140887	<.001	.645	<.02	.01	<2	.663	.054	.14	19.56	<.01	<.01	<.001	<.01	<.01	.09	.01	.228	21.03	.21	.01	.03	<.01	7.18	1.20
140888	<.001	.046	<.02	.01	<2	.260	.015	.14	9.77	<.01	<.01	<.001	<.01	<.01	3.31	<.01	.167	23.36	.25	<.01	.07	<.01	1.26	3.76
140889	<.001	.313	<.02	.01	4	1.646	.097	.16	29.34	<.01	<.01	<.001	<.01	<.01	.06	.01	.176	16.82	.13	<.01	.05	<.01	12.74	3.40
140890	<.001	.105	<.02	.01	<2	.484	.031	.13	13.12	<.01	<.01	<.001	<.01	<.01	1.42	<.01	.204	23.44	.19	<.01	.01	<.01	3.36	.73
RE 140890	<.001	.105	<.02	.01	<2	.481	.031	.13	13.26	<.01	<.01	<.001	<.01	<.01	1.46	.01	.212	23.85	.19	<.01	.03	<.01	3.45	-
RRE 140890	<.001	.103	<.02	.01	<2	.508	.032	.13	13.46	<.01	<.01	<.001	<.01	<.01	1.39	<.01	.185	24.07	.20	<.01	<.01	<.01	3.76	-
140891	<.001	.124	<.02	.01	<2	.509	.032	.14	14.66	<.01	<.01	<.001	<.01	<.01	1.08	<.01	.199	24.19	.19	<.01	.03	<.01	3.87	.92
140892	<.001	.060	<.02	<.01	<2	.117	.015	.13	10.59	<.01	<.01	<.001	<.01	<.01	6.38	<.01	.210	19.16	.33	.02	<.01	<.01	1.68	1.98
140893	<.001	.013	<.02	.01	<2	.185	.010	.15	9.60	<.01	<.01	<.001	<.01	<.01	4.26	.01	.147	23.81	.25	.04	<.01	<.01	.34	3.26
140894	<.001	.007	<.02	.01	<2	.254	.011	.16	8.93	<.01	<.01	<.001	<.01	<.01	2.12	.01	.154	28.51	.22	<.01	.07	<.01	.17	3.64
140895	<.001	.010	<.02	.01	<2	.243	.011	.16	10.29	<.01	<.01	<.001	<.01	<.01	2.54	.01	.155	26.80	.19	.01	.02	<.01	.31	2.92
140896	<.001	.003	<.02	.01	<2	.156	.014	.14	9.64	<.01	<.01	<.001	<.01	<.01	1.35	.01	.138	27.54	.25	<.01	.03	<.01	.12	2.56
140897	<.001	.043	<.02	.01	<2	.274	.015	.13	9.87	<.01	<.01	<.001	<.01	<.01	1.04	.01	.159	27.29	.27	<.01	<.01	<.01	.79	2.75
140898	<.001	.016	<.02	.01	<2	.256	.014	.16	8.43	<.01	<.01	<.001	<.01	<.01	.10	.01	.151	29.34	.28	<.01	.09	<.01	.22	2.87
140899	<.001	.013	<.02	<.01	<2	.235	.013	.14	7.28	<.01	<.01	<.001	<.01	<.01	.88	.01	.164	27.25	.44	<.01	.13	<.01	.26	2.27
140900 PULP	<.001	.103	<.02	<.01	<2	.349	.015	.05	10.00	<.01	<.01	<.001	<.01	<.01	3.40	.01	.455	16.26	2.63	.20	.08	<.01	1.06	-
140901	.001	.091	<.02	<.01	<2	.312	.022	.11	9.42	<.01	<.01	<.001	<.01	<.01	3.22	.01	.146	21.35	.58	<.01	.09	<.01	1.95	3.57
140902	.003	.101	<.02	.01	<2	.066	.011	.18	11.90	<.01	<.01	<.001	<.01	<.01	11.34	.01	.079	11.74	.68	.11	.10	<.01	3.91	2.07
STANDARD R-2a/CSB	.053	.582	1.65	4.28	159	.390	.045	.26	26.05	.24	.14	.031	.14	<.01	3.83	.08	.054	2.82	2.63	.53	.73	.08	5.67	-

GROUP 7TD - 0.500 GM SAMPLE, 4 ACID (HF-HClO4-HNO3-HCL) DIGESTION TO 100 ML, ANALYSIS BY ICP-ES.
- SAMPLE TYPE: P1 TO P3 CORE P Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

Data FA

DATE RECEIVED: JUN 8 2004 DATE REPORT MAILED: June 21/04

All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of the analysis only.





SAMPLE#	Mo %	Cu %	Pb %	Zn %	Ag gm/mt	Ni %	Co %	Mn %	Fe %	As %	Sr %	Cd %	Sb %	Bi %	Ca %	P %	Cr %	Mg %	Al %	Na %	K %	W %	TOT/S %	Sample kg
140903	.004	.167	<.02	.01	2	.114	.014	.20	14.66	<.01	<.01	<.001	<.01	<.01	8.93	.06	.077	12.66	.56	.17	.19	<.01	4.98	3.23
140904	<.001	.018	<.02	.01	2	.130	.012	.18	7.82	<.01	<.01	<.001	<.01	<.01	6.01	.01	.104	18.13	.53	.12	.18	<.01	.56	2.61
140905	.002	.076	<.02	.01	<2	.068	.009	.22	12.56	<.01	.01	<.001	<.01	<.01	7.29	.01	.086	13.86	1.51	.10	.76	<.01	3.33	3.04
140906	.002	.082	<.02	.01	<2	.113	.011	.15	12.19	<.01	.01	<.001	<.01	<.01	5.26	.01	.088	15.80	1.86	.06	.82	<.01	3.32	2.81
140907	.001	.040	<.02	.01	<2	.142	.010	.16	9.36	<.01	<.01	<.001	<.01	<.01	3.89	.01	.118	19.50	1.08	.10	.53	<.01	2.12	4.24
140908	.003	.098	<.02	.01	3	.035	.011	.22	15.64	<.01	.01	<.001	<.01	<.01	11.13	.07	.032	9.14	1.90	.16	.70	<.01	5.35	3.33
140909	<.001	.063	<.02	.01	<2	.021	.008	.22	13.05	<.01	.03	<.001	<.01	<.01	13.88	.10	.026	8.00	2.28	.16	.66	<.01	2.94	3.00
140910	<.001	.076	<.02	.01	3	.018	.010	.19	13.16	<.01	.01	<.001	<.01	<.01	14.26	.06	.023	8.22	1.46	.22	.24	<.01	3.80	3.63
140911	<.001	.067	<.02	<.01	3	.043	.011	.18	13.40	<.01	.01	<.001	<.01	<.01	12.26	.02	.058	9.71	1.60	.19	.21	<.01	4.46	3.21
140912	<.001	.063	<.02	.01	3	.043	.011	.18	14.04	<.01	.01	<.001	<.01	<.01	9.70	.03	.060	10.27	2.65	.22	1.01	<.01	3.66	2.81
140913	<.001	.049	<.02	.01	3	.018	.009	.22	15.20	<.01	.02	<.001	<.01	<.01	11.64	.12	.014	8.66	3.78	.44	1.23	<.01	2.66	3.25
140914	<.001	.046	<.02	.01	<2	.040	.011	.19	13.34	<.01	.01	<.001	<.01	<.01	12.60	.04	.064	10.04	2.03	.23	.55	<.01	3.15	3.47
140915	<.001	.072	<.02	.01	3	.086	.013	.18	14.07	<.01	.01	<.001	<.01	<.01	9.46	.13	.072	13.06	1.31	.11	.59	<.01	4.28	2.92
140916	<.001	.077	<.02	.02	<2	.062	.014	.16	16.64	<.01	.10	<.001	<.01	<.01	9.47	.05	.054	7.63	5.41	.13	1.76	<.01	4.43	3.69
140917	<.001	.005	<.02	<.01	<2	.198	.009	.12	6.52	<.01	<.01	<.001	<.01	<.01	1.68	.03	.089	22.41	1.82	.08	1.37	<.01	.53	1.92
140918	<.001	.015	<.02	.01	2	.135	.011	.15	10.33	<.01	<.01	<.001	<.01	<.01	1.86	.02	.160	19.53	2.36	.02	1.48	<.01	1.05	2.36
140919	<.001	.073	<.02	.01	<2	.490	.022	.13	9.82	<.01	<.01	<.001	<.01	<.01	1.08	.01	.214	25.13	.84	<.01	.31	<.01	1.01	3.07
140920	<.001	.069	<.02	.01	4	.556	.017	.13	8.19	<.01	<.01	<.001	<.01	<.01	1.36	.01	.202	26.90	.67	.02	.36	<.01	.66	1.50
RE 140920	<.001	.070	<.02	.01	<2	.556	.018	.13	8.22	<.01	<.01	<.001	<.01	<.01	1.37	.01	.196	26.92	.65	<.01	.30	<.01	.70	-
RRE 140920	<.001	.069	<.02	.01	3	.564	.017	.12	8.12	<.01	<.01	<.001	<.01	<.01	1.37	.01	.205	26.33	.65	<.01	.28	<.01	.62	-
140921	<.001	.064	<.02	<.01	2	.537	.016	.12	7.78	<.01	<.01	<.001	<.01	<.01	1.46	.01	.196	26.26	.65	<.01	.29	<.01	.62	1.54
140922	<.001	.090	<.02	.01	<2	.630	.018	.14	9.11	<.01	<.01	<.001	<.01	<.01	2.00	.01	.257	26.98	.34	.05	.18	<.01	.87	3.09
140923	<.001	.029	<.02	<.01	<2	.361	.015	.14	8.03	<.01	<.01	<.001	<.01	<.01	3.29	.01	.216	25.79	.29	.02	.09	<.01	.36	3.48
140924	<.001	.044	<.02	.01	<2	.444	.017	.14	8.99	<.01	<.01	<.001	<.01	<.01	1.21	.01	.183	27.38	.37	<.01	.15	<.01	.56	2.72
140925 PULP	<.001	.102	<.02	<.01	2	.367	.017	.06	10.07	<.01	<.01	<.001	<.01	<.01	3.51	.01	.397	16.41	2.59	.23	.12	<.01	1.00	-
140926	<.001	.014	<.02	.01	<2	.251	.014	.15	8.56	<.01	<.01	<.001	<.01	<.01	1.07	.01	.190	28.36	.23	.01	.11	<.01	.15	3.26
140927	<.001	.003	<.02	.01	<2	.227	.014	.16	8.50	<.01	<.01	<.001	<.01	<.01	1.92	.01	.193	27.86	.21	<.01	.05	<.01	.11	3.23
140928	<.001	.013	<.02	<.01	<2	.200	.012	.13	8.44	<.01	<.01	<.001	<.01	<.01	2.16	.01	.183	26.24	.23	.03	.08	<.01	.25	2.72
140929	<.001	.017	<.02	.01	<2	.279	.015	.15	8.38	<.01	<.01	<.001	<.01	<.01	1.87	.01	.193	28.31	.16	.01	.06	<.01	.14	2.76
140930 ROCK	<.001	.004	<.02	<.01	<2	.003	.001	.11	4.53	<.01	.05	<.001	<.01	<.01	4.71	.06	.005	2.03	8.74	2.56	1.36	<.01	<.02	2.18
140931	<.001	.024	<.02	<.01	<2	.313	.016	.15	8.96	<.01	<.01	<.001	<.01	<.01	1.79	.01	.193	26.97	.28	.01	.08	<.01	.38	3.16
140932	<.001	.005	<.02	.01	<2	.203	.013	.14	8.00	<.01	<.01	<.001	<.01	<.01	2.63	.01	.260	26.10	.22	.02	.06	<.01	.13	2.94
140933	<.001	.007	<.02	.01	<2	.206	.012	.11	7.89	<.01	<.01	<.001	<.01	<.01	2.78	<.01	.470	24.61	.24	.02	.05	<.01	.21	3.01
140934	<.001	.067	<.02	<.01	<2	.421	.017	.14	8.53	<.01	<.01	<.001	<.01	<.01	1.65	.01	.226	26.48	.18	<.01	.08	<.01	.60	2.99
140935	<.001	.025	<.02	.01	<2	.357	.017	.15	8.96	<.01	<.01	<.001	<.01	<.01	1.58	.01	.241	27.28	.23	<.01	.14	<.01	.45	3.46
STANDARD R-2a/CSB	.052	.561	1.63	4.31	163	.384	.048	.25	26.01	.24	.14	.030	.14	<.01	3.82	.09	.056	2.65	2.67	.53	.71	.08	5.40	-

Sample type: CORE R150 60C. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.



SAMPLE#	Mo %	Cu %	Pb %	Zn % gm/mt	Ag %	Ni %	Co %	Mn %	Fe %	As %	Sr %	Cd %	Sb %	Bi %	Ca %	P %	Cr %	Mg %	Al %	Na %	K %	W %	TOT/S %	Sample kg
140936	<.001	.025	<.02	.01	<2	.341	.015	.15	8.76	<.01	<.01	<.001	<.01	<.01	1.43	<.01	.252	29.83	.24	.03	.04	<.01	.29	2.94
140937	<.001	.017	<.02	.01	<2	.319	.017	.15	8.91	<.01	<.01	<.001	<.01	<.01	1.64	<.01	.310	28.45	.22	.01	.07	<.01	.37	2.46
140938	<.001	.005	<.02	.01	<2	.212	.013	.16	8.63	<.01	<.01	<.001	<.01	<.01	3.25	.01	.512	27.40	.26	.07	<.01	<.01	.13	2.82
STANDARD R-2a/CSB	.053	.579	1.66	4.27	158	.390	.046	.26	26.58	.24	.15	.031	.14	<.01	3.83	.08	.063	2.84	2.71	.54	.75	.08	5.30	-

Sample type: CORE R150 60C.



Canadian Metals Exploration Limited PROJECT TUR-C04-28b File # A402612 Page 4
1060 - 1090 W. Georgia St, Vancouver BC V6E 3V7 Submitted by: Tony Hitchens



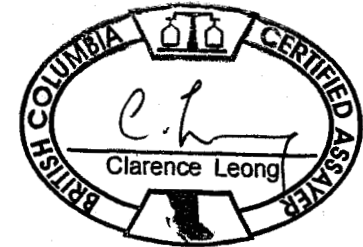
SAMPLE#	Au** ppb	Pt** ppb	Pd** ppb
140876	<2	<2	18
140877	4	16	18
140878	3	15	13
140879	9	32	29
140880	2	3	<2
140881	9	15	29
140882	29	28	66
140883	65	125	131
140884	9	53	73
140885	9	59	58
RE 140885	13	65	54
140886	5	81	60
140887	9	35	65
STANDARD FA-10R	505	486	485

GROUP 3B - FIRE GEOCHEM AU, PT, PD - 30 GM SAMPLE FUSION, DORE DISSOLVED IN AQUA - REGIA, ICP ANALYSIS. UPPER LIMITS = 10 PPM.
- SAMPLE TYPE: P1 TO P3 CORE P Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

Data FA

DATE RECEIVED: JUN 8 2004 DATE REPORT MAILED: June 21/04

Handwritten notes:
~~OK~~
OK



ASSAY CERTIFICATE

Canadian Metals Exploration Limited PROJECT TUR-C04-28b File # A402612R Page 1

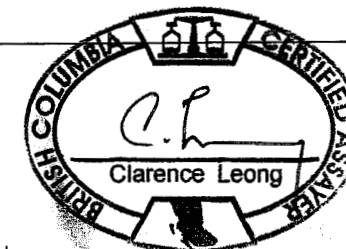
1060 - 1090 W. Georgia St, Vancouver BC V6E 3V7



SAMPLE#	Cu* %	Ni* %	Co* %
SI	<.001	<.001	<.001
140870 ROCK	.004	.001	<.001
140871	.103	.396	.030
140872	.051	.245	.018
140873	.013	.099	.009
140874	.138	.310	.025
140875 PULP	.093	.242	.010
140876	.101	.305	.024
140877	.093	.210	.019
140878	.052	.165	.020
140879	.071	.301	.032
140880	.052	.224	.022
140881	.057	.292	.028
140882 N.S.	-	-	-
140883 N.S.	-	-	-
140884 N.S.	-	-	-
140885 N.S.	-	-	-
140886 N.S.	-	-	-
140887 N.S.	-	-	-
140888	.034	.221	.011
140889 N.S.	-	-	-
140890	.087	.425	.025
RE 140890	.089	.436	.026
RRE 140890	.086	.440	.026
140891 N.S.	-	-	-
140892	.050	.101	.012
140893	.011	.122	.006
140894	.005	.124	.004
140895	.008	.154	.006
140896	.002	.084	.006
140897	.035	.190	.008
140898	.013	.156	.007
140899	.010	.168	.008
140900 PULP	.093	.248	.010
140901	.088	.310	.019
140902	.102	.067	.009
STANDARD R-2a	.528	.315	.042

CU* NI* & CO* - LEACHED WITH H2O2 + NH4 CITRATE.
- SAMPLE TYPE: CORE PULP
Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

Data Wp FA _____ DATE RECEIVED: OCT 29 2004 DATE REPORT MAILED: Nov 18/04





SAMPLE#	Cu* %	Ni* %	Co* %
140903	.161	.109	.013
140904	.016	.107	.008
140905	.071	.063	.008
140906	.077	.101	.010
140907	.036	.124	.008
140908	.089	.035	.010
140909	.055	.019	.006
140910	.068	.018	.008
140911	.062	.039	.009
140912	.057	.039	.009
140913	.042	.014	.006
140914	.042	.035	.008
140915	.068	.079	.011
140916	.070	.058	.012
140917	.005	.141	.006
140918	.014	.095	.007
140919 N.S.	-	-	-
140920 N.S.	-	-	-
RE 140920 N.S.	-	-	-
RRE 140920	.064	.462	.012
140921	.058	.446	.011
140922 N.S.	-	-	-
140923	.027	.250	.008
140924	.039	.320	.010
140925 PULP	.093	.251	.011
140926	.012	.107	.004
140927	.003	.077	.003
140928	.011	.107	.005
140929	.015	.118	.004
140930 ROCK	.003	.001	<.001
140931	.021	.190	.007
140932	.005	.092	.004
140933	.006	.139	.007
140934	.057	.305	.011
140935	.024	.223	.008
STANDARD R-2a	.525	.307	.039

Sample type: CORE PULP. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.



SAMPLE#	Cu* %	Ni* %	Co* %
140936	.020	.188	.007
140937	.013	.200	.010
140938	.004	.077	.004
STANDARD R-2a	.520	.313	.039

Sample type: CORE PULP.

(ISA Accredited Co.)

ASSAY CERTIFICATE

Hard Creek Nickel Corporation PROJECT TUR-C04-31 File # A403879 Page 1

1060 - 1090 W. Georgia St, Vancouver BC V6E 3V7 Submitted by: Tony Hitchens



SAMPLE#	Mo %	Cu %	Pb %	Zn %	Ag gm/mt	Ni %	Co %	Mn %	Fe %	As %	Sr %	Cd %	Sb %	Bi %	Ca %	P %	Cr %	Mg %	Al %	Na %	K %	W %	TOT/S %	Sample kg
SI	<.001	<.001	<.02	<.01	<2	<.001	<.001	<.01	.20	<.01	.02	<.001	<.01	<.01	9.78	.01	.001	.15	.96	10.83	.21	<.01	<.02	-
141234	<.001	.046	<.02	<.01	<2	.406	.020	.13	8.76	<.01	<.01	<.001	<.01	<.01	.28	.01	.228	30.27	.07	.05	<.01	<.01	.47	3.58
141235	<.001	.015	<.02	<.01	<2	.346	.017	.12	9.07	<.01	<.01	<.001	<.01	<.01	.12	.01	.152	30.04	.05	.01	.01	<.01	.29	3.17
141236	<.001	.020	<.02	<.01	<2	.306	.019	.13	8.88	<.01	<.01	<.001	<.01	<.01	.10	.01	.195	30.22	.04	.01	.01	<.01	.43	2.87
141237	<.001	.025	<.02	<.01	<2	.354	.020	.13	9.70	<.01	<.01	<.001	<.01	<.01	.06	.01	.217	29.19	.04	.01	<.01	<.01	.62	2.25
141238	<.001	.016	<.02	<.01	<2	.371	.019	.13	9.29	<.01	<.01	<.001	<.01	<.01	.07	.01	.206	30.80	.03	.01	<.01	<.01	.71	2.58
141239	<.001	.014	<.02	<.01	<2	.325	.015	.13	8.49	<.01	<.01	<.001	<.01	<.01	.06	.01	.202	30.34	.04	.01	<.01	<.01	.43	2.31
141240	<.001	.010	<.02	<.01	<2	.318	.015	.12	8.26	<.01	<.01	<.001	<.01	<.01	.07	.01	.168	30.30	.02	<.01	<.01	<.01	.41	1.75
141241	<.001	.009	<.02	.01	<2	.328	.014	.12	8.44	<.01	<.01	<.001	<.01	<.01	.07	.01	.198	31.05	.04	<.01	.01	<.01	.39	1.52
141242	<.001	.020	<.02	<.01	<2	.304	.014	.13	9.37	<.01	<.01	<.001	<.01	<.01	.06	.01	.257	30.04	.05	<.01	<.01	<.01	.80	2.63
141243	<.001	.047	<.02	<.01	<2	.256	.020	.11	12.20	<.01	<.01	<.001	<.01	<.01	<.01	.01	.202	27.65	.04	.01	<.01	<.01	2.12	2.94
141244	<.001	.027	<.02	<.01	<2	.236	.016	.12	10.66	<.01	<.01	<.001	<.01	<.01	.17	.01	.157	26.98	.03	.01	<.01	<.01	.97	2.55
141245	<.001	.023	<.02	<.01	<2	.305	.017	.13	10.17	<.01	<.01	<.001	<.01	<.01	.04	.01	.179	28.38	.03	.01	<.01	<.01	1.25	1.92
141246	<.001	.024	<.02	<.01	<2	.323	.021	.13	10.05	<.01	<.01	<.001	<.01	<.01	.07	.01	.138	29.60	.04	<.01	<.01	<.01	1.18	2.26
141247	<.001	.023	<.02	<.01	<2	.305	.023	.13	9.49	<.01	<.01	<.001	<.01	<.01	.07	.01	.120	30.37	.03	.01	<.01	<.01	1.06	2.89
141248	<.001	.053	<.02	<.01	<2	.289	.024	.11	10.59	<.01	<.01	<.001	<.01	<.01	.06	.01	.062	28.79	.05	.03	.03	<.01	1.73	2.71
141249	<.001	.049	<.02	<.01	<2	.284	.025	.12	10.97	<.01	<.01	<.001	<.01	<.01	.03	.01	.062	29.45	.01	.03	<.01	<.01	1.72	2.75
141250 PULP	<.001	.101	<.02	<.01	3	.368	.018	.05	10.02	<.01	<.01	<.001	<.01	<.01	3.69	.01	.379	17.16	2.65	.22	.05	<.01	1.04	-
141251	<.001	.053	<.02	.01	<2	.415	.018	.13	11.13	<.01	<.01	<.001	<.01	<.01	.08	.01	.069	29.84	.03	<.01	<.01	<.01	1.54	1.34
141252	<.001	.055	<.02	<.01	<2	.411	.015	.13	9.23	<.01	<.01	<.001	<.01	<.01	.08	.01	.162	30.32	.04	.01	<.01	<.01	.65	1.48
141253	<.001	.052	<.02	<.01	<2	.354	.019	.13	9.42	<.01	<.01	<.001	<.01	<.01	.11	.01	.195	30.03	.06	.04	<.01	<.01	.66	1.66
141254	<.001	.021	<.02	.01	<2	.312	.015	.13	8.27	<.01	<.01	<.001	<.01	<.01	.06	.01	.162	30.57	.03	.01	<.01	<.01	.30	3.24
RE 141254	<.001	.021	<.02	<.01	<2	.317	.015	.13	8.44	<.01	<.01	<.001	<.01	<.01	.08	.01	.155	31.18	.03	.02	<.01	<.01	.30	-
RRE 141254	<.001	.021	<.02	<.01	<2	.312	.016	.13	8.26	<.01	<.01	<.001	<.01	<.01	.08	.01	.159	30.51	.03	<.01	<.01	<.01	.33	-
141255	<.001	.028	<.02	<.01	<2	.314	.016	.14	8.42	<.01	<.01	<.001	<.01	<.01	.12	.01	.169	31.02	.03	.01	.01	<.01	.19	3.49
141256	<.001	.066	<.02	<.01	<2	.579	.021	.14	9.13	<.01	<.01	<.001	<.01	<.01	.10	.01	.187	32.38	.05	<.01	.01	<.01	.36	.83
141257	<.001	.005	<.02	<.01	<2	.278	.015	.14	8.46	<.01	<.01	<.001	<.01	<.01	.07	.01	.269	31.83	.05	<.01	<.01	<.01	.07	3.63
141258	<.001	.004	<.02	<.01	<2	.274	.015	.13	7.75	<.01	<.01	<.001	<.01	<.01	.10	.01	.269	31.25	.05	<.01	<.01	<.01	.10	3.27
141259	<.001	.007	<.02	<.01	<2	.278	.015	.13	7.32	<.01	<.01	<.001	<.01	<.01	.08	.01	.293	30.73	.11	<.01	<.01	<.01	.15	2.92
141260 ROCK	<.001	.006	<.02	.01	<2	.003	.002	.11	4.77	<.01	.05	<.001	<.01	<.01	4.97	.06	.003	2.22	9.15	2.65	1.36	<.01	.02	2.09
141261	<.001	.013	<.02	<.01	<2	.342	.016	.13	7.62	<.01	<.01	<.001	<.01	<.01	.08	.01	.232	30.94	.10	.02	<.01	<.01	.22	2.93
141262	<.001	.006	<.02	<.01	<2	.292	.015	.13	7.82	<.01	<.01	<.001	<.01	<.01	.10	.01	.239	31.03	.07	.04	<.01	<.01	.12	3.05
141263	<.001	.007	<.02	<.01	<2	.271	.013	.11	7.73	<.01	<.01	<.001	<.01	<.01	.12	.01	.206	30.64	.06	.03	<.01	<.01	.19	2.99
141264	<.001	.003	<.02	<.01	<2	.306	.015	.12	7.20	<.01	<.01	<.001	<.01	<.01	.10	.01	.175	31.57	.03	<.01	<.01	<.01	.14	2.38
141265	<.001	.005	<.02	.01	<2	.314	.016	.14	7.34	<.01	<.01	<.001	<.01	<.01	.04	.01	.196	32.01	.03	.02	<.01	<.01	.16	2.57
141266	<.001	.004	<.02	.01	<2	.307	.016	.14	7.85	<.01	<.01	<.001	<.01	<.01	.03	.01	.288	31.83	.06	<.01	.02	<.01	.12	3.30
STANDARD R-2a/CSB	.057	.551	1.71	4.45	166	.386	.048	.26	25.83	.21	.17	.031	.14	<.01	3.93	.09	.079	2.91	2.78	.50	.69	.08	5.31	-

GROUP 7TD - 0.500 GM SAMPLE, 4 ACID (HF-HClO4-HNO3-HCL) DIGESTION TO 100 ML, ANALYSIS BY ICP-ES.

TOTAL S GROUP 2A BY LECO.

- SAMPLE TYPE: CORE R150 50C Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

Data FA DATE RECEIVED: JUL 27 2004 DATE REPORT MAILED: Aug 6/04





SAMPLE#	Mo %	Cu %	Pb %	Zn %	Ag gm/mt	Ni %	Co %	Mn %	Fe %	As %	Sr %	Cd %	Sb %	Bi %	Ca %	P %	Cr %	Mg %	Al %	Na %	K %	W %	TOT/S %	Sample kg
141267	<.001	.005	<.02	<.01	<2	.386	.014	.13	7.05	<.01	<.01	<.001	<.01	<.01	.07	.01	.133	30.38	.09	.03	.01	<.01	.26	1.60
141268	<.001	.009	<.02	<.01	<2	.311	.014	.14	6.46	<.01	<.01	<.001	<.01	<.01	.02	.01	.107	29.77	.05	<.01	.02	<.01	.25	2.10
141269	<.001	.012	<.02	<.01	<2	.293	.014	.14	7.18	<.01	<.01	<.001	<.01	<.01	.10	.01	.192	30.75	.04	<.01	<.01	<.01	.19	3.60
141270	<.001	.003	<.02	<.01	<2	.270	.015	.15	7.35	<.01	<.01	<.001	<.01	<.01	.02	<.01	.237	30.69	.05	<.01	<.01	<.01	.15	1.51
141271	<.001	.003	<.02	<.01	<2	.261	.014	.15	7.27	<.01	<.01	<.001	<.01	<.01	.03	.01	.216	31.02	.05	<.01	.04	<.01	.17	1.43
141272	<.001	.019	<.02	<.01	<2	.386	.016	.14	7.48	<.01	<.01	<.001	<.01	<.01	.02	.01	.128	29.97	.03	<.01	<.01	<.01	.38	2.31
141273	<.001	.012	<.02	.01	<2	.402	.017	.07	7.30	<.01	<.01	<.001	<.01	<.01	.05	.01	.073	30.64	.01	<.01	<.01	<.01	.34	2.47
141274	<.001	.082	<.02	<.01	<2	.513	.023	.10	8.14	<.01	<.01	<.001	<.01	<.01	.02	<.01	.063	28.89	.03	<.01	.01	<.01	.82	2.71
141275 PULP	<.001	.099	<.02	<.01	3	.365	.017	.05	9.62	<.01	<.01	<.001	<.01	<.01	3.59	.01	.347	16.70	2.52	.22	.05	<.01	.95	-
141276	<.001	.048	<.02	<.01	<2	.376	.034	.07	8.54	<.01	<.01	<.001	<.01	<.01	.02	.01	.054	28.19	.03	<.01	<.01	<.01	1.40	2.68
141277	<.001	.025	<.02	<.01	<2	.343	.020	.08	8.25	<.01	<.01	<.001	<.01	<.01	.03	.01	.181	27.91	.03	<.01	.01	<.01	.96	2.87
141278	<.001	.035	<.02	<.01	<2	.372	.024	.10	10.42	<.01	<.01	<.001	<.01	<.01	.44	.01	.123	28.35	.04	<.01	.03	<.01	1.70	2.85
141279	<.001	.054	<.02	.01	<2	.283	.020	.12	11.80	<.01	<.01	<.001	<.01	<.01	.06	<.01	.285	27.06	.06	<.01	<.01	<.01	1.17	2.92
141280	<.001	.109	<.02	.01	<2	.443	.023	.17	10.12	<.01	<.01	<.001	<.01	<.01	.05	.01	.325	28.45	.06	<.01	<.01	<.01	1.25	2.82
RE 141280	<.001	.108	<.02	.01	<2	.438	.023	.17	10.03	<.01	<.01	<.001	<.01	<.01	.07	.01	.337	28.26	.05	<.01	.01	<.01	1.19	-
RRE 141280	<.001	.109	<.02	.01	<2	.453	.024	.17	10.40	<.01	<.01	<.001	<.01	<.01	.05	.01	.343	28.55	.08	.01	.01	<.01	1.28	-
141281	<.001	.091	<.02	<.01	<2	.327	.014	.12	8.59	<.01	<.01	<.001	<.01	<.01	.06	.01	.218	28.71	.08	<.01	.02	<.01	.74	1.90
141282	<.001	.061	<.02	<.01	<2	.423	.021	.11	8.02	<.01	<.01	<.001	<.01	<.01	.04	.01	.230	27.59	.07	<.01	.01	<.01	.85	2.58
141283	<.001	.093	<.02	<.01	<2	.459	.023	.15	9.12	<.01	<.01	<.001	<.01	<.01	.05	.01	.244	28.34	.08	.01	<.01	<.01	.93	2.67
141284	<.001	.042	<.02	<.01	<2	.379	.020	.10	8.34	<.01	<.01	<.001	<.01	<.01	.04	.01	.205	27.86	.12	.04	.02	<.01	.70	2.88
141285	<.001	.019	<.02	<.01	<2	.268	.013	.09	7.62	<.01	<.01	<.001	<.01	<.01	3.81	.04	.157	23.91	1.21	.04	<.01	<.01	.48	2.79
141286	<.001	.019	<.02	<.01	<2	.385	.017	.11	8.42	<.01	<.01	<.001	<.01	<.01	.06	<.01	.131	28.69	.12	<.01	.04	<.01	.76	2.71
141287	<.001	.031	<.02	<.01	<2	.358	.017	.11	9.49	<.01	<.01	<.001	<.01	<.01	.04	<.01	.148	29.24	.07	.01	.01	<.01	.91	3.23
141288	<.001	.035	<.02	<.01	<2	.584	.036	.06	10.64	<.01	<.01	<.001	<.01	<.01	<.01	.01	.123	27.88	.07	<.01	.03	<.01	1.91	2.83
141289	<.001	.023	<.02	.01	<2	.238	.010	.14	8.59	<.01	<.01	<.001	<.01	<.01	.01	.01	.159	30.14	.07	<.01	.01	<.01	.38	2.76
141290 ROCK	<.001	.006	<.02	.01	<2	<.001	.001	.11	4.74	<.01	.05	<.001	<.01	<.01	4.86	.05	.003	2.11	9.14	2.52	1.29	<.01	<.02	2.25
141291	<.001	.017	<.02	<.01	<2	.302	.014	.12	8.23	<.01	<.01	<.001	<.01	<.01	.04	.01	.120	28.88	.08	.05	.03	<.01	.64	2.84
141292	<.001	.044	<.02	<.01	<2	.321	.015	.10	7.80	<.01	<.01	<.001	<.01	<.01	.04	.01	.131	29.27	.07	.01	.03	<.01	.70	3.25
141293	<.001	.063	<.02	<.01	<2	.333	.015	.13	7.98	<.01	<.01	<.001	<.01	<.01	.05	.01	.140	29.56	.05	<.01	.04	<.01	.51	2.31
141294	<.001	.021	<.02	.01	<2	.312	.016	.15	7.38	<.01	<.01	<.001	<.01	<.01	.07	.01	.159	30.62	.06	.05	.01	<.01	.47	3.27
141295	<.001	.028	<.02	<.01	<2	.364	.018	.16	7.63	<.01	<.01	<.001	<.01	<.01	.08	.01	.144	30.66	.04	<.01	.01	<.01	.46	3.50
141296	<.001	.009	<.02	<.01	<2	.310	.015	.14	7.96	<.01	<.01	<.001	<.01	<.01	.03	.01	.171	29.75	.05	<.01	<.01	<.01	.54	2.47
STANDARD R-2a/CSB	.057	.555	1.71	4.42	164	.391	.050	.26	25.86	.19	.18	.031	.14	<.01	3.94	.08	.080	2.92	2.79	.54	.68	.08	5.32	-

Sample type: CORE R150 50C. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

ASSAY CERTIFICATE

Hard Creek Nickel Corporation PROJECT TUR-C04-31 File # A403879R Page 1
1060 - 1090 W. Georgia St, Vancouver BC V6E 3V7

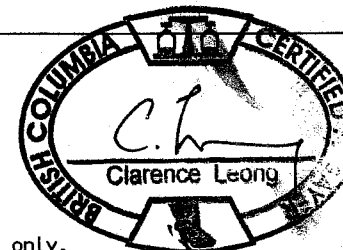


SAMPLE#	Cu* %	Ni* %	Co* %
SI	.001	<.001	<.001
141234	.046	.297	.013
141235	.012	.252	.012
141236	.011	.219	.013
141237	.009	.272	.015
141238	.013	.255	.011
141239	.009	.206	.009
141240	.009	.208	.009
141241	.009	.214	.009
141242	.019	.216	.009
141243	.010	.213	.017
141244	.009	.184	.013
141245	.007	.243	.013
141246	.005	.244	.014
141247	.006	.226	.015
141248	.009	.226	.018
141249	.012	.216	.018
141250 PULP	.094	.248	.011
141251	.030	.332	.013
141252	.024	.294	.010
141253	.011	.259	.013
141254	.004	.181	.008
RE 141254	.007	.182	.008
RRE 141254	.009	.184	.008
141255	.008	.167	.007
141256 N.S.	-	-	-
141257	.005	.103	.006
141258	.004	.104	.006
141259	.006	.160	.008
141260 ROCK	.004	.002	<.001
141261	.012	.213	.009
141262	.005	.138	.007
141263	.006	.155	.008
141264	.002	.149	.008
141265	.004	.157	.008
141266	.004	.126	.007
STANDARD R-2a	.522	.328	.044

CU* NI* & CO* - LEACHED WITH H2O2 + NH4 CITRATE.
- SAMPLE TYPE: CORE PULP
Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

Data h FA _____

DATE RECEIVED: NOV 12 2004 DATE REPORT MAILED: Dec 24/04





SAMPLE#	Cu* %	Ni* %	Co* %
141267	.005	.267	.009
141268	.009	.248	.010
141269	.011	.196	.009
141270	.003	.180	.009
141271	.002	.171	.009
141272	.010	.335	.013
141273	.011	.335	.014
141274 N.S.	-	-	-
141275 PULP	.094	.257	.011
141276	.011	.343	.028
141277	.008	.313	.017
141278	.005	.335	.020
141279	.013	.249	.017
141280 N.S.	-	-	-
RE 141280 N.S.	-	-	-
RRE 141280	.018	.416	.019
141281	.024	.280	.012
141282	.031	.383	.018
141283 N.S.	-	-	-
141284	.004	.342	.016
141285	.006	.220	.010
141286	.003	.336	.014
141287	.005	.296	.013
141288 N.S.	-	-	-
141289	.007	.175	.007
141290 ROCK	.004	.001<	.001
141291	.013	.251	.011
141292	.006	.265	.012
141293	.011	.278	.011
141294	.005	.250	.011
141295	.006	.280	.013
141296	.007	.236	.011
STANDARD R-2a	.519	.331	.043

Sample type: CORE PULP. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

ASSAY CERTIFICATE

Hard Creek Nickel Corporation PROJECT TUR-C04-34a File # A404191 Page 1

1060 - 1090 W. Georgia St., Vancouver BC V6E 3V7 Submitted by: Tony Hitchins

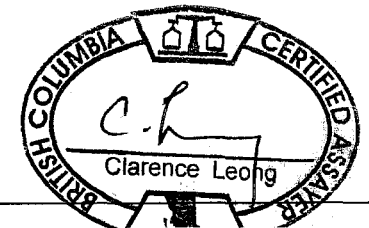


SAMPLE#	Mo %	Cu %	Pb %	Zn %	Ag gm/mt	Ni %	Co %	Mn %	Fe %	As %	Sr %	Cd %	Sb %	Bi %	Ca %	P %	Cr %	Mg %	Al %	Na %	K %	W %	TOT/S %	Cu* %	Ni* %	Co* %	Sample kg
SI	<.001	<.001	<.02	<.01	<2	<.001	<.001	<.01	.10	<.01	.02	<.001	<.01	<.01	8.88	.01	<.001	.10	.87	10.19	.20	<.01	-	<.001	<.001	<.001	-
141372	<.001	.015	<.02	<.01	3	.279	.015	.09	5.93	<.01	<.01	<.001	<.01	<.01	.72	<.01	.210	24.58	.21	.03	<.01	<.01	.33	.015	.269	.014	1.11
141373	<.001	.063	<.02	<.01	<2	.308	.020	.09	7.42	<.01	.01	<.001	<.01	<.01	.72	<.01	.168	24.42	.04	<.01	<.01	<.01	.40	.058	.284	.018	1.99
141374	<.001	.069	<.02	<.01	<2	.286	.020	.08	7.47	<.01	.01	<.001	<.01	<.01	.78	<.01	.147	23.94	.03	.02	<.01	<.01	.40	.031	.285	.020	1.43
141375 PULP	<.001	.061	<.02	.01	<2	.251	.010	.11	8.64	<.01	<.01	<.001	<.01	<.01	4.77	.01	.627	14.46	3.42	.36	.15	<.01	.54	.062	.199	.007	-
141376	<.001	.070	<.02	<.01	<2	.334	.019	.07	5.97	<.01	<.01	<.001	<.01	<.01	.11	.01	.179	25.06	.04	<.01	<.01	<.01	.54	.039	.313	.018	.72
141377	<.001	.093	<.02	<.01	<2	.301	.023	.07	6.95	<.01	<.01	<.001	<.01	<.01	.49	.01	.157	23.84	.10	<.01	<.01	<.01	.55	.072	.297	.022	1.40
141378	<.001	.030	<.02	<.01	<2	.217	.013	.09	6.46	<.01	<.01	<.001	<.01	<.01	.18	.01	.112	25.08	.03	<.01	<.01	<.01	.45	.028	.209	.013	1.80
141379	<.001	.026	<.02	<.01	<2	.228	.012	.10	6.63	<.01	<.01	<.001	<.01	<.01	.18	<.01	.190	24.65	.10	<.01	<.01	<.01	.40	.026	.222	.013	1.01
141380 ROCK	<.001	.005	<.02	.01	<2	.005	.001	.10	4.22	<.01	.05	<.001	<.01	<.01	4.67	.04	.002	2.08	8.55	2.46	1.22	<.01	<.02	.005	.002	<.001	1.21
141381	<.001	.041	<.02	<.01	<2	.267	.014	.13	7.10	<.01	.02	<.001	<.01	<.01	1.93	.03	.186	20.78	1.47	.05	.58	<.01	.64	.037	.244	.012	1.67
141382	<.001	.146	<.02	<.01	<2	.298	.019	.09	7.98	<.01	.01	<.001	<.01	<.01	.73	.01	.161	22.74	.54	.17	.06	<.01	.83	.119	.286	.017	1.58
141383	<.001	.025	<.02	<.01	<2	.256	.014	.09	6.87	<.01	<.01	<.001	<.01	<.01	.65	.01	.107	24.64	.22	<.01	<.01	<.01	.50	.024	.242	.013	2.09
141384	<.001	.013	<.02	<.01	<2	.245	.012	.10	6.76	<.01	<.01	<.001	<.01	<.01	.53	.01	.064	25.18	.06	<.01	.04	<.01	.45	.013	.222	.013	1.02
141385	<.001	.013	<.02	<.01	<2	.233	.013	.11	6.96	<.01	<.01	<.001	<.01	<.01	.38	.01	.110	26.28	.10	<.01	<.01	<.01	.33	.013	.184	.010	1.79
141386	<.001	.012	<.02	.01	<2	.174	.014	.14	6.30	<.01	.01	<.001	<.01	<.01	1.35	.01	.093	21.67	1.65	<.01	.14	<.01	.52	.011	.143	.011	1.08
141387	<.001	.012	<.02	<.01	<2	.136	.010	.14	6.16	<.01	.02	<.001	<.01	<.01	2.63	.04	.171	17.53	3.39	.69	.99	<.01	.30	.010	.117	.008	1.32
141388	<.001	.009	<.02	.01	<2	.110	.007	.25	8.27	<.01	.04	<.001	<.01	<.01	4.98	.16	.063	13.09	5.20	.17	3.35	<.01	.21	.009	.087	.005	.69
141389	<.001	.072	<.02	<.01	<2	.193	.018	.10	7.91	<.01	<.01	<.001	<.01	<.01	.71	<.01	.155	23.52	.57	.05	.33	<.01	1.06	.064	.171	.016	1.45
141390	<.001	.084	<.02	<.01	<2	.377	.022	.10	8.82	<.01	<.01	<.001	<.01	<.01	.19	.01	.142	25.06	.07	.03	.02	<.01	1.49	.019	.356	.020	2.00
RE 141390	<.001	.085	<.02	<.01	<2	.384	.022	.10	8.97	<.01	<.01	<.001	<.01	<.01	.19	.01	.145	25.23	.07	.01	<.01	<.01	1.50	.022	.355	.020	-
RRE 141390	<.001	.083	<.02	<.01	<2	.377	.022	.10	8.83	<.01	<.01	<.001	<.01	<.01	.15	.01	.142	24.91	.06	<.01	<.01	<.01	1.46	.019	.349	.020	-
141391	<.001	.059	<.02	<.01	<2	.373	.016	.11	7.76	<.01	.02	<.001	<.01	<.01	.94	.03	.108	22.24	1.54	.57	.31	<.01	1.08	.054	.340	.015	1.74
141392	<.001	.057	<.02	<.01	<2	.353	.016	.10	6.84	<.01	<.01	<.001	<.01	<.01	.29	.01	.095	26.50	.06	<.01	<.01	<.01	.63	.020	.291	.013	1.67
141393	<.001	.060	<.02	<.01	<2	.390	.016	.10	6.93	<.01	<.01	<.001	<.01	<.01	.19	<.01	.088	27.18	.03	<.01	<.01	<.01	.62	.019	.310	.013	1.98
141394	<.001	.084	<.02	<.01	3	.455	.019	.10	7.62	<.01	<.01	<.001	<.01	<.01	.56	.01	.232	26.17	.05	<.01	<.01	<.01	.78	.024	.381	.016	2.22
141395	<.001	.114	<.02	<.01	2	.581	.022	.10	8.02	<.01	<.01	<.001	<.01	<.01	.73	<.01	.123	26.01	.11	<.01	.04	<.01	1.20	.032	.490	.017	1.76
141396	<.001	.098	<.02	<.01	<2	.422	.019	.09	7.14	<.01	<.01	<.001	<.01	<.01	.26	.01	.231	26.32	.16	.03	<.01	<.01	.88	.083	.356	.015	2.16
141397	<.001	.100	<.02	<.01	2	.485	.021	.10	7.46	<.01	<.01	<.001	<.01	<.01	.15	.01	.252	26.55	.04	<.01	<.01	<.01	.75	.024	.448	.019	1.94
141398	<.001	.075	<.02	<.01	<2	.437	.021	.10	8.07	<.01	<.01	<.001	<.01	<.01	.27	<.01	.083	26.13	.04	<.01	.04	<.01	.86	.016	.408	.019	2.32
141399	<.001	.050	<.02	<.01	<2	.313	.020	.08	8.00	<.01	.01	<.001	<.01	<.01	.84	.01	.163	24.47	.13	<.01	<.01	<.01	1.10	.047	.299	.019	1.21
141400 PULP	<.001	.061	<.02	.01	3	.243	.011	.11	8.84	<.01	<.01	<.001	<.01	<.01	4.68	.02	.848	14.26	3.59	.34	.15	<.01	.56	.061	.199	.007	-
141401	<.001	.003	<.02	<.01	<2	.150	.011	.08	6.87	<.01	<.01	<.001	<.01	<.01	.02	.01	.174	24.42	1.22	<.01	.01	<.01	.17	.003	.129	.009	2.07
141402	<.001	.022	<.02	<.01	<2	.167	.012	.08	8.01	<.01	<.01	<.001	<.01	<.01	.58	.01	.175	23.56	.39	<.01	.03	<.01	.24	.020	.148	.011	2.12
141403	<.001	.044	<.02	.01	<2	.151	.011	.17	8.89	<.01	<.01	<.001	<.01	<.01	5.14	.04	.124	18.82	1.59	<.01	.04	<.01	.47	.043	.136	.010	2.07
141404	<.001	.040	<.02	.01	<2	.156	.012	.11	8.88	<.01	<.01	<.001	<.01	<.01	1.81	.01	.171	23.04	.19	.02	.01	<.01	.47	.034	.140	.011	2.22
STANDARD R-2a/CSB	.052	.579	1.58	4.31	166	.396	.047	.25	24.84	.25	.14	.029	.14	<.01	3.89	.09	.072	2.66	2.72	.51	.65	.09	5.32	.551	.322	.039	-

GROUP 7TD - 0.500 GM SAMPLE, 4 ACID (HF-HClO4-HNO3-HCl) DIGESTION TO 100 ML, ANALYSIS BY ICP-ES.
TOTAL S GROUP 2A BY LECO. CU* NI* & CO* - LEACHED WITH H2O2 + NH4 CITRATE.
- SAMPLE TYPE: CORE R150 50C Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

Data FA

DATE RECEIVED: AUG 4 2004 DATE REPORT MAILED: Aug 26/04





SAMPLE#	Mo %	Cu %	Pb %	Zn %	Ag gm/mt	Ni %	Co %	Mn %	Fe %	As %	Sr %	Cd %	Sb %	Bi %	Ca %	P %	Cr %	Mg %	Al %	Na %	K %	W %	TOT/S %	Cu* %	Ni* %	Co* %	Sample kg
141405	<.001	.063	<.02	.01	<2	.164	.012	.14	8.23	<.01	<.01	<.001	<.01	<.01	1.50	.03	.168	24.05	1.12	<.01	.03	<.01	.40	.056	.160	.011	1.78
141406	<.001	.047	<.02	<.01	<2	.200	.015	.14	8.65	<.01	<.01	<.001	<.01	<.01	2.38	.01	.171	23.36	.89	.03	.01	<.01	.40	.041	.196	.013	2.33
141407	<.001	.003	<.02	.01	<2	.068	.005	.31	7.12	<.01	<.01	<.001	<.01	<.01	13.18	.08	.084	12.64	5.95	<.01	.03	<.01	.04	.004	.043	.003	2.16
141408	<.001	.010	<.02	.01	<2	.126	.011	.16	6.94	<.01	<.01	<.001	<.01	<.01	8.13	.03	.238	18.75	2.35	<.01	.01	<.01	.18	.010	.122	.009	1.98
141409	<.001	<.001	<.02	.01	<2	.026	.001	.43	6.18	<.01	.10	<.001	<.01	<.01	21.60	.13	.059	6.25	6.10	<.01	.04	<.01	.01	<.001	.020	.001	2.61
141410 ROCK	<.001	.006	<.02	.01	<2	.003	.001	.11	4.51	<.01	.05	<.001	<.01	<.01	5.02	.05	.002	2.05	8.83	2.58	1.41	<.01	.01	.005	.001	<.001	1.18
141411	<.001	.041	<.02	.01	<2	.154	.011	.13	7.06	<.01	.01	<.001	<.01	<.01	5.76	.04	.339	20.48	2.31	<.01	.06	<.01	.33	.040	.144	.009	1.92
141412	<.001	.028	<.02	.01	<2	.197	.015	.15	9.51	<.01	<.01	<.001	<.01	<.01	1.28	.01	.251	25.94	.25	<.01	.02	<.01	.26	.026	.181	.012	1.48
141413	<.001	.040	<.02	.01	<2	.217	.014	.05	8.28	<.01	<.01	<.001	<.01	<.01	.94	.01	.228	25.13	.20	<.01	.01	<.01	.45	.038	.211	.012	1.54
141414	<.001	.074	<.02	.01	2	.310	.020	.18	9.32	<.01	<.01	<.001	<.01	<.01	2.66	.01	.130	24.87	.14	<.01	.05	<.01	.98	.026	.293	.018	2.18
141415	<.001	.104	<.02	.01	<2	.240	.017	.17	9.09	<.01	<.01	<.001	<.01	<.01	3.21	<.01	.164	24.65	.13	<.01	<.01	<.01	.84	.035	.246	.014	2.26
141416	<.001	.078	<.02	.01	<2	.219	.018	.20	9.89	<.01	<.01	<.001	<.01	<.01	1.10	.01	.237	26.82	.08	<.01	<.01	<.01	.71	.038	.211	.014	2.27
141417	<.001	.083	<.02	.01	<2	.257	.017	.20	10.21	<.01	<.01	<.001	<.01	<.01	.96	.01	.284	27.68	.08	<.01	.02	<.01	.74	.042	.233	.014	2.36
141418	<.001	.097	<.02	.01	<2	.387	.022	.17	10.38	<.01	<.01	<.001	<.01	<.01	.56	.01	.290	26.94	.32	.01	.02	<.01	1.28	.046	.367	.019	1.98
RE 141418	<.001	.099	<.02	.01	<2	.391	.023	.17	10.44	<.01	<.01	<.001	<.01	<.01	.57	.01	.299	27.07	.32	<.01	<.01	<.01	1.26	.042	.358	.018	-
RRE 141418	<.001	.096	<.02	.01	<2	.382	.022	.17	10.39	<.01	<.01	<.001	<.01	<.01	.55	<.01	.297	26.62	.28	<.01	.02	<.01	1.18	.037	.356	.018	-
141419	<.001	.037	<.02	.01	<2	.205	.015	.18	9.21	<.01	<.01	<.001	<.01	<.01	.79	.01	.245	27.39	.08	.01	.02	<.01	.45	.034	.174	.012	2.08
141420	<.001	.104	<.02	.01	<2	.337	.018	.17	10.26	<.01	<.01	<.001	<.01	<.01	1.40	.02	.197	26.08	.07	.01	<.01	<.01	1.03	.046	.315	.014	2.35
141421	<.001	.060	<.02	.01	<2	.269	.016	.18	9.53	<.01	<.01	<.001	<.01	<.01	.94	.01	.180	27.34	.07	<.01	.01	<.01	.54	.036	.233	.011	2.33
141422	<.001	.081	<.02	.01	<2	.248	.013	.17	9.18	<.01	<.01	<.001	<.01	<.01	1.70	.01	.171	25.95	.05	<.01	.03	<.01	.50	.023	.226	.011	2.16
141423	<.001	.124	<.02	.01	<2	.373	.018	.17	8.75	<.01	<.01	<.001	<.01	<.01	.37	<.01	.204	27.36	.05	<.01	.02	<.01	.75	.033	.348	.015	2.40
STANDARD R-2a/CSB	.054	.577	1.62	4.53	178	.390	.049	.27	25.38	.23	.15	.031	.15	<.01	4.02	.09	.071	2.92	2.63	.53	.69	.10	5.29	.537	.319	.038	-

Sample type: CORE R150 50C. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.



ASSAY CERTIFICATE



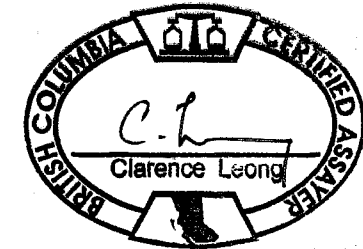
Hard Creek Nickel Corporation PROJECT TUR CO4-34b File # A404441

1060 - 1090 W. Georgia St, Vancouver BC V6E 3V7

SAMPLE#	Mo %	Cu %	Pb %	Zn %	Ag gm/mt	Ni %	Co %	Mn %	Fe %	As %	Sr %	Cd %	Sb %	Bi %	Ca %	P %	Cr %	Mg %	Al %	Na %	K %	W TOT/S %	Cu* %	Ni* %	Co* %	Sample kg	
SI	<.001	<.001	<.02	.01	<2	.001	<.001	<.01	.09	<.01	.02	<.001	<.01	<.01	8.84	.01	.001	.13	.94	10.20	.24	<.01	-	<.001	<.001	<.001	-
141424	<.001	.122	<.02	.01	<2	.308	.015	.20	10.38	<.01	<.01	<.001	<.01	<.01	1.02	<.01	.179	25.57	.08	.09	.02	<.01	.86	.116	.289	.014	2.04
141425(PULP)	<.001	.103	<.02	<.01	2	.355	.015	.05	9.61	<.01	<.01	<.001	<.01	<.01	3.55	.01	.377	16.24	2.67	.26	.09	<.01	1.15	.095	.255	.012	-
141426	<.001	.101	<.02	.01	<2	.269	.013	.18	9.80	<.01	<.01	<.001	<.01	<.01	1.66	<.01	.153	24.15	.16	.01	.03	<.01	.82	.090	.254	.014	1.94
141427	<.001	.100	<.02	.01	<2	.183	.010	.13	6.97	<.01	<.01	<.001	<.01	<.01	3.06	.03	.119	21.81	1.86	.03	.01	<.01	.61	.089	.169	.009	1.65
141428	<.001	.050	<.02	.01	<2	.270	.015	.07	8.29	<.01	<.01	<.001	<.01	<.01	2.13	.02	.104	22.26	1.04	.01	.04	<.01	.92	.044	.259	.015	1.78
141429	<.001	.046	<.02	.01	<2	.226	.012	.10	8.18	<.01	<.01	<.001	<.01	<.01	4.76	.01	.153	20.42	1.07	.01	.03	<.01	.74	.041	.215	.012	2.60
141430a	<.001	.057	<.02	.01	<2	.287	.016	.10	8.44	<.01	<.01	<.001	<.01	<.01	2.60	.01	.183	21.98	.44	.01	.03	<.01	1.13	.052	.283	.016	2.75
141430b	<.001	.057	<.02	.01	<2	.285	.016	.10	8.44	<.01	<.01	<.001	<.01	<.01	2.62	.01	.181	22.04	.43	.03	.04	<.01	1.13	.051	.278	.016	-
141431	<.001	.097	<.02	.01	<2	.289	.018	.14	8.84	<.01	<.01	<.001	<.01	<.01	3.97	.01	.191	20.65	1.32	.06	.07	<.01	1.16	.086	.275	.018	2.75
141432	<.001	.068	<.02	.01	<2	.411	.023	.12	10.26	<.01	.01	<.001	<.01	<.01	.87	.01	.231	22.61	1.01	<.01	.05	<.01	1.86	.061	.389	.024	1.93
141433	<.001	.058	<.02	.01	<2	.308	.020	.15	9.95	<.01	<.01	<.001	<.01	<.01	3.63	.03	.199	20.03	1.59	.08	.03	<.01	1.40	.052	.298	.021	2.65
141434	<.001	.055	<.02	.01	<2	.161	.011	.13	8.44	<.01	.01	<.001	<.01	<.01	5.77	.03	.144	19.18	1.62	.06	.04	<.01	.68	.047	.153	.011	2.38
141435	<.001	.075	<.02	.01	<2	.258	.018	.13	9.31	<.01	<.01	<.001	<.01	<.01	3.11	.02	.158	20.83	1.57	.02	.03	<.01	1.17	.066	.248	.018	2.13
RE 141435	<.001	.074	<.02	.01	<2	.256	.019	.13	9.19	<.01	<.01	<.001	<.01	<.01	3.07	.01	.163	20.55	1.51	<.01	.02	<.01	1.18	.067	.248	.018	-
RRE 141435	<.001	.075	<.02	.01	<2	.261	.018	.13	9.32	<.01	<.01	<.001	<.01	<.01	3.15	.01	.162	20.80	1.57	.04	.02	<.01	1.20	.066	.243	.018	-
141436	<.001	.145	<.02	.01	<2	.279	.015	.17	10.06	<.01	<.01	<.001	<.01	<.01	1.08	.01	.209	23.53	.15	.06	.03	<.01	1.27	.117	.259	.015	2.03
141437	<.001	.157	<.02	.01	<2	.520	.030	.19	11.15	<.01	<.01	<.001	<.01	<.01	.70	<.01	.211	24.46	.08	.04	<.01	<.01	2.18	.138	.499	.031	2.08
141438	<.001	.093	<.02	.01	<2	.271	.019	.14	9.73	<.01	<.01	<.001	<.01	<.01	1.01	.01	.228	23.27	.60	<.01	.03	<.01	1.10	.086	.267	.018	1.91
141439	<.001	.060	<.02	.01	<2	.214	.011	.18	8.10	<.01	<.01	<.001	<.01	<.01	2.56	.01	.218	22.75	.59	.07	.03	<.01	.53	.052	.198	.011	1.82
141440(ROCK)	<.001	.008	<.02	.01	<2	.002	.001	.11	4.45	<.01	.05	<.001	<.01	<.01	4.77	.05	.003	1.99	9.08	2.42	1.34	<.01	<.02	.007	.002	<.001	2.26
141441	<.001	.024	<.02	.01	<2	.205	.012	.17	8.65	<.01	<.01	<.001	<.01	<.01	1.45	.01	.182	23.02	.68	.03	.05	<.01	.70	.021	.190	.013	1.96
141442	<.001	.038	<.02	.01	<2	.299	.017	.14	10.10	<.01	<.01	<.001	<.01	<.01	4.84	.01	.164	20.65	.26	.03	.03	<.01	1.56	.033	.284	.017	2.22
141443	<.001	.056	<.02	<.01	<2	.365	.019	.14	10.02	<.01	<.01	<.001	<.01	<.01	2.40	<.01	.127	23.13	.17	.03	<.01	<.01	2.09	.051	.355	.019	1.78
141444	<.001	.022	<.02	.01	<2	.174	.009	.17	6.56	<.01	.03	<.001	<.01	<.01	10.84	.04	.140	12.48	5.84	.24	.91	<.01	.16	.022	.120	.007	2.83
141445	<.001	.014	<.02	.01	<2	.157	.009	.17	7.45	<.01	.06	<.001	<.01	<.01	4.18	.04	.149	16.85	2.75	.15	1.24	<.01	.34	.015	.120	.007	1.52
141446	<.001	.019	<.02	.01	<2	.122	.012	.13	8.44	<.01	<.01	<.001	<.01	<.01	5.32	<.01	.137	17.93	.83	.12	.27	<.01	1.48	.018	.095	.010	2.19
141447	<.001	.028	<.02	<.01	<2	.024	.013	.14	7.23	<.01	.01	<.001	<.01	<.01	13.44	.01	.140	11.21	1.70	.16	.35	<.01	.62	.027	.019	.011	2.10
141448	<.001	.033	<.02	.01	<2	.061	.012	.12	7.91	<.01	.01	<.001	<.01	<.01	12.59	.01	.141	11.70	1.74	.16	.24	<.01	1.64	.032	.042	.011	1.87
141449	<.001	.008	<.02	.01	<2	.210	.009	.08	4.95	<.01	<.01	<.001	<.01	<.01	4.54	.01	.151	19.17	1.38	.08	.18	<.01	.14	.008	.130	.006	2.74
141450(PULP)	<.001	.102	<.02	<.01	<2	.352	.015	.05	9.40	<.01	<.01	<.001	<.01	<.01	3.47	.01	.385	15.96	2.63	.30	.08	<.01	1.14	.096	.257	.013	-
STANDARD R-2a/CSB	.054	.568	1.66	4.36	163	.395	.044	.26	25.81	.23	.16	.031	.15	<.01	3.89	.08	.064	2.79	2.88	.59	.72	.09	5.32	.534	.322	.041	-

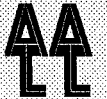
GROUP 7TD - 0.500 GM SAMPLE, 4 ACID (HF-HClO4-HNO3-HCl) DIGESTION TO 100 ML, ANALYSIS BY ICP-ES.
TOTAL S GROUP 2A BY LECO. CU* NI* & CO* - LEACHED WITH H2O2 + NH4 CITRATE.
- SAMPLE TYPE: CORE R150 60C Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

Data FA DATE RECEIVED: AUG 10 2004 DATE REPORT MAILED: Sept 1/04





ASSAY CERTIFICATE



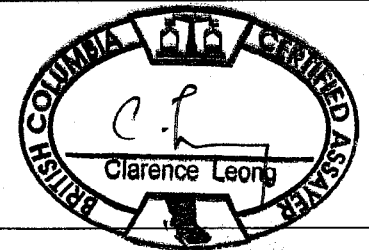
Hard Creek Nickel Corporation PROJECT TUR CO4-35 File # A404442 Page 1

1060 - 1090 W. Georgia St, Vancouver BC V6E 3V7

SAMPLE#	Mo %	Cu %	Pb %	Zn %	Ag gm/mt	Ni %	Co %	Mn %	Fe %	As %	Sr %	Cd %	Sb %	Bi %	Ca %	P %	Cr %	Mg %	Al %	Na %	K %	W TOT/S %	Cu* %	Ni* %	Co* %	Sample kg	
SI	<.001	<.001	<.02	.01	<2	.001	<.001	<.01	.10	<.01	.02	<.001	<.01	<.01	8.82	.01	.001	.11	.86	9.86	.24	<.01	-	<.001	.001	<.001	-
141523	<.001	.053	<.02	.01	<2	.203	.020	.15	10.21	<.01	<.01	<.001	<.01	<.01	2.09	.02	.173	23.86	.44	.09	.07	<.01	2.12	.048	.181	.019	.70
141524	.002	.035	<.02	.02	<2	.048	.007	.16	8.35	<.01	.03	<.001	<.01	<.01	3.43	.01	.047	6.47	5.07	3.17	1.95	<.01	2.60	.032	.037	.005	.78
141525(PULP)	<.001	.066	<.02	.02	<2	.259	.010	.12	8.89	<.01	<.01	<.001	<.01	<.01	4.81	.01	.789	15.07	3.40	.36	.13	<.01	.52	.062	.189	.007	-
141526	<.001	.017	<.02	.02	<2	.063	.006	.21	8.15	<.01	.01	<.001	<.01	<.01	1.17	<.01	.117	16.18	2.32	.07	2.76	<.01	1.11	.016	.035	.003	.94
141527	<.001	.023	<.02	.02	<2	.091	.011	.20	8.52	<.01	.01	<.001	<.01	<.01	2.01	.01	.146	17.83	.54	.11	.43	<.01	2.00	.022	.066	.009	2.87
141528	<.001	.025	<.02	.01	<2	.098	.012	.19	8.60	<.01	.01	<.001	<.01	<.01	2.47	<.01	.130	17.83	.49	.09	.40	<.01	2.58	.024	.080	.011	1.13
141529	<.001	.006	<.02	.01	<2	.159	.010	.12	8.62	<.01	<.01	<.001	<.01	<.01	1.21	.01	.220	22.90	.57	<.01	.20	<.01	.75	.005	.132	.009	1.49
141530(ROCK)	<.001	.006	<.02	.01	<2	.002	.001	.11	4.40	<.01	.05	<.001	<.01	<.01	4.80	.06	.003	1.98	8.30	2.58	1.36	<.01	<.02	.005	.001	<.001	2.18
141531	<.001	.004	<.02	.01	<2	.182	.010	.18	8.80	<.01	<.01	<.001	<.01	<.01	1.94	.01	.186	24.53	.58	<.01	.17	<.01	.50	.004	.143	.007	2.74
141532	<.001	.004	<.02	.01	<2	.168	.010	.15	8.69	<.01	<.01	<.001	<.01	<.01	1.43	.01	.180	24.38	.44	.06	.11	<.01	.52	.003	.140	.008	2.46
141533	<.001	.007	<.02	.01	<2	.138	.009	.13	8.63	<.01	<.01	<.001	<.01	<.01	1.94	<.01	.174	22.85	.39	.04	.10	<.01	.92	.006	.120	.008	2.24
141534	<.001	.022	<.02	.01	<2	.059	.017	.15	12.21	<.01	<.01	<.001	<.01	<.01	4.98	.01	.155	18.94	.26	.04	.03	<.01	3.07	.021	.054	.015	2.72
141535	<.001	.029	<.02	.01	<2	.061	.020	.15	13.14	<.01	<.01	<.001	<.01	<.01	4.72	.01	.170	18.35	.24	.02	.03	<.01	4.08	.027	.060	.020	2.88
141536	<.001	.024	<.02	.01	<2	.108	.018	.15	11.34	<.01	<.01	<.001	<.01	<.01	3.14	.01	.181	21.43	.35	.02	.11	<.01	2.44	.022	.094	.016	1.97
141537	<.001	.027	<.02	.01	<2	.076	.015	.14	10.57	<.01	<.01	<.001	<.01	<.01	6.60	.01	.158	18.03	.50	.13	.03	<.01	2.45	.024	.070	.014	2.31
RE 141537	<.001	.027	<.02	.01	<2	.075	.015	.14	10.46	<.01	<.01	<.001	<.01	<.01	6.55	<.01	.160	17.94	.54	.09	.04	<.01	2.46	.024	.067	.014	-
RRE 141537	<.001	.028	<.02	.01	<2	.078	.016	.14	10.60	<.01	<.01	<.001	<.01	<.01	6.65	.01	.155	18.05	.51	.04	.02	<.01	2.40	.025	.068	.014	-
141538	.001	.018	<.02	.01	<2	.143	.008	.13	6.86	<.01	<.01	<.001	<.01	<.01	7.20	.01	.102	17.99	1.09	.11	.12	<.01	.94	.018	.120	.007	3.38
141539	<.001	.026	<.02	.01	<2	.226	.016	.14	9.13	<.01	<.01	<.001	<.01	<.01	2.14	.02	.211	24.61	.30	.09	.06	<.01	.74	.022	.189	.013	2.75
141540a	<.001	.013	<.02	.01	<2	.236	.013	.15	8.05	<.01	<.01	<.001	<.01	<.01	3.29	.01	.213	24.28	.33	.05	.13	<.01	.43	.012	.172	.008	-
141540b	<.001	.014	<.02	.01	<2	.244	.013	.15	8.15	<.01	<.01	<.001	<.01	<.01	3.35	.01	.226	24.53	.34	.07	.10	<.01	.45	.012	.180	.008	2.90
141541	<.001	.030	<.02	.01	<2	.291	.014	.15	7.70	<.01	<.01	<.001	<.01	<.01	2.72	.01	.171	25.50	.23	.14	.05	<.01	.39	.027	.211	.009	2.95
141542	<.001	.042	<.02	.01	<2	.288	.013	.14	8.33	<.01	<.01	<.001	<.01	<.01	2.35	.01	.170	25.75	.24	.05	.01	<.01	.41	.037	.200	.008	2.86
141543	<.001	.060	<.02	.01	<2	.490	.018	.15	8.33	<.01	<.01	<.001	<.01	<.01	3.19	.01	.187	25.23	.20	.05	.05	<.01	.79	.052	.379	.011	3.23
141544	<.001	.057	<.02	.01	<2	.448	.016	.13	8.12	<.01	<.01	<.001	<.01	<.01	4.54	.01	.219	23.39	.22	.05	.03	<.01	.89	.049	.364	.011	3.18
141545	<.001	.108	<.02	.01	<2	.549	.019	.14	8.59	<.01	<.01	<.001	<.01	<.01	3.08	.01	.223	25.09	.26	.03	.05	<.01	1.02	.093	.445	.013	3.31
141546	<.001	.016	<.02	.01	<2	.383	.014	.13	7.33	<.01	<.01	<.001	<.01	<.01	3.44	.01	.182	24.99	.49	.08	.22	<.01	.54	.015	.300	.009	3.04
141547	<.001	.038	<.02	.01	<2	.548	.019	.14	8.16	<.01	<.01	<.001	<.01	<.01	4.23	.01	.159	24.95	.22	.06	.03	<.01	.84	.034	.449	.013	3.07
141548	<.001	.012	<.02	.01	<2	.249	.013	.15	8.14	<.01	<.01	<.001	<.01	<.01	4.10	.01	.155	27.19	.23	.10	.04	<.01	.16	.011	.118	.005	2.88
141549	<.001	.005	<.02	.01	<2	.241	.013	.14	7.39	<.01	<.01	<.001	<.01	<.01	3.91	.01	.139	26.08	.18	.10	.02	<.01	.17	.005	.125	.006	3.23
141550(PULP)	<.001	.063	<.02	.02	<2	.245	.012	.11	8.78	<.01	<.01	<.001	<.01	<.01	4.70	.01	.788	14.87	3.49	.39	.13	<.01	.50	.061	.187	.008	-
141551	<.001	.004	<.02	.01	<2	.245	.013	.15	7.85	<.01	<.01	<.001	<.01	<.01	3.41	.01	.111	26.31	.20	.06	.04	<.01	.22	.003	.150	.007	3.13
141552	<.001	.004	<.02	.01	<2	.248	.012	.15	8.01	<.01	<.01	<.001	<.01	<.01	3.50	.01	.092	26.18	.20	.06	.07	<.01	.20	.004	.142	.007	2.86
141553	<.001	.005	<.02	.01	<2	.226	.012	.15	8.34	<.01	<.01	<.001	<.01	<.01	3.33	.01	.153	26.11	.20	.02	.04	<.01	.19	.005	.129	.007	2.65
141554	<.001	.004	<.02	.01	<2	.226	.011	.15	8.24	<.01	<.01	<.001	<.01	<.01	3.31	.01	.150	25.96	.18	.02	.05	<.01	.18	.004	.121	.006	3.32
STANDARD R-2a/CSB	.051	.584	1.68	4.41	170	.401	.050	.26	25.55	.25	.11	.031	.14	<.01	3.95	.09	.064	2.84	2.63	.51	.69	.09	5.34	.562	.321	.042	-

GROUP 7TD - 0.500 GM SAMPLE, 4 ACID (HF-HClO4-HNO3-HCL) DIGESTION TO 100 ML, ANALYSIS BY ICP-ES.
 TOTAL S GROUP 2A BY LECO. CU* NI* & CO* - LEACHED WITH H2O2 + NH4 CITRATE.
 - SAMPLE TYPE: CORE R150 60C Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

Data FA DATE RECEIVED: AUG 10 2004 DATE REPORT MAILED: Sept 1/04





SAMPLE#	Mo %	Cu %	Pb %	Zn %	Ag gm/mt	Ni %	Co %	Mn %	Fe %	As %	Sr %	Cd %	Sb %	Bi %	Ca %	P %	Cr %	Mg %	Al %	Na %	K %	W TOT/S %	Cu* %	Ni* %	Co* %	Sample kg	
141555	<.001	.003	<.02	.01	<2	.244	.012	.15	8.43	<.01	<.01	<.001	<.01	<.01	3.50	.01	.132	25.42	.22	.06	.05	<.01	.24	.003	.136	.007	3.04
141556	<.001	.003	<.02	.01	<2	.254	.013	.15	8.60	<.01	<.01	<.001	<.01	<.01	2.98	.01	.149	26.03	.19	.06	.07	<.01	.22	.003	.138	.006	3.02
141557	<.001	.004	<.02	.01	<2	.252	.012	.15	8.20	<.01	<.01	<.001	<.01	<.01	3.79	.01	.173	26.05	.18	.04	.03	<.01	.17	.004	.124	.006	3.16
141558	<.001	.006	<.02	.01	<2	.257	.013	.14	8.51	<.01	<.01	<.001	<.01	<.01	3.16	.01	.183	26.46	.16	<.01	.02	<.01	.17	.006	.131	.007	3.03
141559	<.001	.013	<.02	.01	<2	.240	.012	.12	8.32	<.01	<.01	<.001	<.01	<.01	2.84	.01	.144	25.36	.23	.02	.03	<.01	.26	.012	.155	.008	3.11
141560(ROCK)	<.001	.005	<.02	.01	<2	.004	.001	.10	4.58	<.01	.05	<.001	<.01	<.01	4.92	.06	.003	2.09	8.94	2.54	1.33	<.01	<.02	.005	.003	<.001	1.59
141561	<.001	.006	<.02	.01	<2	.238	.012	.14	8.31	<.01	<.01	<.001	<.01	<.01	3.48	.01	.134	25.54	.24	.03	.07	<.01	.23	.005	.121	.006	3.40
141562	<.001	.008	<.02	.01	<2	.225	.012	.14	8.20	<.01	<.01	<.001	<.01	<.01	3.41	.01	.129	25.34	.18	.06	.06	<.01	.23	.008	.107	.005	3.33
141563	<.001	.008	<.02	.01	<2	.236	.012	.14	8.10	<.01	<.01	<.001	<.01	<.01	3.17	.01	.147	25.04	.17	.06	.05	<.01	.21	.009	.114	.005	3.44
141564	<.001	.006	<.02	.01	<2	.244	.012	.15	8.40	<.01	<.01	<.001	<.01	<.01	2.75	.01	.148	25.62	.17	.08	.05	<.01	.19	.006	.115	.005	3.54
141565	<.001	.005	<.02	.01	<2	.240	.012	.14	8.15	<.01	<.01	<.001	<.01	<.01	2.81	.01	.133	25.01	.17	.01	.09	<.01	.22	.005	.122	.005	3.20
141566	<.001	.005	<.02	.01	<2	.235	.012	.14	7.80	<.01	<.01	<.001	<.01	<.01	3.28	.01	.102	24.29	.18	.04	.11	<.01	.23	.006	.129	.006	3.12
141567	<.001	.004	<.02	.01	<2	.233	.011	.15	8.15	<.01	<.01	<.001	<.01	<.01	3.22	.02	.129	25.12	.18	.03	.05	<.01	.19	.004	.132	.006	2.92
141568	<.001	.005	<.02	.01	<2	.235	.011	.13	7.61	<.01	<.01	<.001	<.01	<.01	3.11	.01	.108	24.43	.24	<.01	.05	<.01	.24	.005	.152	.007	2.64
141569	<.001	.005	<.02	.01	<2	.245	.012	.15	8.27	<.01	<.01	<.001	<.01	<.01	2.84	.01	.132	25.48	.18	.06	.06	<.01	.24	.005	.130	.006	3.16
141570a	<.001	.005	<.02	.01	<2	.237	.012	.15	8.69	<.01	<.01	<.001	<.01	<.01	2.62	.01	.174	25.02	.19	.01	.07	<.01	.21	.005	.130	.006	1.97
141570b	<.001	.005	<.02	.01	<2	.241	.011	.15	8.82	<.01	<.01	<.001	<.01	<.01	2.62	.01	.176	25.17	.19	<.01	.06	<.01	.20	.005	.129	.006	-
141571	<.001	.014	<.02	.01	<2	.232	.012	.15	8.76	<.01	<.01	<.001	<.01	<.01	2.20	.01	.195	25.38	.22	.06	.08	<.01	.21	.014	.119	.006	3.15
141572	<.001	.008	<.02	.01	<2	.235	.013	.15	8.44	<.01	<.01	<.001	<.01	<.01	2.71	.01	.193	25.07	.27	.03	.08	<.01	.23	.008	.128	.006	2.90
RE 141572	<.001	.008	<.02	.01	<2	.238	.012	.15	8.39	<.01	<.01	<.001	<.01	<.01	2.69	.01	.184	24.93	.27	.03	.08	<.01	.22	.008	.128	.006	-
RRE 141572	<.001	.008	<.02	.01	<2	.232	.013	.15	8.39	<.01	<.01	<.001	<.01	<.01	2.67	.01	.191	25.01	.24	.05	.08	<.01	.23	.008	.129	.006	-
141573	<.001	.006	<.02	.01	<2	.232	.012	.14	8.15	<.01	<.01	<.001	<.01	<.01	2.90	<.01	.175	24.53	.20	.01	.05	<.01	.22	.007	.125	.006	3.25
141574	<.001	.006	<.02	.01	<2	.236	.012	.14	8.06	<.01	<.01	<.001	<.01	<.01	2.82	<.01	.348	24.73	.21	<.01	.07	<.01	.17	.006	.123	.006	2.96
141575(PULP)	<.001	.061	<.02	.01	<2	.249	.010	.11	8.78	<.01	<.01	<.001	<.01	<.01	4.70	.01	.738	14.28	3.56	.39	.16	<.01	.55	.059	.188	.008	-
141576	<.001	.006	<.02	.01	<2	.228	.011	.14	8.03	<.01	<.01	<.001	<.01	<.01	2.95	.01	.519	24.28	.22	.03	.03	<.01	.22	.006	.120	.006	3.03
141577	<.001	.029	<.02	.01	<2	.224	.011	.13	7.69	<.01	<.01	<.001	<.01	<.01	2.30	.01	.364	24.15	.18	.05	.04	<.01	.32	.011	.155	.007	2.75
141578	<.001	.011	<.02	.01	<2	.276	.012	.15	8.51	<.01	<.01	<.001	<.01	<.01	2.74	<.01	.417	24.83	.21	.03	.03	<.01	.31	.012	.175	.007	3.16
141579	<.001	.012	<.02	.01	<2	.269	.012	.15	8.34	<.01	<.01	<.001	<.01	<.01	2.93	.01	.209	24.78	.18	.07	.04	<.01	.35	.012	.168	.007	2.87
141580	<.001	.026	<.02	.01	<2	.257	.013	.15	9.13	<.01	<.01	<.001	<.01	<.01	2.50	.01	.273	24.90	.19	<.01	.07	<.01	.56	.013	.167	.007	.91
141581	<.001	.098	<.02	.01	<2	.333	.015	.14	9.75	<.01	<.01	<.001	<.01	<.01	1.81	.01	.250	24.20	.20	.05	.08	<.01	.71	.043	.248	.010	3.11
141582	<.001	.017	<.02	.01	<2	.255	.013	.16	9.16	<.01	<.01	<.001	<.01	<.01	2.01	.01	.232	25.81	.15	.07	.06	<.01	.36	.009	.141	.006	3.01
141583	<.001	.021	<.02	.01	<2	.309	.016	.17	9.76	<.01	<.01	<.001	<.01	<.01	2.14	.01	.234	26.51	.20	<.01	.05	<.01	.46	.008	.187	.008	3.00
141584	<.001	.028	<.02	.01	<2	.293	.014	.15	8.81	<.01	<.01	<.001	<.01	<.01	1.94	.01	.172	25.34	.19	.02	.08	<.01	.56	.007	.196	.009	2.52
141585	<.001	.103	<.02	.01	<2	.293	.014	.14	9.19	<.01	<.01	<.001	<.01	<.01	1.54	.01	.283	25.08	.21	<.01	.07	<.01	.67	.028	.202	.009	3.51
141586	<.001	.013	<.02	.01	<2	.257	.013	.16	9.20	<.01	<.01	<.001	<.01	<.01	1.73	.01	.162	27.02	.16	.02	.04	<.01	.32	.013	.135	.006	3.40
STANDARD R-2a/CSB	.052	.572	1.61	4.26	171	.401	.046	.25	25.79	.24	.16	.030	.14	<.01	3.88	.08	.065	2.69	2.74	.53	.69	.09	5.40	.560	.327	.041	-

Sample type: CORE R150 60C. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.



SAMPLE#	Mo %	Cu %	Pb %	Zn %	Ag gm/mt	Ni %	Co %	Mn %	Fe %	As %	Sr %	Cd %	Sb %	Bi %	Ca %	P %	Cr %	Mg %	Al %	Na %	K %	W %	TOT/S %	Cu* %	Ni* %	Co* %	Sample kg
141587	<.001	.004	<.02	.01	<2	.272	.016	.17	9.13	<.01	<.01	<.001	<.01	<.01	1.34	.01	.165	27.08	.16	.02	.05	<.01	.29	.004	.139	.006	3.24
141588	<.001	.022	<.02	.01	<2	.289	.016	.17	9.59	<.01	<.01	<.001	<.01	<.01	1.13	.01	.257	26.62	.14	.02	.04	<.01	.31	.022	.155	.007	2.96
141589	<.001	.108	<.02	.01	<2	.299	.014	.13	8.88	<.01	<.01	<.001	<.01	<.01	.72	.01	.220	25.54	.16	<.01	.04	<.01	.53	.099	.211	.009	3.24
141590(ROCK)	<.001	.006	<.02	.01	<2	.002	.001	.11	4.61	<.01	.05	<.001	<.01	<.01	5.03	.05	.002	1.98	9.51	2.77	1.43	<.01	<.02	.005	.001	<.001	1.58
141591	<.001	.022	<.02	.01	<2	.304	.016	.18	9.27	<.01	<.01	<.001	<.01	<.01	.92	.01	.249	28.60	.20	.02	.07	<.01	.26	.021	.159	.007	1.83
141592	<.001	.043	<.02	.01	<2	.280	.015	.16	9.11	<.01	<.01	<.001	<.01	<.01	1.09	.01	.202	28.32	.14	.07	.01	<.01	.31	.039	.157	.007	2.84
141593	<.001	.040	<.02	.01	<2	.315	.016	.16	9.12	<.01	<.01	<.001	<.01	<.01	1.10	.01	.200	27.74	.15	.05	.03	<.01	.45	.037	.183	.007	2.90
141594	<.001	.035	<.02	.01	<2	.464	.023	.21	11.62	<.01	<.01	<.001	<.01	<.01	.75	.02	.246	33.74	.10	<.01	.07	<.01	.55	.028	.244	.008	3.37
141595	<.001	.040	<.02	.01	<2	.376	.018	.14	8.96	<.01	<.01	<.001	<.01	<.01	.91	.01	.178	27.08	.10	.05	.01	<.01	.75	.037	.277	.011	2.50
141596	<.001	.047	<.02	.01	<2	.281	.018	.15	9.27	<.01	<.01	<.001	<.01	<.01	.44	.01	.177	27.78	.07	.02	<.01	<.01	.57	.045	.200	.010	2.95
141597	<.001	.048	<.02	<.01	<2	.304	.017	.13	8.98	<.01	<.01	<.001	<.01	<.01	.63	.01	.163	26.80	.09	.02	.03	<.01	.52	.044	.235	.012	2.61
141598	<.001	.027	<.02	.01	<2	.260	.015	.16	8.84	<.01	<.01	<.001	<.01	<.01	.69	.01	.206	28.83	.08	.02	.04	<.01	.29	.027	.125	.005	3.07
RE 141598	<.001	.028	<.02	.01	<2	.264	.017	.16	8.99	<.01	<.01	<.001	<.01	<.01	.68	.01	.230	29.24	.08	.02	.01	<.01	.30	.027	.126	.005	-
RRE 141598	<.001	.028	<.02	.01	<2	.261	.015	.16	9.02	<.01	<.01	<.001	<.01	<.01	.64	.01	.232	29.27	.10	.02	<.01	<.01	.29	.026	.127	.006	-
141599	<.001	.049	<.02	.01	2	.318	.018	.16	9.29	<.01	<.01	<.001	<.01	<.01	.71	.01	.205	29.30	.08	.07	.01	<.01	.48	.045	.180	.007	3.11
141600(PULP)	<.001	.064	<.02	.01	<2	.254	.011	.11	8.90	<.01	<.01	<.001	<.01	<.01	4.73	.01	.753	14.99	3.74	.29	.15	<.01	.55	.059	.193	.007	-
141601a	<.001	.019	<.02	.01	<2	.233	.015	.15	8.47	<.01	<.01	<.001	<.01	<.01	1.31	.01	.159	27.87	.09	.02	<.01	<.01	.31	.018	.117	.005	-
141601b	<.001	.018	<.02	.01	<2	.241	.015	.15	8.49	<.01	<.01	<.001	<.01	<.01	1.41	.02	.147	27.89	.10	.05	.04	<.01	.31	.017	.118	.006	2.77
141602	<.001	.020	<.02	.01	<2	.311	.020	.16	9.50	<.01	<.01	<.001	<.01	<.01	.65	.01	.185	28.86	.08	.05	<.01	<.01	.64	.019	.193	.009	2.84
141603	<.001	.018	<.02	.01	<2	.267	.017	.17	9.97	<.01	<.01	<.001	<.01	<.01	1.87	.01	.280	28.43	.11	.02	.04	<.01	.49	.017	.146	.006	2.54
141604	<.001	.025	<.02	.01	<2	.239	.013	.15	8.76	<.01	<.01	<.001	<.01	<.01	3.13	.01	.216	26.41	.14	.05	.01	<.01	.28	.023	.117	.005	2.93
141605	<.001	.035	<.02	.01	<2	.284	.021	.16	10.91	<.01	<.01	<.001	<.01	<.01	2.61	.01	.217	26.72	.11	.02	.01	<.01	1.12	.033	.201	.011	3.07
141606	<.001	.038	<.02	.01	<2	.294	.019	.15	10.42	<.01	<.01	<.001	<.01	<.01	2.10	.01	.248	26.89	.15	<.01	<.01	<.01	.91	.038	.213	.010	2.52
141607	<.001	.020	<.02	.01	<2	.272	.014	.14	7.90	<.01	<.01	<.001	<.01	<.01	1.30	.01	.306	29.16	.11	.02	.02	<.01	.20	.018	.099	.005	3.10
141608	<.001	.020	<.02	.01	<2	.299	.018	.14	8.54	<.01	<.01	<.001	<.01	.01	1.19	.01	.212	29.55	.08	.02	.01	<.01	.33	.018	.148	.006	3.21
141609	<.001	.017	<.02	.01	<2	.278	.013	.13	7.81	<.01	<.01	<.001	<.01	<.01	1.56	<.01	.146	27.79	.07	<.01	<.01	<.01	.19	.017	.107	.005	3.26
141610	<.001	.006	<.02	.01	<2	.268	.014	.14	7.84	<.01	<.01	<.001	<.01	<.01	1.27	.01	.216	28.80	.09	<.01	<.01	<.01	.10	.005	.074	.003	1.96
STANDARD R-2a/CSB	.054	.575	1.67	4.27	167	.399	.049	.26	25.59	.26	.17	.032	.15	<.01	3.85	.09	.062	2.76	2.82	.63	.74	.09	5.32	.527	.319	.039	-

Sample type: CORE R150 60C. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.



ASSAY CERTIFICATE



Hard Creek Nickel Corporation PROJECT TUR-C04-38 File # A404668

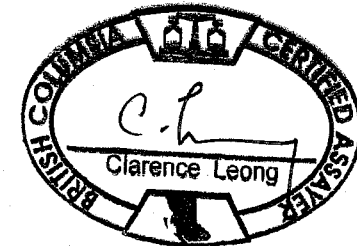
1060 - 1090 W. Georgia St, Vancouver BC V6E 3V7

SAMPLE#	Mo %	Cu %	Pb %	Zn %	Ag gm/mt	Ni %	Co %	Mn %	Fe %	As %	Sr %	Cd %	Sb %	Bi %	Ca %	P %	Cr %	Mg %	Al %	Na %	K %	W %	TOT/S %	Cu* %	Ni* %	Co* %	Sample kg
SI	<.001	<.001	<.02	<.01	<2	.001	<.001	<.01	.18	<.01	.02	<.001	<.01	<.01	8.29	.01	.001	.10	.96	10.62	.29	<.01	-	<.001	<.001	<.001	-
141760	<.001	.001	<.02	.01	<2	.389	.014	.11	6.68	<.01	<.01	<.001	<.01	<.01	.24	.01	.371	30.79	.07	<.01	<.01	<.01	.06	.001	.154	.005	2.41
141765	<.001	<.001	<.02	<.01	<2	.304	.012	.09	5.49	<.01	<.01	<.001	<.01	<.01	.09	.01	.221	30.49	.05	<.01	.01	<.01	.05	.001	.143	.004	1.31
141770(ROCK)	<.001	.006	<.02	.01	<2	.003	.001	.11	4.68	<.01	.05	<.001	<.01	<.01	4.49	.05	.002	2.05	8.98	2.57	1.33	<.01	.02	.005	.003	<.001	2.51
141780	<.001	<.001	<.02	<.01	<2	.307	.012	.09	5.58	<.01	<.01	<.001	<.01	<.01	.11	.01	.232	30.51	.09	<.01	<.01	<.01	.03	.001	.139	.004	1.17
141785	<.001	.001	<.02	<.01	<2	.263	.012	.09	6.76	<.01	<.01	<.001	<.01	<.01	.68	.01	.219	27.27	.72	<.01	<.01	<.01	.08	.002	.159	.004	1.93
141790	<.001	<.001	<.02	<.01	<2	.286	.013	.11	6.26	<.01	<.01	<.001	<.01	<.01	.08	.01	.336	30.47	.08	.03	.01	<.01	.02	<.001	.064	.004	2.52
RE 141790	<.001	<.001	<.02	<.01	<2	.299	.014	.11	6.48	<.01	<.01	<.001	<.01	<.01	.08	.01	.339	31.62	.07	.03	<.01	<.01	.02	<.001	.064	.004	-
RRE 141790	<.001	<.001	<.02	<.01	<2	.296	.013	.11	6.39	<.01	<.01	<.001	<.01	<.01	.09	.01	.339	31.36	.08	.03	<.01	<.01	.03	<.001	.062	.004	-
141795	<.001	<.001	<.02	<.01	<2	.308	.013	.11	6.36	<.01	<.01	<.001	<.01	<.01	.10	.01	.425	31.28	.08	<.01	<.01	<.01	.03	<.001	.065	.004	2.76
141800(PULP)	<.001	.063	<.02	.02	<2	.253	.011	.12	9.72	<.01	<.01	<.001	<.01	<.01	4.71	.01	1.015	15.22	3.98	.36	.17	<.01	.42	.058	.180	.007	-
141805	<.001	<.001	<.02	<.01	<2	.314	.013	.11	6.47	<.01	<.01	<.001	<.01	<.01	.12	.01	.445	30.81	.06	.06	.02	<.01	<.02	.001	.074	.005	1.29
141810	<.001	<.001	<.02	.01	<2	.325	.014	.11	6.66	<.01	<.01	<.001	<.01	<.01	.11	.01	.457	31.70	.05	<.01	.04	<.01	<.02	.001	.077	.005	1.20
141815	<.001	.001	<.02	<.01	<2	.310	.013	.11	6.57	<.01	<.01	<.001	<.01	<.01	.15	.01	.559	31.47	.06	.03	<.01	<.01	<.02	.001	.062	.004	2.60
141820	<.001	.001	<.02	<.01	<2	.321	.013	.10	5.85	<.01	<.01	<.001	<.01	<.01	.09	.01	.403	30.79	.06	<.01	<.01	<.01	.03	.001	.106	.005	2.29
STANDARD R-2a/CSB	.052	.573	1.66	4.32	172	.397	.047	.26	25.68	.24	.15	.031	.15	<.01	3.84	.09	.064	2.78	2.75	.53	.72	.09	5.34	.489	.318	.041	-

GROUP 7TD - 0.500 GM SAMPLE, 4 ACID (HF-HClO4-HNO3-HCL) DIGESTION TO 100 ML, ANALYSIS BY ICP-ES.
TOTAL S GROUP 2A BY LECO. CU* NI* & CO* - LEACHED WITH H2O2 + NH4 CITRATE.
- SAMPLE TYPE: CORE R150 60C Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

Data d FA _____

DATE RECEIVED: AUG 18 2004 DATE REPORT MAILED: Sept. 7/04





ASSAY CERTIFICATE



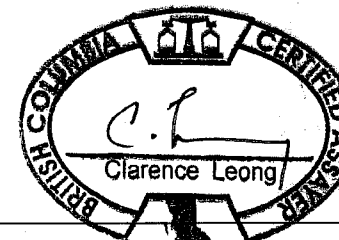
Hard Creek Nickel Corporation PROJECT TURC04-39 File # A404846 Page 1
1060 - 1090 W. Georgia St, Vancouver BC V6E 3V7

SAMPLE#	Mo %	Cu %	Pb %	Zn %	Ag gm/mt	Ni %	Co %	Mn %	Fe %	As %	Sr %	Cd %	Sb %	Bi %	Ca %	P %	Cr %	Mg %	Al %	Na %	K %	W TOT/S %	Cu* %	Ni* %	Co* %	Sample kg	
SI	<.001	<.001	<.02	<.01	<2	<.001	<.001	<.01	.07	<.01	.02	<.001	<.01	<.01	8.42	.01	<.001	.10	.89	10.36	.24	<.01	-	<.001	<.001	<.001	-
141896	<.001	.004	<.02	.01	<2	.143	.008	.14	6.82	<.01	<.01	<.001	<.01	<.01	3.74	.02	.168	20.91	1.30	.26	.28	<.01	.23	.004	.091	.005	3.61
141897	.001	.016	<.02	.01	<2	.210	.013	.13	8.96	<.01	<.01	<.001	<.01	<.01	2.63	.01	.158	20.29	1.45	.18	.26	<.01	1.67	.015	.168	.010	1.06
141898	<.001	.014	<.02	.01	<2	.013	.007	.19	14.56	<.01	.02	<.001	<.01	<.01	8.87	.15	.009	6.93	5.20	1.22	1.51	<.01	1.15	.013	.010	.003	1.00
141899	.002	.022	<.02	.01	<2	.062	.011	.15	12.48	<.01	.01	<.001	<.01	<.01	7.00	.02	.091	11.10	2.94	.66	.40	<.01	4.39	.022	.055	.010	2.15
141900(PULP)	<.001	.965	<.02	.02	<2	1.235	.038	.12	20.58	<.01	.02	<.001	<.01	<.01	3.62	.06	.028	2.89	5.38	1.45	.86	<.01	9.54	.972	1.225	.038	-
141901 a	<.001	.012	<.02	.01	<2	.027	.006	.17	9.62	<.01	.02	<.001	<.01	<.01	8.56	.03	.108	11.56	3.28	.86	.45	<.01	1.86	.012	.023	.004	2.23
141901 b	.001	.012	<.02	.01	<2	.028	.006	.17	9.58	<.01	.02	<.001	<.01	<.01	8.43	.03	.094	11.33	3.29	.90	.46	<.01	1.81	.012	.024	.004	-
141902	.002	.026	<.02	.01	<2	.038	.009	.19	13.70	<.01	<.01	<.001	<.01	<.01	5.79	.01	.125	12.79	.98	.20	.12	<.01	4.77	.027	.032	.007	1.49
141903	.001	.008	<.02	.01	<2	.053	.007	.17	9.84	<.01	.01	<.001	<.01	<.01	8.08	.01	.142	13.92	2.38	.57	.33	<.01	2.28	.008	.034	.005	2.40
141904	<.001	.003	<.02	.01	<2	.116	.008	.14	7.57	<.01	.01	<.001	<.01	<.01	5.03	.01	.101	17.43	2.33	.40	.52	<.01	.57	.004	.067	.004	2.82
141905	<.001	.006	<.02	.01	<2	.101	.008	.15	7.50	<.01	<.01	<.001	<.01	<.01	6.53	<.01	.142	15.38	1.75	.24	.53	<.01	1.16	.006	.070	.006	1.55
141906	<.001	.004	<.02	.01	<2	.139	.008	.16	7.50	<.01	.01	<.001	<.01	<.01	4.25	.02	.113	17.69	1.78	.31	.61	<.01	.38	.005	.088	.005	2.41
141907	<.001	.004	<.02	.01	<2	.143	.008	.15	7.21	<.01	<.01	<.001	<.01	<.01	3.70	.01	.142	18.54	1.54	.18	.44	<.01	.31	.004	.085	.005	1.61
141908	<.001	.010	<.02	.01	<2	.122	.010	.19	8.52	<.01	<.01	<.001	<.01	<.01	4.84	.01	.135	16.94	.99	.21	.16	<.01	.85	.011	.090	.007	1.91
141909	<.001	.012	<.02	.01	3	.036	.006	.20	8.74	<.01	.04	<.001	<.01	<.01	7.49	.08	.079	9.08	4.83	1.51	1.06	<.01	.30	.011	.026	.002	.64
RE 141909	<.001	.011	<.02	.01	<2	.034	.006	.20	8.63	<.01	.04	<.001	<.01	<.01	7.41	.07	.076	9.02	4.82	1.48	1.03	<.01	.30	.011	.026	.002	-
RRE 141909	<.001	.011	<.02	.01	<2	.033	.005	.19	8.59	<.01	.04	<.001	<.01	<.01	7.40	.08	.074	8.85	4.86	1.44	1.04	<.01	.27	.010	.025	.002	-
141910	<.001	.009	<.02	.01	4	.080	.008	.21	8.46	<.01	.01	<.001	<.01	<.01	5.55	.02	.132	14.83	1.73	.55	.33	<.01	.52	.009	.056	.004	3.18
141911	<.001	.009	<.02	.01	<2	.093	.008	.22	8.46	<.01	<.01	<.001	<.01	<.01	4.29	.01	.195	16.93	1.07	.25	.10	<.01	.64	.009	.065	.005	3.16
141912	<.001	.015	<.02	.01	<2	.061	.008	.22	8.57	<.01	.02	<.001	<.01	<.01	5.52	.04	.150	14.38	2.22	.62	.50	<.01	.72	.014	.043	.005	3.16
141913	<.001	.011	<.02	.01	3	.114	.009	.18	7.71	<.01	.01	<.001	<.01	<.01	4.58	.02	.176	16.70	1.06	.26	.20	<.01	.83	.012	.088	.006	2.96
141914	<.001	.009	<.02	<.01	<2	.155	.008	.16	7.00	<.01	.01	<.001	<.01	<.01	3.99	.02	.138	17.92	1.15	.39	.18	<.01	.77	.010	.121	.006	1.07
141915	<.001	.004	<.02	.01	2	.030	.005	.20	8.68	<.01	.05	<.001	<.01	<.01	7.56	.11	.041	7.38	5.59	2.26	1.25	<.01	.05	.005	.020	.001	1.54
141916	<.001	.013	<.02	.01	<2	.098	.007	.17	8.07	<.01	<.01	<.001	<.01	<.01	5.29	.01	.142	16.32	.85	.30	.08	<.01	1.26	.013	.079	.006	1.81
141917	<.001	.006	<.02	.01	<2	.123	.009	.16	8.31	<.01	.01	<.001	<.01	<.01	4.66	.01	.137	18.69	.51	.24	.09	<.01	.67	.006	.100	.007	3.12
141918	<.001	.009	<.02	.01	3	.131	.009	.16	8.38	<.01	<.01	<.001	<.01	<.01	3.94	<.01	.121	17.66	.55	.14	.03	<.01	1.23	.010	.102	.007	2.24
141919	<.001	.005	<.02	.01	<2	.144	.009	.17	7.77	<.01	<.01	<.001	<.01	<.01	4.08	.01	.101	19.49	.55	.31	.05	<.01	.51	.005	.113	.007	1.51
141920(ROCK)	<.001	.004	<.02	<.01	<2	.001	.001	.11	4.31	<.01	.05	<.001	<.01	<.01	4.70	.05	.001	1.87	8.34	2.52	1.30	<.01	<.02	.005	<.001	<.001	1.89
141921	<.001	.006	<.02	.01	2	.156	.007	.16	7.35	<.01	.01	<.001	<.01	<.01	3.77	.01	.119	18.57	.63	.27	.14	<.01	.64	.006	.114	.006	2.91
141922	<.001	.003	<.02	.01	<2	.175	.006	.17	7.69	<.01	<.01	<.001	<.01	<.01	2.34	.01	.115	19.86	.62	.35	.23	<.01	.31	.005	.109	.004	2.69
141923	<.001	.013	<.02	.01	2	.006	.004	.19	9.25	<.01	.08	<.001	<.01	<.01	7.78	.16	.011	5.00	7.59	2.28	2.74	<.01	.04	.014	.002	<.001	.62
141924	.001	.024	<.02	.01	<2	.086	.010	.16	9.27	<.01	<.01	<.001	<.01	<.01	7.49	<.01	.149	15.60	.73	.42	.13	<.01	2.41	.022	.068	.009	2.52
141925(PULP)	<.001	.061	<.02	.01	3	.237	.010	.12	8.83	<.01	<.01	<.001	<.01	<.01	4.72	.02	.918	15.01	3.77	.46	.15	<.01	.50	.058	.193	.007	-
141926	.001	.012	<.02	.01	<2	.082	.007	.18	8.46	<.01	<.01	<.001	<.01	<.01	5.29	.01	.125	15.97	.89	.49	.17	<.01	1.45	.012	.065	.007	1.33
141927	<.001	.010	<.02	.01	<2	.202	.010	.14	7.97	<.01	<.01	<.001	<.01	<.01	2.82	.01	.137	21.24	.39	.16	<.01	<.01	.83	.011	.156	.007	2.22
STANDARD R-2a/CSB	.053	.581	1.65	4.35	168	.392	.046	.26	25.16	.24	.16	.030	.14	<.01	3.88	.09	.064	2.81	2.77	.59	.71	.08	5.34	.507	.314	.038	-

GROUP 7TD - 0.500 GM SAMPLE, 4 ACID (HF-HClO4-HNO3-HCl) DIGESTION TO 100 ML, ANALYSIS BY ICP-ES.
TOTAL S GROUP 2A BY LECO. CU* NI* & CO* - LEACHED WITH H2O2 + NH4 CITRATE.
- SAMPLE TYPE: CORE R150 60C Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

Data FA

DATE RECEIVED: AUG 24 2004 DATE REPORT MAILED: Sept 14/04





SAMPLE#	Mo %	Cu %	Pb %	Zn %	Ag gm/mt	Ni %	Co %	Mn %	Fe %	As %	Sr %	Cd %	Sb %	Bi %	Ca %	P %	Cr %	Mg %	Al %	Na %	K %	W %	TOT/S %	Cu* %	Ni* %	Co* %	Sample kg
141928	<.001	.005	<.02	.01	<2	.189	.008	.15	6.87	<.01	<.01	<.001	<.01	<.01	3.12	<.01	.148	19.46	.72	.28	.16	<.01	.21	.005	.142	.005	1.86
141929	<.001	.002	<.02	.01	3	.162	.008	.15	7.05	<.01	<.01	<.001	<.01	<.01	2.29	<.01	.165	20.62	.49	.18	.08	<.01	.21	.002	.115	.005	1.42
141930 a	<.001	.005	<.02	.01	<2	.146	.006	.17	7.73	<.01	<.01	<.001	<.01	<.01	1.98	.01	.128	19.12	.67	.32	.17	<.01	.52	.005	.098	.005	2.49
141930 b	<.001	.004	<.02	.01	<2	.146	.006	.16	7.61	<.01	<.01	<.001	<.01	<.01	1.91	.01	.132	19.06	.62	.28	.15	<.01	.52	.005	.095	.005	-
141931	<.001	.006	<.02	.01	<2	.135	.007	.17	7.96	<.01	<.01	<.001	<.01	<.01	2.31	<.01	.126	18.84	.62	.32	.10	<.01	.58	.006	.089	.005	3.07
141932	<.001	.006	<.02	.01	2	.140	.007	.17	7.76	<.01	.01	<.001	<.01	<.01	2.54	.02	.130	18.10	1.18	.43	.52	<.01	.60	.006	.096	.005	2.70
141933	.002	.020	<.02	.01	3	.082	.011	.16	9.78	<.01	.01	<.001	<.01	<.01	6.96	<.01	.160	13.53	1.05	.43	.34	<.01	2.65	.022	.076	.010	3.37
141934	.002	.020	<.02	.01	3	.068	.009	.18	10.32	<.01	<.01	<.001	<.01	<.01	5.94	<.01	.230	15.03	.64	.46	.09	<.01	2.84	.020	.060	.009	2.80
141935	.002	.040	<.02	.01	4	.064	.010	.20	10.98	<.01	<.01	<.001	<.01	<.01	6.88	.01	.120	14.54	.64	.28	.22	<.01	3.18	.041	.055	.009	1.35
141936	<.001	.005	<.02	.01	<2	.113	.005	.19	7.74	<.01	<.01	<.001	<.01	<.01	4.82	.01	.142	17.52	.64	.31	.19	<.01	.74	.005	.085	.004	2.79
141937	.001	.012	<.02	.01	<2	.081	.008	.18	8.91	<.01	.01	<.001	<.01	<.01	5.29	<.01	.163	16.06	.80	.43	.22	<.01	1.49	.013	.068	.007	2.50
141938	<.001	.016	<.02	.01	3	.046	.005	.18	7.65	<.01	.08	<.001	<.01	<.01	5.82	.11	.037	5.86	7.16	2.94	1.75	<.01	.28	.016	.031	.003	1.65
141939	<.001	.012	<.02	.01	<2	.074	.006	.18	8.28	<.01	.03	<.001	<.01	<.01	7.59	.05	.115	11.67	3.51	.89	.74	<.01	.74	.013	.045	.004	.81
141940	<.001	.003	<.02	.02	<2	.101	.007	.19	8.12	<.01	<.01	<.001	<.01	<.01	3.05	<.01	.155	18.29	.71	.24	.12	<.01	.43	.004	.065	.003	2.61
141941	<.001	.004	<.02	.01	3	.084	.006	.16	7.06	<.01	<.01	<.001	<.01	<.01	5.36	<.01	.187	17.81	1.05	.24	.18	<.01	.43	.004	.059	.004	2.37
141942	<.001	.004	<.02	.01	3	.141	.009	.16	7.66	<.01	<.01	<.001	<.01	<.01	2.44	.01	.157	20.26	.96	.17	.26	<.01	.65	.005	.098	.006	2.94
141943	<.001	.002	<.02	.01	<2	.173	.008	.15	7.00	<.01	<.01	<.001	<.01	<.01	1.17	<.01	.123	20.34	1.00	.13	.27	<.01	.25	.002	.114	.005	2.98
141944	<.001	.004	<.02	.01	3	.161	.008	.19	8.16	<.01	<.01	<.001	<.01	<.01	1.00	<.01	.132	20.14	.68	.05	.07	<.01	.65	.005	.115	.005	3.02
RE 141944	<.001	.004	<.02	.02	4	.163	.008	.19	8.18	<.01	<.01	<.001	<.01	<.01	1.00	.01	.129	20.12	.67	.13	.07	<.01	.67	.005	.116	.005	-
RRE 141944	<.001	.004	<.02	.01	<2	.163	.007	.19	8.05	<.01	<.01	<.001	<.01	<.01	1.00	<.01	.130	19.92	.66	.23	.07	<.01	.64	.005	.118	.004	-
141945	.004	.013	<.02	.02	3	.125	.011	.20	11.68	<.01	<.01	<.001	<.01	<.01	1.39	.01	.132	17.74	.61	.13	.13	<.01	3.22	.015	.098	.009	2.89
141946	.003	.023	<.02	.02	5	.167	.012	.17	10.77	<.01	<.01	<.001	<.01	<.01	1.89	.01	.105	18.30	.65	.16	.11	<.01	3.17	.024	.130	.011	2.95
141947	.001	.004	<.02	.02	3	.135	.007	.18	8.17	<.01	<.01	<.001	<.01	<.01	2.41	.04	.175	18.19	.93	.16	.24	<.01	1.25	.005	.095	.006	2.78
141948	<.001	.005	<.02	.02	3	.136	.008	.17	8.42	<.01	<.01	<.001	<.01	<.01	3.89	.02	.128	18.84	1.25	.27	.31	<.01	.84	.005	.103	.006	2.76
141949	.002	.006	<.02	.01	2	.110	.009	.16	8.89	<.01	<.01	<.001	<.01	<.01	3.79	<.01	.184	16.86	1.04	.23	.21	<.01	1.88	.007	.088	.008	2.80
141950(PULP)	<.001	.103	<.02	<.01	3	.349	.016	.05	9.72	<.01	<.01	<.001	<.01	<.01	3.50	.01	.387	16.27	2.75	.27	.09	<.01	1.11	.098	.281	.013	-
141951(ROCK)	<.001	.005	<.02	<.01	<2	.001	.001	.11	4.53	<.01	.05	<.001	<.01	<.01	4.73	.05	.002	1.88	8.30	2.48	1.22	<.01	<.02	.005	<.001	<.001	2.58
141952	<.001	.002	<.02	.01	<2	.135	.008	.14	7.73	<.01	<.01	<.001	<.01	<.01	3.63	.01	.141	19.81	.75	.12	.17	<.01	.65	.003	.110	.006	1.01
141953	<.001	.006	<.02	.01	5	.110	.007	.15	8.09	<.01	.01	<.001	<.01	<.01	4.43	.02	.174	16.18	1.76	.48	.54	<.01	1.20	.006	.080	.006	1.22
141954	.001	.020	<.02	.01	3	.083	.008	.17	9.34	<.01	.01	<.001	<.01	<.01	6.85	<.01	.112	14.31	.99	.37	.11	<.01	2.42	.020	.073	.008	1.44
141955	.002	.023	<.02	.01	2	.045	.006	.17	9.62	<.01	<.01	<.001	<.01	<.01	10.04	<.01	.089	12.55	.78	.26	.07	<.01	3.37	.024	.046	.007	2.36
141956	.003	.026	<.02	.01	4	.085	.012	.16	14.16	<.01	<.01	<.001	<.01	<.01	7.96	.01	.113	12.29	.72	.26	.10	<.01	5.83	.028	.087	.012	2.42
141957	<.001	.005	<.02	.01	3	.031	.006	.19	11.78	<.01	.03	<.001	<.01	<.01	7.61	.12	.055	7.63	5.72	1.69	1.40	<.01	.87	.005	.018	.002	.78
141958	.005	.028	<.02	.01	7	.100	.011	.15	13.65	<.01	<.01	<.001	<.01	<.01	5.12	.01	.149	13.30	.87	.37	.27	<.01	5.76	.029	.091	.011	3.34
141959	.002	.009	<.02	.01	3	.130	.009	.16	9.17	<.01	<.01	<.001	<.01	<.01	4.48	.01	.129	16.38	.76	.34	.13	<.01	2.27	.010	.103	.007	1.71
STANDARD R-2a/CSB	.053	.579	1.66	4.35	174	.388	.048	.26	25.59	.24	.15	.030	.14	<.01	3.95	.09	.062	2.88	2.70	.64	.68	.08	5.29	.521	.324	.041	-

Sample type: CORE R150 60C. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.



SAMPLE#	Mo %	Cu %	Pb %	Zn %	Ag gm/mt	Ni %	Co %	Mn %	Fe %	As %	Sr %	Cd %	Sb %	Bi %	Ca %	P %	Cr %	Mg %	Al %	Na %	K %	W %	TOT/S %	Cu* %	Ni* %	Co* %	Sample kg
141960 a	.001	.010	<.02	.01	<2	.122	.008	.17	10.11	<.01	<.01	<.001	<.01	<.01	3.65	<.01	.156	16.94	.77	.30	.16	<.01	2.78	.010	.098	.007	1.21
141960 b	.002	.009	<.02	.01	<2	.119	.009	.16	10.02	<.01	<.01	<.001	<.01	<.01	3.46	<.01	.158	16.31	.74	.30	.15	<.01	2.90	.009	.093	.007	-
141961	.001	.011	<.02	.01	<2	.129	.006	.18	8.57	<.01	<.01	<.001	<.01	<.01	2.36	.01	.126	18.39	.65	.23	.13	<.01	1.55	.011	.089	.005	4.09
141962	<.001	.003	<.02	.01	<2	.122	.005	.18	7.58	<.01	<.01	<.001	<.01	<.01	2.14	<.01	.148	19.19	.62	.16	.13	<.01	.66	.003	.087	.004	1.67
141963	.003	.026	<.02	.02	<2	.146	.012	.19	11.73	<.01	<.01	<.001	<.01	<.01	4.37	<.01	.199	18.51	.54	.30	.03	<.01	3.14	.022	.108	.009	2.06
141964	.003	.021	<.02	.02	<2	.113	.010	.19	10.40	<.01	<.01	<.001	<.01	<.01	5.04	<.01	.213	14.91	.64	.26	.25	<.01	3.27	.021	.096	.008	1.29
141965	.007	.072	<.02	.02	<2	.151	.017	.17	15.89	<.01	<.01	<.001	<.01	<.01	6.47	.01	.201	11.27	.31	.57	.06	<.01	6.54	.070	.142	.016	1.52
141966	.001	.014	<.02	.02	<2	.132	.010	.18	9.05	<.01	<.01	<.001	<.01	<.01	3.52	<.01	.149	18.65	.50	.33	.14	<.01	2.09	.013	.110	.008	1.78
141967	.001	.013	<.02	.01	<2	.125	.007	.19	8.13	<.01	<.01	<.001	<.01	.01	4.81	.01	.139	17.72	.50	.09	.05	<.01	1.35	.013	.103	.006	2.23
141968	<.001	.014	<.02	<.01	<2	.158	.009	.06	9.85	<.01	<.01	<.001	<.01	<.01	.34	.01	.170	23.79	.18	<.01	.04	<.01	1.17	.014	.154	.009	1.67
141969	<.001	.009	<.02	.01	<2	.171	.009	.14	7.08	<.01	<.01	<.001	<.01	.01	1.80	.01	.111	20.95	.39	.02	.08	<.01	.67	.009	.140	.007	2.24
141970	<.001	.003	<.02	.01	<2	.186	.008	.14	6.24	<.01	<.01	<.001	<.01	<.01	2.33	.01	.102	21.21	.44	.05	.04	<.01	.29	.003	.139	.006	2.61
141971	<.001	.009	<.02	.01	<2	.137	.010	.16	8.37	<.01	<.01	<.001	<.01	.01	4.25	<.01	.152	18.30	.51	.09	.04	<.01	1.47	.009	.114	.008	2.54
141972	.001	.013	<.02	.01	<2	.097	.009	.16	9.03	<.01	<.01	<.001	<.01	.01	6.14	.01	.130	15.54	.60	.39	.11	<.01	2.23	.014	.085	.008	1.47
RE 141972	.001	.013	<.02	.01	<2	.095	.009	.16	8.97	<.01	<.01	<.001	<.01	<.01	6.18	<.01	.132	15.70	.59	.39	.12	<.01	2.11	.013	.087	.008	-
RRE 141972	.001	.013	<.02	.01	<2	.094	.010	.16	8.71	<.01	<.01	<.001	<.01	.01	6.12	.01	.122	15.57	.60	.36	.14	<.01	2.14	.014	.084	.008	-
141973	<.001	.010	<.02	.01	<2	.097	.006	.16	6.72	<.01	<.01	<.001	<.01	.01	5.61	.01	.141	16.32	.76	.36	.18	<.01	1.15	.010	.081	.005	2.19
141974	<.001	.016	<.02	.01	<2	.009	.004	.20	11.05	<.01	.07	<.001	<.01	<.01	7.89	.12	.020	5.72	6.95	2.02	1.45	<.01	.26	.017	.004	.002	2.51
141975(PULP)	<.001	.105	<.02	<.01	<2	.354	.017	.05	9.87	<.01	<.01	<.001	<.01	.01	3.54	.01	.367	16.25	2.75	.22	.13	<.01	1.01	.101	.274	.012	-
141976	<.001	.008	<.02	.01	<2	.070	.005	.16	6.42	<.01	.07	<.001	<.01	<.01	5.76	.08	.074	8.96	5.65	2.39	1.77	<.01	.53	.008	.050	.003	1.72
141977	.001	.017	<.02	.01	<2	.098	.010	.15	8.57	<.01	.01	<.001	<.01	<.01	7.14	.02	.142	13.34	1.83	.42	1.11	<.01	1.97	.018	.082	.008	2.63
141978	.003	.043	<.02	.01	<2	.219	.021	.15	12.99	<.01	<.01	<.001	<.01	<.01	6.57	.01	.133	14.27	.34	.29	.12	<.01	4.78	.044	.218	.020	2.51
141979	.002	.021	<.02	.01	<2	.136	.012	.16	10.11	<.01	<.01	<.001	<.01	<.01	4.26	.01	.137	17.28	.32	.22	.09	<.01	2.34	.021	.127	.011	2.96
141980(ROCK)	<.001	.005	<.02	.01	<2	.003	.001	.11	4.72	<.01	.05	<.001	<.01	<.01	4.86	.05	.003	2.06	8.63	2.46	1.26	<.01	<.02	.005	.001	<.001	2.27
141981	<.001	.010	<.02	.01	<2	.126	.007	.16	7.95	<.01	<.01	<.001	<.01	<.01	3.30	.01	.122	18.84	.33	.11	.02	<.01	.86	.010	.105	.006	3.14
141982	.002	.032	<.02	.01	<2	.216	.018	.15	10.72	<.01	<.01	<.001	<.01	<.01	4.53	<.01	.142	16.99	.28	.01	.05	<.01	2.96	.034	.223	.017	2.94
141983	.001	.025	<.02	.01	<2	.199	.017	.15	10.20	<.01	<.01	<.001	<.01	<.01	4.22	.01	.140	17.21	.31	.18	.02	<.01	2.63	.025	.187	.015	2.94
141984	.002	.017	<.02	.01	<2	.189	.014	.15	10.05	<.01	<.01	<.001	<.01	<.01	2.46	<.01	.184	18.41	.31	.11	.03	<.01	2.50	.017	.169	.012	2.99
141985	<.001	.005	<.02	.01	<2	.127	.006	.17	7.85	<.01	<.01	<.001	<.01	<.01	1.91	<.01	.115	20.85	.30	.08	.06	<.01	.62	.006	.092	.004	2.75
141986	.001	.014	<.02	.01	<2	.142	.010	.16	9.18	<.01	<.01	<.001	<.01	<.01	2.42	<.01	.128	19.75	.32	.11	.03	<.01	1.52	.015	.117	.008	2.96
141987	<.001	.011	<.02	.01	<2	.148	.008	.15	8.12	<.01	<.01	<.001	<.01	<.01	2.13	<.01	.125	20.35	.27	.11	<.01	<.01	.93	.011	.124	.007	1.59
141988	<.001	.009	<.02	.01	<2	.129	.007	.16	7.86	<.01	<.01	<.001	<.01	<.01	3.01	.01	.121	20.47	.24	.14	.07	<.01	.70	.009	.098	.006	1.69
141989	<.001	.009	<.02	.01	<2	.159	.010	.14	7.77	<.01	.04	<.001	<.01	<.01	1.77	.02	.128	21.63	.84	.04	.05	<.01	.92	.010	.143	.008	1.90
141990 a	.001	.009	<.02	.01	<2	.132	.009	.16	7.80	<.01	<.01	<.001	<.01	<.01	.74	.04	.123	22.58	.84	<.01	.01	<.01	1.06	.010	.114	.007	1.30
141990 b	<.001	.009	<.02	<.01	<2	.124	.009	.16	7.53	<.01	<.01	<.001	<.01	.01	.72	.03	.122	22.29	.87	<.01	.01	<.01	1.14	.010	.113	.007	-
STANDARD R-2a/CSB	.052	.580	1.66	4.35	167	.386	.047	.26	26.52	.24	.16	.030	.14	<.01	3.89	.08	.063	2.79	2.72	.46	.62	.08	5.30	.516	.311	.038	-

Sample type: CORE R150 60C. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.



SAMPLE#	Mo %	Cu %	Pb %	Zn %	Ag gm/mt	Ni %	Co %	Mn %	Fe %	As %	Sr %	Cd %	Sb %	Bi %	Ca %	P %	Cr %	Mg %	Al %	Na %	K %	W TOT/S %	Cu* %	Ni* %	Co* %	Sample kg	
141991	<.001	.023	<.02	.01	2	.173	.011	.08	7.74	<.01	<.01	<.001	<.01	<.01	.12	.01	.122	23.74	.15	.08	.05	<.01	1.55	.022	.162	.011	.66
STANDARD R-2a/CSB	.053	.574	1.62	4.31	168	.386	.047	.27	26.07	.25	.16	.031	.14	<.01	4.00	.09	.064	2.91	2.80	.46	.68	.09	5.30	.519	.317	.038	-

Sample type: CORE R150 60C.



ASSAY CERTIFICATE



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1060 - 1090 W. Georgia St, Vancouver BC V6E 3V7

SAMPLE#	Mo %	Cu %	Pb %	Zn %	Ag gm/mt	Ni %	Co %	Mn %	Fe %	As %	Sr %	Cd %	Sb %	Bi %	Ca %	P %	Cr %	Mg %	Al %	Na %	K %	W TOT/S %	Cu* %	Ni* %	Co* %	Sample kg	
SI	<.001	.001	<.02	<.01	<2	<.001	<.001	<.01	.09	<.01	.02	<.001	<.01	<.01	8.10	.01	.001	.18	.87	10.77	.16	<.01	-	<.001	<.001	<.001	-
141992	<.001	.008	<.02	.01	<2	.190	.011	.14	8.42	<.01	<.01	<.001	<.01	<.01	2.73	.01	.149	24.04	.23	.04	.03	<.01	.11	.005	.094	.006	2.94
141993	<.001	.010	<.02	.01	<2	.228	.013	.16	9.26	<.01	<.01	<.001	<.01	<.01	1.28	<.01	.284	26.28	.15	.03	<.01	<.01	.10	.007	.082	.005	3.11
141994	<.001	.007	<.02	.01	<2	.250	.013	.16	9.60	<.01	<.01	<.001	<.01	<.01	.62	.02	.255	26.71	.18	.03	.02	<.01	.10	.005	.109	.006	2.72
141995	<.001	.066	<.02	.01	<2	.375	.015	.15	9.63	<.01	<.01	<.001	<.01	<.01	.63	.01	.289	25.62	.31	.03	.05	<.01	.40	.055	.233	.009	2.95
141996	<.001	.049	<.02	.01	<2	.362	.016	.16	9.25	<.01	<.01	<.001	<.01	<.01	.46	.01	.201	26.68	.14	<.01	<.01	<.01	.32	.042	.208	.007	3.05
141997	<.001	.043	<.02	.01	<2	.424	.017	.15	9.45	<.01	<.01	<.001	<.01	<.01	1.46	.01	.201	25.31	.18	.03	.02	<.01	.43	.036	.254	.009	3.03
141998	<.001	.044	<.02	.01	<2	.310	.015	.15	9.01	<.01	<.01	<.001	<.01	<.01	.55	.01	.192	27.44	.15	<.01	.03	<.01	.19	.038	.121	.005	3.06
141999	<.001	.074	<.02	.01	<2	.367	.018	.15	9.40	<.01	<.01	<.001	<.01	<.01	.94	.01	.230	26.25	.20	.06	.03	<.01	.48	.064	.224	.009	3.37
142000(PULP)	<.001	.108	<.02	<.01	<2	.351	.016	.05	9.60	<.01	<.01	<.001	<.01	<.01	3.35	<.01	.458	15.23	2.84	.30	.03	<.01	1.05	.095	.261	.012	-
142001	<.001	.034	<.02	.01	<2	.268	.019	.16	9.90	<.01	<.01	<.001	<.01	<.01	.96	.01	.196	26.04	.18	.03	.01	<.01	.49	.029	.158	.009	3.12
142002	<.001	.025	<.02	.01	<2	.236	.015	.15	9.04	<.01	<.01	<.001	<.01	<.01	1.92	.01	.270	24.63	.25	<.01	.02	<.01	.27	.023	.133	.008	3.04
142003	<.001	.015	<.02	.01	<2	.256	.016	.15	9.87	<.01	<.01	<.001	<.01	<.01	2.17	.02	.182	24.96	.49	<.01	.03	<.01	.29	.012	.154	.008	2.58
142004	<.001	.010	<.02	.01	<2	.251	.013	.15	9.28	<.01	<.01	<.001	<.01	<.01	1.46	.01	.189	26.48	.26	<.01	.07	<.01	.15	.007	.107	.005	3.23
142005	<.001	.014	<.02	.01	<2	.244	.014	.15	8.82	<.01	<.01	<.001	<.01	<.01	1.19	.01	.184	26.09	.18	<.01	.06	<.01	.19	.011	.122	.006	2.85
142006	<.001	.028	<.02	.01	<2	.193	.019	.15	9.72	<.01	<.01	<.001	<.01	<.01	.89	.01	.180	26.38	.19	.03	<.01	<.01	.55	.023	.118	.010	3.34
RE 142006	<.001	.028	<.02	.01	<2	.191	.020	.15	9.85	<.01	<.01	<.001	<.01	<.01	.92	.01	.185	26.87	.18	<.01	.02	<.01	.53	.023	.117	.010	-
RRE 142006	<.001	.027	<.02	.01	<2	.190	.019	.15	9.74	<.01	<.01	<.001	<.01	<.01	.88	.01	.186	26.64	.17	.03	.04	<.01	.52	.023	.119	.010	-
142007	<.001	.024	<.02	.01	<2	.231	.017	.14	9.14	<.01	<.01	<.001	<.01	<.01	.85	.01	.319	26.31	.22	.03	.02	<.01	.46	.022	.137	.008	2.94
142008	<.001	.027	<.02	.01	<2	.263	.015	.15	9.31	<.01	<.01	<.001	<.01	<.01	.69	.01	.282	26.62	.20	.03	.05	<.01	.51	.024	.164	.008	2.90
142009	<.001	.013	<.02	.01	<2	.224	.013	.14	9.04	<.01	<.01	<.001	<.01	<.01	1.91	.02	.205	24.79	.55	<.01	.10	<.01	.26	.010	.120	.006	3.01
142010(ROCK)	<.001	.006	<.02	.01	<2	.003	.001	.10	4.44	<.01	.05	<.001	<.01	<.01	4.32	.05	.002	1.92	8.45	2.47	1.22	<.01	<.02	.004	.002	<.001	2.74
142011	<.001	.013	<.02	.01	<2	.214	.013	.15	8.69	<.01	<.01	<.001	<.01	<.01	2.71	.01	.248	23.86	.31	.02	.03	<.01	.27	.011	.118	.006	3.34
142012	<.001	.017	<.02	.01	<2	.184	.012	.16	9.48	<.01	<.01	<.001	<.01	<.01	4.98	.03	.136	20.31	1.18	.06	.16	<.01	.32	.014	.118	.006	3.37
142013	<.001	.012	<.02	.01	<2	.227	.013	.14	8.72	<.01	<.01	<.001	<.01	<.01	2.05	.01	.166	24.11	.54	.03	.10	<.01	.43	.010	.163	.009	3.25
142014	<.001	.029	<.02	.01	<2	.219	.011	.14	9.41	<.01	<.01	<.001	<.01	<.01	.89	.01	.218	25.01	.24	<.01	.05	<.01	.49	.026	.145	.008	3.22
142015	<.001	.021	<.02	.01	<2	.202	.016	.16	10.62	<.01	<.01	<.001	<.01	<.01	1.24	.01	.237	25.92	.15	<.01	.01	<.01	.71	.019	.131	.010	3.28
142016	<.001	.032	<.02	.01	<2	.261	.018	.16	10.88	<.01	<.01	<.001	<.01	<.01	.62	<.01	.242	25.81	.11	<.01	.04	<.01	1.05	.029	.201	.012	3.46
142017	<.001	.014	<.02	.01	<2	.246	.013	.15	9.53	<.01	<.01	<.001	<.01	<.01	.98	.01	.185	25.78	.15	.03	<.01	<.01	.48	.012	.147	.006	3.59
142018	<.001	.044	<.02	.01	<2	.303	.019	.16	11.45	<.01	<.01	<.001	<.01	<.01	.47	.01	.275	25.46	.13	<.01	.01	<.01	1.37	.039	.259	.014	3.38
142019	<.001	.038	<.02	.01	<2	.199	.015	.14	10.79	<.01	<.01	<.001	<.01	<.01	2.43	.01	.247	23.16	.21	<.01	.04	<.01	1.23	.034	.172	.011	3.52
142020a	<.001	.074	<.02	.01	<2	.198	.022	.15	12.71	<.01	<.01	<.001	<.01	<.01	2.10	.01	.264	22.77	.18	.03	.06	<.01	2.20	.065	.182	.018	3.34
142020b	<.001	.076	<.02	.01	<2	.197	.022	.15	12.91	<.01	<.01	<.001	<.01	<.01	2.14	.01	.261	22.94	.20	.03	<.01	<.01	2.27	.063	.182	.018	-
142021	<.001	.056	<.02	.01	<2	.252	.021	.16	12.33	<.01	<.01	<.001	<.01	<.01	1.08	.01	.236	24.76	.20	<.01	<.01	<.01	1.73	.048	.205	.016	3.50
142022	<.001	.020	<.02	.01	<2	.223	.013	.13	9.41	<.01	<.01	<.001	<.01	<.01	1.59	.01	.177	22.69	.29	.03	.07	<.01	.76	.019	.172	.009	3.69
142023	<.001	.017	<.02	.01	<2	.243	.014	.15	9.76	<.01	<.01	<.001	<.01	<.01	1.40	.01	.185	25.82	.16	<.01	.03	<.01	.56	.014	.140	.006	3.47
STANDARD R-2a/CSB	.050	.570	1.59	4.25	166	.385	.044	.24	25.08	.24	.14	.029	.14	<.01	3.71	.08	.058	2.71	2.71	.46	.66	.09	5.29	.547	.328	.041	-

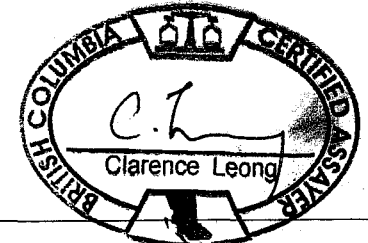
GROUP 7TD - 0.500 GM SAMPLE, 4 ACID (HF-HClO4-HNO3-HCl) DIGESTION TO 100 ML, ANALYSIS BY ICP-ES.
TOTAL S GROUP 2A BY LECO. CU* NI* & CO* - LEACHED WITH H2O2 + NH4 CITRATE.
- SAMPLE TYPE: CORE R150 60C Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

Data FA

DATE RECEIVED: SEP 3 2004

DATE REPORT MAILED:

Sept. 23/04





SAMPLE#	Mo %	Cu %	Pb %	Zn %	Ag gm/mt	Ni %	Co %	Mn %	Fe %	As %	Sr %	Cd %	Sb %	Bi %	Ca %	P %	Cr %	Mg %	Al %	Na %	K %	W %	TOT/S %	Cu* %	Ni* %	Co* %	Sample kg
142024	<.001	.016	<.02	.01	<2	.243	.012	.17	10.86	<.01	<.01	.001	<.01	<.01	1.56	<.01	.199	26.51	.28	.02	<.01	<.01	.70	.014	.142	.006	3.78
142025(PULP)	<.001	.063	<.02	.01	<2	.252	.011	.11	9.22	<.01	<.01	<.001	<.01	<.01	4.72	.01	.819	14.69	3.70	.33	.14	<.01	.52	.062	.188	.008	-
142026	<.001	.043	<.02	.01	<2	.178	.017	.17	12.75	<.01	<.01	<.001	<.01	<.01	2.74	<.01	.250	24.32	.21	.01	<.01	<.01	1.87	.042	.144	.013	2.26
142027	<.001	.072	<.02	.01	<2	.249	.022	.17	14.77	<.01	<.01	<.001	<.01	<.01	2.08	.01	.245	23.22	.27	.05	<.01	<.01	2.91	.069	.216	.019	3.37
142028	<.001	.021	<.02	.01	<2	.138	.013	.17	10.82	<.01	<.01	<.001	<.01	<.01	3.70	.01	.236	23.22	.30	.05	.01	<.01	.89	.020	.088	.008	3.17
142029	<.001	.022	<.02	.01	<2	.188	.013	.15	10.59	<.01	<.01	<.001	<.01	<.01	3.07	.01	.219	22.32	.44	.05	<.01	<.01	.98	.021	.144	.009	2.96
142030	<.001	.032	<.02	.01	<2	.152	.016	.18	11.91	<.01	<.01	<.001	<.01	<.01	2.71	.01	.227	23.09	.27	.01	.01	<.01	1.63	.031	.119	.011	3.10
142031	<.001	.023	<.02	.01	<2	.196	.017	.19	11.70	<.01	<.01	<.001	<.01	<.01	2.37	.01	.172	23.82	.22	<.01	.02	<.01	1.33	.023	.139	.011	3.53
142032	<.001	.011	<.02	.01	<2	.231	.014	.19	10.94	<.01	<.01	<.001	<.01	<.01	2.61	.01	.239	24.79	.22	.01	<.01	<.01	.83	.011	.156	.008	3.16
142033	<.001	.011	<.02	.01	<2	.237	.012	.18	10.69	<.01	<.01	<.001	<.01	<.01	2.74	.01	.238	24.26	.39	.01	<.01	<.01	.81	.011	.150	.008	3.37
142034	<.001	.013	<.02	.01	<2	.163	.010	.22	11.05	<.01	<.01	<.001	<.01	<.01	4.19	.01	.211	21.87	.22	.07	<.01	<.01	.99	.013	.117	.007	3.10
142035	.001	.038	<.02	.01	<2	.124	.015	.14	12.06	<.01	<.01	<.001	<.01	<.01	5.36	.01	.206	19.35	.32	.05	<.01	<.01	2.51	.037	.091	.013	2.91
RE 142035	.001	.038	<.02	.01	<2	.121	.014	.14	12.04	<.01	<.01	<.001	<.01	<.01	5.37	<.01	.212	19.35	.31	.04	<.01	<.01	2.48	.037	.088	.013	-
RRE 142035	.001	.038	<.02	.01	<2	.123	.014	.14	11.98	<.01	<.01	<.001	<.01	<.01	5.31	.01	.194	19.27	.33	.04	.05	<.01	2.38	.037	.093	.013	-
142036	<.001	.015	<.02	.01	<2	.148	.011	.15	9.78	<.01	<.01	<.001	<.01	<.01	4.90	<.01	.200	20.57	.30	.08	<.01	<.01	.82	.014	.115	.010	3.08
142037	<.001	.016	<.02	.01	<2	.127	.011	.15	9.85	<.01	<.01	<.001	<.01	<.01	5.60	.02	.191	18.97	.80	.04	<.01	<.01	.69	.014	.099	.009	2.86
142038	<.001	.025	<.02	<.01	<2	.129	.010	.13	9.99	<.01	<.01	<.001	<.01	<.01	6.11	<.01	.158	17.81	.56	.06	<.01	<.01	.97	.024	.118	.010	3.38
142039	.001	.028	<.02	<.01	<2	.155	.011	.11	10.65	<.01	<.01	<.001	<.01	<.01	5.85	<.01	.172	17.35	.66	.04	.06	<.01	1.10	.029	.141	.011	3.03
142040(ROCK)	<.001	.006	<.02	.01	<2	.003	.001	.10	4.51	<.01	.05	<.001	<.01	<.01	4.45	.04	.003	1.88	8.91	2.45	1.24	<.01	<.02	.005	.001	<.001	2.34
142041	<.001	.025	<.02	.01	<2	.198	.013	.07	10.05	<.01	<.01	<.001	<.01	<.01	1.03	.01	.180	21.74	.52	.04	.06	<.01	.84	.024	.175	.012	1.54
STANDARD R-2a/CSB	.051	.572	1.60	4.15	160	.380	.045	.25	24.87	.21	.15	.029	.13	<.01	3.76	.08	.068	2.64	2.77	.52	.65	.08	5.39	.530	.316	.039	-

Sample type: CORE R150 60C. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.



ASSAY CERTIFICATE



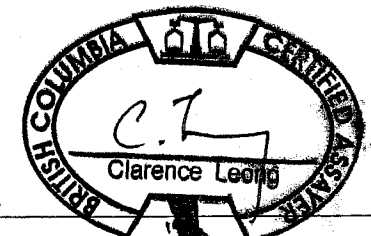
Hard Creek Nickel Corporation PROJECT TUR C04-42 File # A405238 Page 1

1060 - 1090 W. Georgia St, Vancouver BC V6E 3V7

SAMPLE#	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Sr	Cd	Sb	Bi	Ca	P	Cr	Mg	Al	Na	K	W	Au**	Pt**	Pd**	TOT/S	Cu*	Ni*	Co*	Sample
	%	%	%	%	gm/mt	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	ppb	ppb	ppb	%	%	%	%	kg
SI	<.001	.001	<.02	<.01	<2	.001	<.001	<.01	.07	<.01	.02	<.001	<.01	<.01	8.07	.02	.001	.11	.91	10.10	.17	<.01	5	<2	<2	-	<.001	.001	<.001	-
142042	<.001	.008	<.02	.01	<2	.042	.006	.13	6.38	<.01	.01	<.001	<.01	<.01	10.52	.02	.170	13.50	1.18	.27	.07	<.01	13	10	10	.11	.005	.014	.002	2.24
142043	<.001	.010	<.02	.01	<2	.079	.009	.14	8.17	<.01	.01	<.001	<.01	<.01	5.98	.02	.174	17.11	1.62	.26	.14	<.01	<2	2	10	.11	.008	.031	.004	2.16
142044	<.001	.024	<.02	.01	<2	.039	.006	.13	7.32	<.01	.01	<.001	<.01	<.01	11.11	.01	.169	11.62	2.93	.46	.38	<.01	<2	21	25	.25	.023	.022	.002	2.02
142045	<.001	.034	<.02	.01	<2	.028	.006	.15	8.62	<.01	.03	<.001	<.01	<.01	10.86	.04	.132	10.77	3.88	.64	.75	<.01	<2	23	46	.28	.033	.014	.002	1.73
142046	<.001	.031	<.02	.01	<2	.040	.007	.13	8.22	<.01	.01	<.001	<.01	<.01	10.66	.01	.154	12.37	2.58	.55	.30	<.01	<2	32	37	.38	.030	.026	.003	2.57
142047	<.001	.061	<.02	.01	<2	.019	.007	.16	12.16	<.01	.03	<.001	<.01	<.01	9.52	.04	.047	8.55	5.81	.99	.73	<.01	2	17	12	.73	.058	.008	.003	2.83
142048	<.001	.038	<.02	.01	<2	.009	.006	.15	13.26	<.01	.03	<.001	<.01	<.01	9.65	.13	.042	8.01	6.01	1.16	.97	<.01	<2	22	28	.46	.036	.004	.002	3.21
142049	<.001	.046	<.02	.01	<2	.003	.008	.15	14.83	<.01	.03	<.001	<.01	<.01	8.74	.09	.007	7.19	6.41	1.28	1.13	<.01	13	11	12	.58	.044	.002	.002	3.44
142050(PULP)	<.001	.105	<.02	<.01	<2	.342	.015	.05	9.41	<.01	<.01	<.001	<.01	<.01	3.39	.01	.321	15.47	2.54	.28	.08	<.01	44	77	361	1.11	.098	.251	.012	-
142051a	<.001	.046	<.02	.01	<2	.005	.007	.15	15.33	<.01	.03	<.001	<.01	<.01	8.92	.01	.008	7.12	6.24	1.20	1.01	<.01	3	16	24	.36	.043	.002	.003	3.40
142051b	<.001	.046	<.02	.01	<2	.005	.008	.16	15.32	<.01	.03	<.001	<.01	<.01	9.00	.02	.007	7.15	6.31	1.25	1.05	<.01	8	21	21	.38	.044	.002	.002	-
142052	<.001	.040	<.02	.01	2	.006	.007	.15	13.34	<.01	.03	<.001	<.01	<.01	9.96	.02	.016	7.60	5.55	1.11	1.06	<.01	8	39	39	.35	.038	.002	.001	3.13
142053	<.001	.051	<.02	.01	2	.006	.007	.13	13.74	<.01	.03	<.001	<.01	<.01	8.57	.01	.009	7.59	6.46	1.25	1.07	<.01	<2	47	45	.40	.050	.001	.001	3.21
142054	<.001	.032	<.02	.01	<2	.008	.007	.14	14.10	<.01	.03	<.001	<.01	<.01	9.47	.05	.010	7.58	5.94	1.17	.93	<.01	4	48	49	.15	.031	<.001	.001	3.40
142055	<.001	.018	<.02	.01	<2	.011	.006	.14	11.10	<.01	.03	<.001	<.01	<.01	11.68	.01	.032	8.31	4.16	.75	.51	<.01	7	48	46	.15	.017	.001	.001	3.31
142056	<.001	.056	<.02	.01	<2	.010	.007	.14	12.69	<.01	.03	<.001	<.01	<.01	10.56	.01	.027	7.86	5.08	.99	.77	<.01	4	19	16	.36	.052	.002	.001	3.10
142057	<.001	.059	<.02	.01	<2	.007	.007	.14	13.89	<.01	.04	<.001	<.01	<.01	8.64	.02	.007	7.31	6.16	1.32	1.08	<.01	4	10	18	.52	.056	.001	.002	3.05
142058	<.001	.071	<.02	.01	<2	.006	.007	.15	13.71	<.01	.03	<.001	<.01	<.01	8.88	.02	.008	7.29	6.27	1.31	.97	<.01	4	20	17	.52	.067	.002	.002	3.53
RE 142058	<.001	.071	<.02	.01	<2	.007	.007	.15	13.79	<.01	.03	<.001	<.01	<.01	8.89	.03	.008	7.32	6.32	1.23	.98	<.01	3	15	14	.56	.067	.002	.002	-
RRE 142058	<.001	.072	<.02	.01	<2	.008	.008	.15	13.82	<.01	.03	<.001	<.01	<.01	8.84	.02	.008	7.26	6.24	1.32	.98	<.01	<2	16	18	.54	.069	.001	.002	-
142059	<.001	.074	<.02	.01	<2	.008	.007	.15	13.91	<.01	.04	<.001	<.01	<.01	8.70	.08	.008	7.10	6.54	1.37	.99	<.01	5	14	11	.81	.070	.002	.003	3.36
142060	<.001	.064	<.02	.01	<2	.006	.008	.16	15.82	<.01	.03	<.001	<.01	<.01	8.04	.05	.006	6.87	6.57	1.34	.96	<.01	<2	2	3	1.02	.061	<.001	.003	3.49
142061	<.001	.025	<.02	.01	<2	.018	.005	.15	10.38	<.01	.02	<.001	<.01	<.01	10.49	.11	.067	9.23	4.10	.78	.53	<.01	<2	13	15	.46	.023	.007	.002	2.48
142062	<.001	.018	<.02	<.01	<2	.025	.004	.11	4.79	<.01	.01	<.001	<.01	<.01	13.56	.01	.136	11.26	1.20	.43	.13	<.01	<2	39	45	.10	.018	.009	.001	3.37
142063	<.001	.067	<.02	<.01	<2	.035	.007	.12	6.51	<.01	.03	<.001	<.01	<.01	13.06	.05	.105	10.50	2.22	.40	.20	<.01	2	56	67	.62	.063	.023	.004	2.36
142064	<.001	.040	<.02	<.01	<2	.027	.007	.13	6.40	<.01	.01	<.001	<.01	<.01	12.42	.03	.100	11.31	1.63	.43	.13	<.01	2	39	48	.64	.040	.017	.004	2.99
142065	<.001	.059	<.02	.01	<2	.046	.007	.15	8.98	<.01	.02	<.001	<.01	<.01	10.45	.17	.057	11.20	3.15	.60	.32	<.01	8	12	25	.34	.056	.029	.003	2.72
142066	<.001	.031	<.02	<.01	<2	.049	.007	.13	6.28	<.01	.01	<.001	<.01	<.01	11.33	.04	.080	13.59	1.27	.21	.08	<.01	<2	16	11	.16	.030	.025	.004	3.20
142067	<.001	.007	<.02	.01	<2	.048	.007	.14	7.08	<.01	.01	<.001	<.01	<.01	11.61	.02	.085	14.28	1.67	.28	.15	<.01	3	2	3	.10	.006	.023	.003	2.98
142068	<.001	.044	<.02	.01	<2	.033	.006	.17	9.64	<.01	.06	<.001	<.01	<.01	10.98	.19	.051	9.53	4.80	.93	.84	<.01	2	21	26	.59	.042	.015	.002	3.18
142069	<.001	.065	<.02	.01	<2	.010	.006	.18	12.20	<.01	.03	<.001	<.01	<.01	11.03	.30	.031	8.99	4.92	.93	.67	<.01	<2	21	26	.78	.060	.004	.003	2.77
142070(ROCK)	<.001	.006	<.02	.01	<2	.001	.001	.10	4.66	<.01	.05	<.001	<.01	<.01	4.73	.05	.001	1.87	9.32	2.55	1.30	<.01	<2	2	<2	<.02	.004	<.001	<.001	2.43
142071	<.001	.230	<.02	.01	<2	.077	.016	.16	12.07	<.01	.02	<.001	<.01	<.01	10.05	.17	.057	11.07	3.38	.60	.40	<.01	<2	73	92	2.54	.221	.060	.013	2.51
142072	<.001	.059	<.02	<.01	<2	.044	.007	.15	8.26	<.01	.02	<.001	<.01	<.01	11.74	.02	.092	11.29	2.99	.54	.40	<.01	2	83	81	.54	.056	.027	.003	2.20
142073	<.001	.017	<.02	<.01	<2	.015	.006	.13	9.83	<.01	.03	<.001	<.01	<.01	10.69	.03	.027	8.83	5.48	1.02	1.37	<.01	4	16	15	.09	.016	.001	<.001	3.68
STANDARD R-2a/FA-10R/CSB	.051	.578	1.57	4.21	168	.383	.047	.25	25.22	.22	.15	.030	.14	<.01	3.74	.08	.067	2.68	2.79	.55	.68	.09	495	488	491	5.44	.542	.322	.041	-

GROUP 7TD - 0.500 GM SAMPLE, 4 ACID (HF-HClO4-HNO3-HCL) DIGESTION TO 100 ML, ANALYSIS BY ICP-ES.
 Au** Pt** & Pd** GROUP 3B BY FIRE ASSAY & ANALYSIS BY ICP. (30 gm) TOTAL S GROUP 2A BY LECO.
 CU* NI* & CO* - LEACHED WITH H2O2 + NH4 CITRATE.
 - SAMPLE TYPE: CORE R150 60C Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

Data FA DATE RECEIVED: SEP 3 2004 DATE REPORT MAILED: Sept 22/04





SAMPLE#	Mo %	Cu %	Pb %	Zn %	Ag gm/mt	Ni %	Co %	Mn %	Fe %	As %	Sr %	Cd %	Sb %	Bi %	Ca %	P %	Cr %	Mg %	Al %	Na %	K %	W %	Au** ppb	Pt** ppb	Pd** ppb	TOT/S %	Cu* %	Ni* %	Co* %	Sample kg
142074	<.001	.027	<.02	.01	<2	.015	.007	.14	11.32	<.01	.03	<.001	<.01	<.01	10.23	.02	.030	8.69	5.49	1.12	.93	<.01	<2	29	26	.22	.026	.003	.001	3.30
142075(PULP)	<.001	.622	<.02	.01	3	.278	.019	.13	12.91	<.01	<.01	<.001	<.01	<.01	11.59	.05	.056	7.66	4.46	.15	.10	<.01	184	910	478	3.75	.604	.248	.018	-
142076	<.001	.011	<.02	<.01	<2	.026	.005	.13	6.53	<.01	.01	<.001	<.01	<.01	13.45	.01	.097	11.27	2.13	.45	.25	<.01	2	7	18	.18	.007	.008	.002	1.99
142077	<.001	.011	<.02	<.01	<2	.024	.005	.13	6.57	<.01	.01	<.001	<.01	<.01	13.30	.01	.100	11.27	2.13	.43	.21	<.01	10	23	22	.19	.011	.011	.002	.97
142078	<.001	.048	<.02	<.01	<2	.037	.007	.16	8.00	<.01	.01	<.001	<.01	<.01	11.98	.01	.066	11.57	2.65	.44	.14	<.01	7	159	180	.35	.047	.020	.003	2.32
142079	<.001	.006	<.02	<.01	<2	.016	.005	.15	6.87	<.01	.02	<.001	<.01	<.01	13.89	.01	.147	10.48	2.73	.52	.32	<.01	<2	<2	6	.16	.006	.004	.001	2.43
STANDARD R-2a/FA-10R/CSB	.052	.572	1.64	4.18	166	.394	.047	.25	25.30	.21	.15	.031	.14	<.01	3.81	.08	.067	2.67	2.75	.52	.63	.09	495	478	481	5.31	.504	.327	.041	-

Sample type: CORE R150 60C.



ASSAY CERTIFICATE



Hard Creek Nickel Corporation PROJECT TUR C04-43 File # A405239 Page 1

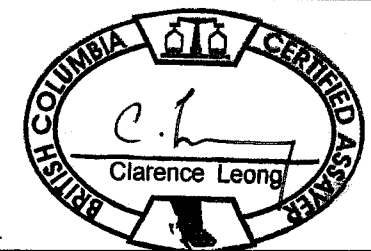
1060 - 1090 W. Georgia St, Vancouver BC V6E 3V7

SAMPLE#	Mo %	Cu %	Pb %	Zn %	Ag gm/mt	Ni %	Co %	Mn %	Fe %	As %	Sr %	Cd %	Sb %	Bi %	Ca %	P %	Cr %	Mg %	Al %	Na %	K %	W Au** ppb	Pt** ppb	Pd** ppb	TOT/S %	Cu* %	Ni* %	Co* %	Sample kg	
142080a	<.001	.023	<.02	.01	<2	.010	.005	.17	10.10	<.01	.04	<.001	<.01	<.01	10.60	.06	.044	7.84	5.83	1.26	.73	<.01	<2	18	15	.24	.020	.002	.001	3.22
142080b	<.001	.023	<.02	.01	<2	.011	.005	.17	10.11	<.01	.04	<.001	<.01	<.01	10.60	.06	.044	7.91	5.74	1.23	.78	<.01	<2	20	18	.25	.021	.001	.001	-
142081	<.001	.025	<.02	.01	<2	.007	.005	.18	11.69	<.01	.05	<.001	<.01	<.01	10.41	.14	.027	7.30	6.29	1.18	.90	<.01	<2	13	12	.39	.022	.001	.001	3.04
142082	<.001	.028	<.02	.01	<2	.009	.005	.18	11.56	<.01	.04	<.001	<.01	<.01	10.22	.22	.032	7.84	5.86	1.15	.84	<.01	<2	18	16	.22	.024	.001	.001	2.13
142083	<.001	.021	<.02	.01	<2	.010	.005	.18	10.69	<.01	.03	<.001	<.01	<.01	10.82	.12	.045	8.41	5.59	1.18	.82	<.01	<2	13	13	.10	.011	.001	.001	2.97
142084	<.001	.019	<.02	.01	<2	.010	.005	.16	9.53	<.01	.03	<.001	<.01	<.01	11.26	.12	.052	8.47	4.94	1.03	.75	<.01	<2	14	14	.19	.016	.001	<.001	3.49
142085	<.001	.006	<.02	.01	<2	.013	.005	.17	8.39	<.01	.02	<.001	<.01	<.01	11.93	.07	.065	9.01	4.40	.90	.65	<.01	<2	14	13	.03	.005	.001	<.001	2.94
142086	<.001	.006	<.02	.01	<2	.012	.005	.16	8.99	<.01	.04	<.001	<.01	<.01	11.10	.05	.058	8.28	5.02	1.23	.77	<.01	<2	13	13	.03	.005	<.001	<.001	3.31
142087	<.001	.005	<.02	.01	2	.014	.005	.17	8.06	<.01	.03	<.001	<.01	<.01	11.98	.03	.073	9.10	4.48	.93	.66	<.01	<2	14	13	.02	.004	.001	<.001	3.20
142088	<.001	.031	<.02	.01	<2	.012	.005	.16	10.40	<.01	.04	<.001	<.01	<.01	11.18	.03	.045	8.58	5.22	1.23	.80	<.01	4	12	12	.29	.030	.001	.001	2.02
142089	<.001	.013	<.02	.01	<2	.007	.004	.16	9.88	<.01	.04	<.001	<.01	<.01	12.27	.07	.037	7.67	4.95	1.01	.59	<.01	<2	14	16	.12	.012	<.001	<.001	3.43
142090	<.001	.019	<.02	.01	<2	.008	.005	.16	10.20	<.01	.03	<.001	<.01	<.01	12.45	.04	.047	8.15	4.37	.90	.69	<.01	<2	10	10	.17	.018	<.001	.001	3.04
142091	<.001	.012	<.02	.01	<2	.009	.005	.16	10.62	<.01	.03	<.001	<.01	<.01	12.15	.04	.056	8.40	4.52	.95	.65	<.01	<2	13	16	.10	.010	<.001	.001	3.10
142092	<.001	.016	<.02	.01	<2	.012	.004	.16	9.27	<.01	.04	<.001	<.01	<.01	11.28	.06	.055	8.39	5.60	1.46	.82	<.01	<2	17	17	.11	.014	<.001	<.001	3.30
RE 142092	<.001	.016	<.02	.01	<2	.013	.005	.16	9.20	<.01	.04	<.001	<.01	<.01	11.22	.06	.054	8.34	5.60	1.40	.81	<.01	<2	15	13	.11	.014	<.001	<.001	-
RRE 142092	<.001	.015	<.02	.01	<2	.014	.005	.16	9.23	<.01	.04	<.001	<.01	<.01	11.21	.07	.052	8.38	5.58	1.46	.79	<.01	<2	29	14	.10	.013	.001	<.001	-
142093	<.001	.008	<.02	.01	<2	.013	.005	.17	8.65	<.01	.04	<.001	<.01	<.01	11.49	.05	.067	8.31	5.23	1.35	.65	<.01	<2	14	12	.03	.006	<.001	<.001	2.71
142094	<.001	.013	<.02	.01	2	.011	.005	.16	9.06	<.01	.04	<.001	<.01	<.01	11.77	.16	.063	8.34	4.69	1.34	.68	<.01	<2	13	14	.14	.011	<.001	<.001	2.70
142095	<.001	.006	<.02	.01	3	.010	.003	.12	6.28	<.01	.07	<.001	<.01	<.01	9.55	.06	.055	6.37	6.09	2.93	.52	<.01	3	9	9	.08	.005	<.001	<.001	1.57
142096	<.001	.018	<.02	.01	<2	.010	.005	.18	11.15	<.01	.04	<.001	<.01	<.01	10.98	.12	.034	8.05	5.68	1.26	.83	<.01	<2	24	24	.22	.017	<.001	<.001	2.82
142097	<.001	.022	<.02	.01	<2	.012	.006	.16	10.34	<.01	.03	<.001	<.01	<.01	10.62	.06	.036	8.52	5.64	1.23	.91	<.01	<2	17	14	.19	.019	<.001	.001	2.54
142098	<.001	.025	<.02	.01	<2	.008	.006	.18	12.42	<.01	.03	<.001	<.01	<.01	10.74	.26	.036	7.92	5.75	1.09	.89	<.01	<2	11	9	.38	.023	.001	.001	2.98
142099	<.001	.022	<.02	.01	<2	.008	.006	.18	13.22	<.01	.03	<.001	<.01	<.01	10.80	.18	.033	7.75	5.50	1.03	.80	<.01	<2	10	9	.36	.019	.001	.001	2.39
142100(PULP)	<.001	.064	<.02	.02	<2	.244	.011	.11	9.15	<.01	<.01	<.001	<.01	<.01	4.73	.01	.795	14.81	3.59	.31	.12	<.01	5	84	283	.56	.059	.183	.008	-
142101	<.001	.011	<.02	.01	<2	.014	.005	.16	9.77	<.01	.04	<.001	<.01	<.01	10.77	.04	.050	8.49	5.62	1.43	.90	<.01	<2	13	15	.11	.010	<.001	.001	2.09
142102	<.001	.019	<.02	.01	3	.012	.006	.14	12.40	<.01	.03	<.001	<.01	<.01	9.74	.05	.021	8.25	5.80	1.06	1.01	<.01	<2	42	41	.14	.018	.001	.001	1.94
142103	<.001	.019	<.02	.01	<2	.012	.006	.16	11.50	<.01	.03	<.001	<.01	<.01	10.62	.04	.041	8.31	5.59	1.04	.89	<.01	<2	10	9	.25	.017	<.001	.001	2.00
142104	<.001	.042	<.02	.01	<2	.006	.008	.14	15.90	<.01	.04	<.001	<.01	<.01	8.92	.02	.003	7.44	6.14	1.23	1.20	<.01	<2	5	6	.69	.056	.001	.001	1.82
142105	<.001	.057	<.02	.01	<2	.007	.008	.13	15.05	<.01	.03	<.001	<.01	<.01	8.88	.01	.016	7.75	6.08	1.09	1.08	<.01	<2	13	13	.23	.041	<.001	.002	2.98
142106	<.001	.063	<.02	.01	<2	.005	.008	.12	15.18	<.01	.03	<.001	<.01	<.01	8.66	.01	.008	7.64	6.11	1.17	1.18	<.01	<2	7	6	.41	.061	<.001	.002	1.03
142107	<.001	.085	<.02	.01	3	.009	.009	.12	14.92	<.01	.03	<.001	<.01	<.01	8.59	.01	.010	7.88	6.26	1.23	1.24	<.01	<2	6	6	.53	.079	.001	.002	1.52
142108(ROCK)	<.001	.006	<.02	.01	<2	.002	.002	.10	4.56	<.01	.05	<.001	<.01	<.01	4.58	.04	<.001	1.83	8.81	2.49	1.25	<.01	<2	<2	<2	<.02	.005	<.001	<.001	2.20
142109	<.001	.042	<.02	.01	<2	.011	.007	.13	12.92	<.01	.04	<.001	<.01	<.01	8.95	.01	.007	7.79	6.23	1.23	1.30	<.01	<2	32	27	.27	.041	.001	.001	3.43
142110a	<.001	.017	<.02	.01	<2	.012	.006	.12	10.71	<.01	.03	<.001	<.01	<.01	9.82	.01	.016	8.43	5.76	1.01	1.37	<.01	<2	18	20	.09	.016	<.001	<.001	2.85
142110b	<.001	.018	<.02	.01	<2	.012	.006	.12	10.93	<.01	.03	<.001	<.01	<.01	9.97	.01	.017	8.57	5.96	1.04	1.38	<.01	<2	18	19	.08	.016	<.001	<.001	-
STANDARD R-2a/FA-10R/CSB	.051	.573	1.64	4.30	163	.385	.045	.25	25.79	.23	.15	.030	.14	<.01	3.84	.08	.072	2.79	2.71	.59	.66	.10	471	471	480	5.40	.534	.316	.040	-

GROUP 7TD - 0.500 GM SAMPLE, 4 ACID (HF-HClO4-HNO3-HCl) DIGESTION TO 100 ML, ANALYSIS BY ICP-ES.
 AU** PT** & PD** GROUP 3B BY FIRE ASSAY & ANALYSIS BY ICP. (30 gm) TOTAL S GROUP 2A BY LECO.
 CU* NI* & CO* - LEACHED WITH H2O2 + NH4 CITRATE.
 - SAMPLE TYPE: CORE R150 60C Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

Data FA

DATE RECEIVED: SEP 3 2004 DATE REPORT MAILED: Sept. 23/04...





SAMPLE#	Mo %	Cu %	Pb %	Zn %	Ag gm/mt	Ni %	Co %	Mn %	Fe %	As %	Sr %	Cd %	Sb %	Bi %	Ca %	P %	Cr %	Mg %	Al %	Na %	K %	W %	Au** ppb	Pt** ppb	Pd** ppb	TOT/S %	Cu* %	Ni* %	Co* %	Sample kg
142111	<.001	.063	<.02	.01	<2	.011	.007	.13	13.89	<.01	.03	<.001	<.01	<.01	8.83	.01	.011	7.55	6.15	1.15	1.24	<.01	2	5	7	.44	.059	.001	.002	3.88
142112	<.001	.035	<.02	.01	<2	.004	.007	.15	15.32	<.01	.03	<.001	<.01	<.01	9.00	<.01	.004	7.30	6.15	1.08	1.20	<.01	<2	4	9	.42	.032	<.001	.002	2.52
142113	<.001	.021	<.02	.01	<2	.006	.005	.16	12.96	<.01	.03	<.001	<.01	<.01	10.57	.01	.015	7.58	5.53	.97	.89	<.01	<2	15	17	.26	.019	.001	.001	1.51
142114	<.001	.007	<.02	.01	<2	.012	.004	.16	8.40	<.01	.03	<.001	<.01	<.01	12.61	.04	.085	8.83	4.22	.79	.58	<.01	<2	2	7	.09	.006	<.001	<.001	3.30
142115	<.001	.009	<.02	.01	<2	.011	.004	.17	9.22	<.01	.03	<.001	<.01	<.01	12.62	.04	.050	8.53	4.40	.82	.57	<.01	<2	14	12	.11	.008	<.001	.001	2.18
142116	<.001	.030	<.02	.01	<2	.013	.007	.17	12.75	<.01	.03	<.001	<.01	<.01	9.75	.06	.027	8.32	5.95	1.14	.97	<.01	<2	6	9	.48	.028	.003	.002	3.04
142117	<.001	.031	<.02	.01	<2	.007	.006	.16	13.81	<.01	.04	<.001	<.01	<.01	9.42	.02	.013	7.42	6.39	1.14	1.00	<.01	<2	5	5	.46	.029	.001	.002	3.33
142118	<.001	.039	<.02	.01	<2	.005	.006	.16	13.83	<.01	.04	<.001	<.01	<.01	9.13	.03	.005	7.12	6.23	1.17	1.01	<.01	<2	9	8	.60	.037	.001	.002	1.98
142119	<.001	.045	<.02	.01	<2	.006	.007	.13	12.95	<.01	.07	<.001	<.01	<.01	8.82	<.01	.009	6.83	6.15	1.38	.94	<.01	<2	4	9	.68	.043	<.001	.003	2.92
142120	<.001	.044	<.02	.01	<2	.010	.007	.13	13.68	<.01	.03	<.001	<.01	<.01	9.35	<.01	.017	7.84	5.83	1.11	1.01	<.01	<2	34	29	.45	.041	.001	.002	2.73
142121	<.001	.009	<.02	<.01	<2	.017	.005	.11	8.25	<.01	.04	<.001	<.01	<.01	11.45	.01	.032	9.12	5.30	.96	1.13	<.01	<2	2	<2	.05	.008	.001	<.001	2.92
142122	<.001	.014	<.02	.01	<2	.016	.005	.12	8.60	<.01	.03	<.001	<.01	<.01	12.77	.01	.041	9.58	5.01	.67	1.40	<.01	<2	<2	<2	.06	.012	<.001	<.001	1.75
142123	<.001	.073	<.02	.01	<2	.012	.008	.13	12.48	<.01	.04	<.001	<.01	<.01	9.72	.01	.015	7.99	6.59	1.12	1.25	<.01	<2	10	11	.43	.065	.001	.002	3.02
142124	<.001	.035	<.02	.01	<2	.006	.008	.15	14.62	<.01	.03	<.001	<.01	<.01	10.45	<.01	.020	7.96	6.06	1.09	1.01	<.01	<2	9	9	.71	.032	.001	.003	2.37
142125(PULP)	<.001	.111	<.02	<.01	<2	.361	.016	.05	10.21	<.01	<.01	<.001	<.01	<.01	3.60	<.01	.523	16.29	2.99	.23	.08	<.01	<2	95	369	1.13	.100	.258	.012	<.01
142126	<.001	.030	<.02	.01	<2	.011	.006	.16	13.65	<.01	.05	<.001	<.01	<.01	10.32	.01	.020	7.73	6.42	1.05	1.05	<.01	<2	9	5	.52	.027	.002	.002	1.42
142127	<.001	.016	<.02	.01	<2	.013	.005	.14	10.68	<.01	.03	<.001	<.01	<.01	11.35	.01	.040	9.01	5.55	.96	1.24	<.01	<2	21	20	.12	.015	.001	<.001	3.99
142128	<.001	.057	<.02	.01	<2	.010	.006	.14	13.90	<.01	.04	<.001	<.01	<.01	9.11	.01	.012	7.88	6.28	1.10	1.20	<.01	<2	16	17	.50	.052	.001	.002	3.44
142129	<.001	.041	<.02	.01	<2	.007	.006	.14	13.18	<.01	.04	<.001	<.01	<.01	9.85	<.01	.019	7.77	5.76	1.01	.99	<.01	<2	32	27	.45	.039	.001	.002	2.58
142130(ROCK)	<.001	.007	<.02	.01	<2	.001	.001	.10	4.52	<.01	.05	<.001	<.01	<.01	4.67	.05	.001	1.83	8.79	2.49	1.29	<.01	<2	<2	<2	<.02	.004	<.001	<.001	3.08
142131	<.001	.047	<.02	.01	<2	.006	.007	.14	14.69	<.01	.03	<.001	<.01	<.01	9.33	<.01	.014	8.02	5.84	.99	1.05	<.01	<2	17	22	.64	.044	.001	.002	1.78
142132	<.001	.030	<.02	.01	<2	.011	.005	.14	10.14	<.01	.02	<.001	<.01	<.01	11.64	.04	.040	8.60	4.59	.75	.90	<.01	2	23	25	.19	.028	<.001	.001	3.33
RE 142132	<.001	.030	<.02	.01	<2	.012	.005	.14	10.13	<.01	.02	<.001	<.01	<.01	11.61	.04	.040	8.59	4.56	.75	.94	<.01	<2	27	23	.17	.027	.001	.001	-
RRE 142132	<.001	.029	<.02	.01	<2	.010	.005	.13	10.13	<.01	.02	<.001	<.01	<.01	11.52	.04	.039	8.49	4.60	.80	.94	<.01	<2	21	23	.18	.027	.001	<.001	-
142133	<.001	.015	<.02	.01	<2	.012	.005	.14	8.76	<.01	.03	<.001	<.01	<.01	11.07	.03	.038	8.23	4.58	1.00	.80	<.01	<2	27	22	.14	.013	.001	.001	2.80
142134	<.001	.020	<.02	.01	<2	.014	.006	.12	9.85	<.01	.05	<.001	<.01	<.01	8.49	.02	.008	8.52	6.91	1.36	1.13	<.01	<2	10	6	.13	.017	<.001	<.001	1.73
142135	<.001	.016	<.02	<.01	<2	.013	.005	.13	8.20	<.01	.02	<.001	<.01	<.01	12.31	.01	.049	9.26	3.65	.69	.57	<.01	<2	12	8	.15	.015	.001	.001	2.84
142136	<.001	.006	<.02	<.01	<2	.013	.004	.13	6.92	<.01	.02	<.001	<.01	<.01	12.75	.01	.066	9.12	3.00	.53	.35	<.01	2	2	<2	.05	.005	<.001	<.001	3.61
142137	<.001	.011	<.02	<.01	<2	.011	.004	.13	7.33	<.01	.04	<.001	<.01	<.01	12.14	.03	.057	8.08	3.88	.95	.56	<.01	<2	10	4	.08	.010	.001	<.001	3.57
142138	<.001	.015	<.02	<.01	<2	.015	.004	.13	8.37	<.01	.03	<.001	<.01	<.01	12.45	.01	.055	9.60	4.17	.67	.70	<.01	<2	5	3	.09	.012	<.001	.001	1.82
142139	<.001	.024	<.02	<.01	<2	.012	.006	.12	8.58	<.01	.02	<.001	<.01	<.01	12.06	.01	.049	9.32	3.79	.50	.88	<.01	<2	33	32	.11	.022	.001	<.001	2.89
142140a	<.001	.103	<.02	.01	<2	.009	.012	.14	14.39	<.01	.03	<.001	<.01	<.01	8.63	.01	.010	7.74	6.13	1.15	1.14	<.01	<2	7	5	1.63	.095	.002	.006	2.97
142140b	<.001	.101	<.02	.01	<2	.008	.011	.14	14.23	<.01	.03	<.001	<.01	<.01	8.61	.01	.010	7.70	6.05	1.23	1.15	<.01	<2	12	6	1.60	.096	.002	.006	-
142141	<.001	.037	<.02	.01	<2	.005	.006	.19	12.68	<.01	.05	<.001	<.01	<.01	9.58	.22	.004	6.85	7.16	1.20	.94	<.01	<2	4	3	.55	.034	.001	.001	2.83
142142	<.001	.030	<.02	.01	<2	.002	.003	.23	11.86	<.01	.07	<.001	<.01	<.01	8.66	.18	.005	5.11	8.22	1.88	.63	<.01	<2	13	7	1.22	.028	<.001	.002	1.53
STANDARD R-2a/FA-10R/CSB	.051	.575	1.63	4.34	166	.375	.047	.25	25.18	.23	.14	.031	.14	<.01	3.87	.08	.064	2.74	2.83	.53	.68	.09	499	476	477	5.35	.539	.320	.041	-

Sample type: CORE R150 60C. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.



SAMPLE#	Mo %	Cu %	Pb %	Zn %	Ag gm/mt	Ni %	Co %	Mn %	Fe %	As %	Sr %	Cd %	Sb %	Bi %	Ca %	P %	Cr %	Mg %	Al %	Na %	K %	W %	Au** ppb	Pt** ppb	Pd** ppb	TOT/S %	Cu* %	Ni* %	Co* %	Sample kg
142143	<.001	.015	<.02	.01	<2	.001	.002	.19	10.18	<.01	.08	<.001	<.01	.01	8.90	.19	.005	4.19	8.53	1.69	.77	<.01	3	6	5	.58	.015	.001	.001	3.72
142144	<.001	.019	<.02	.01	<2	.005	.003	.21	10.08	<.01	.08	<.001	<.01	<.01	8.62	.18	.014	4.86	7.96	1.79	.86	<.01	<2	5	4	.80	.019	.002	.002	2.19
142145	<.001	.014	<.02	.01	<2	.026	.003	.20	10.20	<.01	.03	<.001	<.01	<.01	8.91	.35	.033	8.32	5.70	1.34	.77	<.01	<2	4	3	.53	.014	.004	.001	3.24
142146	<.001	.038	<.02	.01	<2	.023	.005	.21	9.29	<.01	.02	<.001	<.01	<.01	10.89	.10	.052	8.86	3.87	.96	.33	<.01	<2	26	31	1.09	.036	.005	.002	2.70
142147	<.001	.022	<.02	.01	<2	.010	.004	.23	10.97	<.01	.06	<.001	<.01	<.01	9.56	.15	.021	6.67	6.94	1.35	.71	<.01	11	12	13	.75	.021	.003	.002	3.12
142148	<.001	.024	<.02	.01	<2	.008	.003	.22	10.63	<.01	.08	<.001	<.01	<.01	9.13	.19	.016	5.56	8.06	1.71	.95	<.01	2	6	7	.80	.022	.002	.001	3.01
142149	<.001	.015	<.02	.01	<2	.004	.002	.21	9.53	<.01	.11	<.001	<.01	<.01	9.68	.19	.007	3.98	9.62	1.98	.80	<.01	10	5	6	.57	.014	.001	.001	3.32
142150(PULP)	<.001	.110	<.02	<.01	5	.354	.015	.05	9.72	<.01	<.01	<.001	<.01	<.01	3.43	.01	.378	15.83	2.61	.26	.06	<.01	17	116	390	1.13	.097	.251	.011	-
142151	<.001	.021	<.02	.01	<2	.003	.002	.19	9.38	<.01	.10	<.001	<.01	<.01	7.85	.13	.007	4.15	8.55	2.02	.59	<.01	3	4	6	.96	.020	.001	.001	3.37
142152	<.001	.028	<.02	.01	<2	.005	.002	.23	11.24	<.01	.06	<.001	<.01	<.01	8.57	.16	.011	5.52	7.95	1.72	.84	<.01	<2	6	8	1.23	.026	.002	.002	2.21
142153	<.001	.020	<.02	.01	<2	.002	.003	.23	11.08	<.01	.09	<.001	<.01	<.01	10.07	.24	.006	4.59	9.31	1.73	.82	<.01	2	6	6	.61	.018	.001	.001	1.32
142154	<.001	.035	<.02	.01	<2	.019	.006	.21	8.34	<.01	.02	<.001	<.01	<.01	12.80	.06	.036	9.10	2.98	.75	.28	<.01	13	23	21	.70	.034	.005	.002	2.94
142155	<.001	.021	<.02	.01	<2	.004	.002	.21	9.32	<.01	.10	<.001	<.01	<.01	10.35	.29	.005	4.11	8.19	2.06	.61	<.01	2	7	6	.92	.019	.001	.001	3.33
142156	<.001	.046	<.02	.01	<2	.003	.003	.21	11.99	<.01	.07	<.001	<.01	<.01	7.18	.14	.009	6.12	8.17	1.54	1.75	<.01	4	6	10	2.17	.044	.002	.003	1.84
142157	<.001	.021	<.02	.01	<2	.002	.001	.15	8.52	<.01	.09	<.001	<.01	<.01	8.02	.21	.003	3.47	9.70	2.55	.77	<.01	<2	3	4	1.63	.020	.001	.001	1.93
142158	<.001	.028	<.02	.01	<2	.002	.003	.18	9.19	<.01	.06	<.001	<.01	<.01	8.18	.09	.005	4.16	8.85	2.89	.26	<.01	<2	11	7	.81	.026	.001	.001	2.89
RE 142158	<.001	.028	<.02	.01	<2	.004	.002	.18	9.18	<.01	.05	<.001	<.01	<.01	8.17	.08	.005	4.16	8.76	2.86	.27	<.01	3	3	5	.83	.026	.002	.001	-
RRE 142158	<.001	.026	<.02	.01	<2	.003	.002	.17	8.68	<.01	.05	<.001	<.01	<.01	7.66	.08	.005	3.92	8.33	2.76	.23	<.01	12	5	4	.87	.026	.002	.001	-
142159	<.001	.014	<.02	.01	<2	.002	.002	.17	8.57	<.01	.06	<.001	<.01	<.01	7.01	.07	.004	3.67	8.78	3.07	.35	<.01	<2	4	5	.76	.013	<.001	.001	3.08
142160(ROCK)	<.001	.006	<.02	<.01	<2	<.001	.001	.11	4.72	<.01	.05	<.001	<.01	<.01	4.52	.05	.001	1.80	8.70	2.49	1.31	<.01	2	<2	<2	.02	.005	<.001	<.001	2.50
142161	<.001	.011	<.02	.01	<2	.003	.002	.20	8.61	<.01	.04	<.001	<.01	<.01	5.47	.08	.007	4.53	8.23	3.33	.79	<.01	5	12	12	.75	.010	<.001	.001	2.87
142162	<.001	.008	<.02	.01	<2	.003	.002	.18	8.26	<.01	.03	<.001	<.01	<.01	4.72	.04	.004	3.97	8.85	4.30	.32	<.01	<2	5	6	.37	.007	.001	<.001	2.78
142163	<.001	.023	<.02	.01	<2	.009	.002	.23	9.80	<.01	.07	<.001	<.01	<.01	7.17	.09	.016	5.65	8.09	2.81	.62	<.01	<2	7	9	.84	.022	.001	.001	3.23
142164	<.001	.014	<.02	.01	<2	.012	.002	.18	9.14	<.01	.16	<.001	<.01	<.01	7.79	.15	.016	6.79	9.80	1.47	1.01	<.01	<2	6	6	.46	.012	.001	.001	.81
142165	<.001	.010	<.02	.01	<2	.126	.007	.15	7.33	<.01	.01	<.001	<.01	<.01	5.81	.03	.155	16.32	2.74	.25	.18	<.01	30	14	16	.30	.009	.033	.004	3.33
142166	<.001	.012	<.02	.01	<2	.076	.006	.17	8.36	<.01	.02	<.001	<.01	<.01	7.97	.06	.091	12.52	3.99	.73	.50	<.01	123	24	24	.33	.011	.016	.002	3.09
142167	<.001	.017	<.02	.01	<2	.067	.005	.17	8.50	<.01	.04	<.001	<.01	<.01	8.15	.06	.102	11.29	5.35	1.11	.89	<.01	<2	16	16	.45	.015	.006	.002	3.08
142168	<.001	.014	<.02	.01	<2	.032	.004	.19	8.83	<.01	.03	<.001	<.01	<.01	10.87	.08	.084	9.49	4.91	1.17	.61	<.01	<2	22	21	.33	.013	.003	.001	3.00
142169	<.001	.029	<.02	.01	<2	.082	.007	.17	8.72	<.01	.02	<.001	<.01	<.01	7.37	.07	.091	12.86	4.27	.73	.67	<.01	<2	14	17	.39	.026	.017	.002	3.01
142170a	<.001	.009	<.02	.01	<2	.084	.004	.18	8.23	<.01	.05	<.001	<.01	<.01	6.28	.08	.069	11.52	5.93	.86	1.66	<.01	<2	14	17	.29	.008	.010	.001	2.76
142170b	<.001	.010	<.02	.01	<2	.083	.004	.18	8.32	<.01	.06	<.001	<.01	<.01	6.33	.09	.067	11.53	6.03	.95	1.76	<.01	11	14	16	.29	.008	.009	.001	-
142171	<.001	.008	<.02	.01	<2	.099	.006	.17	7.70	<.01	.01	<.001	<.01	<.01	6.42	.06	.084	13.68	3.68	.57	.94	<.01	<2	14	12	.19	.007	.015	.002	1.99
142172	<.001	.014	<.02	.01	<2	.040	.004	.17	8.94	<.01	.02	<.001	<.01	<.01	8.26	.05	.042	10.25	5.29	1.08	1.29	<.01	<2	13	11	.28	.013	.004	.001	2.01
STANDARD R-2a/FA-10R/CSB	.049	.573	1.58	4.27	165	.385	.044	.25	24.85	.24	.14	.030	.14	<.01	3.72	.08	.066	2.66	2.65	.54	.67	.09	485	494	488	5.31	.543	.319	.040	-

Sample type: CORE R150 60C. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

ASSAY CERTIFICATE

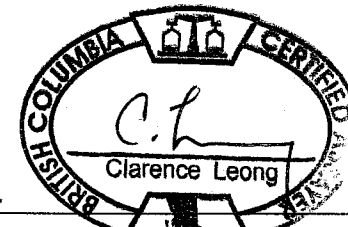
Hard Creek Nickel Corporation PROJECT TUR C04-44 File # A406561 Page 1
1060 - 1090 W. Georgia St, Vancouver BC V6E 3V7 Submitted by: Tony Hitchins



SAMPLE#	Mo %	Cu %	Pb %	Zn %	Ag gm/mt	Ni %	Co %	Mn %	Fe %	As %	Sr %	Cd %	Sb %	Bi %	Ca %	P %	Cr %	Mg %	Al %	Na %	K %	W %	TOT/S %	Au** ppb	Pt** ppb	Pd** ppb	Sample kg
SI	<.001	<.001	<.02	<.01	<2	.002	<.001	<.01	.07	<.01	.02	<.001	<.01	<.01	8.41	.01	<.001	.11	.88	9.97	.20	<.01	-	<2	<2	<2	-
143737	<.001	.016	<.02	<.01	<2	.025	.006	.13	6.54	<.01	.01	<.001	<.01	<.01	12.26	.02	.136	11.71	1.82	.42	.18	<.01	.11	7	39	42	.71
143738	<.001	.011	<.02	<.01	<2	.022	.004	.17	7.86	<.01	.01	<.001	<.01	<.01	13.62	.05	.085	10.04	2.90	.47	.23	<.01	.10	5	338	329	2.03
143739	<.001	.026	<.02	<.01	<2	.025	.005	.16	8.44	<.01	.02	<.001	<.01	<.01	14.42	.38	.048	8.76	3.21	.46	.22	<.01	.20	<2	807	838	2.58
143740 a	<.001	.024	<.02	.01	<2	.012	.005	.18	13.28	<.01	.03	<.001	<.01	<.01	9.05	.01	.006	7.32	6.49	1.20	1.21	<.01	.31	<2	162	176	2.44
143740 b	<.001	.026	<.02	.01	<2	.014	.007	.18	13.52	<.01	.03	<.001	<.01	<.01	9.23	.01	.007	7.46	6.51	1.31	1.22	<.01	.40	4	170	174	-
143741	<.001	.020	<.02	.01	<2	.012	.007	.18	13.98	<.01	.03	<.001	<.01	<.01	9.05	.06	.004	7.33	6.48	1.31	1.26	<.01	.34	<2	61	55	3.42
143742	<.001	.023	<.02	.01	<2	.012	.005	.20	12.54	<.01	.04	<.001	<.01	<.01	9.37	.15	.006	7.05	6.87	1.43	1.00	<.01	.44	6	113	95	3.34
143743	<.001	.024	<.02	<.01	<2	.021	.005	.18	9.21	<.01	.02	<.001	<.01	<.01	13.80	.31	.020	8.35	3.81	.60	.41	<.01	.27	3	358	367	2.50
143744	<.001	.016	<.02	.01	<2	.011	.005	.18	10.89	<.01	.02	<.001	<.01	<.01	12.62	.22	.017	8.12	4.30	.71	.48	<.01	.25	2	317	344	3.29
143745	<.001	.012	<.02	<.01	<2	.020	.006	.16	8.99	<.01	.02	<.001	<.01	<.01	12.73	.10	.078	9.65	3.24	.53	.38	<.01	.14	<2	84	79	3.21
143746	<.001	.010	<.02	.01	<2	.012	.005	.18	10.16	<.01	.02	<.001	<.01	<.01	13.41	.11	.029	8.04	3.88	.74	.63	<.01	.20	<2	74	62	2.51
143747	<.001	.005	<.02	<.01	<2	.015	.004	.16	7.27	<.01	.03	<.001	<.01	<.01	13.51	.11	.101	9.02	3.63	.67	.65	<.01	.20	<2	38	22	1.05
143748	<.001	.014	<.02	.01	<2	.003	.005	.18	11.77	<.01	.11	<.001	<.01	<.01	12.06	.58	.004	5.54	8.76	.81	.61	<.01	.38	7	11	12	1.99
143749	<.001	.012	<.02	.01	<2	.009	.005	.20	11.58	<.01	.04	<.001	<.01	<.01	11.54	.14	.018	7.69	6.25	1.13	.81	<.01	.20	3	524	498	2.51
143750(PULP)	<.001	.010	<.02	<.01	<2	.007	.001	.12	4.84	<.01	.01	<.001	<.01	<.01	12.77	.04	.019	6.00	5.88	1.67	.82	<.01	<.02	13	6	7	-
143751	<.001	.004	<.02	<.01	<2	.014	.004	.19	8.08	<.01	.02	<.001	<.01	<.01	14.54	.11	.040	9.16	3.46	.41	.20	<.01	.09	<2	48	21	3.55
143752	<.001	.005	<.02	<.01	<2	.010	.004	.18	8.95	<.01	.03	<.001	<.01	<.01	13.18	.22	.072	8.15	4.91	.86	.50	<.01	.15	3	31	20	2.78
RE 143752	<.001	.006	<.02	<.01	<2	.010	.004	.18	8.94	<.01	.03	<.001	<.01	<.01	13.17	.21	.070	8.09	4.81	.83	.49	<.01	.14	2	38	30	-
RRE 143752	<.001	.006	<.02	<.01	<2	.010	.004	.19	9.03	<.01	.03	<.001	<.01	<.01	13.52	.21	.073	8.26	4.83	.86	.51	<.01	.18	2	31	21	-
143753	<.001	.012	<.02	.01	<2	.010	.004	.18	10.43	<.01	.03	<.001	<.01	<.01	12.04	.33	.056	7.98	5.60	1.07	.69	<.01	.21	5	19	8	3.18
143754	<.001	.010	<.02	<.01	<2	.006	.003	.19	9.62	<.01	.03	<.001	<.01	<.01	13.92	.33	.038	7.39	4.14	.87	.42	<.01	.54	5	45	29	3.34
143755	<.001	.020	<.02	.01	<2	.009	.005	.18	11.45	<.01	.03	<.001	<.01	<.01	11.87	.28	.026	7.74	5.52	1.15	.96	<.01	.24	4	58	52	3.44
143756	<.001	.012	<.02	<.01	<2	.009	.004	.18	8.53	<.01	.03	<.001	<.01	<.01	14.70	.16	.030	8.25	3.84	.61	.40	<.01	.04	5	39	28	2.75
143757	<.001	.005	<.02	<.01	<2	.009	.004	.18	8.98	<.01	.02	<.001	<.01	<.01	14.40	.13	.027	7.97	4.00	.75	.39	<.01	.04	3	26	13	3.62
143758	<.001	.009	<.02	<.01	<2	.005	.003	.17	7.41	<.01	.04	<.001	<.01	<.01	13.36	.09	.023	7.32	3.26	1.27	1.17	<.01	.02	5	64	33	3.13
143759	<.001	.033	<.02	.01	<2	.004	.007	.16	15.15	<.01	.03	<.001	<.01	<.01	9.62	.04	.015	7.45	5.47	.90	.98	<.01	.51	7	12	9	2.98
143760(ROCK)	<.001	.005	<.02	<.01	<2	<.001	.001	.11	4.57	<.01	.05	<.001	<.01	<.01	5.02	.05	.001	1.79	8.85	2.45	1.28	<.01	<.02	3	4	<2	2.31
143761	<.001	.017	<.02	<.01	<2	.007	.006	.15	11.72	<.01	.04	<.001	<.01	<.01	11.79	.02	.023	7.69	5.05	.85	.67	<.01	.09	4	23	19	2.59
143762	<.001	.006	<.02	<.01	<2	.010	.005	.15	8.65	<.01	.02	<.001	<.01	<.01	13.69	.02	.044	8.55	3.64	.57	.32	<.01	.02	5	30	26	2.86
143763	<.001	.006	<.02	<.01	<2	.010	.005	.16	8.47	<.01	.02	<.001	<.01	<.01	14.34	.02	.043	8.95	3.75	.57	.39	<.01	.03	<2	25	16	3.02
143764	<.001	.007	<.02	<.01	<2	.017	.007	.17	9.49	<.01	.02	<.001	<.01	<.01	12.02	.05	.043	10.38	3.61	.51	.32	<.01	.02	7	30	26	2.85
143765	<.001	.004	<.02	<.01	<2	.014	.006	.16	9.15	<.01	.02	<.001	<.01	<.01	13.07	.04	.047	9.36	3.90	.58	.40	<.01	.02	5	42	33	3.03
143766	<.001	.010	<.02	<.01	<2	.013	.006	.17	10.58	<.01	.02	<.001	<.01	<.01	12.55	.14	.041	8.92	4.49	.78	.49	<.01	.05	12	60	42	3.33
143767	<.001	.012	<.02	.01	<2	.009	.006	.17	11.92	<.01	.02	<.001	<.01	<.01	12.68	.29	.025	7.96	4.78	.78	.59	<.01	.07	5	46	38	2.91
143768	<.001	.034	<.02	.01	<2	.009	.007	.18	14.84	<.01	.03	<.001	<.01	<.01	11.23	.49	.014	7.20	5.55	.93	.66	<.01	.21	6	118	113	2.45
STANDARD R-2a/CSB/FA-10R	.052	.584	1.69	4.26	171	.390	.048	.26	26.35	.23	.15	.030	.13	<.01	3.97	.08	.071	2.67	2.76	.50	.63	.09	5.28	495	476	488	-

GROUP 7TD - 0.500 GM SAMPLE, 4 ACID (HF-HClO4-HNO3-HCL) DIGESTION TO 100 ML, ANALYSIS BY ICP-ES.
TOTAL S GROUP 2A BY LECO. AU** PT** & PD** GROUP 3B BY FIRE ASSAY & ANALYSIS BY ICP. (30 gm)
- SAMPLE TYPE: CORE R150 60C Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

Data FA DATE RECEIVED: OCT 20 2004 DATE REPORT MAILED: Nov 8/04



All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of the analysis only.



SAMPLE#	Mo %	Cu %	Pb %	Zn %	Ag gm/mt	Ni %	Co %	Mn %	Fe %	As %	Sr %	Cd %	Sb %	Bi %	Ca %	P %	Cr %	Mg %	Al %	Na %	K %	W %	TOT/S %	Au** ppb	Pt** ppb	Pd** ppb	Sample kg
143769	<.001	.021	<.02	.01	<2	.011	.006	.18	13.30	<.01	.04	<.001	<.01	<.01	11.32	.31	.020	7.83	5.46	1.07	.67	<.01	.13	27	91	69	2.52
143770 a	<.001	.006	<.02	<.01	<2	.010	.005	.15	7.73	<.01	.05	<.001	<.01	<.01	12.07	.06	.040	7.73	4.68	1.33	.71	<.01	.06	<2	19	13	1.63
143770 b	<.001	.006	<.02	<.01	<2	.011	.005	.15	7.98	<.01	.05	<.001	<.01	<.01	12.28	.06	.043	7.97	4.64	1.34	.73	<.01	.05	3	29	30	-
143771	<.001	.013	<.02	.01	<2	.007	.004	.16	7.96	<.01	.07	<.001	<.01	<.01	15.98	.10	.014	5.83	4.11	1.18	1.64	<.01	.24	3	44	29	2.28
143772	<.001	.006	<.02	<.01	<2	.013	.005	.17	8.47	<.01	.02	<.001	<.01	<.01	13.67	.09	.033	8.96	4.01	.79	.53	<.01	.06	4	57	46	2.94
143773	<.001	.007	<.02	.01	<2	.015	.006	.17	9.86	<.01	.02	<.001	<.01	<.01	11.58	.05	.035	9.70	4.39	.82	.45	<.01	.07	5	52	67	3.09
143774	<.001	.018	<.02	.01	<2	.012	.006	.17	10.72	<.01	.02	<.001	<.01	<.01	10.93	.12	.029	9.23	4.89	.93	.60	<.01	.16	<2	50	50	3.16
143775(PULP)	<.001	.622	<.02	.01	3	.278	.020	.13	13.26	<.01	<.01	<.001	<.01	<.01	11.89	.05	.050	7.47	4.29	.13	.06	<.01	3.68	156	832	427	-
143776	<.001	.009	<.02	<.01	<2	.014	.006	.17	9.80	<.01	.02	<.001	<.01	<.01	12.89	.12	.031	9.13	4.40	.77	.54	<.01	.06	2	46	45	3.52
143777	<.001	.011	<.02	.01	<2	.012	.006	.17	11.10	<.01	.03	<.001	<.01	<.01	11.61	.10	.037	8.55	4.86	.90	.80	<.01	.07	3	51	21	3.20
143778	<.001	.016	<.02	<.01	<2	.011	.007	.14	10.91	<.01	.03	<.001	<.01	<.01	10.68	.01	.017	8.84	5.15	.95	1.19	<.01	.14	3	20	28	3.41
143779	<.001	.004	<.02	<.01	<2	.014	.006	.14	8.98	<.01	.03	<.001	<.01	<.01	11.48	.01	.024	9.02	4.85	.89	.87	<.01	<.02	<2	26	24	3.26
143780	<.001	.004	<.02	<.01	<2	.015	.006	.13	9.37	<.01	.03	<.001	<.01	<.01	11.02	.01	.024	8.70	5.30	1.00	1.10	<.01	.03	<2	58	65	2.98
RE 143780	<.001	.004	<.02	<.01	<2	.014	.006	.14	9.58	<.01	.04	<.001	<.01	<.01	11.16	.01	.024	8.83	5.47	1.02	1.12	<.01	.03	<2	53	80	-
RRE 143780	<.001	.005	<.02	<.01	<2	.016	.006	.13	9.36	<.01	.03	<.001	<.01	<.01	10.95	<.01	.024	8.74	5.35	1.00	1.10	<.01	.02	<2	65	85	-
143781	<.001	.012	<.02	<.01	<2	.013	.008	.16	11.71	<.01	.02	<.001	<.01	<.01	11.46	.07	.027	8.99	4.60	.78	.54	<.01	.09	2	74	79	2.41
143782	<.001	.046	<.02	<.01	<2	.007	.010	.14	14.05	<.01	.03	<.001	<.01	<.01	9.83	.02	.004	8.09	5.46	1.02	.87	<.01	.45	<2	13	19	2.51
143783	<.001	.050	<.02	.01	<2	.005	.011	.14	16.07	<.01	.03	<.001	<.01	<.01	10.43	.02	.002	7.74	5.34	.94	.74	<.01	.57	<2	8	8	2.54
143784	<.001	.044	<.02	.01	<2	.003	.011	.14	15.55	<.01	.03	<.001	<.01	<.01	9.76	<.01	.002	7.89	5.85	1.13	.93	<.01	.55	<2	11	12	2.21
143785	<.001	.042	<.02	.01	<2	.005	.009	.13	14.24	<.01	.04	<.001	<.01	<.01	9.66	.02	.006	7.80	5.88	1.09	.96	<.01	.65	<2	8	11	2.60
143786	<.001	.021	<.02	<.01	<2	.006	.008	.14	14.01	<.01	.03	<.001	<.01	<.01	9.84	.02	.011	8.01	5.21	.89	.84	<.01	.39	3	13	10	1.66
143787	<.001	.003	<.02	<.01	<2	.015	.006	.15	8.13	<.01	.02	<.001	<.01	<.01	11.35	.01	.039	10.41	3.26	.49	.68	<.01	.18	<2	10	14	2.30
143788	<.001	.033	<.02	<.01	<2	.008	.007	.14	12.16	<.01	.02	<.001	<.01	<.01	11.78	<.01	.021	8.04	4.22	.70	1.18	<.01	.32	<2	30	24	3.34
143789	<.001	.014	<.02	<.01	<2	.017	.007	.15	10.19	<.01	.01	<.001	<.01	<.01	11.42	.02	.041	10.45	3.23	.42	.62	<.01	.14	<2	23	23	2.72
143790(ROCK)	<.001	.004	<.02	<.01	<2	<.001	.002	.11	4.60	<.01	.05	<.001	<.01	<.01	4.89	.06	.001	1.79	8.82	2.39	1.26	<.01	<.02	3	4	12	2.94
143791	<.001	.015	<.02	.01	<2	.025	.007	.15	9.39	<.01	.01	<.001	<.01	<.01	10.90	.01	.056	12.27	2.70	.32	.25	<.01	.07	3	14	13	3.01
143792	<.001	.002	<.02	<.01	<2	.028	.008	.15	7.90	<.01	.01	<.001	<.01	<.01	11.46	.02	.074	13.85	1.83	.18	.05	<.01	<.02	5	20	29	3.07
143793	<.001	.001	<.02	<.01	<2	.025	.008	.14	7.46	<.01	.01	<.001	<.01	<.01	11.79	.02	.055	13.18	1.73	.22	.06	<.01	<.02	<2	26	23	3.00
143794	<.001	<.001	<.02	<.01	<2	.021	.006	.14	6.77	<.01	.01	<.001	<.01	<.01	12.45	.02	.054	12.11	1.92	.18	.08	<.01	.02	2	53	25	3.06
143795	<.001	.001	<.02	<.01	<2	.015	.003	.14	4.81	<.01	.04	<.001	<.01	<.01	18.42	.01	.037	9.57	1.21	.21	.02	<.01	.03	3	48	36	3.51
143796	<.001	.001	<.02	<.01	<2	.026	.007	.14	7.05	<.01	.01	<.001	<.01	<.01	12.00	.02	.058	12.99	1.70	.24	.09	<.01	.06	<2	35	37	2.48
143797	<.001	.001	<.02	<.01	<2	.025	.007	.14	6.84	<.01	.03	<.001	<.01	<.01	12.15	.02	.063	12.58	1.97	.24	.10	<.01	.05	<2	25	29	3.06
143798	<.001	.005	<.02	<.01	<2	.028	.006	.14	6.90	<.01	.01	<.001	<.01	<.01	10.72	.02	.065	13.06	1.78	.22	.10	<.01	.10	<2	9	20	2.53
143799	<.001	.003	<.02	<.01	<2	.029	.008	.15	7.29	<.01	.01	<.001	<.01	<.01	11.06	.03	.059	12.89	2.00	.28	.14	<.01	.12	<2	62	65	2.85
143800(PULP)	<.001	.097	<.02	<.01	<2	.348	.016	.05	9.68	<.01	<.01	<.001	<.01	<.01	3.47	.01	.353	16.31	2.61	.21	.04	<.01	1.00	15	45	345	-
STANDARD R-2a/CSB/FA-10R	.051	.572	1.66	4.27	172	.380	.047	.25	26.67	.20	.15	.029	.13	<.01	3.89	.08	.062	2.64	2.74	.53	.66	.08	5.38	507	474	473	-

Sample type: CORE R150 60C. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.



SAMPLE#	Mo %	Cu %	Pb %	Zn %	Ag gm/mt	Ni %	Co %	Mn %	Fe %	As %	Sr %	Cd %	Sb %	Bi %	Ca %	P %	Cr %	Mg %	Al %	Na %	K %	W %	TOT/S %	Au** ppb	Pt** ppb	Pd** ppb	Sample kg
143801 a	<.001	.002	<.02	<.01	<2	.031	.008	.14	7.48	<.01	.01	<.001	<.01	<.01	9.79	.02	.063	13.07	1.88	.30	.17	<.01	.04	<2	57	50	3.01
143801 b	<.001	.002	<.02	<.01	<2	.034	.008	.14	7.64	<.01	.02	<.001	<.01	<.01	10.00	.02	.062	13.43	1.96	.30	.19	<.01	.05	<2	53	52	-
143802	<.001	.001	<.02	<.01	<2	.032	.007	.14	7.17	<.01	.03	<.001	<.01	<.01	10.33	.02	.070	12.87	2.28	.37	.16	<.01	.06	<2	10	17	3.33
143803	<.001	.001	<.02	<.01	<2	.026	.006	.14	6.52	<.01	.04	<.001	<.01	<.01	12.01	.03	.068	11.65	2.10	.29	.35	<.01	.07	<2	22	23	2.81
143804	<.001	<.001	<.02	<.01	<2	.018	.005	.15	6.25	<.01	.03	<.001	<.01	<.01	11.72	.03	.065	10.84	1.93	.39	1.27	<.01	.03	<2	24	18	1.86
143805	<.001	<.001	<.02	<.01	<2	.014	.003	.14	5.63	<.01	.11	<.001	<.01	<.01	15.11	.02	.070	9.31	2.23	.34	.69	<.01	<.02	<2	15	11	1.87
STANDARD R-2a/CSB/FA-10R	.049	.572	1.67	4.17	162	.396	.044	.24	26.04	.19	.15	.028	.12	<.01	3.61	.07	.065	2.51	2.62	.47	.70	.08	5.33	498	491	488	-

Sample type: CORE R150 60C.

APPENDIX D

APPENDIX D

COST STATEMENT

HOLE	DEPTH	D.J.INVOICE #	AMOUNT	ACME INVOICE #	AMOUNT	SUB-TOTAL
04-27	264.0m	106	24,435.73	402473 402479	1,298.31 1,176.84	26,910.88
04-28	233.15m	106 109	18,131.00 4,223.10	402480 402612	2,007.96 2,060.02	26,422.08
04-31	113.7m	124	11,157.15	403879	1,751.13	12,908.28
04-34	120.4m	124	11,280.35	404191 404441	2,252.29 1,206.60	14,739.24
04-35	166.4m	124	15,859.45	404442	3,938.16	19,797.61
04-38	120.7m	124	11,473.30	404668	516.10	11,989.40
04-39	148.1m	124 126	5,969.50 8,191.60	404846	4,330.29	18,491.39
04-41	96.3m	128	12,485.50	405237	2,945.38	15,430.88
04-42	76.5m	128	7,763.75	405238	1,685.87	9,449.62
04-43	158.8m	128	14,729.80	405239	5,353.15	20,082.95
04-44	124.1m	128	11,981.25	406561	2,852.84	14,834.09
242 core boxes @ \$11.50 each=						2,783.00
Report preparation and data review						4,000.00
TOTAL						197,839.42

APPENDIX E

APPENDIX E

STATEMENT OF QUALIFICATIONS

ANTHONY HITCHINS

I, Anthony Hitchins, with address at 1648 Mayneview Terrace, North Saanich, B.C., certify the following :

1. I graduated with a B.A.Sc. degree in engineering geology from the University of Toronto in 1970 and an M.Sc. in geology, also from the University of Toronto, in 1973.
2. From 1970 until 1994 I worked in mineral exploration in Nova Scotia, Ontario, British Columbia, and Yukon for the Amax-Canamax group of companies in positions of increasing responsibility from field geologist to project manager. Exploration environments included Archean greenstone belts (gold and base metals), Paleozoic sedimentary belts (shale and carbonate hosted Pb-Zn-Ag), and Mesozoic intrusive and skarn environments (Au, Mo, W, Pb-Zn-Ag, and Cu-Fe).
3. Between 1994 and 1998, I was district exploration manager for Cyprus Gold in Western Australia and responsible for supervising both joint venture and Cyprus funded gold exploration projects.
4. From 1998 to the present I have worked as project manager for junior exploration companies in Nevada and British Columbia.
5. During 2003 and 2004, I was project manager for the exploration program on the Turnagain property and logged some of the drill core.

STATEMENT OF QUALIFICATIONS

CHRIS BALDYS

I, CHRISTOPHER BALDYS, P.Eng. do hereby certify that :

1. I am a Consulting Geologist with residence and business address at 23035 Cliff Avenue, Maple Ridge, British Columbia.
2. I graduated in 1980 with a degree in mining geology from the University of Mining and Metallurgy in Cracow, Poland
3. I have practiced my profession in Poland between 1980 and 1983 and in mineral exploration and mining in Canada since 1984.
4. I have been registered with the Association of Professional Engineers and Geoscientists of British Columbia since 1990.
5. I am responsible for the preparation of drill logs and geological interpretation for the purpose of this Assessment Report.