CME

ASSESSMENT REPORT
CORE RELOGGING AND RESAMPLING
on the
Harper Creek Mineral Claims
(501147, 501225, 501608, 501799, 502498, 502603)
(502606, 506422, 509215, 509217, 514183)

Kamloops Mining Division, British Columbia, Canada
NTS 82M/12
Latitude: 51°33'N
Longitude: 119°42'W
Owner: Yellowhead Mining Inc., Cygnus Mines Ltd.
Operator: Yellowhead Mining Inc.

by

Christopher O. Naas, *P.Geo.*
July 11, 2006

SUMMARY

The Harper Creek Mineral Claims are located in the North Thompson area of British Columbia, south of the village of Vavenby and cover the Harper Creek copper deposit.

The Vavenby area is underlain by Paleozoic Eagle Bay Assemblage and Fennell Formation rocks, located within the Kootenay Terrane. The Eagle Bay Assemblage has been intruded by Devonian(?) and Cretaceous granitic rocks, and is overlain by Miocene basalts.

The current work program consisted salvaging historical diamond drill core for relogging and resampling with a goal of confirming historically report copper grades and conducting multi-element analysis. Relogging of the drill core was conducted to further understand the lithology of the host rocks and develop controls on the mineralization

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1.0 INTRODUCTION

This report details the results of the work program conducted on the mineral claims with tenure numbers 220773, 220774, 501225, and 502498 (part of the Harper Creek Mineral Claims) from October 21st to December 19th, 2005.

1.1 LOCATION AND ACCESS

The Harper Creek Mineral Claims are located on NTS mapsheet 82M/12 and geographically centred at 51°33'N and 119°42'W.

Road access is gained to claims via the Yellowhead Highway (Highway 5) to the village of Vavenby. The claims are located on the south side of the North Thompson River. Forest service roads offer excellent access to the claims. The Canadian National Railway mainline also passes through this area (Figure 1).

Topography is moderate to steep with elevations ranging from 1,300 metres to 1,800 metres. The area is the site of active logging and consists of a thick coniferous forest cover with heavy underbrush to wide open clear cuts. At higher elevations, small marshy alpine meadows occur (Belik, 1973).

1.2 TITLE

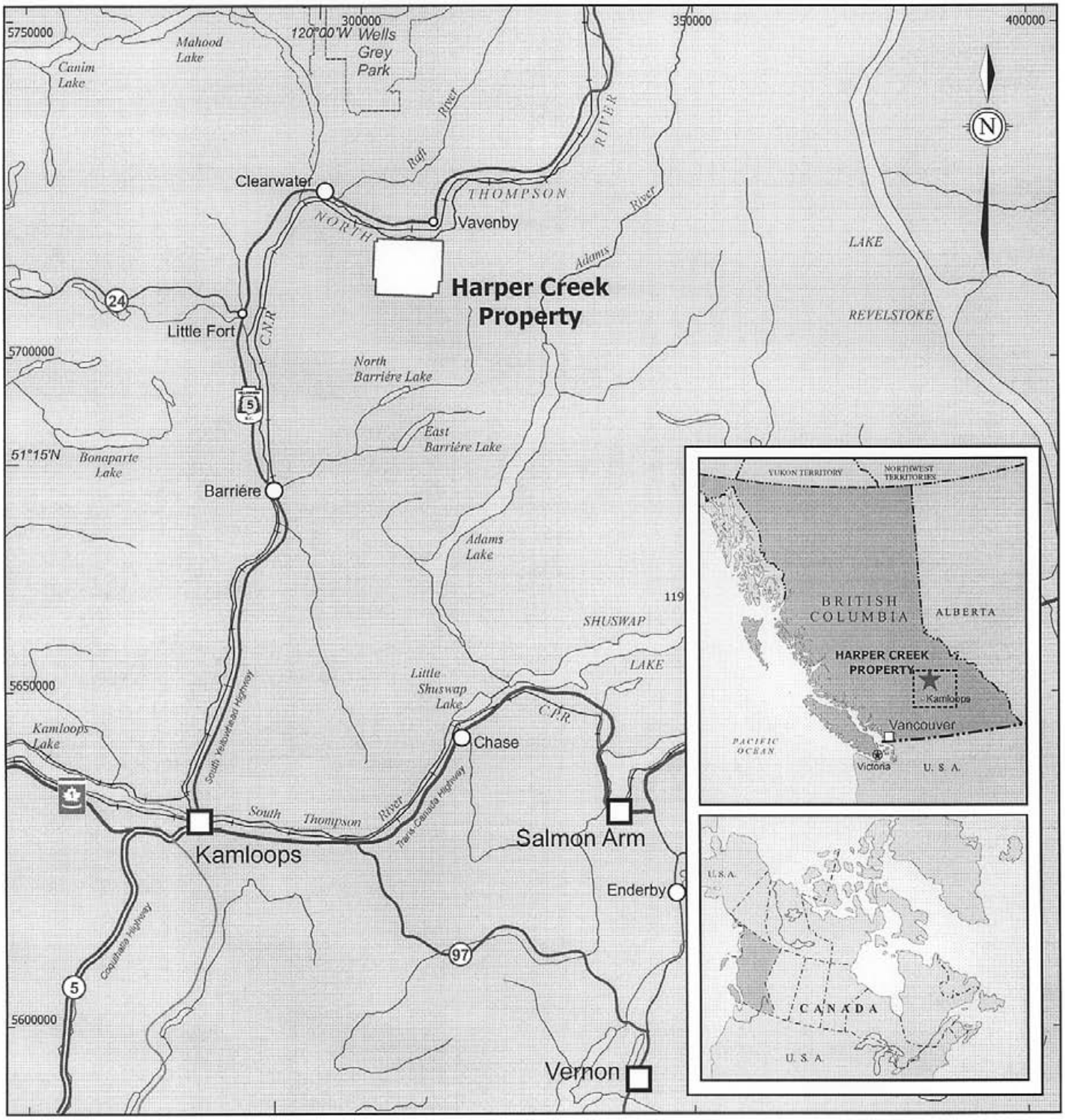
The Harper Creek Property consists of claims owned by Yellowhead Mining and Cygnus Mines Ltd. Yellowhead Mining Inc. has entered into an option agreement with Cygnus Mines Ltd. Claim details are listed below and shown on Figure 2.

Table 1: Claim Status, *Harper Creek Property*

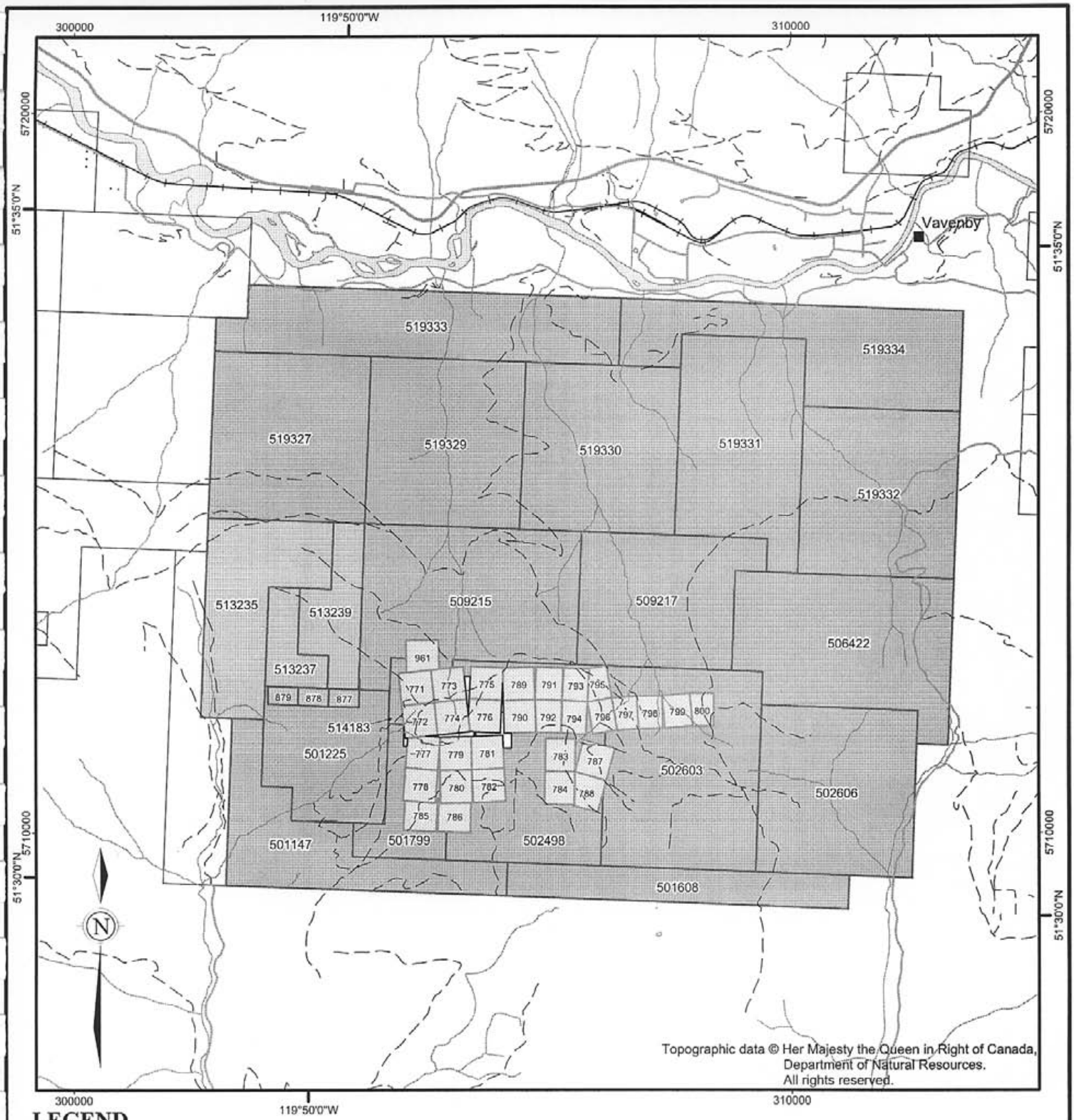
Tenure Number	Area	Owner	Good To Date	Claim Type
501147	342.023	Yellowhead Mining Inc.	Nov 3, 2006	MTO Cell
501225	301.712	Yellowhead Mining Inc.	Nov 3, 2006	MTO Cell
501608	221.325	Yellowhead Mining Inc.	Nov 3, 2006	MTO Cell
501799	181.048	Yellowhead Mining Inc.	Nov 3, 2006	MTO Cell
502498	583.317	Yellowhead Mining Inc.	Nov 3, 2006	MTO Cell
502603	603.425	Yellowhead Mining Inc.	Nov 3, 2006	MTO Cell
502606	502.873	Yellowhead Mining Inc.	Nov 3, 2006	MTO Cell
506422	562.992	Yellowhead Mining Inc.	Nov 3, 2006	MTO Cell
509215	603.167	Yellowhead Mining Inc.	Nov 3, 2006	MTO Cell
509217	422.206	Yellowhead Mining Inc.	Nov 3, 2006	MTO Cell
514183	40.221	Yellowhead Mining Inc.	Nov 3, 2006	MTO Cell
519327	502.428	Yellowhead Mining Inc.	Aug 25, 2006	MTO Cell
519329	502.428	Yellowhead Mining Inc.	Aug 25, 2006	MTO Cell
519330	502.426	Yellowhead Mining Inc.	Aug 25, 2006	MTO Cell

Table 1: Claim Status, *Harper Creek Property (cont'd)*

Tenure Number	Area	Owner	Good To Date	Claim Type
519331	502.408	Yellowhead Mining Inc.	Aug 25, 2006	MTO Cell
519332	502.467	Yellowhead Mining Inc.	Aug 25, 2006	MTO Cell
519333	502.27	Yellowhead Mining Inc.	Aug 25, 2006	MTO Cell
519334	462.093	Yellowhead Mining Inc.	Aug 25, 2006	MTO Cell
513235	321.698	Yellowhead Mining Inc.	Sept 28, 2006	MTO Cell
513237	80.434	Yellowhead Mining Inc.	Jul 18, 2006	MTO Cell
513239	140.745	Yellowhead Mining Inc.	May 26, 2006	MTO Cell
220877	25.0	Yellowhead Mining Inc.	Sept 28, 2006	Legacy Claim
220878	25.0	Yellowhead Mining Inc.	Sept 28, 2006	Legacy Claim
220879	25.0	Yellowhead Mining Inc.	Sept 28, 2006	Legacy Claim
220771	25.0	Yellowhead Mining Inc.	Jul 13, 2006	Legacy Claim
220772	25.0	Cygnus Mines Ltd.	Jul 13, 2006	Legacy Claim
220773	25.0	Cygnus Mines Ltd.	Jul 13, 2006	Legacy Claim
220774	25.0	Cygnus Mines Ltd.	Jul 13, 2006	Legacy Claim
220775	25.0	Cygnus Mines Ltd.	Jul 13, 2006	Legacy Claim
220776	25.0	Cygnus Mines Ltd.	Jul 13, 2006	Legacy Claim
220777	25.0	Cygnus Mines Ltd.	Jul 13, 2006	Legacy Claim
220778	25.0	Cygnus Mines Ltd.	Jul 13, 2006	Legacy Claim
220779	25.0	Cygnus Mines Ltd.	Jul 13, 2006	Legacy Claim
220780	25.0	Cygnus Mines Ltd.	Jul 13, 2006	Legacy Claim
220781	25.0	Cygnus Mines Ltd.	Jul 13, 2006	Legacy Claim
220782	25.0	Cygnus Mines Ltd.	Jul 13, 2006	Legacy Claim
220783	25.0	Cygnus Mines Ltd.	Jul 13, 2006	Legacy Claim
220784	25.0	Cygnus Mines Ltd.	Jul 13, 2006	Legacy Claim
220785	25.0	Cygnus Mines Ltd.	Jul 13, 2006	Legacy Claim
220786	25.0	Cygnus Mines Ltd.	Jul 13, 2006	Legacy Claim
220787	25.0	Cygnus Mines Ltd.	Jul 13, 2006	Legacy Claim
220788	25.0	Cygnus Mines Ltd.	Jul 13, 2006	Legacy Claim
220789	25.0	Cygnus Mines Ltd.	Jul 13, 2006	Legacy Claim
220790	25.0	Cygnus Mines Ltd.	Jul 13, 2006	Legacy Claim
220791	25.0	Cygnus Mines Ltd.	Jul 13, 2006	Legacy Claim
220792	25.0	Cygnus Mines Ltd.	Jul 13, 2006	Legacy Claim
220793	25.0	Cygnus Mines Ltd.	Jul 13, 2006	Legacy Claim
220794	25.0	Cygnus Mines Ltd.	Jul 13, 2006	Legacy Claim
220795	25.0	Cygnus Mines Ltd.	Jul 22, 2006	Legacy Claim
220796	25.0	Cygnus Mines Ltd.	Jul 22, 2006	Legacy Claim
220797	25.0	Cygnus Mines Ltd.	Jul 22, 2006	Legacy Claim
220798	25.0	Cygnus Mines Ltd.	Jul 22, 2006	Legacy Claim
220799	25.0	Cygnus Mines Ltd.	Jul 22, 2006	Legacy Claim
220800	25.0	Cygnus Mines Ltd.	Jul 22, 2006	Legacy Claim
220961	25.0	Cygnus Mines Ltd.	Jul 31, 2006	Legacy Claim



YELLOWHEAD MINING INC.			
LOCATION MAP			
Harper Creek Project Kamloops M.D., British Columbia, Canada			
Project No:	P60	By:	TV
Scale:	1:850,000	Drawn:	TV
Figure:	1	Date:	July 2006
CME			



LEGEND

- Yellowhead Mining's Harper Creek Property (as of February 27, 2006) labelled with tenure number (last three digits for legacy claims; all with 220 prefix)
  - Optioned from CM Resources / Cygnus
  - Acquired from Argent Resources (pending)
  - Optioned from Callingham
- Other properties (as of February 27, 2006)

Topography

- Watercourse
- Railway
- Paved road
- Rough road
- Wetland
- Sand
- Waterbody

0 1 2 km

NAD83 UTM Zone 11N
NTS 82M12/M5

YELLOWHEAD MINING INC.

CLAIM LOCATION MAP
Harper Creek Property

Harper Creek Project
Kamloops M.D., British Columbia, Canada

Project No:	P60	By:	CN
Scale:	1:75,000	Drawn:	EM
Figure:	2	Date:	July 2006

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2.0 REGIONAL GEOLOGY

2.1 GEOLOGY

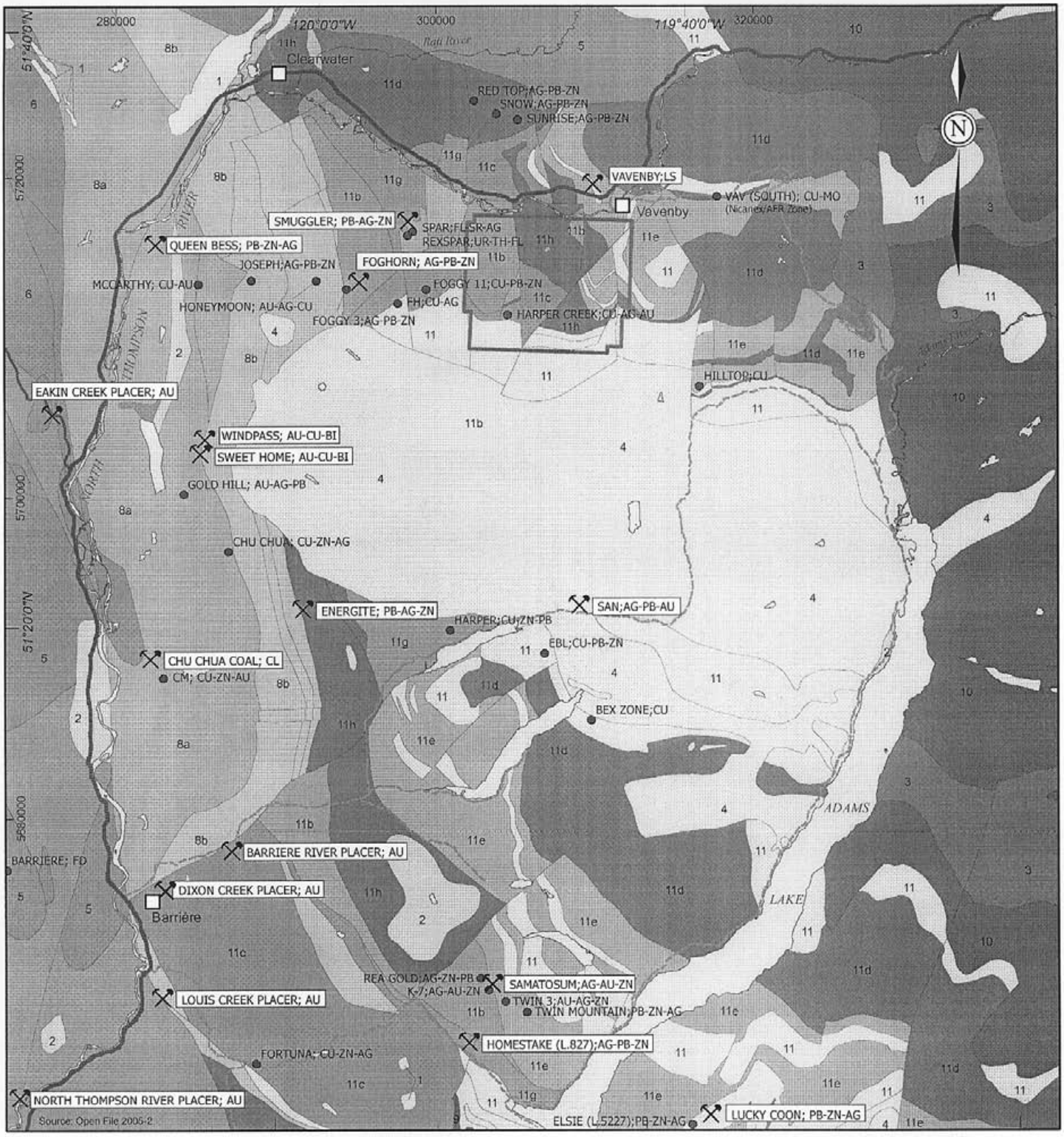
Within the Kootenay terrane of the Omineca Belt, the Eagle Bay Assemblage is a succession of more or less metamorphosed and complexly deformed sediments with subordinate mafic and felsic volcanics. Limestones are also observed in this thick complex that ranges from Proterozoic to Triassic (Figure 3).

The Fennell Formation to the northeast comprises Devonian to Permian oceanic rocks of the Slide Mountain terrane, which were tectonically emplaced over the Mississippian rocks of the Eagle Bay assemblage early in Mesozoic time. Both the Eagle Bay and Fennel rocks were folded and metamorphosed during the Jura-Cretaceous Columbian orogeny with a lower greenschist metamorphic grade. The metamorphism increases sharply to amphibolite facies to the eastern and northeastern margins. Both units were also cut by mid-Cretaceous granitic intrusives, the Raft batholite to the north and the Baldy batholite the south of the North Thompson River and a set of Early Tertiary quartz feldspar porphyry, basalt and lamprophyre dykes (Schiarizza and Preto, 1987).

Palcozoic rocks of the Eagle Bay assemblage (Lower Cambrian to Mississippian metasedimentary and metavolcanic rocks) are contained within four west directed thrust slices that collectively contain Cambrian quartzites and mica schists (Units EBH and EBQ) and mafic metavolcanisics and limestones (Unit EBG), Cambro-Ordivician dominant fine to coarse-grained clastic metasediments intercalated with carbonate, mafic to felsic volcanic horizons (Unit EBS). Rock package overlain by Devono-Mississippian dark grey phyllites, sandstones and grits on top (Unit EBP) and possibly older mafic to intermediate metavolcanic rocks (Units EBA and EBF).

2.2 MINERALIZATION

The Eagle Bay assemblage hosts a large number and wide variety of mineral occurrences. Their general characteristics allow the most important mineralizations to be grouped into several types (Schiarizza and Preto, 1987), such as Ag, Pb, Zn stratabound massive sulfides within metasedimentary rocks (Units EBG and EBQ), Cu, Zn, Co volcanogenic massive sulfides (Fennell Formation) and Au, Ag, Zn, Pb, Cu, barite volcanogenic massive sulfides (Units EBA and EBF) (Figure 3).



LEGEND

Quaternary
- 1 Basaltic volcanics

Tertiary
- 2 Kamloops Group: undifferentiated volcanics

Tertiary-Mesozoic
- 3 Granite, quartz porphyry

Mesozoic
- 4 Baldy Batholith: quartz monzonite
- 5 Granodioirite
- 6 Nicola Group: sediments

Mesozoic-Paleozoic
- 7 Harper Ranch and(?) Nicola Groups: seds

Paleozoic
- 8a/8b Fennell Assemblage: Upper/Lower Structural Division basaltic volcanic/marine sediments, volcanics
- 9 Mount Ida Assemblage: metamorphics (calcsilicates)

Proterozoic-Paleozoic
- 10 Shuswap Assemblage
- 11 Eagle Bay Assemblage: undifferentiated
  - 11a Dixon Ridge Unit
  - 11b Foghorn Mountain Unit
  - 11c Forest Lake Unit
  - 11d Graffunder Lakes Unit
  - 11e Johnson Lake Unit
  - 11f Rexspar Unit
  - 11g Skwaam Bay Unit
  - 11h Slate Creek Unit

Mineral Occurrences (BC Minfile)
- Past Producer
- Developed Prospect
- Prospect

YELLOWHEAD MINING INC.

REGIONAL GEOLOGY AND ECONOMIC SETTING
Harper Creek Deposit

Harper Creek Project
Kamloops M.D., British Columbia, Canada

Project No:	P60	By:	EM, TV
Scale:	1:350,000	Drawn:	TV
Figure:	3	Date:	July 2006

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3.0 LOCAL GEOLOGY

3.1 LITHOLOGY

Eagle Bay Assemblage

The Eagle Bay Assemblage comprises four northwest-dipping thrust sheets (Schiarizza and Preto, 1987). Schiarizza (1985) divides the Eagle Bay Assemblage in the Vavenby area into eight units. At the base of the formation is a quartz-dominated succession (Unit 1) of unknown age. This is overlain by a succession of felsic to intermediate metavolcanic rocks (Units 2 and 3), and fine to coarse clastic metasedimentary rocks (Units 4 and 5) of Devonian and Mississippian age. Structurally above these rocks is a mafic metavolcanic-limestone division (Unit 6) of Cambrian age, overlain by intermediate metavolcanics (Unit 7). The carbonate member of Unit 6 is referred to as the Tshinakin limestone. The structurally highest division of the Eagle Bay Formation comprises clastic metasedimentary rocks of Unit 8. These rocks are overturned, however, and Unit 8 may be the oldest unit within the Eagle Bay succession. Figure 4 presents geology of the Vavenby area.

Orthogneiss

The Devonian(?) Orthogneiss consists of quartzo-feldspathic orthogneiss. It is typically a weakly to moderately foliated rock, consisting of lenses and augen of quartzo-feldspathic material enclosed in "seams" of chlorite-sericite schist. Locally it grades to virtually massive granitic rock or conversely to strongly foliated chlorite-sericite schist containing large quartz augen. Biotite is an important component of the gneiss within the thermal aureole of the Baldy batholith.

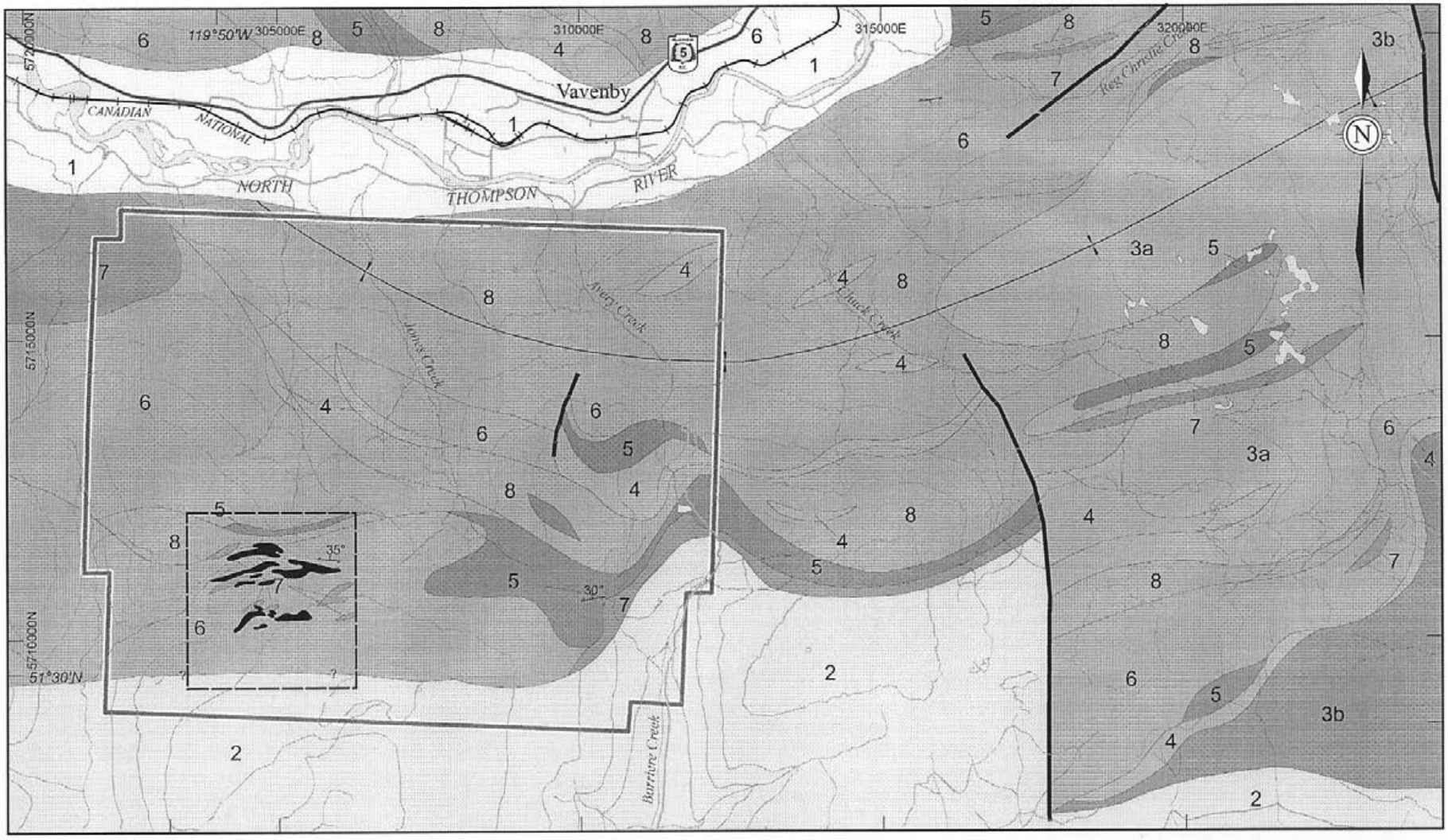
Fennell Formation

The Upper Permian-Lower Mississippian Fennell Formation in the Adams Plateau-Clearwater area, has been divided into two units by Schiarizza and Preto (1984). The lower unit is a heterogeneous assemblage of bedded chert, gabbro, diabase, and pillow basalt, which also includes units of sandstone and phyllite, Devonian aged quartz-feldspar porphyry rhyolite, and intraformational conglomerate. The upper unit is a succession of pillow and massive basalt with minor amounts of bedded chert, gabbro, basaltic breccia and tuff.

Schiarizza (1985) does not divide the Fennell Formation into two units in the Vavenby area, rather uses one unit containing rocks as previously described by Schiarizza and Preto (1984).

Granitic Rocks

Cretaceous granite and granodiorite of the Raft and Baldy batholiths intrude Eagle Bay Formation rocks. In contrast to the abrupt northern contact of the Baldy batholith, a broad zone of intermixed metasedimentary and granitic rocks marks the southern margin of the Raft batholith.



LEGEND

GEOLOGY

- Alluvium

Baldy Batholith

- Granodiorite

Eagle Bay Formation

- Sediments, ± felsic volcanics
- Limestone
- Argillite
- Felsic volcanics
- Felsic flows
- Mafic volcanics

SYMBOLS

- Syncline axis
- Fault
- 30° Foliation
- Surface expression of mineralization
- Area of diamond drilling
- Harper Creek Property boundary

0 2km

NAD83 UTM Zone 11N
NTS 82M12/M5

YELLOWHEAD MINING LTD.

PROPERTY GEOLOGY MAP

Harper Creek Project
Kamloops M.D., BC, Canada

Project No:	P60	By:	CN
Scale:	1:100,000	Drawn:	TV
Figure:	4	Date:	July 2006

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Basalt

The flat-lying, undeformed Miocene basalt flows are the easternmost representatives of an extensive mass of Late Miocene to Pliocene plateau lavas which cover much of the area to the west and northwest of Vavenby (Campbell and Tipper, 1971).

3.2 STRUCTURE

Schiarizza (1985) describes the four types of structures that exist in the Vavenby area (Figre 4):

1. an early metamorphic foliation, axial planar to very rare small isoclinal folds, which is locally observed to be discordant to and/or folded about the dominant second generation schistosity.
2. variably oriented, but most commonly north to east-plunging isoclinal folds; the dominant syn-metamorphic schistosity is axial planar. Throughout most of the area this schistosity is parallel to bedding.
3. northwest-trending folds and crenulation with axial planar crenulation cleavage. Axial surfaces generally dip steeply to the northeast or southwest.
4. east-west trending upright folds, kinks, and crenulations of probable Tertiary age. The folds are often most prominently developed adjacent to northerly trending faults.

4.0 WORK HISTORY

Noranda staked the western part of the Harper Creek Deposit in April 1966 as a result of reconnaissance geochemical work. Ground to the east and south was staked for Quebec Cartier Mining Co., a subsidiary of U.S. Steel Corp. in June 1966. Exploration was carried out independently until 1970 at which time a joint venture was formed, with Noranda as the operator.

Exploration work has included soil geochemistry, trenching, geophysics (mag, EM, IP) and diamond drilling between 1967 and 1973. Over 14 kilometres of trenching and 130 diamond drill holes have been completed (Belik, 1973).

In 1972, the claims to the east of the Harper Creek deposit were worked by Cariboo Syndicate, who carried out surface geological mapping, soil sampling and trenching (EMPR, 1973). By 1978 the original claims had lapsed and Cominco restaked the ground and conducted a geochemical survey (750 samples) and geological mapping.

In 1987, Aurun Mines Ltd. entered into an option agreement with Quebec Cartier and conducted some geological mapping and diamond drilling on the Harper Creek deposit. In May 1988, Phillips Barratt Keizer Engineering Ltd. (PBK) produced a pre-feasibility report for Aurun.

A geological resource of 96 Mt grading 0.41% Cu, 0.045 g/t Au and 2.5 g/t Ag was reported for the deposit. Of this, a "mineable ore" resource of 65.34 Mt grading 0.36% Cu, 0.040 g/t Au and 2.2 g/t Ag is reported by PBK (1988).

In 1990, Goldbank Ventures staked the area east of Harper Creek. Prospecting was carried out in 1991 and returned up to 2056 ppm Cu, 441 ppm Pb, 206 ppm Zn and 5.4 ppm Ag from soil samples. (Hayes, 1992). The soil anomaly was designated the M anomaly, which incorporated the results from previous operators.

In 2002, the AVERY and JONES claims were staked by the author. In 2003, a differential GPS survey was performed on the claims.

In 2004, a soil and rock sampling program was undertaken to investigate the potential eastern strike of the Harper Creek deposit. Work consisted of 317 soil samples and 101 rock samples. Four sub-parrallel copper anomalies were identified and appear to be sub-parallel to the regional geological trend. They ranged in length from approximately 300 metres to 1200 metres with and average width of approximately 100-200 meters. Soil sample values range form 164 to 1244 ppm Cu (Naas, 2004).

Prospecting returned a total of 8 samples of greater than 1000 ppm Cu. One sample returned 4.7% Cu and 47.5 g/t Ag. All anomalous rock samples were located within or close to the copper-in-soil geochemical anomalies (Naas, 2004).

In 2004, the SANDRA, ISABEL and STEPHANIE claims were staked by the author. A differential GPS survey was performed on the SANDRA 1-6 claims during the same year.

In 2005 the AVERY, JONES, SANDRA and ISABEL legacy claims were converted to the new cell claims under Mineral Titles Online. Following the conversion, in the same year, the HARPER 1 (501147) and HARPER 2 (501608) cell claims were staked by the author.

During 2005, further soil sampling was carried out consisting of infill soil sampling of the 2004 soil grid and the extension of this grid further to the east, north and south. A total of 8.6 km of uncut grid lines and 0.6 km of baseline were established from which 386 soil samples were collected.

The 2005 soil sampling program further defined the gold-in-soil anomaly referred historically as the M anomaly. A total of 12 sub-parallel copper anomalies ranging from 100 metres to 900 metres in length and 50 metres to 200 metres in width are now developed.

The geochemical anomalies trend southeast to northwest, sub-parallel to topographic elevation. This is in contrast to the northeast-southwest trend shown after the 2004 soil program (Naas, 2005).

5.0 CURRENT WORK

5.1 INTRODUCTION

The current work program consisted salvaging historical diamond drill core for relogging and resampling with a goal of confirming historically report copper grades and conducting multi-element analysis. Relogging of the drill core was conducted to further understand the lithology of the host rocks and develop controls on the mineralization

A significant portion of 11 drill holes were successfully salvaged from the old core storage racks on the property. Core boxes were cut free from the racks and transported to Kamloops where the relogging and resampling was carried out.

The drill holes and footage salvaged are listed in the table below.

Table 2: List of recovered drill holes

Drilled by	Hole	Footage recovered
Noranda	J5X	from 725 to 891'
	J17	from 147 to 1205'
	J25	from 17 to 149'
		from 154 to 175'
		from 180 to 295'
		from 318 to 609'
		from 632 to 705'
	J26	from 15 to 190'
		from 210 to 496'
		from 518 to 810'
		from 834 to 888'
	J27	from 20 to 243'
		from 270 to 551'
		from 574 to 854'
	J33	from 15 to 520'
		from 544 to 813'
		from 861 to 1121'
	J35	from 820 to 918'
	J36	from 175 to 295'
		from 318 to 573'
		From 595.5 to 838'
	NH11	from 30 to 355'
American Comstock	96-3	from 4.57 to 380.09 m
	96-4	from 6.1 to 242.01 m

A total of 997 samples were collected from the Noranda and American Comstock diamond drill holes; one meter samples from the more recent American Comstock holes and three meter samples from the 1968-1971 Noranda holes. Every sample was assayed for Cu, Au and

Pd and ICP (28 elements). A set of 50 samples was also collected for further research like TR analyses and optical microscopy studies to be recommended in the future.

5.2 GEOLOGICAL OBSERVATIONS

The Harper Creek property is a large, tabular, low-grade copper deposit enclosed within a series of sericite and/or chlorite- rich phyllites and very siliceous horizons reported as Unit EBA.

The copper mineralization includes disseminated sulfides, vein and fracture controlled sulfides and massive to semi massive sulfide and sulfide-magnetite layers (Preto, 1971; Belik, 1973). The disseminated sulfide zones (pyrite, pyrrhotite, chalcopyrite) are approximately parallel to the trend of bedding and foliation. These sulfide zones were originally associated with quartz-sericite-chlorite phyllites resulting from the regional metamorphic transformation of felsic flows, mafic tuffs, tuffaceous and, locally graphitic, sediments. Mineralization, associated with late chlorite, was supposedly post- metamorphism and generated by fluids of probable hydrothermal metamorphic origin (Belik, 1973). Phillips Barrat Kaiser, while preparing a pre-feasibility study, unofficially put forward the possibility of semiconformable mineralization related to VMS deposits. Höy (1997) recently defended a similar hypothesis quoting the large semi-conformable alteration zones described by Morton and Franklin (1987) beneath some massive sulfide deposits.

Lithological observations:

- Most of the rocks observed in the drill core are composed of a quartz-sericite-chlorite assemblage, variations being mainly in the respective proportion of these minerals. A uniformity that is only locally disturbed where alteration is less important (or less effective) and where augen rhyolite, graphitic shale or mafic tuffs can be recognized.
- Out of this alteration zone, graphitic shales and mafic tuffs or flows have undergone a greenschist metamorphism characterized by the recrystallization of sericite and/or chlorite light enough to allow an easy determination of the original lithology.
- Graphitic shales observed on the fringe of the quartz-sericite-chlorite hydrothermal assemblage clearly show a sharp recrystallization contact associated with discoloration and hydraulic hydrothermal pressures resulting in the shattering of the shale.
- Pending more observations, it is already reasonable to think that the quartz-sericite-chlorite assemblage is a rather intense hydrothermal alteration superimposed on a previous low-grade regional metamorphism.

Lithogeochemical observations:

- In the quartz-sericite-chlorite hydrothermal assemblage, Na depletion is remarkable, with values never exceeding 0.1%.
- In the quartz-sericite-chlorite hydrothermal assemblage, mafic material can be easily recognized by the abundance of greenish chlorite associated with relatively higher values of Al, Co, Fe, Ca, Sr, Mg, Mn, Ni, V, Ti, Cr.

- Other chlorite-rich lenses are recognized in the drill hole sequences. They are associated with some sericite and large amounts of limpid quartz. The quartz often shows whitish or greenish or bluish colors. Their composition shows a relatively slight increase in Mg, Al and Ca. An interesting feature are commonly observed close and, apparently, in association with these chloritic lenses: a bright red, very fine-grained hematite tainted, fractured or even brecciated zone, a few centimeters to one meter thick running in the middle of the chlorite silicified zone. Also, bright orange or red crystals, specks, spots or lenses of siderite may often be seen in the chlorite-rich rock, concentrated almost symmetrically on both sides of the quartz, chlorite-rich horizon and/or close to the red line. Talc may also be found associated with the chlorite, inside the red line or in close vicinity.
- Most of the whitish or beige "quartzites" and quartz - sericite rocks are completely barren of pyrite. However, some quartz-sericite zones located in the drill holes above the non-volcanic chloritic lenses show abundant quartz-sericite-pyrite assemblages (locally with features that resemble white augen rhyolites) and may be associated with a thin red line, calcite and minor siderite.

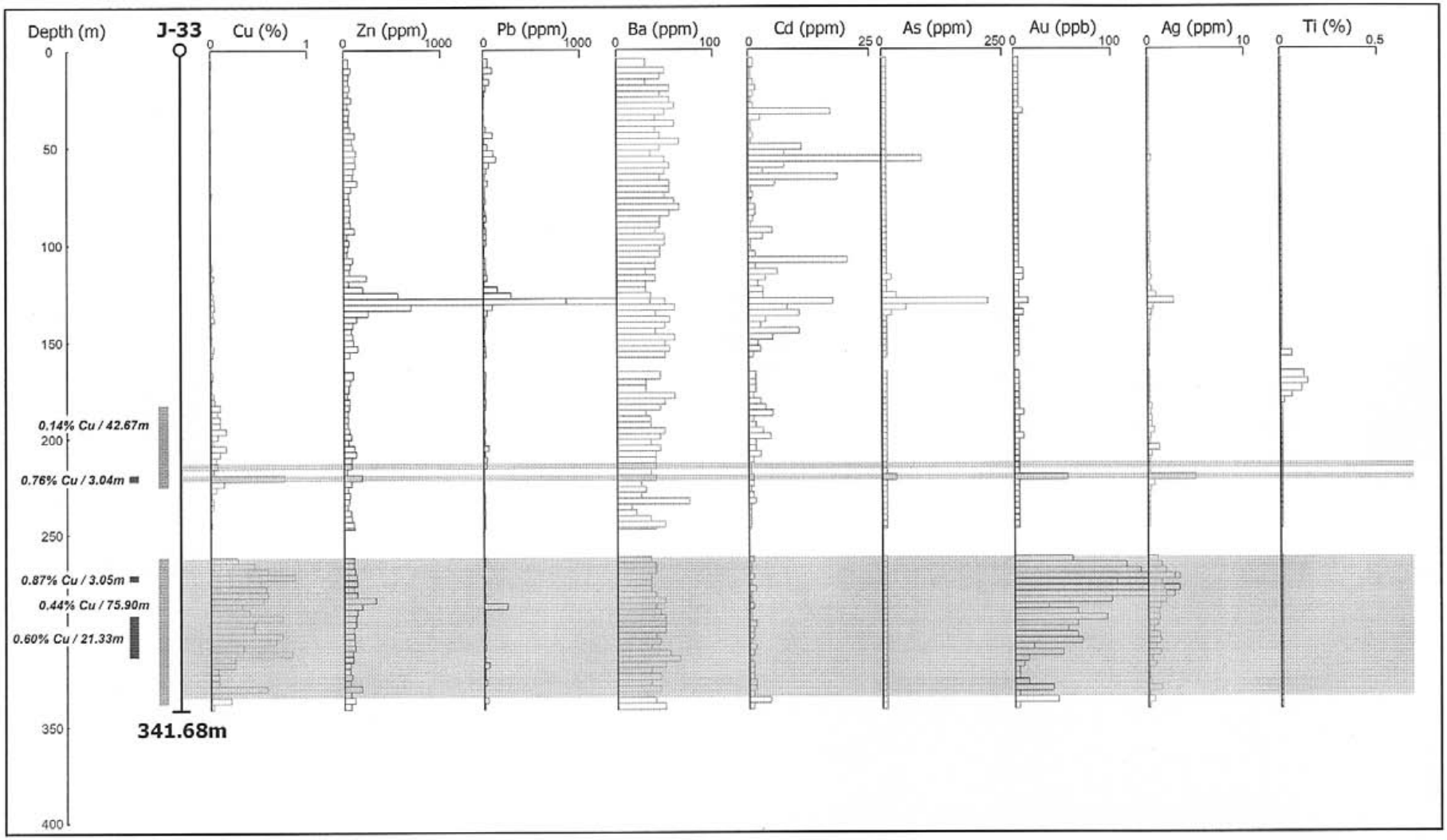
Copper Mineralization:

- Chalcopyrite is the most important Cu mineral and tends to rim and replace the euhedral, diagenetic or metamorphic pyrite. Traces of sphalerite, galena, arsenopyrite and molybdenite were also observed.
- There is no mineralization in the hydrothermally altered mafic tuffs. Copper mineralization is clearly associated with the non-volcanic chloritic lenses. Zinc (200 to 1,000 ppm) and Pb (50 to 250 ppm) anomalies appear to be associated with the quartz-sericite-pyrite assemblages.
- Cu is clearly associated with Ag and Au and partly correlated with Mo. Outside the zones with copper mineralization, Au shows some correlation with As. From the bottom to the top of the drill holes, we observe a mineral zonation with a progressive passage from Cu to Zn and from Zn to Pb. Ba is present all along the zonation but shows a better correlation with Zn and Pb.
- As and traces of Cd are more commonly associated with Zn – Pb.

Precious Metal Mineralization

Sampling during the current work program confirmed the presence of precious metal content. Calculated correlation coefficients (at 95% confidence) for Cu/Au and Cu/Ag are 0.772 and 0.849, respectively (moderate to high correlation). This is further shown in the strip log example (Figure 4) which show positive correlation of gold and silver grades respect to copper grades.

Gold and silver grades for selected copper intersections from the current work program are presented in Table 2.



LEGEND

0.69% Cu / 18m Significant intersections (copper)

>0.1% Cu

>0.6% Cu

Strong chlorite alteration zone

YELLOWHEAD MINING LTD.			
DDH STRIP LOG J-33 Harper Creek Project Kamloops M.D., BC, Canada			
Project No:	P60	By:	TV
Scale:	schematic	Drawn:	TV
Figure:	5	Date:	July 2006
CME			

Table 3: Precious Metal Grades for Selected Intersections; *Current Work Program*

Hole	Interval (m)			Results		
	From	To	Length	Cu (%)	Au (g/t)	Ag (g/t)
NH-11	36.58	54.86	18.28	1.10	0.082	5.7
J-33	292.61	313.94	21.33	0.60	0.060	1.1
J-26	176.78	210.31	33.53	0.71	0.096	1.9
96-3	252.00	264.00	12.00	0.68	0.089	1.9

5.3 COMPARATIVE RESULTS

Results of the resampling and reassaying program revealed very good correlation between histroically report Cu grades and current results.

Following are two tables comparing weight-averaged grades over mineralized intersection using 0.1% and 0.6% Cu respectively.

Table 4: Comparative Results, 0.1% Cu intersections

Hole	Interval (m)			Cu %	
	From	To	Length	Historical	New
J-5X	225.55	268.22	42.67	0.36	0.35
J-17	45.72	304.80	259.08	0.31	0.33
J-25	133.50	185.93	51.82	0.27	0.29
	192.02	214.88	22.86	0.47	0.49
J-26	70.10	109.73	39.62	0.19	0.21
	118.87	149.35	30.48	0.24	0.28
	158.50	234.70	76.20	0.43	0.49
J-27	48.77	64.01	15.24	0.33	0.32
	85.34	167.64	82.30	0.38	0.38
	176.78	219.46	42.67	0.33	0.29
	228.60	256.03	27.43	0.12	0.12
J-33	265.18	323.09	57.91	0.56	0.51
J-35	249.94	277.37	27.43	0.18	0.20
J-36	79.25	88.39	9.14	0.22	0.19
	100.58	170.69	70.10	0.21	0.21
	182.88	243.84	60.96	0.34	0.32
NH-11	33.53	103.63	70.10	0.55	0.46
96-3	138.00	168.00	30.00	0.24	0.24
	174.00	315.00	141.00	0.33	0.34
	321.00	342.00	21.00	0.17	0.18
96-4	159.00	189.00	30.00	0.23	0.27
	195.00	240.00	45.00	0.25	0.25

Table 5: Comparative Results, 0.6% Cu intersections

Hole	Interval (m)			Cu %	
	From	To	Length	Historical	New
J-5X	246.89	249.94	3.05	0.92	0.88
J-17	158.50	164.59	6.10	0.70	0.86
	216.41	222.50	6.10	0.65	0.58
J-25	195.07	201.17	6.10	0.68	0.73
	204.22	207.26	3.05	0.60	0.60
J-26	176.78	179.83	3.05	0.60	0.74
	185.93	195.07	9.14	0.66	0.81
	204.22	210.31	6.10	0.92	0.90
J-27	54.86	57.91	3.05	0.78	0.71
	146.30	155.45	9.14	0.83	0.80
	182.88	192.02	9.14	0.77	0.71
J-33	219.46	222.50	3.05	0.72	0.76
	271.27	283.46	12.19	0.70	0.64
	292.61	295.66	3.05	0.96	0.74
	301.75	313.94	12.19	0.73	0.65
J-36	192.02	198.12	6.10	0.78	0.62
	207.26	210.31	3.05	0.62	0.64
NH-11	36.58	54.86	18.29	1.32	1.10
96-3	252.00	264.00	12.00	0.77	0.68
	312.00	315.00	3.00	0.66	0.63
96-4	141.00	144.00	3.00	0.66	0.49

During the core logging process, missing core was observed in areas of high copper grades. Historical reports state samples were collected for grade confirmation. These missing samples may explain why some of the high-grade comparisons differ slightly.

5.4 DRILL HOLE SURVEYING

Historically, diamond drill hole collars were located in the field by transit surveys and reported in company specific local grid. Noranda's surveying was undertaken by a legal survey company from Kamloops, BC (McWilliam, Whyte, Goble and Associates) in 1971. Quebec Cartier surveying was undertaken by McElhanney from Vancouver, BC in 1969.

In 1971, Noranda converted the Quebec Cartier grid to the Noranda grid for integration of the two geodatabases.

During the current work program, the Noranda grid was converted to NAD83 UTM Zone 11 North grid. This was undertaken by selecting one Noranda surveyed drill hole, survey it by differential GPS then calculate the linear transformation from local Noranda grid to UTM grid.

The following steps were employed:

1. Control point chosen (GPS coordinates of NH-42)
2. Survey coordinates in Noranda local grid converted from feet to metres using 1ft=0.3048m
3. Change in X and Y values between NH-42 (from step 2) to GPS coordinates of NH-42 (NAD83 UTM Zone11 North) were determined
4. Delta X and Delta Y values (from step 3) were applied to the rest of the points from step 2 (Delta X = 300832.61, Delta Y = 5708199.42)

GPS Surveying was undertaken using a GeoExplorer XT GPS unit. A minimum of 150 readings at one second intervals were taken at each location using protocols established by the Ministry of Energy and Mines of British Columbia. At the conclusion of the survey, GPS readings were differentially corrected using a base station from Williams Lake. Accuracy is sub three metres. Coordinates are reported in NAD83 UTM Zone 11 North.

A total of 20 drill collars were located in the field; nine Noranda drill holes, one drill hole from Quebec Cartier three drill holes from the Noranda-Quebec Cartier joint venture and six drill holes from American Comstock.

To check the integrity of the Noranda surveying, a comparison of the transformed results against the GPS acquired results was undertaken. Table 6 presents the results of this transformation and comparison using drill hole NH-42 as the control hole.

Table 6: Confirmation of Drill Hole Locations

Noranda Transit Survey			GPS		Difference	
Hole	Easting	Northing	Easting	Northing	Δ Easting	Δ Northing
J-15	305168.35	5711599.41	305168.81	5711598.22	0.46	-1.19
J-17	305258.61	5711492.47	305258.13	5711490.14	-0.48	-2.33
J-5	305346.11	5711368.48	305345.24	5711365.15	-0.87	-3.34
NH-11	303745.89	5711196.72	303742.91	5711210.90	-2.98	14.18
NH-25	303823.82	5711311.41	303822.61	5711323.51	-1.21	12.10
NH-3	303745.89	5711196.99	303741.93	5711211.68	-3.96	14.69
NH-42	**304118.19**	**5711433.13**	**304118.19**	**5711433.13**	**0.00**	**0.00**
NH-49	304001.92	5711689.46	304002.99	5711685.10	1.07	-4.35
NH-5	303805.93	5711194.43	303802.77	5711207.86	-3.17	13.43
NH-58	303757.84	5711427.42	303757.21	5711441.73	-0.63	14.31
NH-74	303818.89	5711483.14	303818.34	5711495.35	-0.55	12.22
NH-8	303676.76	5711209.61	303674.13	5711224.58	-2.62	14.97

The results from this study show a difference ranging from 0.46 to 3.17 metres in the Easting and 1.19 to 14.31 metres in the Northing.

Checking the accuracy of the Quebec Cartier pre-joint venture drill holes was not possible due to only one drill hole being surveyed by GPS (a minimum of two holes is required).

For the American Comstock drill holes, all but two drill holes were surveyed by GPS. Conversion to UTM coordinates for the missing drill holes was undertaken by applying the average transformation of the American Comstock GPS surveyed holes.

6.0 CONCLUSIONS

Observation made during the re-sampling of the 1968-1971 and 1996 diamond drill cores and the analyses completed on these samples tend to confirm the Höy's hypothesis.

The quartz-chlorite-(talc)-pyrite-chalcopyrite lenses surrounded by quartz-sericite-chlorite-disseminated pyrite correspond rather well to alteration pipes as observed underneath the classical VMS as described in the literature.

The quartz-sericite zone figuring augen rhyolite-type rocks and associated with Zn, Pb, Ba anomalies could be interpreted as cherty felsic volcanogenic sediments similar to the "exhalites" normally associated with the Noranda/Kuroko Cu-Pb-Zn massive sulfides.

Results of the sampling program show good correlation of copper grades and thicknesses between the historically reported Noranda and American Comstock drill hole intersections. Sampling also confirmed the presence of precious metal mineralization associated with copper. Drill hole NH-11 returned 0.082 g/t Au and 6.5 g/t Ag and 1.10% Cu over 18.28 metres.

7.0 REFERENCES

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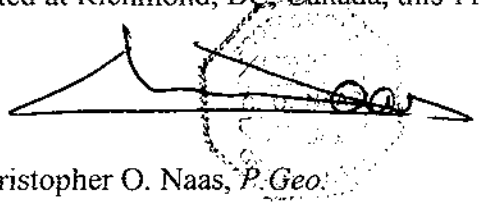
8.0 STATEMENT OF QUALIFICATIONS

I, Christopher O. Naas, *P.Geo.*, do hereby certify that:

1. I am a member in good standing of the Association of Professional Engineers and Geoscientists of British Columbia (Registration Number 20082);
2. I am a graduate in geology of Dalhousie University (*B.Sc.*, 1984); and have practiced in my profession continuously since 1987;
3. Since 1987, I have been involved in mineral exploration for precious and/or base metals in Canada, United States of America, Chile, Venezuela, Ghana, Mali, Nigeria, and Democratic Republic of the Congo (Zaire); for diamonds in Venezuela; and for rare metals in Nigeria. I have also been involved in the determination of base metal and gold resources for properties in Canada and Ghana, respectively, and the valuation of properties in Canada and Equatorial Guinea.
4. I am presently a Consulting Geologist and have been so since November 1987;
5. The opinions and conclusions contained herein are based on a review of previous records and the results of the exploration program supervised by myself;

Dated at Richmond, BC, Canada, this 11th day of July, 2006.



Christopher O. Naas, *P.Geo.*

9.0 STATEMENT OF COSTS

Personnel

Chris Naas	2 days @ $550.00	$1,100.00
Jean Jacques Lefebvre	13 days @ $700.00	$9,100.00
Larry Crittenden	14.5 days @ $300.00	$4,350.00
James Sanders	3 days @ $250.00	$ 750.00
Steven Grosjean	4.5 days @ $250.00	$1,125.00

Equipment Costs

Truck	16.0 days @ 115.00	$1.840.00

Disbursements

Room & Board	$ 2,618.18
Analytical Laboratory	$21,843.40
Field Supplies	$ 1,351.96
Fuel	$ 637.82

TOTAL: $ 44,716.36

APPENDIX I

ABBREVIATIONS AND CONVERSION FACTORS

ABBREVIATIONS

Elements		**Abbreviations**	
Ag	Silver	Az	azimuth
As	Arsenic	$C	Canadian dollars
Au	Gold	g/t	grams per metric tonne
Ca	Calcium	oz/T	troy ounces per ton
Cu	Copper	tpd	metric tonnes per day
K	Potassium	Eq. Au	Gold equivalent
Pb	Lead	UTM	Universal Transverse Mercator
Sb	Antimony	NAD	North American Datum
Zn	Zinc	°/ ' / "	degree/minute/second of arc

CONVERSION FACTORS

Length			
1 millimetre (mm)	0.03937 inches (in)	1 inch (in)	25.40 millimetre (mm)
1 centimetre (cm)	0.394 inches(in)	1 inch (in)	2.540 centimetres (cm)
1 metre (m)	3.281 feet (ft)	1 foot (ft)	0.3048 metres (m)
1 kilometre (km)	0.6214 mile (mi)	1 mile (mi)	1.609 kilometres (km)
Area			
1 sq. centimeter (cm^2)	0.1550 sq. inches (in^2)	1 sq inch (in^2)	6.452 sq. centimetres (cm^2)
1 sq. metre (m^2)	10.76 feet (ft^2)	1 foot (ft)	0.0929 sq. metres (m^2)
1 hectare (ha) (10,000 m^2)	2.471 acres	1 acre	0.4047 hectare (ha)
1 hectare (ha)	0.003861 sq. miles (m^2)	1 sq. mile (m^2)	640 acres
1 hectare (ha)	0.01 sq. kilometre (km^2)	1 sq. mile (m^2)	259.0 hectare (ha)
1 sq. kilometre (km^2)	0.3861 sq. miles (mi^2)	1 sq. mile (m^2)	2.590 sq. kilometres (km^2)
Volume			
1 cu. centimetre (cc)	0.06102 cu. inches (in^3)	1 cu. inch (in^3)	16.39 cu. centimetres (cm^3)
1 cu. metre (m^3)	1.308 cu. yards (yd^3)	1 cu. yard (yd^3)	0.7646 cu. metres (m^3)
1 cu. metre (m^3)	35.310 cu. feet (ft^3)	1 cu. foot (ft^3)	0.02832 cu. metres (m^3)
1 litre (l)	0.2642 gallons (U.S.)	1 gallon (U.S.)	3.785 litres (l)
1 litre (l)	0.2200 gallons (U.K.)	1 gallon (U.K.)	4.546 litres (l)
Weights			
1 gram (g)	0.03215 troy ounce (20dwt)	1 troy ounce (oz)	31.1034 grams (g)
1 gram (g)	0.6430 pennyweight (dwt)	1 pennyweight (dwt)	1.555 grams (g)
1 gram (g)	0.03527 oz avoirdupois	1 oz avoirdupois	28.35 grams (g)
1 kilogram (g)	2.205 lb avoirdupois	1 lb avoirdupois	0.4535 kilograms (kg)
1 tonne (t) (metric)	1.102 tons (T) (short ton)	1 ton (T) (short ton) (2000 lb)	0.9072 tonnes (t)
1 tonne (t)	0.9842 long ton	1 long ton (2240 lb)	1.016 tonnes (t)
Miscellaneous			
1 cm/second	0.01968 ft/min	1 ft/min	50.81 cm/second
1 cu. m/second	22.82 million gal/day	1 million gal/day	0.04382 m^3/second
1 cu. m/minute	264.2 gal/min	1 gal/min	0.003785 m^3/minute
1 g/cu. m	62.43 lb/ cu. ft	1 lb/cu. ft^3	0.01602 g/m^3
1 g/cu. m	0.02458 oz/cu. yd	1 oz/cu. yd	40.6817 g/m^3
1 Pascal (Pa)	0.000145 psi	1 psi	6985 Pascal
1 gram/tonne (g/t)	0.029216 troy ounce/ short ton (oz/T)	1 troy ounce/short ton (oz/T)	34.2857 grams/tonne (g/t)
1 g/t	0.583 dwt/short ton	1 dwt/short ton	1.714 g/t
1 g/t	0.653 dwt/long ton	1 dwt/long ton	1.531 g/t
1 g/t	0.0001 %		
1 g/t	1 part per million (ppm)		
1 %	10,000 part per million (ppm)		
1 part per million (ppm)	1,000 part per billion (ppb)		
1 part per billion (ppb)	0.001 part per million (ppm)		

APPENDIX II

CERTIFICATES OF ANALYSES

23-Dec-05

ECO TECH LABORATORY LTD.
10041 Dallas Drive
KAMLOOPS, B.C.
V2C 6T4

Phone: 250-573-5700
Fax : 250-573-4557

ICP CERTIFICATE OF ANALYSIS AK 2005-1704

CME MANAGING CONSULTANTS LTD.
2130-21331 Gordon Way
Richmond, BC
V6W 1J9

No. of samples received: 260
Sample type: Core
Project Name: Harper Creek Comp.
Project Number: P60
Submitted By:L. Crittenden

Values in ppm unless otherwise reported

Et #.	Tag #	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
1	128101	<0.2	0.99	<5	55	<5	0.75	<1	9	87	26	2.52	20	0.59	232	2	0.01	27	190	10	<5	<20	18	<0.01	<10	8	<10	2	30
2	128101A	0.3	0.92	15	45	<5	2.83	<1	19	381	3180	6.57	<10	1.04	728	11	0.06	296	800	12	<5	<20	150	<0.01	<10	66	<10	3	110
3	128102	<0.2	0.86	<5	55	<5	0.29	<1	9	74	49	2.37	10	0.52	158	1	<0.01	18	180	10	<5	<20	8	<0.01	<10	6	<10	<1	26
4	128103	<0.2	1.14	<5	45	<5	2.14	<1	27	91	396	4.66	<10	0.82	403	3	0.02	14	200	12	<5	<20	47	<0.01	<10	12	<10	<1	33
5	128104	<0.2	1.06	<5	35	<5	1.24	<1	21	97	583	3.56	<10	0.77	229	3	0.02	9	60	10	<5	<20	31	<0.01	<10	10	<10	<1	37
6	128105	<0.2	1.57	5	40	<5	0.89	<1	13	93	324	3.20	<10	1.30	260	2	0.01	15	170	16	<5	<20	18	<0.01	<10	14	<10	<1	47
7	128106	<0.2	1.52	5	45	<5	0.90	<1	15	104	161	3.08	10	1.20	245	2	0.03	23	150	14	<5	<20	20	<0.01	<10	16	<10	<1	48
8	128107	<0.2	1.00	10	55	<5	1.23	<1	25	96	221	2.94	10	0.68	217	2	0.02	25	190	12	<5	<20	26	<0.01	<10	12	<10	1	41
9	128108	1.7	1.23	<5	45	<5	4.18	1	47	84	4517	8.17	10	0.81	728	8	0.04	18	<10	4	<5	<20	110	<0.01	<10	25	<10	<1	173
10	128109	1.6	1.50	<5	50	<5	3.77	1	84	75	5160	>10	<10	1.00	786	8	0.03	37	<10	4	<5	<20	103	<0.01	<10	29	<10	<1	150
11	128110	<0.2	1.13	10	40	<5	2.54	<1	21	94	512	4.27	<10	0.75	435	4	0.02	17	50	14	<5	<20	57	<0.01	<10	12	<10	<1	51
12	128111	0.2	0.82	10	70	<5	2.15	<1	13	93	306	2.42	<10	0.55	319	1	0.02	16	140	24	<5	<20	50	<0.01	<10	7	<10	1	34
13	128112	0.4	1.28	15	40	<5	3.10	<1	23	84	635	3.80	<10	1.02	465	3	0.02	17	460	20	<5	<20	70	<0.01	<10	12	<10	<1	53
14	128113	<0.2	0.93	10	45	<5	1.86	<1	6	61	44	1.57	20	0.70	265	<1	0.01	17	160	20	<5	<20	42	<0.01	<10	8	<10	2	28
15	128114	0.3	1.37	15	45	<5	3.93	<1	25	71	574	4.97	10	0.99	572	3	0.02	14	160	14	<5	<20	89	<0.01	<10	14	<10	<1	47
16	128115	0.9	2.01	30	55	<5	4.10	<1	26	66	1203	6.86	20	1.53	716	4	0.02	27	200	30	<5	<20	101	<0.01	<10	26	<10	<1	73
17	128116	0.9	1.67	30	45	<5	1.12	<1	132	106	1698	>10	<10	0.93	262	9	0.03	15	140	16	<5	<20	31	<0.01	<10	30	<10	<1	48
18	128117	0.9	1.29	80	50	<5	3.34	<1	107	81	2026	>10	<10	0.89	526	7	0.02	11	70	14	<5	<20	164	<0.01	<10	23	<10	<1	61
19	128118	0.3	1.04	10	50	<5	1.79	<1	88	80	1075	8.00	<10	1.19	332	6	0.03	24	150	10	<5	<20	40	<0.01	<10	20	<10	<1	59
20	128119	0.7	0.62	10	50	<5	3.38	<1	60	79	1072	6.99	<10	1.36	511	5	0.02	32	120	24	<5	<20	83	<0.01	<10	9	<10	<1	58
21	128120	<0.2	1.12	15	50	<5	2.49	<1	10	121	53	3.04	<10	1.21	358	1	0.02	27	420	14	<5	<20	59	0.01	<10	16	<10	3	30
22	128121	<0.2	3.13	40	40	<5	7.20	<1	21	185	203	7.21	<10	2.89	745	1	0.03	87	3250	28	<5	<20	195	0.08	<10	140	<10	6	58
23	128122	<0.2	4.83	60	55	<5	5.87	<1	51	275	569	>10	<10	4.41	744	<1	0.01	107	4230	40	<5	<20	194	0.17	<10	212	<10	<1	49
24	128123	<0.2	3.69	25	35	<5	5.66	<1	37	97	633	9.93	<10	3.52	650	<1	0.03	49	4780	54	<5	<20	202	0.15	<10	124	<10	<1	42
25	128124	<0.2	3.10	20	30	<5	6.31	<1	28	236	765	8.01	<10	3.30	568	<1	0.05	60	4090	50	<5	<20	242	0.19	<10	174	<10	<1	51
26	128125	<0.2	3.54	40	30	<5	7.06	<1	43	313	647	9.31	<10	3.69	759	<1	0.04	192	3280	44	<5	<20	302	0.20	<10	161	<10	<1	59
27	128126	<0.2	3.51	30	40	<5	5.62	<1	49	398	464	8.68	<10	3.59	719	<1	0.03	251	2480	42	<5	<20	236	0.22	<10	147	<10	<1	67
28	128126A	<0.2	0.67	<5	50	<5	0.55	<1	5	54	7	1.85	50	0.28	401	<1	0.09	2	400	28	<5	<20	18	0.13	<10	18	<10	24	41
29	128127	<0.2	2.85	25	30	<5	5.24	<1	45	253	559	7.51	<10	2.78	646	<1	0.05	110	3660	58	<5	<20	192	0.22	<10	128	<10	<1	130
30	128128	<0.2	3.19	25	25	<5	5.29	<1	42	185	391	7.20	<10	3.13	696	2	0.04	123	3560	48	<5	<20	179	0.16	<10	157	<10	<1	111

ECO TECH LABORATORY LTD. ICP CERTIFICATE OF ANALYSIS AK 2005-1704 CME & COMPANY

Et #.	Tag #	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
31	128129	<0.2	1.54	15	30	<5	5.15	<1	17	85	540	3.50	20	1.22	453	6	0.10	39	4520	26	<5	<20	159	0.14	<10	58	<10	7	37
32	128130	<0.2	3.68	40	45	<5	2.98	<1	73	38	793	>10	<10	3.04	589	4	0.08	58	6980	48	<5	<20	72	0.19	<10	105	<10	2	70
33	128131	0.3	3.76	55	45	<5	3.45	<1	60	27	1072	>10	10	2.87	674	<1	0.08	39	7260	60	<5	<20	81	0.20	<10	106	<10	7	99
34	128132	<0.2	0.71	30	65	<5	1.31	<1	5	98	19	1.19	10	0.58	191	<1	0.03	29	310	42	<5	<20	30	<0.01	<10	10	<10	12	56
35	128133	<0.2	0.88	30	45	<5	2.64	<1	5	86	26	1.36	20	0.72	344	<1	0.02	31	210	20	<5	<20	53	<0.01	<10	8	<10	10	39
36	128134	0.8	0.50	2610	45	<5	1.48	<1	12	92	360	2.97	<10	0.26	174	4	0.02	15	290	90	<5	<20	27	<0.01	<10	9	<10	<1	201
37	128135	0.3	0.85	480	35	<5	3.28	<1	11	100	138	2.71	<10	0.61	369	6	0.02	26	370	54	<5	<20	55	<0.01	<10	18	<10	10	119
38	128136	0.4	0.92	185	25	<5	3.77	<1	14	98	276	2.60	<10	0.78	451	12	0.02	67	210	102	<5	<20	62	<0.01	<10	22	<10	22	216
39	128137	0.2	1.44	55	30	<5	4.67	2	13	130	169	3.16	<10	1.28	574	4	0.02	48	250	76	<5	<20	77	0.04	<10	42	<10	8	323
40	128138	<0.2	3.78	295	40	<5	3.98	<1	32	339	175	5.77	<10	3.82	753	<1	0.02	240	390	90	<5	<20	72	0.06	<10	112	<10	6	232
41	128139	<0.2	3.04	115	35	<5	6.47	<1	29	245	239	5.02	<10	2.95	955	2	0.03	134	310	40	<5	<20	116	0.05	<10	105	<10	5	57
42	128140	<0.2	3.44	260	30	<5	8.12	<1	52	433	542	6.19	<10	3.52	1087	2	0.02	292	440	50	<5	<20	145	<0.01	<10	101	<10	4	75
43	128140A	<0.2	0.69	<5	55	<5	0.59	<1	5	66	5	1.78	50	0.25	406	<1	0.10	3	380	32	<5	<20	17	0.13	<10	16	<10	26	40
44	128141	<0.2	1.30	40	25	<5	2.89	<1	10	106	66	2.17	30	1.13	327	6	0.05	55	380	26	<5	<20	48	<0.01	<10	42	<10	15	33
45	128142	<0.2	1.02	25	25	<5	3.33	<1	8	128	51	1.68	10	0.92	318	5	0.04	45	350	22	5	<20	56	<0.01	<10	36	<10	13	26
46	128143	<0.2	2.03	35	30	<5	2.77	<1	17	130	170	3.14	20	1.84	383	5	0.05	65	370	34	5	<20	51	<0.01	<10	58	<10	14	51
47	128144	<0.2	1.88	20	25	<5	5.83	<1	12	138	252	3.02	<10	1.70	581	4	0.06	26	300	36	<5	<20	105	<0.01	<10	76	<10	<1	48
48	128145	<0.2	1.55	10	25	<5	4.12	<1	7	63	108	2.29	<10	1.62	449	2	0.05	8	230	30	5	<20	71	<0.01	<10	51	<10	1	45
49	128146	0.5	1.62	10	20	<5	5.10	<1	8	64	243	2.55	<10	1.80	488	2	0.06	10	170	28	5	<20	87	<0.01	<10	56	<10	<1	52
50	128147	<0.2	1.70	15	30	<5	2.51	<1	14	62	33	3.06	<10	1.91	382	2	0.07	19	250	28	5	<20	43	<0.01	<10	60	<10	<1	50
51	128148	<0.2	1.95	10	30	<5	0.96	<1	8	115	6	2.87	<10	1.90	201	4	0.06	24	240	30	<5	<20	21	<0.01	<10	73	<10	<1	51
52	128149	0.4	1.25	10	25	<5	3.03	<1	9	74	125	2.14	<10	1.21	309	2	0.06	17	280	84	<5	<20	51	<0.01	<10	48	<10	<1	34
53	128150	<0.2	1.40	15	10	<5	4.67	<1	11	53	85	2.27	<10	1.32	431	2	0.05	11	270	24	<5	<20	75	<0.01	<10	76	<10	<1	32
54	128151	<0.2	2.04	30	25	<5	5.82	<1	15	58	376	3.92	<10	1.91	571	3	0.04	19	300	30	<5	<20	94	<0.01	<10	71	<10	<1	47
55	128151A	>30	0.44	2065	90	<5	0.81	127	96	1142	9494	>10	<10	0.66	1178	23	<0.01	903	<10	5090	75	<20	15	<0.01	<10	18	50	<1	>10000
56	128152	<0.2	1.68	35	40	<5	6.21	<1	14	64	183	3.30	<10	1.53	603	3	0.02	13	310	34	<5	<20	89	<0.01	<10	30	<10	<1	49
57	128153	<0.2	3.42	35	45	<5	8.31	<1	24	86	877	>10	<10	3.41	1212	9	<0.01	75	240	44	<5	<20	139	<0.01	<10	86	<10	<1	131
58	128154	<0.2	5.13	60	45	<5	6.76	<1	38	221	803	>10	30	4.39	996	6	<0.01	127	370	62	<5	<20	78	0.01	<10	134	<10	<1	140
59	128155	<0.2	1.64	20	20	<5	4.31	<1	14	68	37	2.99	<10	1.31	472	4	0.05	6	300	30	<5	<20	46	<0.01	<10	37	<10	<1	47
60	128156	<0.2	1.53	25	25	<5	3.91	<1	15	44	42	2.88	<10	1.23	421	3	0.05	5	300	32	<5	<20	42	<0.01	<10	35	<10	<1	49
61	128157	<0.2	1.57	20	20	<5	4.61	<1	14	79	43	2.77	<10	1.27	494	3	0.06	5	290	42	<5	<20	47	<0.01	<10	34	<10	<1	67
62	128158	<0.2	1.53	25	25	<5	4.31	<1	11	54	17	2.69	<10	1.23	501	2	0.06	4	310	48	<5	<20	47	<0.01	<10	33	<10	<1	93
63	128159	<0.2	1.72	45	25	<5	3.74	<1	13	64	28	3.35	<10	1.38	532	5	0.05	5	290	50	<5	<20	47	<0.01	<10	33	<10	<1	155
64	128160	0.4	1.47	200	35	<5	3.32	<1	18	56	71	4.31	<10	1.34	503	3	0.05	4	270	178	<5	<20	53	<0.01	<10	27	<10	<1	264
65	128161	0.2	1.73	50	30	<5	3.64	<1	16	64	51	3.71	<10	1.39	552	3	0.04	5	300	90	<5	<20	42	<0.01	<10	32	<10	<1	215
66	128162	0.2	1.87	40	35	<5	4.58	<1	15	69	102	3.72	<10	1.47	683	4	0.05	4	280	98	<5	<20	51	<0.01	<10	33	<10	<1	208
67	128163	<0.2	1.88	30	30	<5	4.62	<1	13	57	65	3.50	<10	1.39	669	4	0.04	5	300	80	<5	<20	45	<0.01	<10	31	<10	<1	183
68	128164	0.3	1.89	100	40	<5	5.20	<1	16	44	55	4.26	<10	1.33	728	4	0.04	4	300	120	<5	<20	52	<0.01	<10	30	<10	<1	159
69	128165	<0.2	1.81	30	30	<5	5.70	<1	16	39	50	4.03	<10	1.36	788	4	0.03	4	250	68	<5	<20	56	<0.01	<10	33	<10	<1	203
70	128166	0.3	2.29	25	40	<5	4.30	8	15	62	59	5.08	<10	1.65	696	3	0.04	4	260	242	<5	<20	44	<0.01	<10	37	<10	<1	713

ECO TECH LABORATORY LTD. ICP CERTIFICATE OF ANALYSIS AK 2005-1704 CME & COMPANY

Et #.	Tag #	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
71	128167	0.2	1.50	30	35	<5	5.13	1	15	56	110	4.03	<10	1.29	691	4	0.04	8	270	118	<5	<20	61	<0.01	<10	29	<10	<1	310
72	128168	0.4	1.09	25	30	<5	5.07	2	13	56	85	3.91	<10	1.33	670	3	0.04	4	270	222	<5	<20	51	<0.01	<10	21	<10	<1	327
73	128169	0.2	0.42	25	35	<5	4.71	1	15	78	82	3.55	<10	1.38	582	2	0.07	5	290	84	<5	<20	44	<0.01	<10	12	<10	<1	213
74	128170	0.4	0.48	20	25	<5	4.63	<1	15	75	57	3.64	<10	1.48	626	2	0.06	4	280	176	<5	<20	43	<0.01	<10	15	<10	<1	271
75	128171	0.3	0.83	20	30	<5	3.84	<1	16	64	77	3.80	<10	1.57	668	2	0.06	6	280	98	<5	<20	31	<0.01	<10	22	<10	<1	222
76	128172	0.6	1.10	30	30	<5	1.67	<1	13	128	103	3.74	<10	1.17	488	2	0.04	10	130	96	<5	<20	16	<0.01	<10	18	<10	<1	248
77	128173	1.6	2.61	755	50	<5	0.56	3	29	103	729	8.82	<10	1.78	403	8	0.02	25	150	188	<5	<20	8	<0.01	<10	23	<10	<1	914
78	128174	0.2	0.84	95	35	<5	1.85	2	11	90	81	3.57	<10	0.93	446	3	0.03	21	180	50	<5	<20	23	<0.01	<10	9	<10	<1	424
79	128175	<0.2	1.21	55	30	<5	1.56	<1	11	123	56	3.54	<10	1.09	384	3	0.04	29	240	62	<5	<20	16	<0.01	<10	14	<10	<1	295
80	128176	<0.2	0.72	35	25	<5	2.45	<1	10	86	33	2.95	<10	1.02	462	2	0.04	28	290	52	<5	<20	22	<0.01	<10	9	<10	3	237
81	128176A	<0.2	0.54	5	35	<5	0.52	<1	4	76	3	1.82	40	0.24	399	<1	0.06	2	420	30	<5	<20	12	0.12	<10	16	<10	22	42
82	128177	0.6	0.29	35	25	<5	2.86	<1	11	85	145	3.28	<10	1.03	512	3	0.03	21	180	166	<5	<20	31	<0.01	<10	6	<10	<1	220
83	128178	<0.2	0.59	15	20	<5	2.49	<1	6	102	3	2.62	<10	0.99	474	2	0.04	19	140	46	<5	<20	23	<0.01	<10	7	<10	2	250
84	128179	<0.2	1.33	50	30	<5	5.20	6	21	94	228	6.11	<10	1.05	904	4	0.02	19	360	50	<5	<20	54	<0.01	<10	20	<10	<1	641
85	128180	<0.2	1.63	40	25	<5	6.04	<1	16	98	150	4.95	<10	0.92	946	2	0.02	15	350	34	<5	<20	57	<0.01	<10	18	<10	<1	160
86	128181	0.4	2.42	95	35	<5	5.64	<1	60	93	808	>10	<10	1.41	1352	7	0.01	21	300	42	<5	<20	80	<0.01	<10	31	<10	<1	186
87	128182	<0.2	2.00	50	30	<5	6.26	<1	20	122	173	7.17	<10	1.32	1112	4	0.01	18	420	34	<5	<20	68	<0.01	<10	35	<10	<1	152
88	128183	1.5	3.18	1280	55	<5	2.33	<1	63	88	1864	>10	<10	2.04	763	9	0.01	20	90	58	<5	<20	32	<0.01	<10	42	<10	<1	271
89	128184	0.2	2.54	125	35	<5	6.57	<1	22	89	359	8.82	<10	1.72	1365	6	0.01	13	290	48	<5	<20	82	<0.01	<10	42	<10	<1	166
90	128185	1.1	3.98	120	75	<5	0.90	2	66	86	1727	>10	<10	2.56	788	15	0.01	23	150	58	<5	<20	18	<0.01	<10	36	<10	<1	250
91	128186	1.3	3.54	250	60	<5	2.41	<1	55	85	1050	>10	<10	2.65	1085	11	0.01	20	660	76	<5	<20	36	<0.01	<10	108	<10	<1	205
92	128187	0.7	2.73	55	35	<5	4.49	<1	36	151	638	9.47	<10	2.36	931	5	0.02	38	1470	56	<5	<20	39	<0.01	<10	247	<10	<1	176
93	128188	<0.2	0.70	30	30	<5	6.74	<1	14	91	67	3.67	<10	1.16	857	3	0.06	16	1930	20	<5	<20	61	<0.01	<10	26	<10	2	89
94	128189	<0.2	0.70	20	30	<5	3.51	<1	13	70	28	3.40	<10	1.22	533	2	0.05	7	300	22	<5	<20	24	<0.01	<10	13	<10	<1	94
95	128190	<0.2	0.48	45	35	<5	3.87	<1	11	74	19	2.93	<10	1.08	554	2	0.06	5	270	12	<5	<20	27	<0.01	<10	11	<10	<1	67
96	128190A	<0.2	0.54	<5	35	<5	0.56	<1	5	45	3	1.77	50	0.23	391	<1	0.05	1	390	30	<5	<20	15	0.13	<10	16	<10	24	40
97	128191	<0.2	1.04	30	30	<5	3.36	<1	14	82	38	3.78	<10	1.49	594	3	0.06	5	270	24	<5	<20	25	<0.01	<10	20	<10	<1	69
98	128192	<0.2	1.28	20	40	<5	3.06	<1	13	56	54	4.28	<10	1.64	629	3	0.05	3	260	26	<5	<20	22	<0.01	<10	23	<10	<1	84
99	128193	0.2	1.39	310	30	<5	2.99	<1	18	79	110	5.16	<10	1.65	633	4	0.05	5	240	42	<5	<20	23	<0.01	<10	25	<10	<1	102
100	128194	0.4	0.81	15	30	<5	3.24	<1	9	77	12	2.80	<10	1.01	491	2	0.05	5	290	56	<5	<20	27	<0.01	<10	17	<10	<1	64
101	128195	<0.2	0.95	20	35	<5	3.60	<1	11	88	26	3.10	<10	1.10	560	2	0.06	5	280	24	<5	<20	32	<0.01	<10	20	<10	<1	72
102	128196	<0.2	1.02	15	30	<5	3.77	<1	10	64	29	3.04	<10	1.05	549	2	0.04	4	270	22	<5	<20	34	<0.01	<10	19	<10	<1	74
103	128197	<0.2	1.41	75	30	<5	3.54	<1	13	85	77	3.85	<10	1.26	569	3	0.04	4	280	26	<5	<20	33	<0.01	<10	23	<10	<1	84
104	128198	<0.2	1.56	40	35	<5	2.66	<1	18	62	188	4.65	<10	1.38	505	4	0.04	5	260	30	<5	<20	22	<0.01	<10	27	<10	<1	89
105	128199	<0.2	1.33	25	30	<5	3.53	<1	15	60	129	3.96	<10	1.30	560	3	0.04	4	280	24	<5	<20	30	<0.01	<10	24	<10	<1	77
106	128200	<0.2	1.27	25	40	<5	3.49	<1	15	58	115	3.86	<10	1.26	539	2	0.05	4	260	28	<5	<20	39	<0.01	<10	22	<10	<1	76
107	128201	<0.2	1.50	30	40	<5	2.74	<1	16	75	78	4.14	<10	1.23	459	6	0.05	5	260	36	<5	<20	29	<0.01	<10	27	<10	<1	75
108	128201A	>30	0.43	2035	80	<5	0.42	120	95	1109	9412	>10	<10	0.63	1171	23	<0.01	886	<10	5154	85	<20	8	<0.01	<10	17	50	<1	>10000
109	128202	<0.2	1.54	15	30	<5	3.50	<1	14	63	42	3.77	<10	1.29	497	4	0.04	5	280	30	<5	<20	31	<0.01	<10	29	<10	<1	74
110	128203	<0.2	1.75	25	30	<5	2.88	<1	16	54	122	4.61	<10	1.48	473	3	0.04	4	240	32	<5	<20	27	<0.01	<10	31	<10	<1	79

ECO TECH LABORATORY LTD. **ICP CERTIFICATE OF ANALYSIS AK 2005-1704** **CME & COMPANY**

Et #.	Tag #	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
111	128204	<0.2	1.64	20	25	<5	3.40	<1	16	58	85	4.83	<10	1.61	567	4	0.04	5	260	30	<5	<20	38	<0.01	<10	29	<10	<1	71
112	128205	<0.2	1.37	15	25	<5	4.15	<1	15	57	46	3.79	<10	1.31	609	3	0.04	4	250	24	<5	<20	34	<0.01	<10	25	<10	<1	58
113	128206	<0.2	1.59	15	30	<5	3.03	<1	14	52	71	3.96	<10	1.52	544	3	0.05	5	280	26	<5	<20	27	<0.01	<10	26	<10	<1	64
114	128207	0.3	2.92	50	40	<5	1.26	<1	25	63	438	7.56	<10	2.35	520	6	0.03	13	240	56	<5	<20	13	<0.01	<10	44	<10	<1	103
115	128208	<0.2	3.27	50	35	<5	1.10	<1	18	62	52	7.04	<10	2.70	645	6	0.02	9	280	56	<5	<20	10	<0.01	<10	43	<10	<1	100
116	128209	<0.2	3.40	60	35	<5	1.15	<1	18	58	167	7.11	<10	2.63	625	5	0.02	11	290	56	<5	<20	14	<0.01	<10	52	<10	<1	96
117	128210	<0.2	4.28	35	40	5	0.80	<1	19	63	121	8.02	<10	3.41	624	7	0.02	16	290	66	<5	<20	11	<0.01	<10	69	<10	<1	114
118	128211	<0.2	4.12	60	35	<5	2.14	<1	33	137	335	8.14	<10	3.40	677	5	0.01	74	670	68	<5	<20	34	<0.01	<10	79	<10	<1	105
119	128212	<0.2	2.48	25	35	<5	3.51	<1	16	73	153	4.48	10	1.95	630	3	0.02	28	790	42	<5	<20	40	<0.01	<10	39	<10	5	61
120	128213	<0.2	2.25	35	35	<5	1.06	<1	19	100	59	3.93	20	1.77	357	2	0.02	34	380	40	<5	<20	16	<0.01	<10	22	<10	3	59
121	128214	<0.2	1.82	55	30	<5	0.74	<1	12	91	84	2.96	<10	1.52	266	4	0.02	24	340	38	<5	<20	14	<0.01	<10	19	<10	<1	44
122	128215	<0.2	2.59	80	40	<5	0.95	<1	14	76	144	4.28	<10	2.21	381	3	0.01	19	340	50	<5	<20	15	<0.01	<10	41	<10	<1	61
123	128216	0.2	2.90	30	40	<5	1.99	<1	15	77	277	4.99	<10	2.50	537	4	0.02	13	290	52	<5	<20	32	<0.01	<10	52	<10	<1	67
124	128217	<0.2	2.52	30	25	<5	1.62	<1	10	64	239	4.30	<10	2.15	468	2	0.02	11	260	46	<5	<20	21	<0.01	<10	42	<10	<1	57
125	128218	0.2	3.02	65	40	<5	1.36	<1	17	75	380	5.35	<10	2.70	508	4	0.01	16	300	56	<5	<20	21	<0.01	<10	52	<10	<1	80
126	128219	<0.2	2.37	15	35	<5	1.22	<1	9	94	97	3.99	<10	2.31	448	3	0.02	21	350	42	<5	<20	21	<0.01	<10	30	<10	2	51
127	128220	<0.2	1.01	15	25	<5	3.08	<1	7	153	43	1.90	<10	0.94	466	<1	0.02	17	210	18	<5	<20	53	<0.01	<10	16	<10	3	21
128	128221	<0.2	4.18	100	40	<5	5.76	<1	60	278	265	8.65	<10	3.76	1054	5	0.02	193	540	62	<5	<20	101	<0.01	<10	117	<10	<1	68
129	128222	<0.2	4.46	100	30	<5	4.18	<1	55	318	224	8.20	<10	4.08	829	4	0.02	191	470	66	<5	<20	67	<0.01	<10	199	<10	<1	70
130	128223	<0.2	4.46	85	30	<5	6.37	<1	50	297	143	7.92	<10	4.18	1038	3	0.01	170	470	62	<5	<20	106	<0.01	<10	164	<10	<1	59
131	128224	<0.2	4.53	85	25	5	7.86	<1	45	279	38	7.76	<10	4.20	1350	2	<0.01	172	380	64	<5	<20	128	<0.01	<10	161	<10	<1	54
132	128225	<0.2	4.62	130	35	10	4.48	<1	52	369	76	8.20	<10	4.06	998	3	0.02	210	610	72	<5	<20	75	<0.01	<10	191	<10	<1	74
133	128226	<0.2	4.19	80	30	<5	7.27	<1	42	291	104	8.17	<10	3.63	1379	3	0.01	134	450	60	<5	<20	121	<0.01	<10	157	<10	<1	88
134	128226A	<0.2	0.63	<5	45	<5	0.59	<1	5	69	4	1.95	40	0.27	433	<1	0.07	2	420	30	<5	<20	15	0.13	<10	18	<10	24	42
135	128227	<0.2	2.99	15	40	<5	0.98	<1	11	126	31	4.78	<10	2.70	458	3	0.01	46	510	52	<5	<20	16	<0.01	<10	37	<10	<1	77
136	128228	<0.2	2.05	25	40	<5	0.67	<1	13	94	96	3.35	10	1.78	319	2	0.01	36	390	44	<5	<20	14	<0.01	<10	18	<10	<1	56
137	128229	0.3	3.65	20	40	30	0.91	<1	17	88	12	5.43	<10	3.44	528	3	0.01	43	410	118	<5	<20	23	<0.01	<10	32	<10	<1	108
138	128230	<0.2	2.66	25	45	<5	0.59	<1	18	83	68	4.60	<10	2.33	393	4	0.01	52	480	54	<5	<20	15	<0.01	<10	21	<10	<1	82
139	128231	<0.2	2.24	40	45	<5	0.28	<1	20	78	152	5.08	<10	1.75	310	5	0.01	61	470	44	<5	<20	7	<0.01	<10	16	<10	<1	73
140	128232	<0.2	2.53	50	40	<5	0.54	<1	17	113	40	4.64	<10	2.09	376	4	0.01	71	430	48	<5	<20	11	<0.01	<10	21	<10	<1	81
141	128233	<0.2	1.99	20	60	<5	2.13	<1	17	109	178	4.24	<10	1.59	544	4	0.01	37	360	32	<5	<20	37	<0.01	<10	17	<10	<1	60
142	128234	0.7	2.35	15	50	<5	0.57	<1	18	69	1569	5.42	<10	1.71	346	4	0.01	37	240	80	<5	<20	11	<0.01	<10	16	<10	<1	508
143	128235	2.0	2.33	50	55	<5	0.54	<1	45	87	2156	7.15	<10	1.51	316	6	0.01	27	220	44	<5	<20	9	<0.01	<10	17	<10	<1	98
144	128236	0.2	2.99	15	50	<5	0.33	<1	19	80	404	7.72	<10	1.91	350	6	0.01	27	250	44	<5	<20	6	<0.01	<10	27	<10	<1	83
145	128237	1.3	2.69	25	45	<5	1.07	<1	29	82	1606	8.03	<10	1.74	427	6	0.01	18	230	42	<5	<20	21	<0.01	<10	23	<10	<1	104
146	128238	3.5	1.35	55	55	<5	0.41	<1	30	94	2774	4.57	<10	0.85	208	5	0.01	21	160	64	<5	<20	7	<0.01	<10	10	<10	<1	103
147	128239	8.9	0.99	250	55	<5	2.12	<1	66	95	7413	7.93	<10	1.38	948	6	0.02	25	<10	136	<5	<20	33	<0.01	<10	8	<10	<1	224
148	128240	4.4	1.72	30	50	<5	0.56	<1	27	107	4448	5.38	<10	1.38	353	5	0.01	30	60	28	<5	<20	9	<0.01	<10	13	<10	<1	152
149	128240A	<0.2	0.68	5	60	<5	0.60	<1	5	65	14	1.93	50	0.25	443	<1	0.09	1	400	32	<5	<20	19	0.15	<10	17	<10	33	41
150	128241	1.0	1.23	20	45	<5	0.78	<1	26	109	1027	5.62	<10	1.00	415	6	0.01	22	110	24	<5	<20	14	<0.01	<10	9	<10	<1	59

23-Dec-05

ECO TECH LABORATORY LTD. **ICP CERTIFICATE OF ANALYSIS AK 2005-1704** **CME & COMPANY**

Et #.	Tag #	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
151	128242	0.9	1.26	15	55	<5	0.57	<1	12	97	983	3.19	<10	0.89	274	2	0.02	21	560	24	<5	<20	11	<0.01	<10	9	<10	<1	50
152	128243	<0.2	1.46	15	50	<5	0.29	<1	11	105	59	3.30	<10	0.98	213	4	0.02	24	210	24	<5	<20	7	<0.01	<10	12	<10	<1	41
153	128244	0.5	1.31	10	40	<5	0.43	<1	12	114	539	3.05	<10	1.02	264	2	0.02	19	200	28	<5	<20	9	<0.01	<10	10	<10	<1	39
154	128245	0.9	2.00	20	50	<5	0.78	<1	19	99	986	4.56	<10	1.72	489	4	0.01	26	190	36	<5	<20	15	<0.01	<10	15	<10	<1	64
155	128246	<0.2	1.63	15	45	<5	0.45	<1	11	90	154	3.64	<10	1.26	315	3	0.01	18	210	26	<5	<20	9	<0.01	<10	11	<10	<1	44
156	128247	0.2	1.99	25	50	<5	0.97	<1	16	96	277	4.82	<10	1.65	523	4	0.01	30	470	32	<5	<20	20	<0.01	<10	14	<10	<1	50
157	128248	<0.2	1.67	10	40	<5	0.75	<1	14	93	248	3.70	<10	1.38	403	2	0.02	22	240	26	<5	<20	14	<0.01	<10	13	<10	<1	40
158	128249	<0.2	1.26	5	50	<5	0.63	<1	12	127	366	3.35	<10	1.02	297	4	0.02	22	200	22	<5	<20	19	<0.01	<10	11	<10	<1	34
159	128250	0.5	1.68	15	50	<5	0.72	<1	24	91	447	4.56	<10	1.39	350	6	0.01	24	260	52	<5	<20	17	<0.01	<10	12	<10	<1	41
160	128251	<0.2	1.91	10	50	<5	1.07	<1	16	85	274	4.26	<10	1.64	464	4	0.02	34	730	28	<5	<20	23	<0.01	<10	16	<10	<1	41
161	128251A	0.4	1.01	15	45	<5	3.53	<1	22	455	3327	7.87	<10	1.18	861	14	0.07	359	990	18	<5	<20	189	<0.01	<10	78	<10	2	134
162	128252	<0.2	1.31	15	45	<5	0.47	<1	11	93	170	2.68	20	1.04	207	23	0.02	26	420	22	<5	<20	11	<0.01	<10	13	<10	<1	25
163	128253	0.3	1.56	30	35	<5	0.79	<1	20	88	890	3.81	<10	1.41	339	4	0.02	29	240	28	<5	<20	15	<0.01	<10	14	<10	<1	35
164	128254	0.4	1.20	20	45	<5	0.93	<1	19	93	1169	3.57	<10	1.10	330	3	0.02	28	180	22	<5	<20	17	<0.01	<10	9	<10	<1	35
165	128255	0.4	1.51	15	95	<5	1.27	<1	18	83	1301	4.15	<10	1.40	374	4	0.02	29	440	24	<5	<20	26	<0.01	<10	17	<10	<1	43
166	128256	0.4	0.99	20	70	<5	1.74	<1	13	63	716	3.11	<10	0.87	219	2	0.03	23	250	122	<5	<20	47	<0.01	<10	9	<10	<1	27
167	128257	0.3	0.91	15	75	<5	1.62	<1	13	122	1141	2.99	<10	1.05	301	4	0.02	29	280	16	<5	<20	30	<0.01	<10	7	<10	<1	24
168	128258	0.6	0.55	20	45	<5	1.41	<1	6	99	2222	1.46	<10	0.83	285	4	0.02	21	70	8	<5	<20	29	<0.01	<10	6	<10	3	17
169	128259	1.3	0.74	25	45	<5	1.40	<1	7	106	3978	1.69	10	1.04	287	18	0.02	34	130	8	<5	<20	38	<0.01	<10	6	<10	3	22
170	128260	1.2	1.00	20	45	<5	0.41	<1	10	84	2987	2.00	10	0.86	130	4	0.02	29	150	18	<5	<20	14	<0.01	<10	7	<10	<1	30
171	128261	0.3	0.94	20	40	<5	1.60	<1	8	107	992	2.02	10	1.22	352	9	0.02	39	220	18	5	<20	34	<0.01	<10	8	<10	3	22
172	128262	3.0	1.02	25	45	<5	1.64	<1	15	74	8897	3.04	<10	1.27	344	8	0.02	31	<10	8	<5	<20	38	<0.01	<10	12	<10	<1	58
173	128263	1.0	1.28	10	40	<5	1.09	<1	10	99	2664	2.74	<10	1.32	252	11	0.03	30	230	22	<5	<20	28	<0.01	<10	15	<10	<1	43
174	128264	2.9	2.74	80	55	<5	2.57	<1	43	77	7529	7.46	<10	3.04	600	18	0.02	43	820	38	<5	<20	58	<0.01	<10	62	<10	<1	112
175	128265	<0.2	1.45	20	40	<5	1.66	<1	7	43	505	2.93	<10	1.61	340	3	0.03	7	240	26	<5	<20	46	<0.01	<10	8	<10	1	34
176	128266	<0.2	0.65	<5	25	<5	0.96	<1	3	74	25	1.45	<10	0.69	186	2	0.04	2	120	12	<5	<20	23	<0.01	<10	4	<10	2	16
177	128267	0.6	0.90	15	40	<5	1.56	<1	9	73	2099	2.49	<10	1.13	298	38	0.03	12	200	18	<5	<20	40	<0.01	<10	11	<10	<1	45
178	128268	<0.2	0.58	10	30	<5	2.66	<1	6	113	317	2.29	<10	1.36	437	14	0.04	14	270	10	<5	<20	77	<0.01	<10	9	<10	2	20
179	128269	0.7	2.17	25	60	<5	2.31	<1	19	116	3021	4.51	<10	2.54	415	14	0.03	54	670	30	<5	<20	49	<0.01	<10	43	<10	<1	67
180	128270	0.2	1.65	25	30	<5	3.30	<1	14	98	1298	3.51	<10	2.51	510	34	0.02	58	860	24	<5	<20	72	<0.01	<10	29	<10	5	54
181	128271	<0.2	1.08	15	35	<5	1.34	<1	10	79	647	2.63	<10	1.17	268	16	0.03	26	270	20	<5	<20	33	<0.01	<10	11	<10	<1	46
182	128272	<0.2	0.17	15	15	<5	1.23	<1	4	131	338	0.90	<10	0.46	233	11	0.03	7	60	10	<5	<20	28	<0.01	<10	2	<10	3	10
183	128273	<0.2	0.60	10	25	<5	1.79	<1	6	80	416	1.76	<10	0.92	326	8	0.04	10	280	22	<5	<20	41	<0.01	<10	6	<10	3	32
184	128274	0.3	0.77	10	25	<5	2.13	<1	8	97	696	2.04	10	1.20	310	52	0.04	27	340	34	5	<20	49	<0.01	<10	10	<10	3	46
185	128275	0.5	0.40	15	20	<5	2.23	<1	8	79	1308	1.77	<10	0.99	274	17	0.05	12	160	56	<5	<20	60	<0.01	<10	7	<10	1	38
186	128276	2.1	0.78	55	35	<5	1.14	<1	19	108	6549	3.51	<10	1.02	221	20	0.04	25	<10	54	<5	<20	32	<0.01	<10	10	<10	<1	115
187	128276A	<0.2	0.64	<5	50	<5	0.60	<1	5	58	13	1.86	50	0.25	426	<1	0.08	1	390	32	<5	<20	19	0.13	<10	17	<10	29	39
188	128277	2.8	0.68	10	35	<5	2.07	1	14	52	8306	2.83	<10	1.09	401	9	0.05	16	<10	30	<5	<20	46	<0.01	<10	9	<10	<1	91
189	128278	0.5	0.25	<5	30	<5	3.42	<1	5	113	1418	1.77	<10	1.33	490	27	0.03	10	190	32	<5	<20	77	<0.01	<10	5	<10	2	30
190	128279	1.1	0.65	<5	35	<5	2.68	<1	10	60	4002	2.34	<10	1.27	357	15	0.05	13	210	12	5	<20	63	<0.01	<10	10	<10	<1	73

ECO TECH LABORATORY LTD. ICP CERTIFICATE OF ANALYSIS AK 2005-1704 CME & COMPANY

Et #.	Tag #	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
191	128280	0.4	0.32	<5	20	<5	1.63	<1	5	117	1188	1.27	<10	0.67	215	18	0.05	11	120	24	<5	<20	38	<0.01	<10	6	<10	2	33
192	128281	1.0	0.84	15	35	<5	1.95	<1	12	78	3321	2.36	<10	1.18	217	17	0.06	19	130	56	<5	<20	48	<0.01	<10	13	<10	<1	93
193	128282	1.0	1.05	10	30	<5	2.75	<1	14	66	3190	2.96	<10	1.64	255	15	0.06	12	90	70	<5	<20	59	<0.01	<10	21	<10	<1	109
194	128283	0.6	1.22	10	30	<5	2.46	<1	13	80	2287	3.13	<10	1.68	347	16	0.05	11	150	32	<5	<20	52	<0.01	<10	23	<10	<1	124
195	128284	0.5	1.23	10	25	<5	2.14	<1	12	83	1701	3.06	<10	1.59	357	19	0.05	12	160	62	<5	<20	44	<0.01	<10	20	<10	<1	121
196	128285	0.9	0.80	10	25	<5	1.41	<1	9	98	2454	2.14	<10	1.00	252	12	0.05	11	60	78	<5	<20	30	<0.01	<10	11	<10	<1	89
197	128286	0.5	1.04	10	30	<5	2.27	<1	11	107	1538	2.80	<10	1.51	494	12	0.05	12	140	78	<5	<20	48	<0.01	<10	15	<10	<1	118
198	128287	0.7	1.13	20	40	<5	2.03	<1	19	119	1894	3.19	<10	1.48	499	9	0.04	24	330	36	<5	<20	47	<0.01	<10	17	<10	<1	146
199	128288	1.1	1.74	15	45	<5	2.61	2	21	107	2706	5.06	<10	2.32	652	36	0.03	32	790	66	<5	<20	66	<0.01	<10	32	<10	<1	340
200	128289	<0.2	0.63	5	45	<5	1.92	<1	8	73	98	3.32	<10	1.03	402	4	0.03	3	190	18	<5	<20	48	<0.01	<10	6	<10	<1	66
201	128290	<0.2	0.56	5	40	<5	1.66	<1	6	83	65	2.77	<10	0.90	324	3	0.04	2	180	16	<5	<20	47	<0.01	<10	5	<10	<1	58
202	128290A	<0.2	0.62	<5	40	<5	0.58	<1	5	61	7	1.93	60	0.26	435	<1	0.07	1	380	30	<5	<20	15	0.14	<10	17	<10	31	41
203	128291	<0.2	0.71	<5	40	<5	1.92	<1	8	80	51	2.62	<10	1.22	354	2	0.04	2	190	20	<5	<20	75	<0.01	<10	7	<10	<1	86
204	128292	<0.2	0.92	5	40	<5	1.96	<1	6	63	75	2.61	<10	1.36	417	2	0.03	<1	220	18	<5	<20	51	<0.01	<10	9	<10	<1	99
205	128293	0.8	1.32	25	35	<5	2.30	<1	14	98	2009	3.55	<10	1.97	728	6	0.03	13	310	22	<5	<20	63	<0.01	<10	16	<10	<1	139
206	128294	0.8	1.35	55	55	<5	1.77	<1	15	93	2328	3.61	<10	1.79	545	8	0.03	19	510	26	<5	<20	42	<0.01	<10	19	<10	<1	134
207	128295	0.2	1.56	10	30	<5	2.64	<1	12	89	937	3.09	<10	2.33	631	5	0.03	13	380	24	<5	<20	60	<0.01	<10	18	<10	<1	138
208	128296	<0.2	1.40	10	30	<5	1.71	<1	10	88	526	3.09	<10	1.70	540	11	0.04	3	240	22	<5	<20	39	<0.01	<10	17	<10	<1	117
209	128297	0.3	1.28	10	35	<5	1.81	<1	10	97	1284	2.84	<10	1.68	448	8	0.04	6	150	18	5	<20	39	<0.01	<10	15	<10	<1	107
210	128298	0.6	1.14	5	35	<5	2.43	<1	16	78	1819	3.04	<10	1.77	559	12	0.04	6	150	18	<5	<20	45	<0.01	<10	15	<10	<1	95
211	128299	0.6	1.09	5	35	<5	1.39	<1	9	65	1759	2.36	<10	1.33	319	26	0.05	3	100	20	<5	<20	33	<0.01	<10	14	<10	<1	87
212	128300	0.5	0.89	<5	30	<5	2.00	<1	9	78	1649	2.41	<10	1.35	381	14	0.06	4	210	14	<5	<20	40	<0.01	<10	14	<10	<1	73
213	128301	0.4	1.16	5	35	<5	1.74	<1	12	99	1243	2.82	<10	1.61	350	3	0.05	5	160	20	<5	<20	42	<0.01	<10	17	<10	<1	95
214	128301A	>30	0.48	2060	95	<5	0.99	127	99	1261	9373	>10	<10	0.72	1224	25	<0.01	975	<10	5242	80	<20	17	<0.01	<10	19	50	<1	>10000
215	128302	0.4	1.02	<5	35	<5	1.55	<1	14	101	1676	2.95	<10	1.44	311	6	0.05	4	160	18	<5	<20	40	<0.01	<10	20	<10	<1	93
216	128303	0.3	1.28	<5	25	<5	1.76	<1	12	90	1489	3.22	<10	1.96	358	25	0.06	4	190	20	<5	<20	48	<0.01	<10	21	<10	<1	110
217	128304	0.9	1.35	<5	30	<5	0.81	<1	25	107	3754	4.41	<10	1.67	299	5	0.04	21	760	16	<5	<20	20	<0.01	<10	26	<10	<1	106
218	128305	0.6	1.90	<5	30	<5	0.93	<1	16	108	2745	4.25	<10	2.21	290	9	0.04	12	210	24	<5	<20	24	<0.01	<10	29	<10	<1	140
219	128306	1.4	1.87	<5	45	<5	0.68	<1	27	117	5153	5.38	<10	2.08	292	31	0.04	10	<10	20	<5	<20	18	<0.01	<10	35	<10	<1	149
220	128307	0.9	1.04	5	35	<5	0.67	<1	14	128	3350	2.96	<10	1.09	203	7	0.04	12	<10	14	<5	<20	16	<0.01	<10	14	<10	<1	75
221	128308	0.8	0.75	<5	30	<5	1.12	<1	16	112	3065	2.86	<10	1.07	285	4	0.03	12	<10	10	<5	<20	22	<0.01	<10	9	<10	<1	70
222	128309	1.4	1.08	<5	40	<5	0.95	<1	17	137	4282	3.83	<10	1.47	272	8	0.04	13	<10	14	<5	<20	38	<0.01	<10	15	<10	<1	95
223	128310	1.3	1.10	<5	50	<5	0.93	<1	28	105	4092	4.35	<10	1.54	325	4	0.04	14	<10	14	<5	<20	27	<0.01	<10	15	<10	<1	88
224	128311	1.2	0.56	<5	40	<5	1.59	<1	16	111	3748	3.88	<10	1.34	368	9	0.05	10	<10	6	<5	<20	41	<0.01	<10	10	<10	<1	54
225	128312	1.0	0.60	<5	40	<5	1.29	<1	13	94	3059	3.33	<10	1.37	340	5	0.05	4	20	8	<5	<20	39	<0.01	<10	8	<10	<1	66
226	128313	1.0	0.86	<5	45	<5	2.17	<1	14	96	3186	3.68	<10	1.81	540	2	0.05	6	10	12	<5	<20	55	<0.01	<10	12	<10	<1	68
227	128314	0.3	1.29	<5	45	<5	0.98	<1	14	98	1468	2.98	<10	1.65	380	4	0.03	9	60	22	<5	<20	27	<0.01	<10	19	<10	<1	93
228	128315	0.2	1.24	10	45	<5	1.37	<1	10	123	860	2.62	<10	1.78	474	2	0.03	9	80	22	<5	<20	39	<0.01	<10	19	<10	<1	92
229	128316	0.4	1.04	10	55	<5	2.31	<1	11	86	1197	2.74	<10	2.11	553	5	0.03	7	80	16	5	<20	66	<0.01	<10	15	<10	<1	99
230	128317	1.0	0.40	15	50	<5	1.58	<1	26	103	2413	3.48	<10	1.03	350	6	0.04	10	<10	8	<5	<20	45	<0.01	<10	7	<10	<1	39

ECO TECH LABORATORY LTD. **ICP CERTIFICATE OF ANALYSIS AK 2005-1704** **CME & COMPANY**

Et #.	Tag #	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
231	128318	1.1	0.58	<5	60	<5	1.40	<1	11	80	3149	2.17	<10	1.14	334	12	0.04	9	30	8	<5	<20	40	<0.01	<10	8	<10	<1	54
232	128319	0.4	1.07	<5	65	<5	1.72	<1	13	97	2022	3.07	<10	2.03	429	8	0.04	12	130	16	<5	<20	55	<0.01	<10	15	<10	<1	139
233	128320	0.9	0.59	<5	60	<5	2.43	<1	16	83	2649	3.08	<10	1.57	343	13	0.04	9	<10	10	10	<20	74	<0.01	<10	11	<10	<1	69
234	128321	1.1	0.90	<5	60	<5	1.53	<1	12	93	3244	2.83	<10	1.57	328	8	0.04	10	<10	10	5	<20	50	<0.01	<10	16	<10	<1	113
235	128322	<0.2	0.12	<5	20	<5	2.21	<1	1	145	24	0.89	<10	1.04	545	2	0.01	3	70	6	<5	<20	75	<0.01	<10	3	<10	7	20
236	128323	<0.2	0.65	<5	60	<5	0.83	<1	8	125	285	1.92	<10	0.90	162	10	0.03	10	200	12	<5	<20	46	<0.01	<10	10	<10	<1	63
237	128324	0.2	0.47	5	60	<5	1.87	<1	8	150	772	2.21	<10	1.20	251	11	0.02	11	<10	8	<5	<20	112	<0.01	<10	8	<10	<1	69
238	128325	0.6	0.94	10	55	<5	1.06	<1	10	101	1921	2.95	<10	1.35	221	10	0.03	11	50	12	<5	<20	35	<0.01	<10	12	<10	<1	110
239	128326	0.4	0.52	10	60	<5	1.45	<1	7	115	942	2.26	<10	0.99	308	6	0.02	11	50	10	10	<20	44	<0.01	<10	6	<10	<1	59
240	128326A	<0.2	0.63	<5	45	<5	0.59	<1	5	76	9	1.87	60	0.25	429	<1	0.08	1	370	32	<5	<20	17	0.14	<10	17	<10	32	40
241	128327	2.0	0.22	255	40	<5	1.96	<1	8	106	1054	2.93	<10	0.94	345	35	0.03	11	<10	20	370	<20	78	<0.01	<10	5	<10	<1	161
242	128328	2.0	0.46	205	40	<5	2.14	<1	9	95	1133	3.04	<10	1.28	325	20	0.03	11	50	18	370	<20	98	<0.01	<10	6	<10	<1	193
243	128329	0.5	0.61	10	30	<5	1.30	<1	11	128	1315	3.15	<10	1.08	259	34	0.04	19	220	16	<5	<20	45	<0.01	<10	8	<10	<1	79
244	128330	1.1	0.89	10	45	<5	0.94	<1	12	107	3386	3.34	<10	1.25	205	14	0.03	14	130	16	<5	<20	32	<0.01	<10	13	<10	<1	143
245	128331	0.8	1.02	5	35	<5	1.45	<1	21	83	3353	4.68	<10	1.62	309	13	0.04	11	60	20	<5	<20	41	<0.01	<10	16	<10	<1	177
246	128332	0.6	1.26	<5	45	<5	2.28	<1	19	81	2099	4.90	<10	2.30	467	5	0.04	7	180	20	<5	<20	59	<0.01	<10	20	<10	<1	205
247	128333	1.6	0.85	5	40	<5	1.66	<1	12	91	4335	2.93	<10	1.39	320	18	0.04	10	<10	18	<5	<20	42	<0.01	<10	11	<10	<1	146
248	128334	1.3	1.22	15	50	<5	1.32	<1	29	81	3444	7.84	<10	1.68	365	8	0.03	8	<10	20	<5	<20	46	<0.01	<10	17	<10	<1	225
249	128335	0.9	2.29	35	55	<5	0.19	<1	29	77	3130	>10	<10	3.06	940	7	0.02	9	20	38	<5	<20	11	<0.01	<10	31	<10	<1	455
250	128336	1.6	0.20	10	40	<5	1.52	<1	17	152	4259	7.01	<10	0.71	282	6	0.03	14	<10	6	<5	<20	38	<0.01	<10	4	<10	<1	63
251	128337	1.6	0.31	<5	40	<5	2.48	<1	27	91	5074	7.02	<10	1.79	566	5	0.05	9	<10	16	<5	<20	73	<0.01	<10	6	<10	<1	83
252	128338	0.7	0.89	5	45	<5	1.42	<1	33	106	2589	6.82	<10	1.26	218	5	0.04	9	70	12	<5	<20	34	<0.01	<10	12	<10	<1	179
253	128339	1.2	0.92	15	45	<5	0.27	<1	49	95	4082	8.48	<10	0.83	115	7	0.03	10	<10	10	<5	<20	9	<0.01	<10	12	<10	<1	189
254	128340	1.4	2.12	20	70	<5	0.10	<1	32	72	4418	7.05	<10	1.94	545	4	0.02	13	<10	46	<5	<20	6	<0.01	<10	30	<10	<1	275
255	128340A	<0.2	0.63	<5	35	<5	0.61	<1	5	55	29	1.85	50	0.27	423	<1	0.06	<1	360	28	<5	<20	18	0.13	<10	17	<10	27	39
256	128341	0.9	1.84	5	65	<5	0.44	<1	22	82	2833	6.58	<10	1.76	540	5	0.02	11	50	38	<5	<20	21	<0.01	<10	32	<10	<1	188
257	128342	1.2	2.07	5	75	<5	0.12	<1	23	58	3596	7.20	<10	1.73	603	5	0.02	11	60	70	<5	<20	8	0.01	<10	33	<10	<1	233
258	128343	1.9	0.61	10	65	<5	2.84	1	22	84	4895	6.91	<10	1.94	742	5	0.03	11	<10	12	<5	<20	50	<0.01	<10	12	<10	<1	198
259	128344	1.2	0.32	15	40	<5	0.82	<1	17	119	3108	2.93	<10	0.51	266	14	0.02	9	<10	8	<5	<20	19	<0.01	<10	6	<10	<1	62
260	128345	0.6	0.15	10	30	<5	0.67	<1	7	155	1665	1.91	<10	0.24	158	24	0.03	9	<10	6	<5	<20	14	<0.01	<10	3	<10	<1	22
QC DATA:																													
Resplit:																													
1	128101	<0.2	1.03	5	55	<5	0.78	<1	10	84	25	2.48	20	0.67	239	2	0.02	30	200	10	<5	<20	20	<0.01	<10	9	<10	2	32
36	128134	0.8	0.51	2410	45	<5	1.50	<1	12	67	338	3.10	<10	0.27	179	3	0.02	14	270	92	<5	<20	27	<0.01	<10	9	<10	<1	208
71	128167	0.2	1.51	30	35	<5	5.31	<1	15	52	109	3.98	<10	1.31	712	3	0.04	5	260	104	<5	<20	63	<0.01	<10	30	<10	<1	285
105	128199	<0.2	1.25	25	30	<5	3.37	<1	13	54	123	3.87	<10	1.24	535	3	0.04	3	260	24	<5	<20	27	<0.01	<10	16	<10	<1	73
105	128199	<0.2	1.46	25	40	<5	3.77	<1	17	41	160	4.05	<10	1.42	587	4	0.05	4	260	22	<5	<20	36	<0.01	<10	26	<10	<1	75
106	128200	<0.2	1.38	30	40	<5	3.36	<1	15	49	127	3.98	<10	1.37	551	3	0.05	3	260	28	<5	<20	36	<0.01	<10	23	<10	<1	73
106	128200	<0.2	1.32	25	35	<5	3.33	<1	13	76	112	3.80	<10	1.36	552	4	0.05	5	240	26	<5	<20	33	<0.01	<10	22	<10	<1	71
107	128201	<0.2	1.53	25	35	<5	3.38	<1	13	52	56	3.96	<10	1.32	523	3	0.05	3	260	40	<5	<20	35	<0.01	<10	27	<10	<1	70
141	128233	<0.2	2.07	30	55	<5	2.10	<1	16	102	173	4.68	<10	1.58	574	4	0.02	41	370	32	<5	<20	36	<0.01	<10	19	<10	<1	67

ECO TECH LABORATORY LTD. **ICP CERTIFICATE OF ANALYSIS AK 2005-1704** **CME & COMPANY**

Et #.	Tag #	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
176	128266	<0.2	0.67	5	25	<5	1.11	<1	3	79	25	1.52	<10	0.75	212	2	0.04	1	120	14	<5	<20	27	<0.01	<10	4	<10	2	16
211	128299	0.7	0.99	<5	35	<5	1.45	<1	7	85	1761	2.14	<10	1.24	330	12	0.05	4	100	18	<5	<20	32	<0.01	<10	12	<10	<1	82
246	128332	0.7	1.26	<5	50	<5	2.47	<1	18	90	2039	4.83	<10	2.36	490	5	0.04	7	170	22	<5	<20	62	<0.01	<10	20	<10	<1	206
Repeat:																													
1	128101	<0.2	1.03	<5	60	<5	0.79	<1	10	90	30	2.61	20	0.62	240	2	0.02	27	210	12	<5	<20	18	<0.01	<10	8	<10	3	30
10	128109	1.6	1.55	<5	50	<5	4.09	2	86	80	5162	>10	<10	1.03	815	8	0.03	36	<10	6	<5	<20	109	<0.01	<10	31	<10	<1	156
19	128118	0.3	1.08	15	55	<5	1.89	<1	93	85	1091	8.41	<10	1.22	347	6	0.03	24	160	12	<5	<20	41	<0.01	<10	20	<10	<1	65
36	128134	0.8	0.50	2685	40	<5	1.49	<1	12	91	352	3.01	<10	0.26	174	4	0.02	17	290	92	<5	<20	26	<0.01	<10	9	<10	<1	210
45	128142	<0.2	1.00	25	25	<5	3.32	<1	8	126	52	1.67	10	0.91	316	4	0.04	45	340	22	<5	<20	56	<0.01	<10	36	<10	13	26
54	128151	<0.2	2.01	30	25	<5	5.90	<1	15	57	369	3.95	<10	1.88	576	3	0.04	19	310	34	<5	<20	91	<0.01	<10	71	<10	<1	49
71	128167	0.2	1.46	30	30	<5	5.03	<1	14	57	103	3.97	<10	1.25	679	4	0.04	6	270	118	<5	<20	57	<0.01	<10	29	<10	<1	315
80	128176	0.2	0.83	45	30	<5	2.70	<1	11	96	30	3.07	<10	1.06	471	3	0.05	30	320	58	<5	<20	25	<0.01	<10	10	<10	3	245
89	128184	0.2	2.60	130	45	<5	6.54	<1	23	93	366	9.04	<10	1.76	1401	6	0.01	15	280	48	<5	<20	86	<0.01	<10	43	<10	<1	168
105	128199	<0.2	1.44	20	40	<5	3.74	<1	16	40	151	4.03	<10	1.39	583	3	0.05	2	250	24	<5	<20	34	<0.01	<10	26	<10	<1	75
106	128200	<0.2	1.28	25	35	<5	3.51	<1	15	58	117	3.88	<10	1.27	541	3	0.05	5	260	30	<5	<20	38	<0.01	<10	22	<10	<1	75
115	128208	<0.2	3.20	50	35	<5	1.09	<1	18	61	54	6.96	<10	2.64	637	6	0.02	9	270	58	<5	<20	10	<0.01	<10	43	<10	<1	101
124	128217	<0.2	2.44	25	30	<5	1.59	<1	10	63	230	4.21	<10	2.08	459	3	0.02	12	260	46	<5	<20	20	<0.01	<10	41	<10	<1	57
141	128233	0.2	2.04	20	55	<5	2.14	<1	16	112	184	4.29	<10	1.61	547	5	0.01	38	360	36	<5	<20	35	<0.01	<10	17	<10	<1	62
150	128241	1.0	1.30	20	45	<5	0.80	<1	27	115	1092	5.74	<10	1.06	429	6	0.02	22	100	24	<5	<20	14	<0.01	<10	9	<10	<1	57
159	128250	0.7	1.71	15	50	<5	0.72	<1	24	95	441	4.57	<10	1.41	350	6	0.02	24	250	52	<5	<20	17	<0.01	<10	12	<10	<1	41
176	128266	<0.2	0.66	<5	25	<5	0.96	<1	2	76	25	1.46	<10	0.69	187	2	0.04	2	130	14	<5	<20	22	<0.01	<10	4	<10	2	17
185	128275	0.5	0.41	15	25	<5	2.25	<1	8	82	1333	1.80	<10	1.00	276	17	0.05	12	170	52	<5	<20	60	<0.01	<10	7	<10	<1	38
194	128283	0.6	1.25	10	30	<5	2.46	<1	14	81	2286	3.14	<10	1.71	348	15	0.05	11	150	32	<5	<20	53	<0.01	<10	23	<10	<1	122
211	128299	0.5	1.08	<5	30	<5	1.42	<1	8	65	1741	2.37	<10	1.35	324	30	0.04	2	80	18	<5	<20	34	<0.01	<10	13	<10	<1	86
220	128307	0.9	1.04	<5	40	<5	0.68	<1	14	128	3444	2.98	<10	1.11	206	7	0.04	12	<10	12	<5	<20	17	<0.01	<10	14	<10	<1	76
229	128316	0.4	1.00	5	50	<5	2.28	<1	11	82	1175	2.71	<10	2.06	546	5	0.03	8	70	16	<5	<20	66	<0.01	<10	15	<10	<1	96
246	128332	0.6	1.23	<5	40	<5	2.29	<1	20	78	2005	4.93	<10	2.28	467	5	0.03	8	160	22	<5	<20	58	<0.01	<10	20	<10	<1	204
Standard:																													
GEO '05		1.5	1.66	65	170	<5	1.75	<1	19	61	87	4.04	<10	0.87	663	<1	0.03	29	660	24	<5	<20	55	0.10	<10	66	<10	10	73
GEO '05		1.5	1.63	60	170	<5	1.73	<1	19	61	87	4.06	<10	0.85	662	<1	0.03	28	690	22	<5	<20	52	0.10	<10	74	<10	9	74
GEO '05		1.5	1.62	60	170	<5	1.74	<1	19	63	84	4.04	<10	0.84	657	<1	0.03	28	670	20	<5	<20	52	0.11	<10	70	<10	10	75
GEO '05		1.5	1.55	55	165	<5	1.69	<1	19	60	83	4.06	<10	0.82	648	<1	0.02	28	670	24	<5	<20	54	0.10	<10	70	<10	10	74
GEO '05		1.5	1.54	60	170	<5	1.74	<1	20	60	87	4.00	<10	0.90	695	<1	0.03	30	670	24	<5	<20	54	0.12	<10	70	<10	9	74
GEO '05		1.6	1.53	55	170	<5	1.70	<1	21	60	86	4.00	<10	0.95	713	<1	0.03	30	690	20	<5	<20	56	0.12	<10	74	<10	10	76

ECO TECH LABORATORY LTD.
Jutta Jealouse
B.C. Certified Assayer

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ASSAYING
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ENVIRONMENTAL TESTING

10041 Dallas Drive, Kamloops, BC V2C 6T4
Phone (250) 573-5700 Fax (250) 573-4557
E-mail: info@ecotechlab.com
www.ecotechlab.com

CERTIFICATE OF ASSAY AK 2005-1704

CME & COMPANY
#2130-21331 Gordon Way
Richmond, BC
V6W 1J9

23-Dec-05

No. of samples received: 260
Sample type: Core
Project Name: Harper Creek Comp.
Project Number: P60
Submitted By: L. Crittenden

ET #.	Tag #	Au (g/t)	Au (oz/t)	Ag (g/t)	Ag (oz/t)	Cu (%)	Zn (%)
2	128101A					0.33	
9	128108					0.44	
10	128109					0.52	
16	128115					0.12	
17	128116					0.17	
18	128117					0.20	
19	128118					0.10	
20	128119					0.12	
33	128131					0.10	
55	128151A			86.9	2.534	0.95	2.03
88	128183					0.18	
90	128185					0.17	
91	128186					0.11	
108	128201A	1.69	0.049	85.8	2.502	0.94	2.04
142	128234					0.17	
143	128235					0.21	
145	128237					0.16	
146	128238					0.27	
147	128239					0.75	
148	128240					0.44	
150	128241					0.10	

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CME & COMPANY AK2005-1704 23-Dec-05

ET #.	Tag #	Au (g/t)	Au (oz/t)	Ag (g/t)	Ag (oz/t)	Cu (%)	Zn (%)
161	128251A					0.34	
164	128254					0.13	
165	128255					0.14	
167	128257					0.12	
168	128258					0.22	
169	128259					0.40	
170	128260					0.31	
171	128261					0.10	
172	128262					0.88	
173	128263					0.28	
174	128264					0.77	
177	128267					0.21	
179	128269					0.30	
180	128270					0.13	
185	128275					0.13	
186	128276					0.66	
188	128277					0.84	
189	128278					0.15	
190	128279					0.40	
191	128280					0.11	
192	128281					0.32	
193	128282					0.30	
194	128283					0.22	
195	128284					0.18	
196	128285					0.25	
197	128286					0.15	
198	128287					0.19	
199	128288					0.28	
205	128293					0.20	
206	128294					0.23	
207	128295					0.09	
209	128297					0.12	
210	128298					0.18	

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ET #.	Tag #	Au (g/t)	Au (oz/t)	Ag (g/t)	Ag (oz/t)	Cu (%)	Zn (%)
211	128299					0.19	
212	128300					0.16	
213	128301					0.12	
214	128301A	1.63	0.048	86.8	2.531	0.94	2.02
215	128302					0.16	
216	128303					0.14	
217	128304					0.36	
218	128305					0.27	
219	128306					0.52	
220	128307					0.34	
221	128308					0.30	
222	128309					0.43	
223	128310					0.41	
224	128311					0.38	
225	128312					0.31	
226	128313					0.32	
227	128314					0.15	
229	128316					0.12	
230	128317					0.25	
231	128318					0.32	
232	128319					0.19	
233	128320					0.27	
234	128321					0.33	
238	128325					0.20	
241	128327					0.12	
242	128328					0.14	
243	128329					0.14	
244	128330					0.34	
245	128331					0.24	
246	128332					0.21	
247	128333					0.44	
248	128334					0.37	
249	128335					0.33	

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ET #.	Tag #	Au (g/t)	Au (oz/t)	Ag (g/t)	Ag (oz/t)	Cu (%)	Zn (%)
250	128336					0.46	
251	128337					0.51	
252	128338					0.26	
253	128339					0.40	
254	128340					0.45	
256	128341					0.29	
257	128342					0.34	
258	128343					0.48	
259	128344					0.31	
260	128345					0.17	
QC DATA:							
Repeat:							
2	128101A					0.33	
55	128151A			86.3	2.517	0.93	2.03
146	128238					0.27	
177	128267					0.21	
192	128281					0.32	
206	128294					0.23	
224	128311					0.38	
233	128320					0.27	
246	128332					0.21	
Standard:							
Cu106				135	3.937	1.41	
Cu106				134	3.908	1.43	
Cu106						1.42	
Pb106				58.6	1.709	0.62	
Pb106				58.3	1.700	0.62	
Pb106						0.62	
OX140		1.86	0.054				

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CERTIFICATE OF ANALYSIS AK2005-1704

CME MANAGING CONSULTANTS LTD.
2130-21331 Gordon Way
Richmond, BC
V6W 1J9

23-Dec-05

No. of samples received: 260
Sample type: Core
Project Name: Harper Creek Comp.
Project #: P60
Samples Submitted by: L. Crittenden

ET #.	Tag #	Au (ppb)	Pd (ppb)
1	128101	<5	<5
2	128101A	260	5
3	128102	<5	<5
4	128103	5	<5
5	128104	15	<5
6	128105	10	<5
7	128106	5	<5
8	128107	5	<5
9	128108	65	<5
10	128109	20	<5
11	128110	5	<5
12	128111	5	<5
13	128112	15	5
14	128113	<5	<5
15	128114	15	<5
16	128115	25	<5
17	128116	25	<5
18	128117	50	<5
19	128118	10	<5
20	128119	20	5
21	128120	5	<5
22	128121	20	<5
23	128122	35	5
24	128123	15	<5
25	128124	10	<5

CME MANAGING CONSULTANTS LTD. AK5-1704 23-Dec-05

ET #.	Tag #	Au (ppb)	Pd (ppb)
26	128125	5	<5
27	128126	5	<5
28	128126A	<5	<5
29	128127	10	<5
30	128128	10	5
31	128129	5	<5
32	128130	20	10
33	128131	25	<5
34	128132	5	<5
35	128133	5	<5
36	128134	125	5
37	128135	40	<5
38	128136	25	15
39	128137	10	5
40	128138	10	<5
41	128139	10	15
42	128140	10	5
43	128140A	<5	10
44	128141	<5	5
45	128142	5	10
46	128143	5	20
47	128144	5	<5
48	128145	<5	5
49	128146	5	<5
50	128147	5	<5
51	128148	<5	5
52	128149	5	<5
53	128150	5	5
54	128151	10	<5
55	128151A	>1000	25
56	128152	10	<5
57	128153	10	70
58	128154	20	25
59	128155	5	5
60	128156	5	<5
61	128157	5	5
62	128158	5	<5
63	128159	10	<5

CME MANAGING CONSULTANTS LTD. AK5-1704 23-Dec-05

ET #.	Tag #	Au (ppb)	Pd (ppb)
64	128160	25	5
65	128161	15	<5
66	128162	15	10
67	128163	5	<5
68	128164	10	5
69	128165	5	10
70	128166	5	<5
71	128167	5	<5
72	128168	5	<5
73	128169	10	<5
74	128170	5	5
75	128171	5	<5
76	128172	5	<5
77	128173	25	<5
78	128174	15	<5
79	128175	5	<5
80	128176	<5	<5
81	128176A	5	<5
82	128177	10	<5
83	128178	5	<5
84	128179	10	5
85	128180	5	<5
86	128181	15	<5
87	128182	10	<5
88	128183	40	<5
89	128184	15	<5
90	128185	30	<5
91	128186	55	<5
92	128187	20	5
93	128188	5	<5
94	128189	10	<5
95	128190	<5	<5
96	128190A	<5	<5
97	128191	5	<5
98	128192	5	<5
99	128193	15	<5
100	128194	5	5
101	128195	20	<5

CME MANAGING CONSULTANTS LTD. AK5-1704 23-Dec-05

ET #.	Tag #	Au (ppb)	Pd (ppb)
102	128196	5	<5
103	128197	5	<5
104	128198	5	<5
105	128199	<5	<5
106	128200	5	<5
107	128201	5	<5
108	128201A	>1000	10
109	128202	5	<5
110	128203	5	<5
111	128204	5	5
112	128205	5	5
113	128206	5	<5
114	128207	10	5
115	128208	15	<5
116	128209	15	<5
117	128210	10	<5
118	128211	5	<5
119	128212	<5	<5
120	128213	<5	<5
121	128214	<5	<5
122	128215	5	<5
123	128216	5	5
124	128217	10	25
125	128218	15	5
126	128219	<5	<5
127	128220	5	15
128	128221	5	20
129	128222	<5	5
130	128223	<5	<5
131	128224	<5	<5
132	128225	<5	<5
133	128226	5	5
134	128226A	5	<5
135	128227	<5	<5
136	128228	<5	<5
137	128229	25	5
138	128230	<5	5
139	128231	25	<5
140	128232	<5	<5

CME MANAGING CONSULTANTS LTD. AK5-1704 23-Dec-05

ET #.	Tag #	Au (ppb)	Pd (ppb)
141	128233	5	10
142	128234	10	<5
143	128235	20	15
144	128236	5	<5
145	128237	10	<5
146	128238	25	10
147	128239	145	<5
148	128240	25	<5
149	128240A	5	5
150	128241	10	5
151	128242	10	15
152	128243	5	<5
153	128244	10	<5
154	128245	10	10
155	128246	10	5
156	128247	10	10
157	128248	5	5
158	128249	10	20
159	128250	10	5
160	128251	10	5
161	128251A	255	<5
162	128252	10	<5
163	128253	10	5
164	128254	15	<5
165	128255	5	<5
166	128256	15	20
167	128257	10	10
168	128258	10	5
169	128259	15	<5
170	128260	15	<5
171	128261	10	<5
172	128262	60	5
173	128263	25	<5
174	128264	120	<5
175	128265	10	<5
176	128266	5	<5
177	128267	40	<5
178	128268	25	10

CME MANAGING CONSULTANTS LTD. AK5-1704 23-Dec-05

ET #.	Tag #	Au (ppb)	Pd (ppb)
179	128269	20	<5
180	128270	20	10
181	128271	10	<5
182	128272	5	5
183	128273	5	<5
184	128274	5	10
185	128275	15	10
186	128276	60	<5
187	128276A	5	5
188	128277	60	10
189	128278	10	<5
190	128279	40	<5
191	128280	15	10
192	128281	25	<5
193	128282	20	10
194	128283	15	10
195	128284	15	<5
196	128285	15	<5
197	128286	10	10
198	128287	10	<5
199	128288	10	<5
200	128289	5	<5
201	128290	15	25
202	128290A	25	15
203	128291	5	5
204	128292	5	<5
205	128293	20	<5
206	128294	35	5
207	128295	15	<5
208	128296	10	10
209	128297	15	<5
210	128298	20	<5
211	128299	10	<5
212	128300	10	<5
213	128301	15	<5
214	128301A	>1000	25
215	128302	10	<5
216	128303	15	<5
217	128304	25	<5

CME MANAGING CONSULTANTS LTD. AK5-1704 23-Dec-05

ET #.	Tag #	Au (ppb)	Pd (ppb)
218	128305	25	<5
219	128306	30	<5
220	128307	20	<5
221	128308	15	<5
222	128309	25	<5
223	128310	25	<5
224	128311	20	<5
225	128312	10	<5
226	128313	15	<5
227	128314	10	<5
228	128315	5	<5
229	128316	10	<5
230	128317	30	<5
231	128318	20	<5
232	128319	15	<5
233	128320	35	<5
234	128321	30	<5
235	128322	5	<5
236	128323	5	<5
237	128324	5	<5
238	128325	20	<5
239	128326	20	<5
240	128326A	<5	<5
241	128327	45	<5
242	128328	40	<5
243	128329	10	<5
244	128330	10	<5
245	128331	15	<5
246	128332	20	<5
247	128333	25	<5
248	128334	30	<5
249	128335	25	5
250	128336	20	<5
251	128337	20	<5
252	128338	20	<5
253	128339	30	<5
254	128340	15	5
255	128340A	5	<5

CME MANAGING CONSULTANTS LTD. AK5-1704 23-Dec-05

ET #.	Tag #	Au (ppb)	Pd (ppb)
256	128341	15	5
257	128342	30	<5
258	128343	30	<5
259	128344	25	<5
260	128345	15	5
QC DATA:			
Repeat:			
1	128101	5	<5
9	128108	55	
10	128109	20	<5
18	128117	50	
19	128118	5	<5
36	128134	125	5
45	128142	<5	10
71	128167	5	<5
80	128176	<5	<5
81	128176A	<5	
89	128184	10	<5
91	128186	55	
93	128188	5	
106	128200	10	<5
115	128208	10	<5
124	128217	5	
141	128233	5	10
147	128239	155	
150	128241	10	5
159	128250	5	5
161	128251A	275	
174	128264	95	
176	128266	5	5
178	128268	5	
185	128275	15	5
187	128276A	<5	
188	128277	55	
194	128283	10	5
211	128299	10	<5
220	128307	20	<5
229	128316	10	<5
246	128332	20	<5
256	128341	15	<5

CME MANAGING CONSULTANTS LTD. AK5-1704 23-Dec-05

ET #.	Tag #	Au (ppb)	Pd (ppb)
Standard:			
	OXF41	830	<5
	OXF41	820	<5
	OXF41	820	<5
	PG114	440	380
	PG114	450	370
	PG114	440	370

ECO TECH LABORATORY LTD.
Jutta Jealouse
B.C. Certified Assayer

JJ/ga
XLS/05
Fax: Richmond Office & email

ECO TECH LABORATORY LTD.
10041 Dallas Drive
KAMLOOPS, B.C.
V2C 6T4

Phone: 250-573-5700
Fax : 250-573-4557

ICP CERTIFICATE OF ANALYSIS AK 2005-1712

CME Managing Consultants Inc.
#2130-21331 Gordon Way
Richmond, BC
V6W 1J9

No. of samples received: 206
Sample type: Core
Project Name: Harper Creek
Project Number: P60
Submitted By: L. Crittenden

Values in ppm unless otherwise reported

Et #.	Tag #	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
1	128346	<0.2	3.14	50	25	<5	5.93	<1	45	273	64	6.35	<10	4.49	1590	3	0.02	266	220	14	<5	<20	161	<0.01	<10	88	<10	<1	98
2	128347	<0.2	2.28	20	30	<5	3.93	<1	26	206	71	5.25	<10	2.91	951	10	0.02	105	430	32	<5	<20	123	<0.01	<10	46	<10	<1	70
3	128348	<0.2	3.55	60	30	<5	8.22	<1	73	415	96	8.42	<10	6.17	2177	3	<0.01	486	210	10	<5	<20	213	<0.01	<10	89	<10	<1	137
4	128349	<0.2	1.22	10	30	<5	2.46	<1	17	109	51	3.76	<10	1.31	495	8	0.02	36	810	20	<5	<20	64	<0.01	<10	19	<10	<1	40
5	128350	<0.2	2.67	<5	40	<5	4.68	<1	35	144	77	7.23	<10	3.13	1102	5	0.01	87	540	22	<5	<20	111	<0.01	<10	55	<10	<1	99
6	128351	<0.2	1.67	15	35	<5	4.85	<1	18	138	135	6.57	<10	1.70	898	7	0.02	119	320	8	<5	<20	138	<0.01	<10	24	<10	<1	49
7	128351A	0.3	0.90	10	40	<5	3.18	<1	20	387	3280	7.22	<10	1.17	786	11	0.07	295	850	8	<5	<20	159	<0.01	<10	71	<10	3	106
8	128352	<0.2	3.45	45	35	<5	4.17	<1	53	241	86	7.99	<10	3.61	1064	5	0.01	203	540	30	<5	<20	95	<0.01	<10	81	<10	<1	117
9	128353	<0.2	1.63	15	35	<5	1.78	<1	17	120	57	3.83	<10	1.47	482	7	0.01	47	560	20	<5	<20	38	<0.01	<10	20	<10	<1	56
10	128354	<0.2	3.05	1370	40	<5	5.51	<1	40	146	142	7.72	<10	2.99	1625	7	0.01	109	960	28	<5	<20	134	<0.01	<10	63	<10	<1	168
11	128355	0.3	2.16	15	45	<5	2.53	<1	28	116	87	6.16	<10	2.14	918	8	0.01	74	780	68	<5	<20	62	<0.01	<10	29	<10	<1	119
12	128356	<0.2	2.08	380	40	<5	3.05	2	24	161	70	5.49	<10	2.02	1000	8	<0.01	75	790	18	<5	<20	71	<0.01	<10	29	<10	<1	324
13	128357	<0.2	4.26	175	40	5	4.93	<1	47	212	71	9.14	<10	4.35	1726	5	0.01	126	690	16	<5	<20	121	<0.01	<10	91	<10	<1	160
14	128358	<0.2	4.74	180	40	5	4.34	<1	47	224	34	9.29	<10	4.24	1441	3	0.02	109	1200	18	<5	<20	111	0.01	<10	135	<10	<1	116
15	128359	<0.2	3.58	100	35	10	3.72	<1	40	192	47	8.22	<10	3.30	1130	5	0.02	87	880	30	<5	<20	74	0.02	<10	115	<10	<1	75
16	128360	<0.2	3.38	10	50	<5	3.60	<1	44	244	90	7.83	<10	3.32	1061	4	0.02	117	580	14	<5	<20	81	0.05	<10	109	<10	1	54
17	128361	<0.2	4.44	20	35	<5	3.58	<1	47	263	74	9.06	<10	4.56	1211	1	0.03	112	600	20	<5	<20	85	0.12	<10	175	<10	<1	67
18	128362	<0.2	4.42	30	30	5	3.88	<1	57	315	68	8.43	<10	4.62	1223	<1	0.02	165	670	22	<5	<20	99	0.14	<10	174	<10	<1	63
19	128363	<0.2	4.98	20	30	<5	3.21	<1	44	258	30	8.49	<10	5.13	1190	<1	0.02	122	1000	28	<5	<20	83	0.18	<10	173	<10	5	71
20	128364	<0.2	2.77	5	35	<5	3.29	<1	38	243	73	7.09	<10	2.56	924	<1	0.03	88	460	18	<5	<20	74	0.18	<10	120	<10	2	48
21	128365	<0.2	1.90	45	50	<5	1.86	<1	45	149	99	6.92	<10	1.73	551	5	0.01	126	940	32	<5	<20	35	0.08	<10	37	<10	2	56
22	128366	<0.2	3.28	70	65	5	2.66	<1	52	213	73	9.70	<10	3.19	871	2	0.02	127	680	24	<5	<20	64	0.12	<10	82	<10	<1	60
23	128367	<0.2	3.65	65	65	<5	1.79	<1	49	272	95	8.04	<10	3.62	711	5	0.02	167	620	22	<5	<20	46	0.09	<10	91	<10	5	50
24	128368	<0.2	3.82	50	55	<5	5.10	<1	38	193	94	8.34	<10	3.64	1054	<1	0.02	98	620	20	<5	<20	132	0.10	<10	114	<10	<1	48
25	128369	0.3	3.21	50	65	<5	1.28	<1	45	121	432	8.65	<10	3.09	594	6	0.02	56	590	24	<5	<20	29	0.10	<10	109	<10	<1	44
26	128370	<0.2	2.31	75	45	<5	1.22	<1	56	119	175	7.10	<10	2.24	417	6	0.03	83	750	22	<5	<20	27	0.07	<10	83	<10	3	30
27	128371	<0.2	2.96	50	40	<5	2.76	<1	45	172	282	7.04	<10	2.95	617	2	0.03	86	670	18	<5	<20	69	0.11	<10	117	<10	2	33
28	128372	<0.2	3.89	35	45	<5	3.77	<1	36	204	140	7.82	<10	4.03	778	<1	0.02	108	590	26	<5	<20	100	0.11	<10	119	<10	1	39
29	128373	<0.2	5.57	460	40	5	6.47	<1	84	715	38	9.11	<10	5.84	1255	<1	0.01	439	600	26	<5	<20	178	0.11	<10	135	<10	<1	48
30	128374	<0.2	4.16	75	40	<5	4.34	<1	55	266	194	8.30	<10	4.02	995	<1	0.02	153	650	20	<5	<20	109	0.16	<10	140	<10	<1	43
31	128375	<0.2	2.84	80	35	<5	6.40	<1	35	248	80	6.39	<10	2.73	1139	3	0.02	128	620	18	<5	<20	244	0.07	<10	82	<10	4	30
32	128376	<0.2	3.60	180	35	<5	6.85	<1	46	369	298	7.04	<10	4.08	1106	3	0.01	332	540	20	<5	<20	199	0.06	<10	90	<10	<1	37
33	128377	<0.2	3.91	70	35	<5	7.41	<1	37	247	408	7.85	<10	3.79	1459	<1	0.02	125	560	22	<5	<20	207	0.10	<10	139	<10	<1	43
34	128378	<0.2	3.98	65	35	<5	5.66	<1	38	302	217	8.31	<10	3.80	1156	7	0.03	138	660	20	<5	<20	165	0.12	<10	165	<10	<1	41
35	128379	<0.2	4.40	50	20	<5	6.08	<1	36	290	290	7.70	<10	4.39	893	3	0.02	134	620	28	<5	<20	193	0.13	<10	176	<10	<1	50

Et #.	Tag #	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
36	128380	<0.2	4.78	75	25	<5	6.39	<1	42	337	157	8.37	<10	5.02	954	<1	0.02	172	620	28	<5	<20	205	0.15	<10	171	<10	<1	58
37	128381	<0.2	4.52	70	25	<5	5.81	<1	38	293	136	8.02	<10	4.55	997	<1	0.02	128	1390	28	<5	<20	175	0.16	<10	181	<10	3	84
38	128382	<0.2	3.76	75	50	<5	5.42	<1	31	195	248	7.87	<10	3.52	1071	<1	0.02	72	550	22	<5	<20	164	0.11	<10	127	<10	<1	95
39	128383	<0.2	4.43	125	40	<5	6.93	<1	37	273	137	8.28	<10	4.30	1413	2	0.01	149	600	26	<5	<20	239	0.07	<10	121	<10	<1	98
40	128384	0.4	3.71	175	50	<5	4.36	<1	40	237	870	7.93	<10	3.48	978	4	0.02	166	520	24	<5	<20	124	0.08	<10	106	<10	<1	68
41	128385	<0.2	4.01	70	30	<5	8.87	<1	34	259	151	8.23	<10	3.58	1633	<1	0.02	120	570	24	<5	<20	280	0.10	<10	153	<10	<1	54
42	128386	<0.2	4.21	65	25	<5	6.17	<1	36	275	96	7.79	<10	4.07	1273	<1	0.03	135	620	30	<5	<20	193	0.12	<10	162	<10	<1	46
43	128387	<0.2	3.37	165	25	<5	4.05	<1	34	260	396	5.44	<10	3.56	807	<1	0.02	160	640	54	<5	<20	129	0.08	<10	108	<10	14	44
44	128388	<0.2	3.61	50	25	<5	3.65	<1	38	196	436	6.80	<10	3.61	756	<1	0.03	94	1140	36	<5	<20	115	0.09	<10	145	<10	9	79
45	128389	<0.2	1.95	30	15	<5	>10	<1	14	161	141	4.08	<10	1.86	1779	<1	0.01	43	810	60	<5	<20	624	0.04	<10	63	<10	32	66
46	128390	0.2	4.92	60	35	<5	4.39	1	40	295	860	9.33	<10	4.62	929	5	0.02	121	1780	42	<5	<20	140	0.06	<10	174	<10	<1	171
47	128390A	<0.2	0.62	<5	35	<5	0.60	<1	5	55	5	1.87	50	0.27	422	<1	0.06	1	390	22	<5	<20	17	0.14	<10	17	<10	30	36
48	128391	0.2	3.21	50	45	<5	5.45	<1	26	201	365	6.45	<10	2.91	978	4	0.02	95	560	60	<5	<20	172	0.03	<10	91	<10	2	188
49	128392	3.1	2.75	165	50	<5	1.88	3	39	157	1122	>10	<10	2.49	463	9	0.02	117	610	460	<5	<20	62	<0.01	<10	46	<10	<1	366
50	128393	<0.2	4.46	190	25	<5	5.50	<1	36	344	65	6.26	<10	4.93	945	2	0.01	246	720	68	<5	<20	188	0.01	<10	117	<10	3	257
51	128394	<0.2	4.40	55	40	<5	4.89	<1	30	266	395	6.96	10	4.64	839	4	0.02	110	1710	74	<5	<20	162	<0.01	<10	120	<10	13	246
52	128395	<0.2	3.40	60	35	<5	6.24	<1	26	184	201	6.34	<10	3.36	902	10	0.02	73	560	58	<5	<20	182	<0.01	<10	89	<10	3	247
53	128396	<0.2	3.77	95	25	<5	4.56	<1	26	239	173	6.13	<10	3.74	621	5	0.02	99	660	42	<5	<20	124	<0.01	<10	117	<10	2	182
54	128397	<0.2	2.10	60	25	<5	3.31	<1	14	120	154	3.10	<10	2.08	342	14	0.04	53	520	34	<5	<20	90	<0.01	<10	49	<10	7	78
55	128398	<0.2	1.28	10	25	<5	4.63	<1	5	72	173	1.75	<10	1.52	396	5	0.04	8	230	26	5	<20	116	<0.01	<10	24	<10	7	55
56	128399	<0.2	2.10	45	35	<5	4.97	<1	12	117	182	3.82	<10	2.25	637	10	0.03	38	340	32	<5	<20	116	<0.01	<10	51	<10	5	81
57	128400	<0.2	4.14	145	35	<5	6.82	<1	32	283	115	6.57	<10	4.28	972	8	0.02	132	530	24	<5	<20	150	<0.01	<10	149	<10	<1	92
58	128401	<0.2	2.42	55	30	<5	5.15	<1	24	123	183	5.17	<10	2.68	707	9	0.04	42	340	18	<5	<20	95	<0.01	<10	82	<10	4	122
59	128401A	>30	0.50	1880	85	<5	0.96	111	94	1193	9355	>10	<10	0.76	1215	23	<0.01	914	<10	4634	50	<20	16	<0.01	<10	19	50	<1	>10000
60	128402	<0.2	1.41	25	30	<5	3.45	<1	14	79	311	3.32	<10	1.60	453	7	0.04	5	290	14	<5	<20	63	<0.01	<10	29	<10	2	120
61	128403	<0.2	0.82	95	45	<5	4.91	<1	10	72	164	2.68	<10	1.80	653	3	0.05	6	340	28	<5	<20	138	<0.01	<10	16	<10	14	126
62	128404	0.3	0.70	55	20	<5	5.05	3	7	71	141	2.41	<10	1.46	539	4	0.07	6	290	38	<5	<20	79	<0.01	<10	14	<10	5	254
63	128405	<0.2	1.07	20	15	<5	5.01	3	7	66	211	2.07	<10	1.43	541	3	0.08	5	310	32	<5	<20	71	<0.01	<10	25	<10	6	343
64	128406	0.2	1.01	10	20	<5	5.41	<1	5	62	120	1.62	<10	1.40	538	<1	0.06	4	270	68	<5	<20	64	<0.01	<10	23	<10	7	151
65	128407	<0.2	0.85	10	20	<5	6.11	<1	4	61	55	1.53	<10	1.25	620	<1	0.07	4	320	54	<5	<20	72	<0.01	<10	21	<10	9	118
66	128408	0.6	0.72	20	25	<5	4.66	<1	6	75	147	2.02	<10	1.46	533	2	0.08	6	300	170	<5	<20	55	<0.01	<10	17	<10	6	140
67	128409	0.5	0.68	35	25	<5	4.02	<1	11	85	45	3.78	<10	1.57	573	2	0.10	5	290	106	<5	<20	63	<0.01	<10	14	<10	<1	158
68	128410	<0.2	0.79	20	25	<5	3.93	<1	12	61	47	3.41	<10	1.58	570	3	0.08	4	290	10	<5	<20	36	<0.01	<10	17	<10	1	107
69	128411	<0.2	0.95	40	25	<5	4.14	<1	11	57	153	3.65	<10	1.85	681	3	0.08	3	270	10	<5	<20	37	<0.01	<10	19	<10	<1	135
70	128412	<0.2	0.63	10	20	<5	4.24	<1	8	77	120	3.01	<10	1.71	614	2	0.09	3	280	6	<5	<20	35	<0.01	<10	15	<10	<1	170
71	128413	<0.2	0.99	10	25	<5	3.25	<1	12	59	92	3.48	<10	1.75	463	3	0.08	4	220	8	<5	<20	39	<0.01	<10	32	<10	<1	121
72	128414	0.6	0.53	10	15	<5	4.52	<1	7	77	468	2.97	<10	1.95	723	2	0.07	4	150	12	<5	<20	57	<0.01	<10	18	<10	4	118
73	128415	<0.2	0.45	5	20	<5	3.21	<1	5	72	27	2.14	<10	1.34	529	2	0.08	2	310	4	<5	<20	46	<0.01	<10	14	<10	<1	48
74	128416	<0.2	0.46	5	20	<5	3.50	<1	4	55	8	2.15	<10	1.47	531	2	0.08	4	370	4	<5	<20	44	<0.01	<10	16	<10	2	50
75	128417	<0.2	0.34	10	20	<5	4.27	<1	7	79	105	2.46	<10	1.65	575	7	0.09	6	310	6	<5	<20	48	<0.01	<10	11	<10	<1	101
76	128418	<0.2	0.69	10	20	<5	4.12	<1	10	61	218	3.20	<10	1.92	470	4	0.08	9	400	8	<5	<20	46	<0.01	<10	27	<10	<1	185
77	128419	<0.2	0.68	5	15	<5	2.74	<1	6	86	50	2.49	<10	1.38	391	2	0.06	7	300	8	<5	<20	32	<0.01	<10	22	<10	<1	92
78	128420	<0.2	1.23	20	40	<5	3.54	<1	17	60	135	4.38	<10	1.92	462	4	0.07	7	270	20	<5	<20	33	<0.01	<10	41	<10	<1	168
79	128421	<0.2	0.83	20	35	<5	4.03	<1	16	81	90	3.71	<10	1.63	490	3	0.07	6	250	10	<5	<20	32	<0.01	<10	29	<10	<1	130
80	128422	<0.2	1.73	65	30	<5	3.76	<1	19	54	138	5.82	<10	2.36	523	4	0.05	5	190	26	<5	<20	26	<0.01	<10	49	<10	<1	173
81	128423	<0.2	1.02	25	25	<5	5.17	<1	16	60	205	4.31	<10	2.16	678	5	0.06	5	220	20	<5	<20	42	<0.01	<10	30	<10	<1	145
82	128424	0.7	1.54	55	35	<5	4.89	<1	23	77	167	6.37	<10	1.85	646	7	0.06	9	280	94	<5	<20	47	<0.01	<10	36	<10	<1	151
83	128425	<0.2	1.38	25	25	<5	5.09	<1	11	51	105	3.56	<10	1.75	712	2	0.05	5	210	34	<5	<20	45	<0.01	<10	37	<10	1	149
84	128426	0.9	2.03	55	30	<5	2.94	2	16	49	572	5.12	<10	1.65	509	4	0.04	10	190	78	<5	<20	27	<0.01	<10	38	<10	<1	267
85	128427	1.0	2.82	60	30	<5	2.00	5	22	62	559	7.09	<10	2.05	562	5	0.03	6	550	64	<5	<20	24	<0.01	<10	55	<10	<1	500

Et #.	Tag #	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
86	128428	<0.2	1.64	25	30	<5	5.25	2	7	65	91	4.30	<10	2.01	901	9	0.04	12	520	28	25	<20	42	<0.01	<10	66	<10	2	107
87	128429	0.3	1.46	110	20	<5	1.57	<1	6	57	360	4.74	<10	1.43	341	6	0.04	5	390	30	<5	<20	14	<0.01	<10	33	<10	<1	77
88	128430	0.6	1.76	25	25	<5	1.32	<1	10	65	984	6.76	<10	1.46	320	6	0.05	6	250	42	<5	<20	16	<0.01	<10	32	<10	<1	94
89	128431	0.7	1.89	25	30	<5	1.75	5	20	77	952	6.81	<10	1.65	457	19	0.04	23	200	34	45	<20	18	<0.01	30	38	<10	<1	106
90	128432	0.3	3.44	50	30	<5	1.65	<1	30	55	630	9.45	<10	2.44	560	5	0.02	10	480	40	<5	<20	23	<0.01	<10	83	<10	<1	204
91	128433	0.2	1.08	15	25	<5	3.39	3	13	54	60	4.48	<10	1.51	541	10	0.04	12	100	38	25	<20	31	<0.01	10	22	<10	<1	142
92	128434	0.3	2.18	50	35	<5	2.31	<1	27	54	256	8.15	<10	2.05	531	7	0.04	7	200	58	<5	<20	17	<0.01	<10	54	<10	<1	226
93	128435	0.2	0.67	15	25	<5	4.13	2	14	53	91	4.36	<10	1.65	641	8	0.05	14	210	40	20	<20	24	<0.01	20	26	<10	<1	146
94	128436	<0.2	1.32	15	20	<5	3.29	<1	16	52	83	4.83	<10	1.85	646	4	0.05	6	220	26	<5	<20	20	<0.01	<10	36	<10	<1	185
95	128437	<0.2	1.15	20	25	<5	3.37	<1	17	59	79	4.95	<10	1.82	662	4	0.05	7	190	24	<5	<20	24	<0.01	<10	36	<10	<1	162
96	128438	<0.2	1.16	15	20	<5	2.48	<1	15	73	89	4.11	<10	1.42	467	3	0.06	6	260	24	<5	<20	18	<0.01	<10	35	<10	<1	158
97	128439	0.2	1.99	15	25	<5	1.43	<1	18	67	146	5.78	<10	1.61	367	10	0.03	8	270	44	<5	<20	10	<0.01	<10	42	<10	<1	208
98	128440	1.3	1.97	35	30	<5	1.13	7	21	66	656	7.56	<10	1.49	343	7	0.03	12	200	90	<5	<20	10	<0.01	<10	36	<10	<1	593
99	128440A	<0.2	0.47	<5	20	<5	0.43	<1	4	43	6	1.52	30	0.20	324	<1	0.05	<1	370	20	<5	<20	9	0.10	<10	13	<10	18	34
100	128441	<0.2	0.80	15	20	<5	2.36	<1	11	65	38	3.40	<10	1.10	500	2	0.04	6	240	22	<5	<20	17	<0.01	<10	16	<10	<1	147
101	128442	0.2	0.98	15	20	<5	2.24	<1	8	74	80	3.49	<10	0.92	260	3	0.03	14	230	32	<5	<20	17	<0.01	<10	10	<10	<1	246
102	128443	<0.2	0.71	20	20	<5	1.49	<1	6	77	94	3.24	<10	0.69	297	2	0.03	14	200	24	<5	<20	9	<0.01	<10	8	<10	<1	172
103	128444	0.5	0.31	45	20	<5	1.15	16	13	116	164	3.41	<10	0.37	244	2	0.02	10	70	28	<5	<20	8	<0.01	<10	3	<10	<1	1029
104	128445	<0.2	0.48	20	20	<5	1.05	2	5	105	89	2.21	<10	0.39	197	1	0.03	13	1370	12	<5	<20	10	<0.01	<10	5	<10	4	207
105	128446	<0.2	1.27	15	20	<5	0.89	<1	8	67	65	3.69	<10	0.93	290	2	0.03	19	390	22	<5	<20	9	<0.01	<10	13	<10	<1	208
106	128447	0.6	1.14	15	35	<5	1.43	9	9	103	91	3.92	<10	1.02	338	3	0.05	23	160	44	<5	<20	17	<0.01	<10	19	<10	<1	404
107	128448	0.2	1.04	20	35	<5	0.90	<1	10	97	94	3.81	<10	0.92	235	3	0.04	19	220	22	<5	<20	18	<0.01	<10	13	<10	<1	145
108	128449	<0.2	1.08	45	35	<5	1.56	<1	6	92	40	2.56	10	0.92	276	2	0.05	20	370	16	<5	<20	29	<0.01	<10	13	<10	3	71
109	128450	0.2	1.01	20	25	<5	1.03	<1	6	100	131	2.16	<10	0.91	226	2	0.04	18	170	14	<5	<20	17	<0.01	<10	10	<10	2	43
110	128451	<0.2	1.68	10	25	<5	1.67	<1	8	86	51	3.20	10	1.37	329	2	0.04	11	200	16	<5	<20	28	<0.01	<10	29	<10	<1	45
111	128451A	>30	0.48	1475	80	<5	0.50	96	86	1131	9141	>10	<10	0.72	1119	22	0.01	850	<10	3878	40	<20	12	<0.01	<10	18	50	<1	>10000
112	128452	0.9	2.37	50	45	<5	1.85	<1	25	94	520	5.95	<10	1.85	633	5	0.02	19	260	32	<5	<20	29	<0.01	<10	31	<10	<1	82
113	128453	0.4	0.98	<5	30	<5	0.49	<1	9	98	137	2.72	<10	0.75	257	1	0.02	12	160	30	<5	<20	8	<0.01	<10	8	<10	<1	62
114	128454	<0.2	1.14	15	40	<5	0.74	<1	9	100	43	3.38	<10	1.03	337	2	0.02	15	190	14	<5	<20	16	<0.01	<10	10	<10	<1	72
115	128455	<0.2	1.23	95	35	<5	0.63	<1	13	107	58	3.13	<10	0.88	264	2	0.03	18	270	14	<5	<20	11	<0.01	<10	11	<10	<1	38
116	128456	<0.2	1.05	65	35	<5	0.80	<1	9	100	42	2.97	<10	0.88	298	1	0.02	20	240	12	<5	<20	13	<0.01	<10	9	<10	<1	41
117	128457	<0.2	0.90	15	30	<5	0.95	<1	14	99	62	2.69	<10	0.83	251	2	0.03	13	170	10	<5	<20	17	<0.01	<10	11	<10	<1	32
118	128458	0.3	1.65	15	40	<5	1.82	<1	21	70	285	4.42	<10	1.47	377	3	0.03	10	230	14	<5	<20	28	<0.01	<10	24	<10	<1	45
119	128459	0.6	1.48	20	55	<5	1.39	<1	19	108	749	4.10	<10	1.45	357	3	0.03	7	170	16	<5	<20	25	<0.01	<10	22	<10	<1	46
120	128460	0.7	1.31	20	35	<5	1.09	<1	16	94	883	3.51	<10	1.36	298	4	0.03	15	160	18	<5	<20	23	<0.01	<10	15	<10	<1	39
121	128461	0.4	1.62	15	45	<5	0.59	<1	14	117	737	3.56	<10	1.35	233	3	0.02	22	190	18	<5	<20	20	<0.01	<10	13	<10	<1	36
122	128462	0.6	1.49	35	45	<5	1.76	<1	16	109	1253	3.84	<10	1.69	353	5	0.02	18	210	14	<5	<20	51	<0.01	<10	16	<10	<1	32
123	128463	0.2	1.41	10	55	<5	0.47	<1	10	112	474	2.89	10	1.11	193	1	0.02	24	200	14	<5	<20	14	<0.01	<10	10	<10	<1	22
124	128464	0.8	1.44	35	50	<5	0.70	<1	18	118	1916	3.52	<10	1.22	215	7	0.02	30	300	16	<5	<20	14	<0.01	<10	17	<10	<1	33
125	128465	1.2	3.48	55	60	<5	3.49	<1	45	106	3277	7.77	<10	3.16	705	17	0.02	41	1340	24	<5	<20	74	0.07	<10	104	<10	9	66
126	128466	0.5	3.96	30	35	<5	4.76	<1	48	323	2371	7.66	<10	3.82	676	46	0.02	85	900	28	<5	<20	125	0.08	<10	153	<10	7	64
127	128467	0.8	4.29	30	30	<5	5.04	<1	47	420	3207	8.84	<10	3.97	800	21	0.03	87	730	26	<5	<20	143	0.03	<10	162	<10	<1	74
128	128468	0.7	2.68	25	50	<5	3.82	<1	24	192	2949	6.18	<10	2.56	593	26	0.02	51	770	28	<5	<20	100	<0.01	<10	65	<10	3	103
129	128469	0.7	2.12	30	35	<5	2.69	<1	26	96	2498	5.57	<10	2.37	488	9	0.03	30	970	18	<5	<20	64	<0.01	<10	62	<10	<1	94
130	128470	0.8	2.63	25	40	<5	4.20	<1	35	98	3196	7.70	<10	3.13	714	12	0.03	36	1420	16	<5	<20	102	<0.01	<10	109	<10	<1	93
131	128471	0.7	1.12	5	25	<5	1.84	<1	13	98	1987	2.96	<10	1.41	333	19	0.04	14	240	10	<5	<20	44	<0.01	<10	21	<10	<1	53
132	128472	0.4	1.06	10	35	<5	2.63	<1	10	123	608	2.97	<10	1.75	611	16	0.04	19	630	12	<5	<20	56	<0.01	<10	14	<10	5	59
133	128473	0.3	1.16	10	30	<5	2.32	<1	12	82	468	3.06	<10	1.75	550	9	0.05	21	480	14	<5	<20	51	<0.01	<10	20	<10	3	71
134	128474	0.6	0.87	5	35	<5	2.18	<1	10	108	1130	3.09	<10	1.40	494	17	0.04	15	310	10	<5	<20	46	<0.01	<10	14	<10	<1	81
135	128475	0.3	0.90	<5	30	<5	1.76	<1	8	101	557	2.51	<10	1.30	341	20	0.05	12	250	12	<5	<20	38	<0.01	<10	15	<10	1	64

Et #.	Tag #	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Tl %	U	V	W	Y	Zn
136	128476	0.8	0.82	<5	25	<5	1.99	<1	10	100	1799	2.59	<10	1.36	347	12	0.05	8	140	8	<5	<20	36	<0.01	<10	14	<10	<1	51
137	128477	0.3	0.61	<5	20	<5	2.21	<1	7	66	1011	1.77	<10	1.17	244	24	0.07	5	180	8	<5	<20	36	<0.01	<10	9	<10	<1	32
138	128478	0.4	0.99	15	25	<5	1.83	<1	10	96	1181	2.44	<10	1.41	254	22	0.06	6	250	12	<5	<20	35	<0.01	<10	15	<10	<1	55
139	128479	0.7	0.88	5	25	<5	1.80	<1	14	82	2154	2.97	<10	1.60	378	5	0.05	4	110	10	<5	<20	42	<0.01	<10	14	<10	<1	63
140	128480	1.4	0.69	5	20	<5	1.16	<1	12	102	3753	3.13	<10	1.09	280	9	0.05	5	<10	8	<5	<20	29	<0.01	<10	11	<10	<1	50
141	128481	0.8	0.75	<5	60	<5	0.95	<1	7	111	1934	1.93	<10	1.13	367	3	0.03	8	70	8	<5	<20	28	<0.01	<10	12	<10	<1	46
142	128482	0.9	1.00	5	45	<5	0.74	<1	9	84	2576	2.00	<10	1.15	232	10	0.04	7	100	12	<5	<20	15	<0.01	<10	12	<10	<1	67
143	128483	1.0	1.06	<5	40	<5	1.27	<1	9	93	3003	2.37	<10	1.45	289	21	0.04	9	200	12	<5	<20	20	<0.01	<10	15	<10	<1	80
144	128484	1.1	1.51	5	20	<5	1.68	<1	16	117	3389	3.35	<10	2.23	361	22	0.04	30	530	18	<5	<20	24	<0.01	<10	26	<10	<1	169
145	128485	0.7	0.68	5	25	<5	2.18	<1	8	103	1867	2.21	<10	1.42	527	51	0.05	9	200	18	<5	<20	29	<0.01	<10	10	<10	1	84
146	128486	1.0	0.80	<5	25	<5	1.85	<1	7	97	3435	1.73	<10	1.39	356	64	0.05	9	50	30	<5	<20	23	<0.01	<10	11	<10	<1	108
147	128487	1.1	1.21	<5	20	<5	1.78	<1	11	102	3616	2.18	<10	1.88	369	21	0.05	10	70	28	5	<20	22	<0.01	<10	17	<10	<1	154
148	128488	1.2	1.53	5	25	<5	1.97	<1	14	111	4800	3.04	<10	2.17	381	27	0.05	16	350	20	<5	<20	29	<0.01	<10	30	<10	<1	160
149	128489	0.6	0.85	5	20	<5	0.99	<1	6	140	1925	1.51	<10	1.10	183	28	0.05	13	170	32	<5	<20	14	<0.01	<10	12	<10	1	92
150	128490	0.9	0.91	5	30	<5	1.38	<1	5	130	2384	1.56	<10	1.22	245	19	0.07	13	200	50	<5	<20	21	<0.01	<10	12	<10	1	84
151	128490A	<0.2	0.73	<5	45	<5	0.57	<1	5	77	7	1.77	50	0.25	418	<1	0.11	2	360	24	<5	<20	17	0.14	<10	16	<10	33	32
152	128491	0.7	1.26	10	30	<5	0.99	<1	9	107	1885	2.05	<10	1.36	247	18	0.05	15	220	66	<5	<20	18	<0.01	<10	16	<10	2	121
153	128492	2.0	2.77	20	40	<5	2.53	<1	29	140	6146	6.02	<10	3.38	596	30	0.03	43	840	32	<5	<20	33	<0.01	<10	67	<10	<1	285
154	128493	2.3	1.37	10	35	<5	3.95	1	22	128	4980	5.30	<10	3.17	758	10	0.05	51	430	178	<5	<20	59	<0.01	<10	30	<10	<1	119
155	128494	1.4	2.18	10	45	<5	2.78	<1	18	198	4096	4.88	<10	3.10	716	12	0.03	54	520	28	<5	<20	70	<0.01	<10	42	<10	<1	142
156	128495	1.1	0.42	20	20	<5	0.18	<1	5	157	1029	2.28	<10	0.48	192	20	0.03	10	120	204	<5	<20	124	<0.01	<10	5	<10	<1	45
157	128496	2.3	0.79	20	20	<5	0.48	<1	8	147	3010	3.23	<10	0.92	221	11	0.04	14	<10	64	<5	<20	163	<0.01	<10	9	<10	<1	92
158	128497	0.7	0.88	10	30	<5	0.76	<1	6	124	1561	2.27	<10	1.25	337	13	0.04	16	620	14	<5	<20	177	<0.01	<10	10	<10	<1	75
159	128498	0.5	0.65	5	25	<5	1.30	<1	7	158	1235	2.42	<10	1.12	299	14	0.03	14	90	12	<5	<20	39	<0.01	<10	8	<10	<1	52
160	128499	2.3	1.94	<5	35	<5	2.50	<1	25	70	8050	5.94	<10	2.64	468	16	0.04	21	1460	18	<5	<20	66	<0.01	<10	49	<10	2	123
161	128500	1.7	1.22	<5	30	<5	1.84	<1	13	98	5536	3.61	<10	1.92	352	14	0.04	26	330	28	<5	<20	52	<0.01	<10	20	<10	<1	94
162	128501	2.3	3.30	5	40	<5	2.16	<1	36	72	7974	8.35	<10	3.37	786	13	0.03	22	1540	26	<5	<20	54	<0.01	<10	105	<10	<1	186
163	128501A	0.7	0.95	15	35	<5	2.74	<1	20	366	3210	6.96	<10	1.04	745	11	0.06	281	920	14	<5	<20	124	<0.01	<10	68	<10	2	109
164	128502	1.7	3.07	10	40	<5	2.99	<1	28	80	6746	7.76	<10	3.25	771	15	0.03	25	1490	30	<5	<20	59	<0.01	<10	104	<10	<1	126
165	128503	1.8	3.13	10	30	<5	2.19	<1	34	72	6078	7.26	<10	3.24	677	11	0.02	32	1390	56	<5	<20	37	<0.01	<10	98	<10	<1	187
166	128504	1.7	3.30	10	35	<5	2.63	1	35	66	6033	8.11	<10	3.48	1021	14	0.02	23	1490	30	<5	<20	41	<0.01	<10	97	<10	<1	157
167	128505	0.9	1.54	<5	25	<5	1.39	<1	11	92	2650	2.66	<10	1.86	456	10	0.03	22	380	22	<5	<20	25	<0.01	<10	15	<10	<1	55
168	128506	0.7	1.16	5	25	<5	0.67	<1	7	109	1701	1.96	<10	1.35	256	6	0.03	19	170	58	<5	<20	14	<0.01	<10	10	<10	<1	52
169	128507	0.6	1.25	15	35	<5	0.71	<1	7	111	1544	2.15	<10	1.35	311	6	0.03	19	190	80	<5	<20	14	<0.01	<10	11	<10	<1	62
170	128508	0.7	1.42	20	25	<5	0.71	<1	9	98	1758	2.57	<10	1.52	398	5	0.02	22	190	22	<5	<20	12	<0.01	<10	11	<10	<1	85
171	128509	1.0	1.39	15	40	<5	0.68	<1	12	87	2385	2.88	<10	1.40	335	4	0.03	24	270	60	<5	<20	13	<0.01	<10	11	<10	<1	86
172	128510	1.9	1.84	25	35	<5	1.03	<1	19	89	3805	3.99	<10	1.95	464	6	0.03	29	470	190	<5	<20	17	<0.01	<10	26	<10	<1	163
173	128511	0.9	2.57	15	40	<5	1.73	<1	18	98	1871	5.00	<10	2.79	727	11	0.03	27	1140	90	<5	<20	31	<0.01	<10	47	<10	<1	229
174	128512	1.2	2.87	25	55	<5	1.74	<1	29	144	3562	6.65	<10	3.10	825	17	0.02	40	870	36	<5	<20	31	<0.01	<10	45	<10	<1	247
175	128513	1.4	3.06	10	35	<5	2.58	<1	37	116	4837	7.19	<10	3.41	816	12	0.02	56	1300	50	<5	<20	42	<0.01	<10	54	<10	<1	235
176	128514	0.6	3.04	10	40	<5	3.71	<1	33	145	2214	7.71	<10	3.61	863	9	0.03	63	1050	30	<5	<20	56	<0.01	<10	80	<10	<1	172
177	128515	0.8	3.05	15	35	<5	3.17	<1	36	121	3205	7.69	<10	3.45	814	10	0.03	58	1050	36	<5	<20	43	<0.01	<10	81	<10	<1	101
178	128516	1.2	3.25	20	35	<5	3.50	<1	40	132	4233	8.73	<10	3.75	841	34	0.02	56	990	34	<5	<20	46	<0.01	<10	79	<10	<1	105
179	128517	1.3	3.20	10	50	<5	3.72	<1	33	127	3777	7.89	<10	3.76	1478	14	0.02	57	1060	34	<5	<20	51	<0.01	<10	65	<10	<1	187
180	128518	0.7	1.59	5	30	<5	1.81	<1	14	116	1811	4.21	<10	1.83	714	11	0.02	22	870	22	<5	<20	24	<0.01	<10	28	<10	<1	156
181	128519	0.9	1.60	10	35	<5	1.75	<1	15	100	2436	3.65	<10	1.82	506	17	0.03	26	780	24	<5	<20	25	<0.01	<10	24	<10	<1	118
182	128520	1.6	1.34	5	30	<5	1.59	<1	32	108	6133	5.35	<10	1.49	409	46	0.02	25	60	24	<5	<20	22	<0.01	<10	11	<10	<1	77
183	128521	0.3	0.77	10	25	<5	1.40	<1	6	196	1034	2.22	<10	0.99	506	6	0.02	15	130	14	<5	<20	18	<0.01	<10	7	<10	<1	67
184	128522	0.2	1.17	15	30	<5	1.44	<1	10	122	559	2.62	<10	1.35	473	3	0.03	25	250	20	<5	<20	18	<0.01	<10	11	<10	<1	76
185	128523	0.4	1.55	5	20	<5	1.67	<1	12	118	795	3.38	<10	1.82	449	7	0.02	26	350	20	<5	<20	21	<0.01	<10	27	<10	<1	61

Et #.	Tag #	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
186	128524	1.0	3.24	20	50	<5	3.53	<1	46	120	2626	>10	<10	3.69	1189	10	0.02	46	1090	30	<5	<20	45	<0.01	<10	109	<10	<1	116
187	128525	1.2	2.86	20	40	<5	4.23	<1	44	154	2878	8.90	<10	3.44	984	11	0.03	53	810	24	<5	<20	55	<0.01	<10	82	<10	<1	153
188	128526	0.7	2.48	10	40	<5	4.36	<1	41	167	1408	8.34	<10	3.49	833	7	0.03	48	850	22	<5	<20	82	<0.01	<10	84	<10	<1	188
189	128527	0.8	2.48	20	35	<5	3.74	<1	31	148	1707	7.26	<10	3.47	966	7	0.02	38	730	22	<5	<20	68	<0.01	<10	66	<10	<1	166
190	128528	0.7	0.88	15	35	<5	1.64	<1	16	107	1050	3.09	<10	1.44	673	2	0.02	19	210	14	<5	<20	36	<0.01	<10	12	<10	<1	91
191	128529	0.8	0.63	15	35	<5	2.05	<1	15	91	1135	3.24	<10	1.48	893	2	0.02	17	110	38	<5	<20	44	<0.01	<10	6	<10	<1	75
192	128530	0.3	1.01	<5	50	<5	0.53	<1	10	91	223	3.39	<10	1.05	541	2	0.02	18	220	24	<5	<20	18	<0.01	<10	11	<10	<1	62
193	128531	0.2	0.88	10	40	<5	0.49	<1	16	92	104	3.58	<10	0.80	378	5	0.02	27	170	18	<5	<20	15	<0.01	<10	12	<10	<1	59
194	128532	0.2	1.12	5	50	<5	0.20	<1	20	73	65	4.63	<10	0.87	530	3	0.02	30	350	20	<5	<20	10	<0.01	<10	16	<10	<1	76
195	128533	0.3	0.70	10	35	<5	0.55	3	16	86	191	4.33	<10	0.87	626	9	0.02	35	420	20	15	<20	19	<0.01	<10	9	<10	<1	197
196	128534	<0.2	1.14	10	45	<5	0.08	2	10	91	37	3.80	<10	0.91	442	8	0.02	29	290	20	15	<20	5	<0.01	10	13	<10	<1	102
197	128535	<0.2	0.80	10	35	<5	0.63	<1	11	97	43	3.74	<10	0.78	376	2	0.02	24	380	24	<5	<20	12	<0.01	<10	8	<10	<1	84
198	128536	0.2	0.42	10	25	<5	1.41	<1	10	117	75	3.45	<10	0.77	413	2	0.02	17	270	44	<5	<20	25	<0.01	<10	4	<10	<1	79
199	128537	0.4	0.67	45	30	<5	0.97	2	16	92	84	4.62	<10	0.91	479	7	0.02	29	120	64	10	<20	20	<0.01	<10	8	<10	<1	152
200	128538	<0.2	0.80	15	35	<5	0.45	<1	9	96	28	3.29	<10	0.86	428	2	0.02	15	80	14	<5	<20	8	<0.01	<10	7	<10	<1	112
201	128539	0.6	0.90	40	35	<5	0.60	5	15	121	49	4.58	<10	0.91	626	2	0.02	26	180	96	<5	<20	10	<0.01	<10	8	<10	<1	644
202	128540	0.2	1.79	5	45	<5	0.21	2	16	75	44	5.16	<10	1.12	594	3	0.03	34	480	26	<5	<20	7	<0.01	<10	15	<10	<1	270
203	128540B	<0.2	0.02	10	<5	<5	>10	<1	1	6	<1	0.04	<10	2.26	31	<1	0.01	<1	70	<2	20	<20	4892	<0.01	<10	2	<10	<1	<1
204	128541	<0.2	1.75	10	45	<5	0.17	<1	17	46	52	5.49	<10	1.13	874	4	0.03	43	570	24	<5	<20	8	<0.01	<10	16	<10	<1	117
205	128541A	>30	0.43	1695	75	<5	0.50	93	88	1053	9183	>10	<10	0.63	1081	19	<0.01	813	<10	3932	40	<20	10	<0.01	<10	16	50	<1	>10000
206	128542	<0.2	2.42	10	45	5	0.15	<1	17	57	32	5.85	10	1.18	328	4	0.03	36	670	34	<5	<20	6	<0.01	<10	20	<10	<1	180
QC DATA:																													
Resplit:																													
1	128346	<0.2	3.43	70	25	<5	6.47	<1	48	301	68	6.80	<10	4.90	1744	4	0.01	248	260	20	<5	<20	188	<0.01	<10	96	<10	<1	102
36	128380	<0.2	5.20	70	30	<5	6.01	<1	42	354	117	8.52	<10	5.47	958	<1	0.02	177	660	22	<5	<20	202	0.15	<10	180	<10	<1	61
71	128413	<0.2	0.98	15	15	<5	3.26	<1	9	59	86	3.66	<10	1.71	458	2	0.08	3	250	8	<5	<20	38	<0.01	<10	32	<10	<1	123
106	128447	0.5	0.83	10	25	<5	1.28	6	6	101	90	3.01	<10	0.77	295	1	0.04	19	170	32	<5	<20	13	<0.01	<10	12	<10	<1	312
141	128481	0.9	0.78	5	50	<5	1.19	<1	6	147	1892	1.99	<10	1.24	420	3	0.03	7	100	10	<5	<20	35	<0.01	<10	13	<10	<1	50
176	128514	0.6	3.16	5	45	<5	3.57	<1	37	149	2232	7.98	<10	3.62	853	9	0.03	65	1070	32	<5	<20	53	<0.01	<10	83	<10	<1	179
Repeat:																													
1	128346	<0.2	3.14	60	25	<5	6.00	<1	46	273	63	6.30	<10	4.50	1611	3	0.02	256	230	14	<5	<20	167	<0.01	<10	88	<10	<1	97
10	128354	<0.2	3.03	1410	40	<5	5.59	<1	40	145	144	7.45	<10	2.96	1639	6	0.01	103	1020	32	<5	<20	136	<0.01	<10	62	<10	<1	174
19	128363	<0.2	5.05	20	35	5	3.33	<1	47	279	32	9.04	<10	5.11	1201	<1	0.02	134	1060	30	<5	<20	93	0.18	<10	188	<10	4	76
36	128380	<0.2	4.77	65	25	<5	6.17	<1	39	317	146	8.22	<10	4.89	911	<1	0.02	164	640	30	<5	<20	186	0.12	<10	158	<10	<1	57
45	128389	<0.2	1.94	25	15	<5	>10	<1	13	158	133	4.05	<10	1.85	1782	<1	0.01	44	790	58	<5	<20	630	0.03	<10	63	<10	32	64
54	128397	<0.2	2.05	55	20	<5	3.29	<1	14	118	156	3.01	<10	2.03	338	18	0.03	52	540	34	<5	<20	89	<0.01	<10	48	<10	7	75
71	128413	<0.2	0.97	15	25	<5	3.13	<1	11	59	90	3.39	<10	1.67	447	2	0.07	3	230	8	<5	<20	34	<0.01	<10	30	<10	<1	120
89	128431	0.7	1.80	25	25	<5	1.75	<1	18	72	935	6.16	<10	1.67	458	16	0.03	19	230	36	<5	<20	18	<0.01	<10	38	<10	<1	107
106	128447	0.6	0.92	15	35	<5	1.44	9	9	101	90	3.07	<10	0.11	342	2	0.05	23	180	46	<5	<20	15	<0.01	<10	19	<10	<1	362
115	128455	<0.2	1.23	100	35	<5	0.64	<1	13	107	59	3.19	<10	0.89	270	2	0.03	19	270	14	<5	<20	11	<0.01	<10	11	<10	<1	39
124	128464	0.8	1.42	40	50	<5	0.70	<1	18	116	1895	3.49	<10	1.21	215	6	0.02	29	300	16	<5	<20	14	<0.01	<10	16	<10	<1	33
141	128481	0.8	0.74	<5	65	<5	0.93	<1	7	139	1897	1.89	<10	1.11	390	3	0.03	7	90	10	<5	<20	38	<0.01	<10	12	<10	<1	45
150	128490	0.9	0.93	<5	30	<5	1.40	<1	6	131	2308	1.59	<10	1.23	248	20	0.07	13	220	54	<5	<20	21	<0.01	<10	12	<10	3	88
159	128498	0.5	0.64	<5	25	<5	1.27	<1	8	156	1196	2.37	<10	1.08	292	15	0.03	14	90	12	<5	<20	38	<0.01	<10	8	<10	<1	51
176	128514	0.6	3.00	5	35	<5	3.70	<1	33	145	2164	7.72	<10	3.54	857	9	0.03	64	1100	32	<5	<20	52	<0.01	<10	79	<10	<1	176
185	128523	0.4	1.52	5	20	<5	1.65	<1	12	116	766	3.34	<10	1.78	442	8	0.02	24	360	22	<5	<20	10	<0.01	<10	17	<10	<1	61
194	128532	0.2	1.17	5	45	<5	0.21	<1	20	74	68	4.71	<10	0.91	541	3	0.03	31	360	18	<5	<20	12	<0.01	<10	17	<10	<1	77

Et #.	Tag #	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
Standard:																													
GEO '05		1.5	1.72	60	155	<5	1.70	<1	19	56	87	4.33	<10	0.94	662	<1	0.03	29	660	20	<5	<20	50	0.10	<10	74	<10	9	76
GEO '05		1.4	1.72	65	160	<5	1.70	<1	19	57	87	4.36	<10	0.93	671	<1	0.03	28	660	22	<5	<20	52	0.11	<10	74	<10	9	74
GEO '05		1.5	1.53	55	140	<5	1.24	<1	16	58	87	3.43	<10	0.65	520	<1	0.02	29	660	24	<5	<20	54	0.08	<10	68	<10	10	74
GEO '05		1.5	1.56	55	150	<5	1.58	<1	18	59	83	3.97	<10	0.81	596	<1	0.03	29	610	24	<5	<20	51	0.10	<10	70	<10	9	78
GEO '05		1.6	1.62	60	130	<5	1.61	<1	18	59	86	4.04	<10	0.83	606	<1	0.03	29	600	22	<5	<20	55	0.11	<10	69	<10	9	69
GEO '05		1.5	1.57	60	150	<5	1.61	<1	18	58	85	4.02	<10	0.83	606	<1	0.03	28	620	20	<5	<20	52	0.10	<10	86	<10	10	68

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Jutta Jealouse
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www.ecotechlab.com

CERTIFICATE OF ASSAY AK 2005-1712

CME Managing Consultants Inc.
#2130-21331 Gordon Way
Richmond, BC
V6W 1J9

12-Jan-06

No. of samples received: 206
Sample type: Core
Project Name: Harper Creek
Project Number: P60
Submitted By: L. Crittenden

ET #.	Tag #	Cu (%)
7	128351A	0.33
49	128392	0.11
59	128401A	0.96
88	128430	0.11
89	128431	0.11
111	128451A	0.94
122	128462	0.14
124	128464	0.21
125	128465	0.34
126	128466	0.24
127	128467	0.32
128	128468	0.30
129	128469	0.26
130	128470	0.33
131	128471	0.22
134	128474	0.12
136	128476	0.19
137	128477	0.10
138	128478	0.13
139	128479	0.22
140	128480	0.39
141	128481	0.21
142	128482	0.28

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CME Managing Consultants Inc. AK5-1712 12-Jan-06

ET #.	Tag #	Cu (%)
143	128483	0.32
144	128484	0.35
145	128485	0.20
146	128486	0.35
147	128487	0.38
148	128488	0.49
149	128489	0.20
150	128490	0.25
152	128491	0.20
153	128492	0.63
154	128493	0.52
155	128494	0.41
156	128495	0.12
157	128496	0.33
158	128497	0.18
159	128498	0.14
160	128499	0.82
161	128500	0.57
162	128501	0.81
163	128501A	0.32
164	128502	0.69
165	128503	0.63
166	128504	0.60
167	128505	0.28
168	128506	0.19
169	128507	0.16
170	128508	0.19
171	128509	0.25
172	128510	0.39
173	128511	0.19
174	128512	0.37
175	128513	0.49
176	128514	0.24
177	128515	0.34
178	128516	0.44
179	128517	0.38
180	128518	0.19
181	128519	0.26
182	128520	0.63
183	128521	0.10
186	128524	0.27

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CME Managing Consultants Inc. AK5-1712 12-Jan-06

ET #.	Tag #	Cu (%)
187	128525	0.30
188	128526	0.16
189	128527	0.19
190	128528	0.12
191	128529	0.12
205	128541A	0.92

QC DATA:

Repeat:

7	128351A	0.33
124	128464	0.21
134	128474	0.12
152	128491	0.19
161	128500	0.57
170	128508	0.19
179	128517	0.38
187	128525	0.30

Standard:

CU106		1.43
CU106		1.43

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CERTIFICATE OF ANALYSIS AK 2005-1712

CME Managing Consultants Inc.
#2130-21331 Gordon Way
Richmond, BC
V6W 1J9

12-Jan-06

No. of samples received: 206
Sample type: Core
Project Name: Harper Creek
Project Number: P60
Submitted By: L. Crittenden

ET #.	Tag #	Au (ppb)	Pd (ppb)
1	128346	<5	<5
2	128347	<5	<5
3	128348	<5	<5
4	128349	<5	<5
5	128350	<5	<5
6	128351	<5	<5
7	128351A	260	<5
8	128352	<5	<5
9	128353	<5	<5
10	128354	40	<5
11	128355	<5	<5
12	128356	<5	<5
13	128357	<5	<5
14	128358	20	<5
15	128359	<5	<5
16	128360	<5	<5
17	128361	<5	<5
18	128362	<5	<5
19	128363	<5	<5
20	128364	<5	5
21	128365	10	5
22	128366	15	<5
23	128367	5	<5
24	128368	10	<5
25	128369	15	<5
26	128370	5	5
27	128371	<5	<5
28	128372	5	5

CME Managing Consultants Inc. AK5-1712 12-Jan-06

ET #.	Tag #	Au (ppb)	Pd (ppb)
29	128373	<5	<5
30	128374	<5	<5
31	128375	<5	5
32	128376	<5	<5
33	128377	<5	<5
34	128378	5	<5
35	128379	<5	<5
36	128380	<5	<5
37	128381	<5	<5
38	128382	5	<5
39	128383	<5	<5
40	128384	10	<5
41	128385	<5	<5
42	128386	<5	<5
43	128387	<5	<5
44	128388	5	<5
45	128389	5	<5
46	128390	10	<5
47	128390A	<5	<5
48	128391	10	<5
49	128392	70	<5
50	128393	<5	<5
51	128394	5	<5
52	128395	5	<5
53	128396	<5	<5
54	128397	<5	<5
55	128398	<5	<5
56	128399	5	<5
57	128400	<5	<5
58	128401	<5	<5
59	128401A	>1000	<5
60	128402	5	<5
61	128403	5	<5
62	128404	10	<5
63	128405	<5	<5
64	128406	<5	<5
65	128407	<5	<5
66	128408	<5	<5
67	128409	20	<5
68	128410	5	<5
69	128411	15	<5
70	128412	<5	<5
71	128413	5	<5
72	128414	5	<5
73	128415	<5	<5
74	128416	<5	<5
75	128417	<5	<5
76	128418	5	<5

CME Managing Consultants Inc. AK5-1712 12-Jan-06

ET #.	Tag #	Au (ppb)	Pd (ppb)
77	128419	<5	<5
78	128420	5	<5
79	128421	5	<5
80	128422	25	<5
81	128423	5	<5
82	128424	10	<5
83	128425	15	<5
84	128426	15	<5
85	128427	20	<5
86	128428	<5	<5
87	128429	10	5
88	128430	40	<5
89	128431	25	<5
90	128432	15	5
91	128433	5	<5
92	128434	15	<5
93	128435	<5	<5
94	128436	5	<5
95	128437	<5	<5
96	128438	<5	<5
97	128439	<5	<5
98	128440	15	<5
99	128440A	<5	<5
100	128441	<5	5
101	128442	<5	<5
102	128443	<5	<5
103	128444	5	<5
104	128445	5	<5
105	128446	<5	<5
106	128447	<5	<5
107	128448	5	<5
108	128449	<5	<5
109	128450	<5	<5
110	128451	<5	<5
111	128451A	>1000	<5
112	128452	15	<5
113	128453	5	<5
114	128454	<5	<5
115	128455	<5	<5
116	128456	<5	<5
117	128457	<5	<5
118	128458	<5	<5
119	128459	<5	<5
120	128460	5	<5
121	128461	<5	<5
122	128462	10	<5
123	128463	<5	<5
124	128464	15	<5

CME Managing Consultants Inc. AK5-1712 12-Jan-06

ET #.	Tag #	Au (ppb)	Pd (ppb)
125	128465	35	<5
126	128466	15	<5
127	128467	15	<5
128	128468	10	<5
129	128469	5	<5
130	128470	15	<5
131	128471	5	<5
132	128472	5	<5
133	128473	<5	<5
134	128474	<5	<5
135	128475	5	<5
136	128476	15	<5
137	128477	5	<5
138	128478	15	<5
139	128479	15	<5
140	128480	140	<5
141	128481	15	<5
142	128482	15	<5
143	128483	55	<5
144	128484	35	<5
145	128485	15	<5
146	128486	20	<5
147	128487	55	<5
148	128488	50	<5
149	128489	25	<5
150	128490	50	<5
151	128490A	<5	<5
152	128491	20	<5
153	128492	110	<5
154	128493	120	<5
155	128494	90	<5
156	128495	25	<5
157	128496	55	<5
158	128497	35	<5
159	128498	35	<5
160	128499	140	<5
161	128500	75	<5
162	128501	110	<5
163	128501A	240	<5
164	128502	75	<5
165	128503	95	<5
166	128504	50	<5
167	128505	15	<5
168	128506	15	<5
169	128507	10	<5
170	128508	10	<5
171	128509	10	<5
172	128510	15	<5

CME Managing Consultants Inc. AK5-1712 12-Jan-06

ET #.	Tag #	Au (ppb)	Pd (ppb)
173	128511	5	<5
174	128512	15	5
175	128513	20	<5
176	128514	20	<5
177	128515	30	<5
178	128516	35	<5
179	128517	25	<5
180	128518	10	<5
181	128519	10	<5
182	128520	40	<5
183	128521	10	<5
184	128522	10	<5
185	128523	5	<5
186	128524	15	<5
187	128525	15	<5
188	128526	10	<5
189	128527	15	<5
190	128528	5	<5
191	128529	5	<5
192	128530	5	<5
193	128531	5	<5
194	128532	5	<5
195	128533	5	<5
196	128534	5	<5
197	128535	5	<5
198	128536	<5	<5
199	128537	10	<5
200	128538	5	<5
201	128539	5	<5
202	128540	5	<5
203	128540B	<5	<5
204	128541	<5	<5
205	128541A	>1000	<5
206	128542	<5	<5

QC DATA:

Resplit:

1	128346	<5	<5
36	128380	<5	<5
71	128413	<5	<5
106	128447	<5	<5
141	128481	10	<5
176	128514	15	<5

CME Managing Consultants Inc. AK5-1712 12-Jan-06

ET #.	Tag #	Au (ppb)	Pd (ppb)
Repeat:			
1	128346	<5	<5
10	128354	40	<5
19	128363	<5	<5
36	128380	5	<5
45	128389	5	<5
54	128397	<5	<5
71	128413	<5	<5
80	128422	20	<5
89	128431	15	<5
106	128447	<5	<5
115	128455	<5	<5
124	128464	15	<5
141	128481	10	<5
150	128490	45	<5
159	128498	30	<5
176	128514	20	<5
185	128523	5	<5
194	128532	<5	<5
Standard:			
PG114		435	385
PG114		445	385
PG114		450	380
PG114		440	380
PG114		440	370
PG114		430	365

ECO TECH LABORATORY LTD.
Jutta Jealouse
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JJ/kk
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ECO TECH LABORATORY LTD.
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KAMLOOPS, B.C.
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ICP CERTIFICATE OF ANALYSIS AK 2006-17

CME Managing Consultants Inc.
#2130-21331 Gordon Way
Richmond, BC
V6W 1J9

No. of samples received: 230
Sample type: Core
Project Name: Harper Creek Comp.
Project Number: P60
Submitted By: Larry Crittenden

Values in ppm unless otherwise reported

Et #.	Tag #	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
1	128543	<0.2	3.29	20	85	<5	4.47	<1	45	52	459	7.70	<10	3.25	674	<1	0.03	29	4610	46	<5	<20	80	0.27	<10	143	<10	8	50
2	128544	<0.2	3.05	30	95	<5	4.27	<1	47	74	730	6.73	<10	3.06	614	<1	0.05	48	4270	38	<5	<20	77	0.23	<10	123	<10	17	39
3	128545	<0.2	2.02	10	60	<5	3.03	<1	30	224	167	4.40	<10	2.14	402	<1	0.03	97	1560	34	<5	<20	34	0.28	<10	85	<10	6	32
4	128546	<0.2	1.80	15	40	<5	3.02	<1	46	462	759	4.96	<10	1.88	360	<1	0.04	296	1960	30	<5	<20	45	0.34	<10	86	<10	9	23
5	128547	<0.2	1.51	5	55	<5	2.38	<1	29	244	358	3.45	<10	1.48	298	<1	0.04	113	2070	26	<5	<20	35	0.30	<10	61	<10	7	18
6	128548	<0.2	1.59	<5	30	<5	3.01	<1	39	298	338	4.41	<10	1.51	347	<1	0.04	155	2180	28	<5	<20	44	0.32	<10	67	<10	7	19
7	128549	<0.2	1.65	5	30	<5	3.34	<1	32	282	595	4.10	<10	1.54	365	<1	0.05	119	2330	28	<5	<20	49	0.31	<10	75	<10	8	21
8	128550	<0.2	2.32	5	35	<5	3.90	<1	38	305	271	5.84	<10	2.30	492	<1	0.04	115	2340	38	<5	<20	56	0.31	<10	106	<10	7	30
9	128551	<0.2	3.28	25	45	<5	7.11	<1	59	393	590	8.35	<10	3.64	729	<1	0.02	167	2370	42	<5	<20	161	0.27	<10	176	<10	5	44
10	128551A	0.5	0.84	10	60	<5	2.80	<1	21	403	3290	6.99	<10	0.96	745	13	0.06	311	1020	18	<5	<20	145	<0.01	<10	67	<10	1	123
11	128552	<0.2	2.55	5	35	<5	2.10	<1	46	288	266	6.48	<10	2.74	437	<1	0.04	101	1970	42	<5	<20	41	0.32	<10	110	<10	6	39
12	128553	<0.2	2.31	20	35	<5	1.61	<1	19	126	93	3.35	<10	3.04	327	<1	0.03	42	1040	48	5	<20	31	0.18	<10	99	<10	10	44
13	128554	<0.2	2.09	10	40	<5	1.75	<1	10	74	71	2.72	<10	2.85	307	5	0.03	18	520	52	10	<20	38	0.03	<10	51	<10	7	47
14	128555	<0.2	3.10	15	35	<5	1.13	<1	33	112	253	6.09	<10	3.48	407	<1	0.02	48	940	66	<5	<20	39	0.14	<10	71	<10	8	54
15	128556	<0.2	3.16	30	40	<5	1.18	<1	40	125	417	7.57	<10	3.27	454	<1	0.02	49	790	58	<5	<20	38	0.14	<10	61	<10	3	98
16	128557	<0.2	3.17	20	45	<5	1.15	<1	28	95	178	6.18	<10	3.43	511	1	0.02	48	780	74	<5	<20	21	0.12	<10	77	<10	6	80
17	128558	<0.2	2.66	15	60	<5	3.35	<1	32	98	303	7.51	<10	2.66	631	2	0.02	49	770	50	<5	<20	42	0.09	<10	71	<10	12	51
18	128559	<0.2	2.39	20	65	<5	1.95	<1	41	61	313	8.29	<10	2.44	536	3	0.02	22	570	52	<5	<20	24	0.07	<10	58	<10	<1	79
19	128560	<0.2	3.89	20	70	<5	3.13	<1	76	365	492	>10	<10	3.53	980	<1	0.01	105	2500	56	<5	<20	57	0.25	<10	176	<10	<1	50
20	128561	<0.2	4.19	45	65	<5	3.47	<1	94	342	221	>10	<10	3.64	1110	<1	<0.01	161	1960	64	<5	<20	75	0.25	<10	179	<10	<1	53
21	128562	<0.2	4.80	50	60	<5	4.26	<1	64	406	229	>10	<10	4.55	1196	<1	<0.01	174	2050	70	<5	<20	85	0.27	<10	199	<10	<1	65
22	128563	<0.2	4.28	45	70	<5	1.76	<1	80	243	415	>10	<10	3.36	1088	<1	0.01	97	3890	70	<5	<20	62	0.26	<10	182	<10	<1	66
23	128564	<0.2	3.61	20	50	<5	5.15	<1	50	211	146	>10	<10	3.10	1347	<1	0.02	65	4920	64	<5	<20	134	0.28	<10	171	<10	<1	81
24	128565	<0.2	3.58	20	50	5	2.37	<1	59	224	167	>10	<10	3.41	1018	<1	0.03	72	4780	76	<5	<20	74	0.27	<10	183	<10	<1	105
25	128566	0.2	4.07	25	45	10	5.08	<1	56	338	39	9.22	<10	4.80	1229	<1	0.01	127	2860	106	<5	<20	136	0.34	<10	168	<10	4	118
26	128567	0.2	2.57	440	55	5	3.20	<1	32	127	103	7.70	<10	2.49	730	6	0.02	46	2960	78	<5	<20	101	<0.01	<10	95	<10	2	113
27	128568	<0.2	1.39	445	50	<5	3.64	<1	16	73	38	3.90	<10	1.19	437	4	0.02	7	350	34	<5	<20	84	<0.01	<10	29	<10	<1	66
28	128569	0.3	1.81	100	45	<5	3.53	<1	20	56	230	5.12	<10	1.52	456	3	0.03	6	380	52	<5	<20	82	<0.01	<10	40	<10	<1	82
29	128570	<0.2	1.90	235	45	<5	3.03	<1	17	59	112	4.54	<10	1.61	422	4	0.03	6	330	44	<5	<20	75	<0.01	<10	39	<10	<1	65
30	128571	0.6	2.92	85	55	<5	3.70	<1	39	246	613	7.72	<10	3.61	837	7	0.02	87	1480	74	<5	<20	89	<0.01	<10	108	<10	<1	122

ECO TECH LABORATORY LTD. **ICP CERTIFICATE OF ANALYSIS AK 2006-17** **CME Managing Consultants Inc.**

Et #.	Tag #	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
31	128572	1.6	2.80	300	75	<5	3.21	5	49	101	1430	>10	<10	3.17	959	11	0.02	43	6630	128	<5	<20	139	<0.01	<10	73	<10	6	893
32	128573	0.8	3.01	30	70	<5	3.73	<1	42	30	1094	>10	40	2.76	1031	12	0.02	12	9330	74	<5	<20	157	<0.01	<10	71	<10	19	231
33	128574	0.8	3.14	70	80	<5	3.54	<1	41	54	917	>10	<10	2.94	1047	11	0.02	13	9350	76	<5	<20	165	<0.01	<10	63	<10	18	240
34	128575	0.5	3.90	30	90	<5	3.80	<1	54	46	813	>10	<10	3.10	924	11	0.02	22	4370	70	<5	<20	219	0.01	<10	151	<10	6	150
35	128576	0.4	4.38	25	50	<5	6.20	<1	53	46	707	>10	<10	3.62	1058	11	0.01	21	2520	96	<5	<20	363	0.03	<10	244	<10	5	166
36	128577	0.2	4.28	30	55	<5	5.61	<1	52	29	663	>10	30	3.55	1059	9	<0.01	18	2150	44	<5	<20	259	0.02	<10	226	<10	<1	141
37	128578	0.3	2.18	40	70	<5	3.89	<1	31	40	912	6.40	20	1.77	589	7	0.02	7	3770	36	<5	<20	140	<0.01	<10	36	<10	13	85
38	128579	<0.2	2.70	<5	65	<5	4.23	<1	31	42	1176	9.84	60	1.84	479	10	0.02	8	7810	32	<5	<20	198	<0.01	<10	41	<10	25	65
39	128580	<0.2	2.82	30	70	<5	4.86	<1	32	26	1587	>10	40	2.29	516	9	0.01	7	8190	32	<5	<20	170	<0.01	<10	44	<10	23	76
40	128581	0.6	2.50	40	65	<5	3.59	<1	34	47	2344	9.68	<10	2.53	595	11	0.01	11	4040	26	<5	<20	104	<0.01	<10	48	<10	5	116
41	128582	1.6	1.49	35	50	<5	2.53	<1	32	58	4976	6.67	<10	1.84	520	17	0.02	24	1300	14	<5	<20	89	<0.01	<10	32	<10	<1	135
42	128583	1.1	1.06	80	45	<5	0.78	<1	21	100	2961	3.82	<10	1.29	304	39	0.01	49	280	22	<5	<20	36	<0.01	<10	19	<10	<1	110
43	128584	0.3	0.57	40	30	<5	0.28	<1	7	91	567	1.80	<10	0.59	142	15	0.01	16	400	98	<5	<20	12	<0.01	<10	9	<10	<1	176
44	128585	0.5	1.42	55	30	<5	1.36	<1	20	139	1691	4.34	<10	1.64	482	15	0.01	42	970	28	<5	<20	42	<0.01	<10	28	<10	<1	92
45	128586	0.6	1.38	30	40	<5	1.68	<1	17	56	2610	3.69	<10	1.59	403	26	0.02	9	270	20	<5	<20	38	<0.01	<10	23	<10	<1	68
46	128587	1.1	1.84	40	35	<5	2.10	<1	36	93	5473	6.77	<10	1.94	476	25	0.02	32	1080	20	<5	<20	37	<0.01	<10	41	<10	<1	99
47	128588	0.4	1.01	20	30	<5	1.40	<1	15	103	1561	3.74	<10	1.42	419	7	0.03	16	480	18	<5	<20	22	<0.01	<10	22	<10	<1	80
48	128589	1.5	0.71	35	35	<5	0.62	<1	17	124	3973	3.74	<10	1.38	238	12	0.02	23	360	32	<5	<20	13	<0.01	<10	23	<10	<1	110
49	128590	0.4	0.66	35	40	<5	1.30	<1	11	80	1160	2.52	<10	1.21	375	5	0.03	13	200	24	<5	<20	42	<0.01	<10	11	<10	<1	88
50	128590A	<0.2	0.48	5	30	<5	0.54	<1	5	59	8	1.64	40	0.20	378	<1	0.05	3	390	24	<5	<20	11	0.13	<10	14	<10	30	38
51	128591	3.0	0.69	20	35	<5	1.13	<1	14	97	5686	3.14	<10	1.11	324	3	0.03	10	<10	52	<5	<20	26	<0.01	<10	12	<10	<1	137
52	128592	1.0	0.31	15	35	<5	1.23	<1	9	119	2101	2.19	<10	0.82	422	6	0.03	7	100	18	<5	<20	38	<0.01	<10	7	<10	<1	59
53	128593	1.4	0.23	20	35	<5	0.91	<1	4	109	3379	1.69	<10	0.62	245	6	0.02	6	<10	16	<5	<20	33	<0.01	<10	5	<10	<1	183
54	128594	0.4	0.18	30	30	<5	0.73	<1	8	142	1049	1.67	<10	0.57	247	7	0.01	7	40	6	<5	<20	20	<0.01	<10	6	<10	<1	48
55	128595	1.5	1.27	30	40	<5	0.42	<1	18	93	4948	4.50	<10	1.39	215	6	0.02	16	190	18	<5	<20	14	<0.01	<10	21	<10	<1	221
56	128596	1.6	1.40	50	45	<5	0.31	2	24	114	5154	4.61	<10	1.58	361	5	0.02	6	<10	150	<5	<20	14	<0.01	<10	23	<10	<1	836
57	128597	1.5	1.14	60	70	<5	2.15	<1	34	79	8057	8.00	<10	2.03	450	8	0.03	42	2020	14	<5	<20	59	0.01	<10	53	<10	<1	307
58	128598	2.5	0.56	50	40	<5	0.62	5	22	133	6409	5.80	<10	1.48	293	9	0.03	20	<10	112	<5	<20	17	<0.01	<10	21	<10	<1	1081
59	128599	1.0	1.10	35	40	<5	0.44	2	20	104	2970	5.25	<10	1.66	359	9	0.03	14	180	108	<5	<20	13	<0.01	<10	21	<10	<1	668
60	128600	1.3	1.68	25	45	<5	1.71	<1	22	79	5959	6.09	<10	2.63	363	13	0.03	35	2180	112	<5	<20	36	<0.01	<10	35	<10	1	355
61	128601	0.9	0.55	50	45	<5	1.43	2	18	78	3093	3.38	<10	1.53	209	10	0.05	12	240	272	<5	<20	41	<0.01	<10	10	<10	<1	614
62	128601A	0.3	0.83	20	50	<5	2.64	<1	20	394	3139	7.03	<10	0.97	735	13	0.05	309	1090	14	<5	<20	126	<0.01	<10	65	<10	2	142
63	128602	0.4	0.45	40	35	<5	2.02	<1	13	58	2249	3.28	<10	1.57	252	17	0.06	14	710	90	<5	<20	45	<0.01	<10	10	<10	<1	310
64	128603	0.3	0.55	20	25	<5	2.13	<1	8	94	2322	2.15	<10	1.17	150	10	0.07	15	180	42	<5	<20	39	<0.01	<10	11	<10	<1	115
65	128604	<0.2	3.79	60	55	<5	1.96	3	39	171	312	>10	<10	3.83	1195	9	0.02	90	3440	48	<5	<20	48	<0.01	<10	115	<10	<1	921
66	128605	<0.2	2.77	35	40	5	3.91	3	35	165	99	8.38	<10	3.43	1191	7	0.02	81	3590	32	<5	<20	81	<0.01	<10	100	<10	<1	761
67	128606	<0.2	3.36	80	50	<5	5.20	3	51	193	100	>10	<10	4.80	1825	8	0.01	117	5180	42	<5	<20	124	<0.01	<10	156	<10	<1	920
68	128607	<0.2	3.90	60	40	<5	3.17	3	42	178	535	>10	<10	4.95	1496	7	0.02	102	4200	48	<5	<20	75	<0.01	<10	122	<10	<1	783
69	128608	<0.2	2.56	30	60	<5	3.65	1	50	153	128	9.36	<10	3.72	1478	6	0.01	96	3070	32	<5	<20	92	<0.01	<10	92	<10	<1	301
70	128609	<0.2	1.92	135	65	<5	1.99	<1	37	170	108	6.96	<10	2.99	1228	3	0.02	127	1090	40	<5	<20	43	0.03	<10	52	<10	<1	310

Et #.	Tag #	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
71	128610	<0.2	4.31	15	60	<5	2.13	<1	35	179	174	9.90	<10	5.44	1468	6	0.02	103	1920	36	<5	<20	61	0.02	<10	127	<10	<1	188
72	128611	<0.2	4.57	15	55	<5	1.02	<1	42	199	335	>10	<10	5.22	1208	8	0.02	113	560	36	<5	<20	54	<0.01	<10	109	<10	<1	166
73	128612	0.4	3.70	5	75	<5	0.87	<1	61	116	1207	>10	<10	4.56	1135	12	0.02	87	600	26	<5	<20	25	<0.01	<10	94	<10	<1	172
74	128613	7.6	1.85	15	80	<5	0.97	3	65	59	>10000	>10	<10	3.08	806	10	0.04	56	<10	<2	<5	<20	28	0.01	<10	46	<10	<1	376
75	128614	13.1	0.55	25	65	<5	0.17	7	62	77	>10000	>10	<10	0.99	500	10	0.03	44	<10	288	<5	<20	9	0.01	<10	8	<10	<1	1093
76	128615	4.3	1.17	25	65	<5	0.95	2	63	46	9580	8.43	<10	1.73	487	7	0.02	12	<10	36	<5	<20	20	0.01	<10	21	<10	<1	291
77	128616	4.0	0.92	30	65	<5	0.43	1	46	68	9172	6.25	<10	1.25	415	5	0.02	30	<10	20	<5	<20	9	0.02	<10	13	<10	<1	249
78	128617	2.2	0.89	20	70	<5	0.42	<1	36	88	4483	6.01	<10	1.23	669	3	0.02	36	<10	10	<5	<20	12	0.01	<10	11	<10	<1	203
79	128618	2.7	0.65	25	60	<5	0.16	<1	34	78	5181	4.88	<10	0.77	368	4	0.02	22	<10	6	<5	<20	6	0.01	<10	8	<10	<1	165
80	128619	0.4	0.77	25	75	<5	0.17	<1	20	56	784	5.40	<10	0.96	492	4	0.02	23	320	14	<5	<20	7	0.01	<10	9	<10	<1	51
81	128620	0.7	0.97	35	80	<5	0.17	<1	20	49	1386	4.87	<10	0.96	416	4	0.02	21	120	30	<5	<20	5	0.01	<10	11	<10	<1	87
82	128621	0.8	0.57	40	65	<5	0.21	<1	19	46	1288	5.53	<10	0.93	453	4	0.02	26	150	12	<5	<20	8	<0.01	<10	8	<10	<1	79
83	128622	3.0	0.24	260	50	<5	0.20	<1	21	61	3481	3.28	<10	0.24	169	3	0.02	13	<10	30	<5	<20	7	<0.01	<10	4	<10	<1	113
84	128623	3.4	0.13	195	40	<5	0.11	<1	25	111	4168	3.54	<10	0.06	63	2	0.01	14	<10	46	<5	<20	3	<0.01	<10	2	<10	<1	107
85	128624	2.6	0.14	230	35	<5	0.31	<1	14	146	4082	2.51	<10	0.24	220	3	<0.01	11	<10	4	<5	<20	6	<0.01	<10	2	<10	<1	118
86	128625	2.0	0.16	130	40	<5	0.16	<1	18	97	2575	3.02	<10	0.22	154	2	0.01	15	<10	20	<5	<20	4	<0.01	<10	2	<10	<1	73
87	128626	0.6	0.14	60	35	<5	0.22	<1	9	119	633	2.38	<10	0.23	156	3	0.01	13	40	10	<5	<20	5	<0.01	<10	2	<10	<1	22
88	128627	4.7	0.10	125	35	<5	0.38	<1	26	110	5455	4.30	<10	0.14	68	3	0.01	10	<10	30	<5	<20	7	<0.01	<10	1	<10	<1	137
89	128628	2.2	0.10	180	40	<5	0.32	<1	18	147	2194	3.07	<10	0.14	77	4	0.01	13	<10	34	<5	<20	7	<0.01	<10	1	<10	<1	88
90	128629	1.9	0.11	235	40	<5	0.22	<1	12	107	1691	2.31	<10	0.13	81	<1	<0.01	8	<10	62	<5	<20	6	<0.01	<10	2	<10	<1	195
91	128630	2.5	0.31	50	40	<5	0.13	<1	10	144	3507	2.42	<10	0.40	220	3	0.01	11	<10	6	<5	<20	4	<0.01	<10	4	<10	<1	96
92	128631	2.2	0.33	390	45	<5	0.32	<1	17	83	2760	3.44	<10	0.51	329	3	0.01	13	<10	54	<5	<20	8	<0.01	<10	4	<10	<1	177
93	128632	1.4	0.26	25	40	<5	0.21	<1	16	110	2253	3.35	<10	0.49	299	4	0.01	16	<10	12	<5	<20	6	<0.01	<10	4	<10	<1	107
94	128633	0.8	0.26	95	50	<5	0.33	<1	26	93	1124	6.81	<10	0.71	496	5	0.01	12	160	16	<5	<20	9	<0.01	<10	5	<10	<1	92
95	128634	0.8	0.16	145	60	<5	0.41	<1	23	93	996	>10	<10	0.47	316	12	0.01	10	<10	36	<5	<20	8	<0.01	10	3	<10	<1	76
96	128635	0.3	0.49	55	45	<5	0.64	2	13	113	237	4.46	<10	1.02	588	4	0.02	23	120	48	<5	<20	13	<0.01	<10	5	<10	<1	460
97	128636	0.3	0.91	10	50	<5	0.45	<1	10	75	288	3.64	<10	1.24	611	2	0.02	14	240	16	<5	<20	12	<0.01	<10	8	<10	<1	94
98	128637	0.2	0.66	<5	25	<5	1.96	<1	10	84	908	2.46	<10	1.55	257	21	0.05	20	200	12	<5	<20	40	<0.01	<10	11	<10	<1	44
99	128638	0.3	0.93	10	25	<5	0.85	2	10	66	1018	2.42	<10	1.46	273	12	0.05	15	100	36	<5	<20	20	<0.01	<10	11	<10	<1	453
100	128639	1.2	1.92	5	45	<5	3.52	1	25	108	5016	6.53	<10	3.91	853	11	0.04	49	640	66	<5	<20	68	<0.01	<10	48	<10	<1	190
101	128640	0.9	1.52	10	35	<5	2.46	<1	18	109	3701	4.11	<10	2.77	749	13	0.03	38	330	36	<5	<20	49	<0.01	<10	30	<10	<1	100
102	128640B	<0.2	0.03	<5	<5	<5	>10	<1	2	5	9	0.05	<10	2.53	28	<1	0.01	<1	60	<2	20	<20	5106	<0.01	<10	3	<10	<1	2
103	128641	1.3	1.40	5	35	<5	1.63	<1	12	86	3786	3.01	<10	2.03	511	13	0.03	14	<10	120	<5	<20	38	<0.01	<10	21	<10	<1	94
104	128642	1.3	1.30	5	30	<5	1.77	<1	14	49	4314	3.12	<10	2.32	617	12	0.04	12	<10	158	<5	<20	39	<0.01	<10	20	<10	<1	103
105	128643	1.5	1.48	10	35	<5	1.97	2	15	61	5016	3.72	<10	2.68	660	14	0.04	14	60	142	5	<20	32	<0.01	<10	25	<10	<1	367
106	128644	1.2	1.81	10	50	<5	2.52	1	18	66	4074	4.38	<10	2.88	662	9	0.03	24	860	106	<5	<20	70	<0.01	<10	36	<10	<1	262
107	128645	1.8	2.50	10	45	<5	2.47	3	25	52	5294	6.66	<10	3.68	992	14	0.04	19	1600	178	<5	<20	66	<0.01	<10	66	<10	<1	451
108	128646	2.8	2.95	15	55	<5	2.03	1	34	51	8834	7.32	<10	3.96	954	32	0.03	26	1630	214	<5	<20	45	0.01	<10	69	<10	<1	313
109	128647	1.1	2.01	10	40	<5	1.21	5	13	86	3021	3.81	<10	2.08	506	14	0.03	21	350	188	<5	<20	24	<0.01	<10	29	<10	<1	892
110	128648	0.9	1.49	10	30	<5	2.83	<1	12	79	1667	2.92	<10	1.81	556	9	0.04	19	270	34	5	<20	56	<0.01	<10	28	<10	<1	75

ECO TECH LABORATORY LTD. **ICP CERTIFICATE OF ANALYSIS AK 2006-17** **CME Managing Consultants Inc.**

Et #.	Tag #	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
111	128649	<0.2	0.87	5	30	<5	2.53	<1	6	86	470	1.86	<10	1.41	523	7	0.03	14	240	18	5	<20	49	<0.01	<10	11	<10	1	33
112	128650	0.6	1.12	5	25	<5	1.89	<1	12	87	1098	2.88	<10	1.73	505	8	0.03	22	480	16	<5	<20	35	<0.01	<10	21	<10	1	65
113	128651	0.7	0.62	<5	30	<5	2.80	<1	11	60	2114	2.87	<10	2.02	494	14	0.04	8	70	8	5	<20	64	<0.01	<10	12	<10	<1	52
114	128651A	>30	0.44	1770	100	<5	0.74	100	90	1082	9255	>10	<10	0.68	1101	22	<0.01	834	<10	5118	65	<20	13	<0.01	<10	17	<10	<1	>10000
115	128652	1.3	0.25	<5	35	<5	2.65	<1	8	62	3442	2.32	<10	1.42	418	6	0.03	6	20	6	<5	<20	53	<0.01	<10	7	<10	<1	40
116	128653	0.4	0.20	<5	35	<5	2.42	<1	9	62	1915	2.14	<10	1.30	345	9	0.05	5	70	<2	<5	<20	39	<0.01	<10	6	<10	<1	29
117	128654	0.9	0.33	<5	35	<5	1.98	<1	9	110	2680	2.40	<10	1.33	341	26	0.05	6	50	4	<5	<20	35	<0.01	<10	12	<10	<1	40
118	128655	0.2	0.37	<5	45	<5	2.25	<1	10	89	1075	2.60	<10	1.28	376	4	0.05	4	110	4	<5	<20	35	<0.01	<10	6	<10	<1	32
119	128656	0.2	0.34	<5	45	<5	2.09	<1	9	72	992	2.53	<10	1.20	345	5	0.04	5	120	4	<5	<20	33	<0.01	<10	5	<10	<1	31
120	128657	1.1	0.86	<5	35	<5	2.06	<1	10	89	3392	2.76	<10	1.74	429	41	0.04	11	130	8	<5	<20	56	<0.01	<10	13	<10	<1	62
121	128658	0.6	0.71	<5	45	<5	1.90	<1	10	79	1747	3.27	<10	1.47	388	39	0.04	6	280	10	<5	<20	43	<0.01	<10	13	<10	<1	41
122	128659	0.3	0.23	<5	40	<5	1.82	<1	9	50	576	2.87	<10	1.01	325	4	0.04	3	170	4	<5	<20	31	<0.01	<10	3	<10	<1	17
123	128660	0.4	0.35	<5	45	<5	1.91	<1	10	76	1174	2.62	<10	1.30	419	10	0.04	6	150	4	<5	<20	37	<0.01	<10	6	<10	<1	31
124	128661	1.2	1.40	<5	45	<5	1.34	<1	15	83	3758	3.84	<10	2.15	475	16	0.03	23	230	14	<5	<20	32	<0.01	<10	28	<10	<1	81
125	128662	1.0	1.01	<5	35	<5	0.99	<1	9	84	3019	2.64	<10	1.70	356	15	0.03	15	180	12	<5	<20	35	<0.01	<10	17	<10	<1	73
126	128663	0.6	0.58	<5	30	<5	1.32	<1	9	98	1538	2.25	<10	1.41	291	21	0.05	15	170	8	<5	<20	37	<0.01	<10	8	<10	<1	60
127	128664	1.2	0.88	<5	30	<5	1.26	<1	14	99	3102	3.03	<10	2.15	576	16	0.03	18	40	8	5	<20	26	<0.01	<10	15	<10	<1	97
128	128665	0.4	0.36	<5	25	<5	1.41	<1	5	105	978	1.66	<10	1.35	372	17	0.05	16	320	6	5	<20	27	<0.01	<10	5	<10	<1	66
129	128666	1.1	0.49	<5	30	<5	1.61	<1	8	107	2649	2.07	<10	1.48	407	18	0.05	18	70	6	<5	<20	26	<0.01	<10	6	<10	<1	89
130	128667	0.8	0.37	<5	20	<5	1.79	<1	8	111	2258	2.04	<10	1.35	437	18	0.04	16	50	4	<5	<20	29	<0.01	<10	5	<10	<1	63
131	128668	0.8	0.60	5	30	<5	1.90	<1	10	87	2211	2.49	<10	1.89	512	21	0.05	20	110	8	<5	<20	32	<0.01	<10	6	<10	<1	117
132	128669	3.2	1.02	60	35	<5	1.16	<1	20	85	8579	4.62	<10	2.03	543	28	0.03	27	<10	8	<5	<20	24	<0.01	<10	15	<10	<1	139
133	128670	1.1	1.05	15	35	<5	0.74	<1	12	83	2570	2.74	<10	1.79	588	31	0.04	20	40	18	<5	<20	18	<0.01	<10	14	<10	<1	102
134	128671	0.6	0.84	15	55	<5	1.17	<1	23	93	1265	2.84	<10	1.40	298	23	0.04	17	460	14	<5	<20	28	<0.01	<10	13	<10	<1	90
135	128672	1.4	1.45	15	40	<5	2.02	<1	18	90	4125	3.68	<10	2.45	630	24	0.04	25	450	12	<5	<20	39	<0.01	<10	21	<10	<1	113
136	128673	1.6	0.82	<5	25	<5	1.55	<1	10	90	4669	2.51	<10	1.43	373	41	0.03	19	120	4	<5	<20	27	<0.01	<10	11	<10	<1	66
137	128674	1.8	0.73	<5	30	<5	1.63	<1	11	98	5490	2.45	<10	1.46	370	55	0.04	14	<10	2	<5	<20	32	<0.01	<10	10	<10	<1	53
138	128675	1.5	0.63	10	35	<5	1.60	<1	12	100	4690	2.94	<10	1.30	393	14	0.03	18	<10	6	<5	<20	30	<0.01	<10	7	<10	<1	43
139	128676	0.9	1.04	20	35	<5	1.13	<1	13	90	2728	3.27	<10	1.53	391	14	0.02	8	30	12	<5	<20	25	<0.01	<10	14	<10	<1	68
140	128677	2.2	1.26	20	45	<5	0.72	<1	22	95	5364	4.56	<10	1.62	362	10	0.02	10	<10	8	<5	<20	19	<0.01	<10	20	<10	<1	109
141	128678	1.5	0.88	10	40	<5	1.13	<1	17	55	3931	3.95	<10	1.41	357	7	0.02	10	<10	10	<5	<20	33	<0.01	<10	16	<10	<1	83
142	128679	1.4	0.43	20	35	<5	1.03	<1	20	77	4098	4.41	<10	0.90	267	13	0.03	14	<10	4	<5	<20	23	<0.01	<10	8	<10	<1	42
143	128680	0.5	0.71	45	45	<5	0.74	<1	24	83	1578	3.64	<10	1.19	313	10	0.04	18	170	14	<5	<20	18	<0.01	<10	8	<10	<1	60
144	128681	0.7	1.71	35	45	<5	0.78	<1	22	81	3074	4.99	<10	1.82	342	10	0.03	18	<10	24	<5	<20	16	<0.01	<10	19	<10	<1	145
145	128682	0.8	1.62	10	85	<5	0.93	<1	12	71	3207	3.75	<10	1.66	393	7	0.02	10	<10	20	<5	<20	20	<0.01	<10	18	<10	<1	110
146	128683	0.5	0.91	10	55	<5	2.01	<1	12	98	2262	3.17	<10	1.62	582	7	0.02	8	20	14	<5	<20	49	<0.01	<10	11	<10	<1	73
147	128684	0.7	0.56	20	35	<5	1.59	<1	8	82	2466	2.64	<10	1.12	428	10	0.02	12	110	10	<5	<20	35	<0.01	<10	7	<10	<1	46
148	128685	0.7	0.72	10	45	<5	0.55	<1	8	110	2120	1.98	<10	0.84	152	5	0.02	14	20	12	<5	<20	14	<0.01	<10	7	<10	<1	57
149	128686	0.5	0.86	25	45	<5	0.48	<1	9	61	1562	1.98	<10	0.80	161	5	0.02	12	190	14	<5	<20	11	<0.01	<10	8	<10	<1	51
150	128687	0.8	1.32	25	40	<5	0.23	<1	13	88	2752	3.59	<10	1.15	188	5	0.02	19	390	18	<5	<20	7	<0.01	<10	11	<10	<1	100

Et #.	Tag #	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
151	128688	1.9	0.61	15	30	<5	0.13	<1	18	100	6060	2.96	<10	0.63	156	5	0.01	13	<10	4	<5	<20	5	<0.01	<10	4	<10	<1	64
152	128689	3.5	1.22	10	40	<5	0.26	<1	30	136	>10000	6.89	<10	1.49	494	11	0.02	23	<10	2	<5	<20	13	<0.01	<10	12	<10	<1	117
153	128690	1.8	0.93	30	20	<5	0.48	<1	20	101	5503	3.83	<10	1.26	280	8	0.01	13	<10	10	<5	<20	10	<0.01	<10	6	<10	<1	111
154	128691	0.5	0.52	10	30	<5	0.71	<1	9	152	1638	2.61	<10	1.04	303	6	0.02	12	<10	12	<5	<20	22	<0.01	<10	4	<10	<1	87
155	128691B	<0.2	0.02	15	<5	<5	>10	<1	<1	4	19	0.05	<10	2.38	29	<1	0.01	<1	50	<2	20	<20	6023	<0.01	<10	3	<10	<1	1
156	128692	<0.2	0.55	10	35	<5	1.45	<1	12	94	850	3.50	<10	1.39	387	4	0.02	20	140	16	<5	<20	56	<0.01	<10	6	<10	<1	110
157	128693	1.1	0.72	35	45	<5	0.87	<1	15	115	2395	4.38	<10	1.36	429	10	0.02	16	<10	20	<5	<20	24	<0.01	<10	10	<10	<1	153
158	128694	1.0	0.86	35	60	<5	0.27	<1	15	85	2312	3.65	<10	1.19	349	9	0.02	15	30	16	<5	<20	13	<0.01	<10	12	<10	<1	131
159	128695	1.1	0.76	30	55	<5	0.63	4	10	119	1684	3.41	<10	1.08	349	8	0.03	15	<10	80	<5	<20	18	<0.01	<10	10	<10	<1	541
160	128696	2.0	0.32	35	40	<5	1.26	9	11	82	3184	3.81	<10	0.92	285	8	0.03	12	<10	36	<5	<20	26	<0.01	<10	4	<10	<1	947
161	128697	1.7	0.81	25	50	<5	0.71	<1	11	103	2924	3.39	<10	1.25	355	7	0.02	19	<10	20	<5	<20	15	<0.01	<10	9	<10	<1	152
162	128698	1.5	0.77	25	50	<5	0.91	<1	16	60	2964	3.49	<10	1.38	389	6	0.03	11	<10	18	<5	<20	20	<0.01	<10	10	<10	<1	153
163	128699	1.0	0.82	20	60	<5	0.93	<1	12	130	2202	4.61	<10	1.57	570	7	0.03	21	1820	8	<5	<20	30	<0.01	<10	11	<10	2	119
164	128700	1.0	0.42	35	50	<5	0.74	<1	15	96	2407	3.22	<10	0.84	274	7	0.02	12	<10	6	<5	<20	16	<0.01	<10	6	<10	<1	69
165	128701	1.2	0.50	15	80	<5	0.37	<1	15	100	3142	3.35	<10	0.90	278	9	0.02	16	<10	6	<5	<20	15	<0.01	<10	7	<10	<1	82
166	128701A	>30	0.46	1780	120	<5	0.87	117	89	1115	9206	>10	<10	0.75	1132	21	<0.01	845	<10	552	60	<20	15	<0.01	<10	18	<10	<1	>10000
167	128702	1.4	0.44	10	65	<5	0.62	<1	15	90	3070	4.08	<10	1.05	388	8	0.03	26	<10	8	<5	<20	36	<0.01	<10	8	<10	<1	109
168	128703	0.8	0.88	10	50	<5	1.51	1	14	59	1599	4.11	<10	1.72	695	6	0.03	11	260	18	<5	<20	64	<0.01	<10	16	<10	<1	129
169	128704	1.1	1.01	5	75	<5	1.88	<1	10	75	3213	3.19	<10	1.96	572	18	0.03	13	120	14	10	<20	61	<0.01	<10	16	<10	<1	126
170	128705	0.4	0.83	10	125	<5	1.31	<1	5	74	1636	1.41	<10	1.22	256	21	0.04	13	310	12	<5	<20	37	<0.01	<10	7	<10	2	75
171	128706	0.3	0.90	<5	25	<5	1.44	<1	7	82	1185	2.08	<10	1.49	484	20	0.03	9	150	14	<5	<20	37	<0.01	<10	10	<10	<1	81
172	128707	1.2	1.55	<5	50	<5	2.08	<1	15	59	4533	4.79	<10	2.60	631	16	0.05	13	1220	16	<5	<20	47	<0.01	<10	34	<10	2	151
173	128708	1.3	1.71	<5	55	<5	2.67	1	22	84	6354	5.51	<10	2.85	472	38	0.05	22	1210	14	<5	<20	60	<0.01	<10	44	<10	5	161
174	128709	1.2	2.37	<5	40	<5	4.13	<1	29	108	5355	6.43	<10	4.02	681	40	0.03	45	720	18	<5	<20	100	<0.01	<10	67	<10	<1	196
175	128710	0.8	2.51	10	40	<5	3.90	<1	27	163	4426	6.17	<10	3.78	561	10	0.04	58	880	32	<5	<20	90	<0.01	<10	50	<10	<1	160
176	128711	1.1	2.18	5	35	<5	3.00	<1	22	135	5403	5.55	<10	3.09	451	35	0.04	43	1460	92	<5	<20	64	<0.01	<10	46	<10	1	235
177	128712	1.1	1.33	<5	35	<5	1.71	<1	10	88	4715	2.68	<10	1.93	341	24	0.04	11	<10	70	<5	<20	39	<0.01	<10	18	<10	<1	146
178	128713	1.6	1.61	<5	40	<5	2.21	<1	19	94	5865	5.07	<10	3.15	576	19	0.04	38	1220	54	<5	<20	46	<0.01	<10	28	<10	2	169
179	128714	1.8	1.77	20	40	<5	1.99	<1	19	88	5650	4.65	<10	2.88	401	23	0.03	40	1330	84	<5	<20	37	<0.01	<10	29	<10	3	192
180	128715	1.5	0.94	125	60	<5	1.17	<1	17	68	3924	5.47	<10	1.60	354	26	0.03	22	220	28	<5	<20	24	<0.01	<10	19	<10	<1	182
181	128716	1.6	1.41	25	55	<5	0.81	<1	17	51	4689	3.78	<10	1.69	363	12	0.03	13	30	20	<5	<20	12	<0.01	<10	21	<10	<1	144
182	128717	2.0	1.28	60	40	<5	0.80	<1	25	78	5571	4.51	<10	1.60	402	15	0.03	10	<10	32	<5	<20	10	<0.01	<10	18	<10	<1	152
183	128718	1.1	1.06	20	50	<5	1.23	<1	23	104	3522	4.57	<10	1.79	480	11	0.02	28	320	10	<5	<20	19	<0.01	<10	21	<10	<1	121
184	128719	0.7	0.58	20	40	<5	0.45	<1	16	138	1655	2.98	<10	0.83	261	6	0.02	21	130	12	<5	<20	12	<0.01	<10	12	<10	<1	54
185	128720	1.4	0.71	35	55	<5	0.77	<1	21	116	3367	3.99	<10	1.24	311	11	0.02	20	130	6	<5	<20	12	<0.01	<10	14	<10	<1	98
186	128721	1.1	1.05	25	60	<5	0.71	<1	16	71	2432	3.69	<10	1.33	319	6	0.02	7	70	14	<5	<20	11	<0.01	<10	16	<10	<1	118
187	128722	3.4	0.88	55	45	<5	0.49	<1	22	91	5116	4.34	<10	1.33	373	16	0.02	21	<10	14	<5	<20	11	<0.01	<10	15	<10	<1	122
188	128723	2.4	0.77	50	55	<5	0.44	<1	34	67	4083	6.45	<10	1.34	329	15	0.02	11	<10	6	<5	<20	12	<0.01	<10	17	<10	<1	103
189	128724	2.0	1.27	15	105	<5	1.48	<1	19	73	3453	4.30	<10	2.12	507	9	0.02	8	<10	12	<5	<20	27	<0.01	<10	26	<10	<1	87
190	128725	1.5	1.85	25	50	<5	1.29	<1	21	64	4246	4.35	<10	2.18	443	7	0.02	11	50	22	<5	<20	21	<0.01	<10	32	<10	<1	113

ECO TECH LABORATORY LTD. ICP CERTIFICATE OF ANALYSIS AK 2006-17 CME Managing Consultants Inc.

Et #.	Tag #	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
191	128726	1.3	1.97	25	45	<5	1.23	<1	18	86	4252	4.10	<10	2.00	379	9	0.02	22	320	12	<5	<20	13	<0.01	<10	35	<10	<1	133
192	128727	1.0	0.97	45	35	<5	0.75	<1	11	76	2887	3.07	<10	1.06	265	13	0.02	14	20	12	<5	<20	12	<0.01	<10	13	<10	<1	65
193	128728	1.6	1.28	325	40	<5	0.84	<1	24	68	4223	3.88	<10	1.34	376	6	0.02	11	<10	14	<5	<20	12	<0.01	<10	20	<10	<1	105
194	128729	2.2	1.56	25	60	<5	1.10	<1	25	68	6501	5.41	<10	1.70	397	13	0.02	22	340	10	<5	<20	19	<0.01	<10	33	<10	<1	153
195	128730	1.7	2.19	40	50	<5	1.32	<1	30	81	3664	7.90	<10	2.03	639	8	0.02	26	620	20	<5	<20	20	<0.01	<10	37	<10	<1	165
196	128731	2.1	1.98	15	45	<5	0.91	<1	17	87	2546	5.09	<10	1.85	569	7	0.02	20	410	20	<5	<20	16	<0.01	<10	32	<10	<1	149
197	128732	2.5	1.54	5	60	<5	1.01	<1	25	69	2984	7.18	<10	2.02	752	8	0.03	26	850	22	<5	<20	29	<0.01	<10	41	<10	<1	179
198	128733	1.3	2.19	65	70	<5	1.54	<1	32	112	1085	>10	<10	3.00	1189	9	0.02	54	1450	318	<5	<20	46	<0.01	<10	67	<10	<1	189
199	128734	1.4	0.67	60	40	<5	0.86	<1	23	100	1190	5.81	<10	1.24	430	5	0.02	30	730	110	<5	<20	26	<0.01	<10	17	<10	<1	300
200	128735	1.9	0.46	445	50	<5	0.41	<1	29	107	1795	6.92	<10	0.89	298	6	0.02	28	140	30	<5	<20	17	<0.01	<10	10	<10	<1	189
201	128736	1.0	0.55	60	50	<5	0.40	1	26	105	887	8.93	<10	1.10	384	6	0.03	21	260	14	<5	<20	20	<0.01	<10	11	<10	<1	323
202	128737	0.4	0.84	15	55	<5	0.49	<1	25	82	396	9.66	<10	1.21	503	8	0.03	22	130	14	<5	<20	27	<0.01	<10	13	<10	<1	85
203	128738	<0.2	1.93	30	70	<5	1.79	<1	26	116	297	8.33	<10	2.53	1066	6	0.03	37	540	20	<5	<20	31	<0.01	<10	47	<10	<1	126
204	128739	0.5	3.03	50	70	<5	2.51	<1	39	142	167	>10	<10	3.66	1391	6	0.03	47	890	40	<5	<20	43	<0.01	<10	98	<10	<1	213
205	128740	1.9	0.69	45	45	<5	0.81	<1	31	118	435	6.57	<10	1.06	640	4	0.02	22	270	52	<5	<20	17	<0.01	<10	15	<10	<1	83
206	128740A	<0.2	0.40	<5	25	<5	0.38	<1	4	43	3	1.39	40	0.20	312	<1	0.04	1	260	14	<5	<20	10	0.09	<10	13	<10	25	24
207	128741	0.5	0.78	20	65	<5	0.19	<1	17	116	391	4.38	<10	0.86	575	3	0.02	25	130	10	<5	<20	9	<0.01	<10	10	<10	<1	135
208	128742	0.3	0.74	35	55	<5	1.44	<1	21	95	268	5.68	<10	1.18	827	4	0.02	31	290	8	<5	<20	46	<0.01	<10	10	<10	<1	140
209	128743	<0.2	1.23	15	65	<5	0.26	<1	18	84	89	4.80	<10	1.05	692	3	0.03	40	440	12	<5	<20	16	<0.01	<10	15	<10	<1	105
210	128744	<0.2	0.76	10	55	<5	0.62	<1	12	122	195	3.97	<10	0.83	635	2	0.02	23	230	10	<5	<20	18	<0.01	<10	9	<10	<1	100
211	128745	<0.2	0.71	15	65	<5	0.25	<1	12	103	35	3.44	<10	0.68	528	4	0.02	24	140	8	<5	<20	9	<0.01	<10	8	<10	<1	49
212	128746	<0.2	0.57	15	55	<5	0.52	<1	14	90	44	4.47	<10	0.88	720	5	0.02	29	180	6	<5	<20	17	<0.01	<10	7	<10	<1	77
213	128747	<0.2	0.74	25	65	<5	0.23	<1	13	87	50	4.48	<10	0.85	637	3	0.02	26	170	10	<5	<20	12	<0.01	<10	9	<10	<1	77
214	128748	<0.2	0.92	5	65	<5	0.51	<1	12	95	60	4.29	<10	0.96	790	5	0.02	27	460	12	<5	<20	19	<0.01	<10	11	<10	<1	52
215	128749	<0.2	1.12	<5	65	<5	0.59	<1	21	95	271	5.27	<10	1.06	700	4	0.02	38	330	12	<5	<20	11	<0.01	<10	14	<10	<1	60
216	128750	<0.2	0.94	10	55	<5	0.38	<1	16	94	319	4.46	<10	1.05	640	5	0.02	32	380	10	<5	<20	9	<0.01	<10	10	<10	<1	80
217	128751	<0.2	0.66	20	50	<5	0.26	<1	15	89	323	3.86	<10	0.85	565	3	0.02	23	200	8	<5	<20	9	<0.01	<10	8	<10	<1	64
218	128751A	0.3	0.86	10	50	<5	3.11	<1	20	379	3282	7.03	<10	1.16	771	12	0.08	284	670	8	<5	<20	153	<0.01	<10	69	<10	2	100
219	128752	<0.2	0.78	5	55	<5	0.63	<1	13	110	123	4.01	<10	1.00	758	4	0.03	27	300	6	<5	<20	21	<0.01	<10	9	<10	<1	52
220	128753	<0.2	1.26	10	60	<5	0.76	1	18	83	75	4.95	<10	1.11	699	3	0.02	38	1240	12	<5	<20	20	<0.01	<10	12	<10	<1	306
221	128754	<0.2	0.75	10	65	<5	0.67	<1	14	112	73	4.37	<10	1.02	644	4	0.03	29	1010	8	<5	<20	25	<0.01	<10	10	<10	<1	82
222	128755	<0.2	0.68	80	65	<5	0.59	<1	18	73	106	5.14	<10	1.13	818	4	0.03	37	480	8	<5	<20	25	<0.01	<10	12	<10	<1	77
223	128756	<0.2	0.39	65	45	<5	0.72	<1	10	109	76	3.10	<10	0.71	536	3	0.02	22	110	8	<5	<20	28	<0.01	<10	8	<10	<1	46
224	128757	<0.2	0.86	5	70	<5	0.48	<1	12	90	50	4.28	<10	0.90	761	4	0.02	24	380	10	<5	<20	18	<0.01	<10	10	<10	<1	52
225	128758	1.2	1.33	15	40	<5	2.33	<1	15	91	2907	3.61	<10	1.93	536	14	0.02	24	740	14	<5	<20	52	<0.01	<10	31	<10	1	86
226	128759	<0.2	0.83	5	30	<5	1.92	<1	6	80	646	1.85	10	1.21	312	10	0.03	17	350	12	<5	<20	39	<0.01	<10	10	<10	3	34
227	128760	<0.2	0.33	100	35	<5	3.73	<1	5	54	153	2.52	<10	1.42	596	2	0.06	7	240	68	<5	<20	32	<0.01	<10	8	<10	<1	215
228	128761	<0.2	0.29	55	30	<5	3.43	<1	5	64	58	2.33	<10	1.24	586	3	0.06	5	280	14	<5	<20	29	<0.01	<10	9	<10	<1	121
229	128762	<0.2	0.40	95	30	<5	3.20	<1	6	71	99	2.87	<10	1.28	529	3	0.06	5	210	16	<5	<20	34	<0.01	<10	14	<10	1	88
230	128763	0.4	0.80	165	25	<5	2.63	<1	6	72	64	2.76	<10	1.00	405	3	0.05	5	250	50	<5	<20	28	<0.01	<10	18	<10	1	87

ECO TECH LABORATORY LTD. **ICP CERTIFICATE OF ANALYSIS AK 2006-17** **CME Managing Consultants Inc.**

Et #.	Tag #	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
QC DATA:																													
Resplit:																													
1	128543	<0.2	3.24	20	80	<5	4.49	<1	45	46	523	7.86	<10	3.20	677	<1	0.02	32	4810	58	<5	<20	80	0.22	<10	141	<10	4	53
36	128577	0.2	4.58	30	45	<5	5.46	<1	48	40	642	>10	20	3.74	1045	10	<0.01	19	2390	50	<5	<20	250	0.02	<10	234	<10	<1	165
71	128610	<0.2	4.25	20	55	<5	1.90	<1	35	195	167	9.68	<10	5.22	1376	7	0.02	99	2080	44	<5	<20	54	0.01	<10	124	<10	<1	190
106	128644	1.4	1.78	15	35	<5	2.56	1	18	63	4176	4.46	<10	2.87	681	10	0.03	21	830	126	<5	<20	68	<0.01	<10	36	<10	<1	265
141	128678	1.8	1.11	10	40	<5	1.25	<1	18	76	4138	4.32	<10	1.69	400	8	0.03	12	<10	10	<5	<20	39	<0.01	<10	19	<10	<1	95
176	128711	1.0	2.26	5	35	<5	3.17	<1	25	145	5519	5.76	<10	3.19	450	43	0.04	45	1480	50	<5	<20	66	<0.01	<10	49	<10	1	225
211	128745	<0.2	0.78	10	70	<5	0.26	<1	12	94	43	3.97	<10	0.73	579	2	0.02	25	180	10	<5	<20	9	<0.01	<10	9	<10	<1	53
Repeat:																													
1	128543	<0.2	3.22	15	80	<5	4.42	<1	44	52	450	7.66	<10	3.19	668	<1	0.02	30	4860	52	<5	<20	77	0.25	<10	139	<10	7	50
10	128551A	0.5	0.82	15	50	<5	2.79	<1	21	414	3261	7.18	<10	0.97	767	13	0.06	324	1110	20	<5	<20	148	<0.01	<10	67	<10	2	128
19	128560	<0.2	3.91	20	65	<5	2.95	<1	80	369	487	>10	<10	3.54	999	<1	0.01	110	2620	62	<5	<20	55	0.23	<10	177	<10	<1	51
36	128577	0.2	3.99	30	50	<5	5.52	<1	51	27	609	>10	20	3.31	1019	10	<0.01	22	2160	52	<5	<20	234	0.02	<10	214	<10	<1	150
45	128586	0.6	1.39	45	40	<5	1.69	<1	16	55	2464	3.70	<10	1.61	408	31	0.03	10	280	20	<5	<20	41	<0.01	<10	23	<10	<1	71
54	128594	0.4	0.18	25	30	<5	0.74	<1	8	142	1006	1.70	<10	0.59	276	7	0.01	8	30	6	<5	<20	22	<0.01	<10	6	<10	<1	49
71	128610	<0.2	4.21	15	55	<5	2.15	<1	35	179	172	9.86	<10	5.33	1470	6	0.02	102	2020	38	<5	<20	60	0.02	<10	125	<10	<1	189
80	128619	0.4	0.78	20	75	<5	0.17	<1	20	58	791	5.45	<10	0.96	495	4	0.02	23	340	14	<5	<20	7	0.01	<10	9	<10	<1	52
85	128624	2.6	0.14	220	35	<5	0.31	<1	13	145	4036	2.52	<10	0.24	223	3	<0.01	10	<10	2	<5	<20	5	<0.01	<10	2	<10	<1	119
89	128628	2.2	0.11	195	35	<5	0.32	<1	18	151	2133	3.12	<10	0.14	83	4	0.01	13	<10	34	<5	<20	7	<0.01	<10	1	<10	<1	87
106	128644	1.2	1.72	15	50	<5	2.50	1	19	65	4071	4.33	<10	2.77	652	10	0.03	22	860	108	5	<20	66	<0.01	<10	35	<10	<1	272
115	128652	1.2	0.23	<5	30	<5	2.63	<1	9	60	3414	2.31	<10	1.41	416	5	0.03	6	10	6	<5	<20	52	<0.01	<10	7	<10	<1	38
124	128661	1.2	1.43	<5	50	<5	1.37	<1	15	84	3756	3.90	<10	2.21	487	16	0.03	24	220	12	<5	<20	34	<0.01	<10	29	<10	<1	81
141	128678	1.5	0.93	5	45	<5	1.13	<1	17	56	3965	3.97	<10	1.46	359	7	0.03	9	<10	10	<5	<20	35	<0.01	<10	16	<10	<1	82
150	128687	0.8	1.33	30	40	<5	0.23	<1	13	88	2750	3.52	<10	1.16	181	6	0.02	20	380	20	<5	<20	7	<0.01	<10	11	<10	<1	97
159	128695	1.1	0.78	25	60	<5	0.64	5	10	123	1715	3.43	<10	1.09	353	7	0.03	17	<10	80	<5	<20	19	<0.01	<10	10	<10	<1	543
176	128711	1.1	2.10	10	40	<5	2.94	<1	22	132	5405	5.48	<10	2.98	443	37	0.04	41	1450	92	<5	<20	59	<0.01	<10	45	<10	1	237
185	128720	1.4	0.71	35	55	<5	0.77	<1	21	114	3399	3.97	<10	1.25	311	10	0.02	20	120	4	<5	<20	14	<0.01	<10	14	<10	<1	96
194	128729	2.2	1.59	25	55	<5	1.12	<1	25	69	6470	5.51	<10	1.72	406	15	0.02	23	330	8	<5	<20	19	<0.01	<10	34	<10	<1	156
211	128745	<0.2	0.71	15	65	<5	0.25	<1	13	102	35	3.39	<10	0.67	519	4	0.02	25	140	8	<5	<20	10	<0.01	<10	8	<10	<1	47
220	128653	<0.2	1.14	10	55	<5	0.71	<1	17	78	68	4.62	<10	1.00	650	4	0.02	36	1200	12	<5	<20	18	<0.01	<10	11	<10	<1	304
Standard:																													
GEO '05		1.5	1.38	65	140	<5	1.64	<1	19	58	88	4.05	<10	0.73	605	<1	0.02	29	700	22	<5	<20	48	0.10	<10	83	<10	8	71
GEO '05		1.5	1.39	65	140	<5	1.54	<1	18	54	79	3.99	<10	0.74	584	<1	0.02	21	710	24	<5	<20	46	0.10	<10	81	<10	9	72
GEO '05		1.5	1.41	60	150	<5	1.59	<1	18	58	86	4.03	<10	0.87	617	<1	0.02	21	610	20	<5	<20	45	0.10	<10	79	<10	10	69

18-Jan-06

ECO TECH LABORATORY LTD. **ICP CERTIFICATE OF ANALYSIS AK 2006-17** **CME Managing Consultants Inc.**

Et #.	Tag #	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
Standard:																													
GEO '05		1.5	1.60	60	150	<5	1.60	<1	18	56	90	4.05	<10	0.87	622	<1	0.02	29	590	22	<5	<20	43	0.09	<10	78	<10	10	67
GEO '05		1.5	1.66	55	150	5	1.59	<1	18	54	84	4.08	<10	0.90	627	<1	0.03	29	620	24	<5	<20	48	0.10	<10	80	<10	15	66
GEO '05		1.5	1.56	55	150	<5	1.60	<1	18	57	87	4.13	<10	0.85	635	<1	0.02	29	630	22	<5	<20	44	0.09	<10	77	<10	10	71
GEO '05		1.6	1.55	60	145	<5	1.59	<1	18	58	85	4.10	<10	0.84	624	<1	0.02	29	620	24	<5	<20	46	0.09	<10	76	<10	10	73

ECO TECH LABORATORY LTD.
Jutta Jealouse
B.C. Certified Assayer

JJ/ga
df/1736/1723/17/18a/31
XLS/06

Eco Tech Laboratory Ltd.

ASSAYING
GEOCHEMISTRY
ANALYTICAL CHEMISTRY
ENVIRONMENTAL TESTING

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CERTIFICATE OF ASSAY AK 2006-17

CME Managing Consultants Inc.
#2130-21331 Gordon Way
Richmond, BC
V6W 1J9

18-Jan-06

No. of samples received: 230
Sample type: Core
Project Name: Harper Creek Comp.
Project Number: P60
Submitted By: Larry Crittenden

ET #.	Tag #	Cu (%)
10	128551A	0.32
31	128572	0.14
32	128573	0.10
38	128579	0.12
39	128580	0.17
40	128581	0.26
41	128582	0.54
42	128583	0.31
44	128585	0.18
45	128586	0.27
46	128587	0.55
47	128588	0.17
48	128589	0.42
49	128590	0.12
51	128591	0.57
52	128592	0.22
53	128593	0.34
54	128594	0.11
55	128595	0.45
56	128596	0.56
57	128597	0.81
58	128598	0.65
59	128599	0.30
60	128600	0.60

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CME Managing Consultants Inc. AK6-17

ET #.	Tag #	Cu (%)
61	128601	0.32
62	128601A	0.32
63	128602	0.24
64	128603	0.24
73	128612	0.13
74	128613	1.67
75	128614	2.06
76	128615	0.96
77	128616	0.93
78	128617	0.44
79	128618	0.54
81	128620	0.14
82	128621	0.12
83	128622	0.34
84	128623	0.42
85	128624	0.40
86	128625	0.25
88	128627	0.54
89	128628	0.22
90	128629	0.17
91	128630	0.36
92	128631	0.28
93	128632	0.23
94	128633	0.11
99	128638	0.10
100	128639	0.50
101	128640	0.37
103	128641	0.38
104	128642	0.44
105	128643	0.50
106	128644	0.40
107	128645	0.53
108	128646	0.88
109	128647	0.30
110	128648	0.16
112	128650	0.11
113	128651	0.22
114	128651A	0.91
115	128652	0.36
116	128653	0.20
117	128654	0.28
118	128655	0.11
119	128656	0.10

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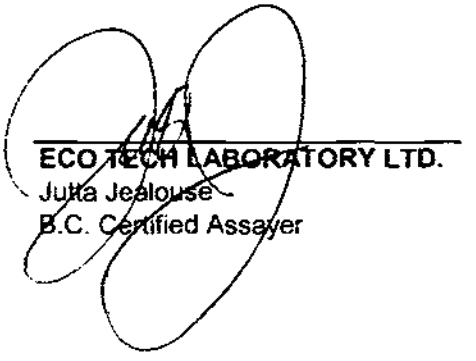
CME Managing Consultants Inc. AK6-17 18-Jan-06

ET #.	Tag #	Cu (%)
167	128702	0.30
168	128703	0.16
169	128704	0.32
170	128705	0.17
171	128706	0.11
172	128707	0.45
173	128708	0.63
174	128709	0.53
175	128710	0.46
176	128711	0.54
177	128712	0.47
178	128713	0.59
179	128714	0.56
180	128715	0.39
181	128716	0.47
182	128717	0.55
183	128718	0.36
184	128719	0.17
185	128720	0.34
186	128721	0.25
187	128722	0.53
188	128723	0.40
189	128724	0.36
190	128725	0.45
191	128726	0.44
192	128727	0.30
193	128728	0.44
194	128729	0.66
195	128730	0.37
196	128731	0.27
197	128732	0.30
198	128733	0.11
199	128734	0.13
200	128735	0.18
218	128651A	0.33
225	128658	0.31



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CME Managing Consultants Inc. AK6-17 18-Jan-06

ET #.	Tag #	Cu (%)
120	128657	0.34
121	128658	0.18
123	128660	0.12
124	128661	0.38
125	128662	0.31
126	128663	0.16
127	128664	0.32
128	128665	0.10
129	128666	0.26
130	128667	0.23
131	128668	0.22
132	128669	0.86
133	128670	0.26
134	128671	0.13
135	128672	0.41
136	128673	0.46
137	128674	0.54
138	128675	0.46
139	128676	0.28
140	128677	0.54
141	128678	0.39
142	128679	0.40
143	128680	0.16
144	128681	0.29
145	128682	0.33
146	128683	0.22
147	128684	0.25
148	128685	0.22
149	128686	0.16
150	128687	0.28
151	128688	0.60
152	128689	1.11
153	128690	0.54
154	128691	0.17
157	128693	0.24
158	128694	0.24
159	128695	0.17
160	128696	0.32
161	128697	0.31
162	128698	0.29
163	128699	0.22
164	128700	0.25
165	128701	0.31
166	128701A	0.92

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CME Managing Consultants Inc. AK6-17 18-Jan-06

ET #.	Tag #	Cu (%)
QC DATA:		
Repeat:		
47	128588	0.17
57	128597	0.81
76	128615	0.96
108	128646	0.87
117	128654	0.27
127	128664	0.32
136	128673	0.46
145	128682	0.33
153	128690	0.54
163	128699	0.22
172	128707	0.45
181	128716	0.47
189	128724	0.36
198	128733	0.11
Standard:		
CU106		1.42
CU106		1.44
CU106		1.41
CU106		1.43
CU106		1.43

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Eco Tech Laboratory Ltd.

ASSAYING
GEOCHEMISTRY
ANALYTICAL CHEMISTRY
ENVIRONMENTAL TESTING

10041 Dallas Drive, Kamloops, BC V2C 6T4
Phone (250) 573-5700 Fax (250) 573-4557
E-mail: info@ecotechlab.com
www.ecotechlab.com

CERTIFICATE OF ANALYSIS AK 2006-17

CME & COMPANY
#2130-21331 Gordon Way
Richmond, BC
V6W 1J9

18-Jan-06

No. of samples received: 230
Sample type: Core
Project Name: Harper Creek Comp.
Project Number: P60
Submitted By: Larry Crittenden

ET #.	Tag #	Au (ppb)	Pd (ppb)
1	128543	5	<5
2	128544	10	<5
3	128545	10	<5
4	128546	10	<5
5	128547	10	<5
6	128548	5	<5
7	128549	10	<5
8	128550	5	<5
9	128551	5	<5
10	128551A	250	<5
11	128552	20	<5
12	128553	5	<5
13	128554	5	<5
14	128555	5	<5
15	128556	10	<5
16	128557	5	<5
17	128558	15	<5
18	128559	10	<5
19	128560	10	<5
20	128561	15	<5
21	128562	15	<5
22	128563	20	<5
23	128564	10	<5
24	128565	10	<5
25	128566	5	<5
26	128567	35	<5

CME & COMPANY AK6-17 18-Jan-06

ET #.	Tag #	Au (ppb)	Pd (ppb)
27	128568	20	<5
28	128569	5	<5
29	128570	10	<5
30	128571	20	<5
31	128572	35	<5
32	128573	15	<5
33	128574	15	<5
34	128575	15	<5
35	128576	5	<5
36	128577	5	<5
37	128578	10	<5
38	128579	5	<5
39	128580	10	<5
40	128581	15	<5
41	128582	30	<5
42	128583	15	<5
43	128584	5	5
44	128585	10	<5
45	128586	5	<5
46	128587	40	<5
47	128588	5	<5
48	128589	20	<5
49	128590	5	<5
50	128590A	<5	<5
51	128591	10	<5
52	128592	5	<5
53	128593	5	<5
54	128594	10	<5
55	128595	20	<5
56	128596	35	<5
57	128597	115	<5
58	128598	70	5
59	128599	35	<5
60	128600	75	5
61	128601	45	<5
62	128601A	260	<5
63	128602	20	<5
64	128603	20	5
65	128604	5	<5
66	128605	5	<5
67	128606	<5	<5
68	128607	5	<5
69	128608	<5	<5
70	128609	5	<5
71	128610	5	<5
72	128611	<5	<5
73	128612	10	<5
74	128613	145	<5

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ET #.	Tag #	Au (ppb)	Pd (ppb)
75	128614	140	<5
76	128615	60	<5
77	128616	75	<5
78	128617	35	<5
79	128618	35	<5
80	128619	10	<5
81	128620	5	<5
82	128621	5	<5
83	128622	45	<5
84	128623	50	<5
85	128624	40	<5
86	128625	35	<5
87	128626	15	<5
88	128627	85	<5
89	128628	45	<5
90	128629	25	<5
91	128630	25	<5
92	128631	35	<5
93	128632	15	<5
94	128633	15	<5
95	128634	40	<5
96	128635	15	<5
97	128636	5	<5
98	128637	5	<5
99	128638	10	<5
100	128639	35	<5
101	128640	25	<5
102	128640B	<5	<5
103	128641	20	<5
104	128642	20	<5
105	128643	25	<5
106	128644	15	<5
107	128645	30	<5
108	128646	55	<5
109	128647	15	<5
110	128648	15	<5
111	128649	5	<5
112	128650	10	<5
113	128651	20	<5
114	128651A	>1000	<5
115	128652	35	<5
116	128653	20	<5
117	128654	40	<5
118	128655	10	<5
119	128656	10	<5
120	128657	10	<5
121	128658	5	<5
122	128659	10	<5

CME & COMPANY AK6-17 18-Jan-06

ET #.	Tag #	Au (ppb)	Pd (ppb)
123	128660	5	<5
124	128661	10	<5
125	128662	10	<5
126	128663	5	<5
127	128664	10	<5
128	128665	10	<5
129	128666	15	<5
130	128667	25	<5
131	128668	15	<5
132	128669	65	<5
133	128670	25	<5
134	128671	25	<5
135	128672	25	<5
136	128673	75	<5
137	128674	75	<5
138	128675	50	<5
139	128676	35	<5
140	128677	60	<5
141	128678	40	<5
142	128679	55	<5
143	128680	50	<5
144	128681	40	<5
145	128682	35	<5
146	128683	20	<5
147	128684	20	<5
148	128685	15	<5
149	128686	15	<5
150	128687	15	<5
151	128688	30	<5
152	128689	85	<5
153	128690	25	<5
154	128691	10	<5
155	128691B	<5	<5
156	128692	10	<5
157	128693	30	<5
158	128694	25	<5
159	128695	20	<5
160	128696	35	<5
161	128697	30	<5
162	128698	25	<5
163	128699	20	<5
164	128700	35	<5
165	128701	30	<5
166	128701A	>1000	<5
167	128702	30	<5
168	128703	15	<5
169	128704	25	<5
170	128705	15	<5

CME & COMPANY AK6-17 18-Jan-06

ET #.	Tag #	Au (ppb)	Pd (ppb)
171	128706	10	<5
172	128707	40	<5
173	128708	75	<5
174	128709	10	<5
175	128710	45	<5
176	128711	40	<5
177	128712	35	<5
178	128713	45	<5
179	128714	35	<5
180	128715	55	<5
181	128716	45	<5
182	128717	70	<5
183	128718	30	<5
184	128719	20	<5
185	128720	45	<5
186	128721	35	<5
187	128722	20	<5
188	128723	15	<5
189	128724	15	5
190	128725	10	<5
191	128726	20	<5
192	128727	20	<5
193	128728	20	<5
194	128729	15	<5
195	128730	15	5
196	128731	10	<5
197	128732	10	<5
198	128733	10	<5
199	128734	15	<5
200	128735	30	<5
201	128736	10	<5
202	128737	10	<5
203	128738	<5	<5
204	128739	<5	5
205	128740	10	<5
206	128740A	<5	<5
207	128741	5	<5
208	128742	5	<5
209	128743	<5	<5
210	128744	<5	<5
211	128745	<5	<5
212	128746	<5	<5
213	128747	5	<5
214	128748	<5	<5
215	128749	<5	<5
216	128750	<5	<5
217	128751	5	5

CME & COMPANY AK6-17 18-Jan-06

ET #.	Tag #	Au (ppb)	Pd (ppb)
218	128651A	260	<5
219	128652	<5	<5
220	128653	<5	<5
221	128654	5	<5
222	128655	5	<5
223	128656	<5	5
224	128657	15	<5
225	128658	15	5
226	128759	5	<5
227	128760	5	<5
228	128761	5	<5
229	128762	10	<5
230	128763	10	<5

QC DATA:

Resplit:

1	128543	10	<5
36	128577	<5	<5
71	128610	5	<5
106	128644	15	<5
141	128678	45	<5
176	128711	40	<5
211	128745	<5	<5

Repeat:

1	128543	5	<5
10	128551A	250	<5
19	128560	5	<5
36	128577	<5	<5
45	128586	5	<5
54	128594	5	<5
71	128610	<5	<5
80	128619	10	<5
89	128628	40	<5
106	128644	15	<5
115	128652	35	<5
124	128661	10	<5
141	128678	40	<5
150	128687	10	<5
159	128695	20	<5
176	128711	50	<5
185	128720	40	<5
194	128729	10	<5
211	128745	<5	<5
220	128653	<5	<5

CME & COMPANY AK6-17 18-Jan-06

ET #. Tag #	Au (ppb)	Pd (ppb)
Standard:		
PG114	440	375
PG114	430	370
PG114	440	375
PG114	445	370
PG114	435	360
PG114	440	380
PG114	440	360

JJ/kk
XLS/06

ECO TECH LABORATORY LTD.
Jutta Jealouse
B.C. Certified Assayer

18-Jan-06

ECO TECH LABORATORY LTD.
10041 Dallas Drive
KAMLOOPS, B.C.
V2C 6T4

Phone: 250-573-5700
Fax : 250-573-4557

ICP CERTIFICATE OF ANALYSIS AK 2006-018

CME Managing Consultants Inc.
#2130-21331 Gordon Way
Richmond, BC
V6W 1J9

No. of samples received: 231
Sample type: Core
Project Name: Harper Creek
Project Number: P60
Submitted By: Larry Crittenden

Values in ppm unless otherwise reported

Et #.	Tag #	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
1	128764	0.6	2.38	55	50	<5	2.33	<1	20	43	250	6.29	<10	1.59	545	5	0.03	3	220	102	<5	<20	28	<0.01	<10	43	<10	<1	136
2	128765	0.2	2.30	20	40	<5	3.12	<1	19	53	121	5.40	<10	1.80	658	5	0.04	6	210	86	<5	<20	33	<0.01	<10	53	<10	<1	193
3	128766	0.8	1.92	20	45	<5	3.66	7	24	48	407	6.60	<10	2.21	853	6	0.04	6	170	436	<5	<20	36	<0.01	<10	47	<10	<1	816
4	128767	0.2	1.39	45	40	<5	2.82	3	20	55	116	5.72	<10	1.73	747	5	0.04	17	400	40	<5	<20	26	<0.01	<10	25	<10	<1	356
5	128768	0.8	1.07	90	40	<5	1.38	<1	19	112	413	5.52	<10	1.18	484	7	0.02	23	120	30	<5	<20	20	<0.01	<10	15	<10	<1	109
6	128769	0.2	1.69	30	40	<5	2.21	<1	20	99	177	5.73	<10	1.82	710	5	0.02	26	490	22	<5	<20	30	<0.01	<10	35	<10	<1	81
7	128770	0.2	0.95	10	35	<5	1.31	<1	12	126	220	3.41	<10	1.00	426	5	0.02	18	180	14	<5	<20	21	<0.01	<10	11	<10	<1	37
8	128771	<0.2	1.62	10	45	<5	0.65	<1	11	57	87	4.26	<10	1.07	324	3	0.02	19	230	20	<5	<20	14	<0.01	<10	14	<10	<1	42
9	128772	0.6	2.11	30	65	<5	0.54	<1	26	101	703	6.97	<10	1.34	376	7	0.01	26	160	30	<5	<20	13	<0.01	<10	15	<10	<1	58
10	128773	0.2	1.53	20	55	<5	0.50	<1	14	75	192	4.45	<10	0.98	288	3	0.02	18	180	24	<5	<20	15	<0.01	<10	11	<10	<1	49
11	128774	0.7	2.11	10	70	<5	0.86	<1	16	91	583	5.86	<10	1.49	491	7	0.01	25	280	30	<5	<20	22	<0.01	<10	16	<10	<1	65
12	128775	0.7	1.27	20	50	<5	0.76	<1	12	82	547	3.87	<10	0.96	376	3	0.02	15	100	20	<5	<20	15	<0.01	<10	9	<10	<1	52
13	128776	<0.2	1.41	10	60	<5	0.69	<1	10	109	125	3.73	10	0.98	289	4	0.02	18	250	18	<5	<20	16	<0.01	<10	10	<10	<1	36
14	128777	<0.2	1.29	10	60	5	0.47	<1	9	82	28	3.17	20	0.82	245	2	0.02	20	180	16	<5	<20	13	<0.01	<10	10	<10	<1	27
15	128778	1.8	1.14	25	100	<5	5.18	4	30	186	1380	8.57	<10	4.45	1183	33	0.06	33	1000	294	<5	<20	315	<0.01	<10	48	<10	<1	423
16	128779	0.4	0.31	25	35	<5	2.62	2	9	96	709	2.50	<10	1.22	560	6	0.02	5	100	84	<5	<20	134	<0.01	<10	5	<10	4	145
17	128780	<0.2	1.18	5	55	<5	0.73	<1	10	133	37	3.04	10	0.88	280	4	0.02	21	170	14	<5	<20	19	<0.01	<10	9	<10	<1	28
18	128781	0.6	3.18	15	55	<5	3.97	<1	37	95	2129	8.27	<10	3.05	812	6	0.02	38	1290	26	<5	<20	105	0.01	<10	117	<10	3	72
19	128782	0.2	3.38	<5	60	<5	4.35	<1	38	129	1289	7.85	20	3.06	665	9	0.02	40	1250	26	<5	<20	151	0.02	<10	166	<10	12	57
20	128783	0.2	3.68	<5	120	<5	5.81	<1	40	172	2216	8.21	20	3.30	663	8	0.02	50	1030	26	<5	<20	209	0.03	<10	164	<10	13	52
21	128784	0.3	4.04	<5	45	<5	5.02	<1	39	274	2590	7.51	<10	4.14	600	8	0.02	80	740	28	<5	<20	152	0.02	<10	136	<10	9	57
22	128785	0.6	2.96	5	65	<5	3.72	<1	26	183	3799	5.41	<10	3.14	583	8	0.02	66	490	20	<5	<20	106	<0.01	<10	65	<10	<1	48
23	128786	0.5	1.28	5	55	<5	2.75	<1	23	90	2879	4.82	10	2.01	512	12	0.03	27	560	10	<5	<20	52	<0.01	<10	52	<10	4	38
24	128787	0.5	0.44	5	65	<5	3.09	<1	19	48	2902	4.00	<10	1.90	284	11	0.03	6	<10	2	<5	<20	71	<0.01	<10	20	<10	<1	37
25	128788	0.3	0.50	<5	45	<5	2.27	<1	18	95	1543	3.18	<10	1.47	248	21	0.04	16	340	4	<5	<20	55	<0.01	<10	19	<10	<1	33
26	128789	0.5	1.81	<5	55	<5	4.13	<1	32	154	3173	7.13	<10	3.27	621	9	0.04	65	750	12	<5	<20	89	<0.01	<10	69	<10	<1	71
27	128790	<0.2	0.68	<5	40	<5	1.63	<1	10	115	694	2.65	10	1.45	263	17	0.05	22	260	8	<5	<20	46	<0.01	<10	15	<10	<1	37
28	128790B	<0.2	0.03	10	<5	<5	>10	<1	<1	3	4	0.05	<10	2.36	28	<1	0.01	<1	60	<2	20	<20	5701	<0.01	<10	3	<10	<1	1
29	128791	0.4	0.96	<5	50	<5	2.64	<1	21	95	1610	5.06	<10	2.13	531	34	0.04	26	720	8	<5	<20	70	<0.01	<10	55	<10	<1	81
30	128792	0.5	1.35	<5	70	<5	2.74	<1	22	97	2019	5.88	<10	2.80	588	21	0.04	31	900	12	<5	<20	80	<0.01	<10	62	<10	<1	133

ECO TECH LABORATORY LTD. **ICP CERTIFICATE OF ANALYSIS AK 2006-018** **CME Managing Consultants Inc.**

Et #.	Tag #	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
31	128793	0.6	0.79	35	50	<5	2.72	2	26	87	1244	4.31	<10	2.16	604	14	0.03	25	590	44	<5	<20	132	<0.01	<10	30	<10	3	184
32	128796	<0.2	0.76	15	50	<5	0.86	<1	7	79	553	2.71	<10	1.17	301	4	0.04	2	160	16	<5	<20	28	<0.01	<10	7	<10	<1	41
33	128797	<0.2	0.82	<5	55	<5	1.89	<1	9	51	516	2.99	<10	1.71	499	3	0.04	2	180	14	5	<20	43	<0.01	<10	11	<10	<1	52
34	128798	0.8	0.86	<5	45	<5	1.87	<1	12	97	2584	3.03	<10	1.55	380	4	0.05	5	<10	10	<5	<20	36	<0.01	<10	14	<10	<1	52
35	128799	0.9	0.92	10	50	<5	1.79	<1	14	74	2779	3.56	<10	1.41	371	4	0.06	4	<10	12	<5	<20	30	<0.01	<10	14	<10	<1	51
36	128800	0.8	0.85	<5	35	<5	2.18	<1	11	76	2446	2.77	<10	1.55	416	2	0.05	5	<10	10	<5	<20	34	<0.01	<10	12	<10	<1	51
37	128801	0.6	1.20	5	35	<5	1.15	<1	10	94	1596	2.58	<10	1.61	323	2	0.05	4	100	18	<5	<20	24	<0.01	<10	16	<10	<1	65
38	128801A	>30	0.46	1610	110	<5	0.92	107	87	1187	9370	>10	<10	0.72	1153	21	<0.01	900	<10	5004	65	<20	16	<0.01	<10	18	<10	<1	>10000
39	128802	0.7	0.90	5	35	<5	1.21	<1	10	115	1972	2.56	<10	1.65	370	3	0.04	5	60	14	<5	<20	24	<0.01	<10	14	<10	<1	79
40	128803	0.8	0.91	10	35	<5	1.24	<1	11	108	2520	2.60	<10	1.42	333	4	0.04	8	80	14	<5	<20	23	<0.01	<10	14	<10	<1	94
41	128804	0.9	0.97	<5	40	<5	2.12	<1	14	89	2704	3.30	<10	1.75	382	4	0.05	15	370	18	<5	<20	36	<0.01	<10	19	<10	<1	160
42	128805	1.6	1.40	<5	40	<5	3.14	<1	19	97	4788	4.73	<10	2.64	555	7	0.05	23	740	12	<5	<20	49	<0.01	<10	34	<10	<1	280
43	128806	1.8	0.85	5	30	<5	1.91	<1	13	84	4721	2.98	<10	1.61	404	7	0.04	13	120	14	<5	<20	34	<0.01	<10	15	<10	<1	182
44	128807	0.4	0.29	<5	35	<5	2.19	<1	8	92	1335	1.71	<10	1.27	351	6	0.03	10	310	6	5	<20	51	<0.01	<10	7	<10	3	45
45	128808	0.4	0.22	5	30	<5	1.17	<1	5	114	628	1.29	<10	0.67	205	9	0.03	9	170	10	<5	<20	31	<0.01	<10	4	<10	2	25
46	128809	0.9	1.01	5	25	<5	1.58	<1	7	81	2049	1.90	<10	1.66	420	37	0.05	16	380	24	5	<20	29	<0.01	<10	14	<10	4	98
47	128810	0.8	0.90	5	25	<5	1.69	<1	8	67	2007	2.01	<10	1.66	410	30	0.05	13	140	26	<5	<20	34	<0.01	<10	14	<10	3	73
48	128811	1.4	0.95	15	25	<5	2.91	<1	10	76	3344	2.68	<10	2.33	572	43	0.05	13	30	44	<5	<20	69	<0.01	<10	18	<10	4	64
49	128812	1.2	1.21	10	35	<5	1.62	<1	12	70	3601	2.76	<10	1.98	460	33	0.04	11	<10	18	<5	<20	41	0.01	<10	22	<10	<1	83
50	128813	1.3	1.14	10	40	<5	1.25	<1	10	104	3663	2.91	<10	2.00	470	40	0.04	13	<10	8	5	<20	32	<0.01	<10	17	<10	<1	80
51	128814	1.9	1.52	15	40	<5	1.74	<1	15	81	5381	4.09	<10	2.62	667	20	0.04	20	390	14	5	<20	50	<0.01	<10	27	<10	<1	95
52	128815	2.3	2.61	10	55	<5	2.28	<1	26	77	7396	6.59	<10	3.68	845	23	0.03	36	1060	26	<5	<20	51	<0.01	<10	74	<10	<1	166
53	128816	1.0	1.46	5	30	<5	1.70	<1	11	100	3487	3.29	<10	2.05	562	14	0.03	24	420	20	<5	<20	38	<0.01	<10	25	<10	<1	95
54	128817	1.2	2.02	10	30	<5	1.57	<1	17	102	3732	4.04	<10	2.32	534	43	0.03	26	810	30	<5	<20	32	<0.01	<10	36	<10	<1	84
55	128818	2.5	2.88	20	45	<5	2.16	<1	33	81	>10000	7.60	<10	3.35	724	37	0.02	34	1060	34	<5	<20	57	<0.01	<10	76	<10	<1	109
56	128819	1.8	3.02	5	45	<5	2.19	<1	28	96	7035	7.30	<10	3.20	609	14	0.02	34	730	28	<5	<20	47	<0.01	<10	77	<10	<1	129
57	128820	2.3	3.77	20	55	<5	2.29	<1	33	135	7113	7.64	<10	4.08	981	24	0.02	48	830	98	<5	<20	40	<0.01	<10	76	<10	<1	217
58	128821	1.5	3.28	5	45	<5	2.35	<1	29	134	7125	6.62	<10	3.70	541	21	0.03	55	720	56	<5	<20	32	<0.01	<10	78	<10	<1	134
59	128822	1.5	2.63	10	35	<5	2.60	<1	26	161	7418	5.62	<10	3.41	729	17	0.03	44	430	30	<5	<20	44	<0.01	<10	51	<10	<1	107
60	128823	1.5	3.09	5	35	<5	1.88	<1	25	148	6241	5.67	<10	3.63	576	14	0.02	46	900	36	<5	<20	31	<0.01	<10	55	<10	<1	121
61	128824	2.7	1.45	5	35	<5	0.91	<1	21	78	8763	3.78	<10	1.89	500	20	0.02	20	<10	10	<5	<20	16	<0.01	<10	11	<10	<1	86
62	128825	2.7	2.42	10	45	<5	0.49	<1	31	80	9100	6.87	<10	2.31	438	28	0.02	25	<10	20	<5	<20	12	<0.01	<10	20	<10	<1	153
63	128826	1.4	1.52	15	35	<5	0.81	<1	15	95	4076	3.61	<10	1.78	432	13	0.02	21	150	18	<5	<20	19	<0.01	<10	13	<10	<1	101
64	128827	1.1	1.36	35	30	<5	0.39	<1	14	95	2556	3.47	<10	1.49	324	5	0.02	17	10	18	<5	<20	11	<0.01	<10	10	<10	<1	130
65	128828	0.6	1.63	15	40	<5	0.25	<1	12	80	1053	2.94	<10	1.56	269	4	0.02	19	230	36	<5	<20	8	<0.01	<10	12	<10	<1	125
66	128829	1.1	1.93	30	40	<5	0.66	<1	21	109	2590	3.66	<10	2.02	426	13	0.02	25	370	52	<5	<20	16	<0.01	<10	23	<10	<1	132
67	128830	1.8	3.11	15	50	<5	2.15	<1	35	117	5234	6.52	<10	3.62	1004	18	0.02	47	810	30	<5	<20	45	<0.01	<10	61	<10	<1	197
68	128831	2.1	3.23	30	50	<5	2.64	1	42	174	9224	8.19	<10	3.77	833	17	0.02	55	310	30	<5	<20	52	<0.01	<10	76	<10	<1	213
69	128832	1.4	0.85	10	30	<5	1.93	<1	18	84	4251	3.76	<10	1.67	510	21	0.02	47	<10	14	<5	<20	45	<0.01	<10	14	<10	<1	84
70	128833	1.4	0.42	5	30	<5	1.17	<1	10	103	1046	2.06	<10	0.86	312	4	0.02	19	40	14	<5	<20	37	<0.01	<10	5	<10	<1	45

ECO TECH LABORATORY LTD. **ICP CERTIFICATE OF ANALYSIS AK 2006-018** **CME Managing Consultants Inc.**

Et #.	Tag #	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
71	128834	0.2	0.74	10	40	<5	0.96	<1	8	111	736	1.97	<10	1.06	296	5	0.02	17	100	18	<5	<20	29	<0.01	<10	6	<10	<1	76
72	128835	0.2	0.87	<5	40	<5	0.43	<1	11	90	715	2.25	<10	0.89	163	4	0.02	19	740	14	<5	<20	19	<0.01	<10	7	<10	2	79
73	128836	0.3	0.49	15	50	<5	0.25	<1	15	72	774	3.02	<10	0.81	259	6	0.02	22	190	12	<5	<20	11	<0.01	<10	6	<10	<1	66
74	128837	0.5	0.66	10	45	<5	0.21	<1	15	89	1367	2.84	<10	1.08	300	4	0.02	21	220	16	<5	<20	10	<0.01	<10	9	<10	<1	78
75	128838	0.2	0.39	5	50	<5	0.62	<1	12	74	547	2.79	<10	0.73	248	2	0.02	23	200	22	<5	<20	34	<0.01	<10	4	<10	<1	41
76	128839	0.4	0.81	10	55	<5	0.21	<1	17	70	980	3.76	<10	1.04	317	3	0.02	31	400	14	<5	<20	8	<0.01	<10	11	<10	<1	83
77	128840	0.3	0.33	10	40	<5	0.97	<1	17	80	493	3.50	<10	0.79	374	2	0.02	20	150	8	<5	<20	21	<0.01	<10	5	<10	<1	48
78	128840A	<0.2	0.69	<5	40	5	0.54	<1	5	57	5	1.75	50	0.27	398	<1	0.09	3	360	26	<5	<20	17	0.13	<10	17	<10	33	30
79	128841	0.2	0.42	<5	55	<5	0.29	<1	11	68	258	3.71	<10	0.99	418	2	0.02	21	130	8	<5	<20	9	<0.01	<10	5	<10	<1	84
80	128842	<0.2	0.83	10	55	<5	0.58	<1	12	107	215	3.31	<10	1.09	460	4	0.02	21	150	16	<5	<20	21	<0.01	<10	9	<10	<1	96
81	128843	0.2	0.47	10	40	<5	0.90	<1	7	87	320	2.47	<10	0.89	467	1	0.02	13	40	8	<5	<20	25	<0.01	<10	5	<10	<1	54
82	128844	<0.2	0.70	10	45	<5	0.55	<1	9	112	147	2.87	<10	1.00	427	3	0.02	15	110	10	<5	<20	17	<0.01	<10	7	<10	<1	70
83	128845	0.2	2.12	15	85	<5	2.26	<1	41	73	570	>10	<10	1.81	841	9	0.02	33	480	18	<5	<20	25	<0.01	<10	24	<10	<1	79
84	128846	<0.2	0.52	100	45	<5	0.71	<1	13	106	122	4.31	<10	1.00	398	5	0.02	25	260	6	<5	<20	19	<0.01	<10	10	<10	<1	55
85	128847	<0.2	1.30	150	40	<5	0.47	<1	14	84	90	4.41	10	0.96	438	3	0.02	22	340	18	<5	<20	8	<0.01	<10	11	<10	<1	47
86	128848	0.6	1.72	1880	55	<5	0.66	<1	41	99	460	6.20	<10	1.16	446	6	0.02	38	250	22	<5	<20	17	<0.01	<10	16	<10	<1	61
87	128849	<0.2	0.72	20	30	<5	1.01	<1	9	74	23	2.80	20	0.79	443	3	0.02	21	310	8	<5	<20	27	<0.01	<10	7	<10	<1	29
88	128850	<0.2	0.84	10	40	<5	0.69	<1	8	129	44	2.67	<10	0.73	290	3	0.02	17	100	12	<5	<20	18	<0.01	<10	9	<10	<1	27
89	128850A	>30	0.48	1740	120	<5	0.91	113	93	1162	9123	>10	<10	0.74	1143	21	<0.01	873	<10	5006	65	<20	16	<0.01	<10	18	<10	<1	>10000
90	128851	<0.2	0.98	15	50	<5	0.84	<1	11	85	67	3.29	10	0.93	332	2	0.02	23	360	12	<5	<20	25	<0.01	<10	11	<10	<1	35
91	128852	<0.2	0.98	10	55	<5	1.14	<1	11	101	93	2.93	10	1.07	448	3	0.02	23	340	14	<5	<20	32	<0.01	<10	9	<10	<1	26
92	128853	<0.2	2.44	30	55	<5	1.29	<1	21	80	188	5.84	<10	2.02	590	5	0.02	48	860	26	<5	<20	38	<0.01	<10	29	<10	<1	47
93	128854	<0.2	1.52	70	40	<5	0.44	<1	14	122	51	3.52	<10	1.19	256	4	0.02	25	130	16	<5	<20	11	<0.01	<10	15	<10	<1	27
94	128855	<0.2	2.17	10	50	5	1.42	<1	18	81	96	5.40	<10	2.04	551	4	0.02	35	600	30	<5	<20	38	<0.01	<10	26	<10	<1	44
95	128856	<0.2	1.38	10	50	<5	1.03	<1	12	95	74	3.96	<10	1.25	407	4	0.02	27	260	18	<5	<20	26	<0.01	<10	14	<10	<1	35
96	128857	<0.2	0.94	15	55	<5	0.86	<1	18	81	106	4.10	<10	1.07	379	3	0.02	29	180	10	<5	<20	20	<0.01	<10	11	<10	<1	36
97	128858	0.2	0.61	15	55	<5	1.20	<1	13	83	466	3.36	<10	1.31	497	5	0.02	28	330	12	<5	<20	29	<0.01	<10	9	<10	<1	27
98	128859	1.2	0.78	10	60	<5	2.45	<1	22	77	2054	4.49	<10	1.84	692	6	0.02	18	190	12	<5	<20	62	<0.01	<10	9	<10	<1	44
99	128860	1.8	1.10	5	50	<5	4.98	<1	27	95	4000	6.11	<10	3.29	1156	10	0.02	17	<10	6	<5	<20	100	<0.01	<10	16	<10	<1	64
100	128861	2.5	1.85	<5	90	<5	3.93	2	32	86	7070	7.18	<10	3.37	668	9	0.03	33	460	12	<5	<20	76	<0.01	<10	42	<10	<1	98
101	128862	0.4	0.45	10	40	<5	1.66	<1	7	107	1040	2.16	<10	1.25	268	24	0.04	14	170	6	<5	<20	40	<0.01	<10	6	<10	<1	28
102	128863	0.6	0.67	5	65	<5	2.19	<1	12	65	1594	3.61	<10	1.89	449	9	0.05	20	200	14	<5	<20	55	<0.01	<10	8	<10	<1	43
103	128864	<0.2	0.68	10	50	<5	2.42	<1	7	92	293	2.42	<10	1.62	437	13	0.04	15	270	12	<5	<20	56	<0.01	<10	9	<10	3	27
104	128865	<0.2	1.11	<5	50	<5	2.03	<1	14	70	677	3.50	<10	1.83	379	18	0.04	27	440	12	<5	<20	51	<0.01	<10	19	<10	<1	47
105	128866	0.5	0.85	5	30	<5	2.39	<1	10	73	1835	2.98	<10	1.91	407	35	0.05	10	130	10	<5	<20	42	<0.01	<10	18	<10	<1	54
106	128867	<0.2	0.58	<5	35	<5	2.67	<1	14	46	804	2.94	<10	1.91	404	10	0.03	23	300	10	<5	<20	63	<0.01	<10	12	<10	<1	41
107	128868	0.3	0.75	<5	40	<5	1.87	<1	9	63	1634	2.47	<10	1.49	342	4	0.05	5	190	10	<5	<20	39	<0.01	<10	14	<10	<1	39
108	128869	<0.2	0.95	<5	40	<5	1.66	<1	8	64	910	2.55	<10	1.53	341	4	0.05	2	180	14	<5	<20	40	<0.01	<10	11	<10	<1	42
109	128870	0.3	1.05	<5	40	<5	1.75	<1	10	70	1296	2.52	<10	1.65	437	5	0.05	4	120	12	<5	<20	40	<0.01	<10	12	<10	<1	47
110	128871	0.5	0.98	<5	50	<5	1.82	<1	12	87	1936	2.84	<10	1.58	448	6	0.05	6	60	12	<5	<20	39	<0.01	<10	13	<10	<1	43

Et #.	Tag #	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
111	128872	0.3	1.07	<5	45	<5	1.92	<1	11	85	1244	3.11	<10	1.71	471	5	0.04	7	140	16	<5	<20	40	<0.01	<10	14	<10	<1	44
112	128873	0.6	1.41	<5	35	<5	1.57	<1	11	104	2054	3.11	<10	2.02	480	6	0.03	11	260	16	<5	<20	39	<0.01	<10	26	<10	<1	71
113	128874	1.0	1.88	<5	40	<5	2.75	1	23	128	3179	5.52	<10	3.20	727	26	0.04	31	570	16	<5	<20	56	<0.01	<10	51	<10	<1	125
114	128875	1.6	1.34	<5	55	<5	2.61	<1	20	98	4629	4.80	<10	2.73	572	20	0.05	28	590	14	<5	<20	57	<0.01	<10	32	<10	<1	102
115	128876	1.1	1.59	<5	30	<5	2.33	<1	17	96	3861	4.16	<10	2.62	426	8	0.04	28	370	20	<5	<20	47	<0.01	<10	37	<10	<1	97
116	128877	0.3	0.88	<5	45	<5	1.73	<1	8	82	1169	1.93	<10	1.70	310	15	0.06	18	290	16	10	<20	39	<0.01	<10	13	<10	3	52
117	128878	0.5	0.69	<5	30	<5	2.00	<1	10	75	1670	2.16	<10	1.72	317	31	0.06	17	860	12	<5	<20	54	<0.01	<10	11	<10	6	69
118	128879	1.0	0.64	<5	25	<5	1.57	<1	7	102	2773	2.05	<10	1.67	371	45	0.05	15	60	12	5	<20	44	<0.01	<10	9	<10	2	105
119	128880	3.3	0.61	<5	40	<5	1.86	<1	14	94	6282	3.20	<10	1.80	485	34	0.05	24	<10	56	<5	<20	38	<0.01	<10	8	<10	<1	150
120	128881	2.6	1.22	5	35	<5	1.43	<1	11	101	5565	2.93	<10	2.18	428	44	0.04	23	40	60	5	<20	37	<0.01	<10	14	<10	<1	204
121	128882	2.1	1.14	15	110	<5	0.86	<1	12	87	5027	2.86	<10	1.94	403	157	0.04	15	<10	16	<5	<20	28	<0.01	<10	12	<10	<1	181
122	128883	1.5	0.80	10	35	<5	1.56	1	18	111	4058	3.61	<10	2.07	522	18	0.03	18	<10	14	<5	<20	51	<0.01	<10	18	<10	<1	100
123	128884	1.1	1.15	<5	60	<5	1.47	<1	12	80	3465	2.98	<10	2.08	470	22	0.03	11	<10	10	<5	<20	46	<0.01	<10	19	<10	<1	95
124	128885	1.3	0.88	<5	35	<5	2.10	<1	14	80	4035	2.78	<10	1.75	402	32	0.05	9	<10	10	<5	<20	48	<0.01	<10	13	<10	<1	60
125	128886	1.4	1.05	15	45	<5	1.08	<1	10	112	4032	2.62	<10	1.49	297	35	0.04	18	<10	12	<5	<20	29	<0.01	<10	12	<10	<1	66
126	128887	2.0	1.68	25	55	<5	1.91	<1	23	116	5887	5.11	<10	2.78	700	43	0.04	26	20	14	<5	<20	53	<0.01	<10	46	<10	<1	98
127	128888	3.0	1.89	15	55	<5	2.31	<1	28	96	>10000	6.47	<10	3.36	868	18	0.03	18	<10	16	<5	<20	63	0.01	<10	45	<10	<1	105
128	128889	2.7	2.74	5	75	<5	1.18	<1	38	126	8081	7.04	<10	3.42	732	17	0.03	35	70	22	<5	<20	41	0.01	<10	72	<10	<1	154
129	128890	1.9	1.39	20	50	<5	1.25	<1	23	83	6005	5.38	<10	2.31	448	19	0.03	21	<10	14	<5	<20	41	<0.01	<10	39	<10	<1	103
130	128890B	<0.2	0.03	10	<5	<5	>10	<1	1	4	15	0.04	<10	2.16	27	<1	0.01	<1	70	<2	20	<20	5809	<0.01	<10	3	<10	<1	<1
131	128891	1.4	0.68	<5	40	<5	1.68	<1	17	70	4655	3.87	<10	1.98	452	13	0.04	10	<10	8	<5	<20	65	<0.01	<10	13	<10	<1	73
132	128892	1.2	1.24	<5	50	<5	0.97	<1	13	78	4106	3.71	<10	2.00	423	13	0.04	18	<10	18	<5	<20	33	<0.01	<10	22	<10	<1	80
133	128893	0.8	1.34	10	40	<5	1.14	<1	19	123	2550	3.40	<10	1.83	408	15	0.03	25	190	16	10	<20	39	<0.01	<10	20	<10	<1	91
134	128894	1.1	0.70	<5	60	<5	1.35	<1	14	84	3238	3.57	<10	1.67	395	9	0.04	22	<10	8	<5	<20	49	<0.01	<10	12	<10	<1	75
135	128895	1.0	3.80	<5	105	<5	1.89	<1	46	184	4253	9.54	<10	4.03	669	10	0.04	51	650	26	<5	<20	33	0.01	<10	113	<10	<1	140
136	128896	1.0	2.92	25	60	<5	2.14	<1	30	140	3412	6.87	<10	3.44	774	15	0.02	39	500	28	<5	<20	27	<0.01	<10	72	<10	<1	127
137	128897	1.3	1.05	20	50	<5	0.56	<1	14	127	3319	3.83	<10	1.15	259	8	0.02	16	<10	14	<5	<20	11	0.01	<10	12	<10	<1	104
138	128898	2.4	0.54	15	45	<5	0.46	<1	19	91	6565	3.10	<10	0.66	159	3	0.02	16	<10	<2	<5	<20	13	<0.01	<10	4	<10	<1	99
139	128899	3.3	0.72	20	60	<5	0.13	<1	36	124	8247	5.29	<10	0.70	158	8	0.01	16	<10	<2	<5	<20	7	<0.01	<10	4	<10	<1	143
140	128900	2.8	0.68	20	60	<5	0.39	<1	24	89	6262	5.06	<10	1.19	270	5	0.02	17	<10	6	<5	<20	14	<0.01	<10	8	<10	<1	162
141	128901	0.6	0.67	30	70	<5	0.76	<1	14	125	1760	3.90	<10	0.88	252	6	0.02	17	<10	10	<5	<20	24	<0.01	<10	6	<10	<1	54
142	128901A	0.4	0.99	10	60	<5	3.26	1	20	399	3054	7.32	10	1.28	601	12	0.07	296	750	12	<5	<20	179	<0.01	<10	75	<10	<1	102
143	128902	0.2	0.57	<5	55	<5	0.82	<1	6	121	767	1.92	<10	0.97	257	2	0.02	11	60	14	<5	<20	22	<0.01	<10	5	<10	<1	60
144	128903	0.6	0.77	<5	50	<5	0.79	<1	12	112	1604	2.79	<10	1.13	253	2	0.03	18	20	18	<5	<20	24	<0.01	<10	7	<10	<1	49
145	128904	0.4	1.32	10	50	<5	1.05	<1	15	85	1244	3.87	<10	1.90	425	26	0.02	8	460	16	<5	<20	28	<0.01	<10	16	<10	<1	105
146	128905	1.0	1.21	<5	50	<5	0.96	<1	13	91	1712	3.84	<10	1.81	386	6	0.02	14	40	98	<5	<20	34	<0.01	<10	15	<10	<1	104
147	128906	0.4	0.67	<5	45	<5	0.81	<1	10	97	828	2.44	<10	1.01	204	3	0.03	17	250	22	<5	<20	29	<0.01	<10	6	<10	<1	78
148	128907	0.6	0.56	<5	60	<5	1.03	<1	12	87	1460	2.26	<10	0.90	266	2	0.02	17	30	8	<5	<20	24	<0.01	<10	6	<10	<1	53
149	128908	0.4	0.91	20	65	<5	0.42	<1	20	66	1075	4.22	<10	0.98	314	3	0.02	33	240	16	<5	<20	15	<0.01	<10	10	<10	<1	118
150	128909	0.5	0.87	15	55	<5	0.17	<1	18	59	1161	3.57	10	0.90	275	4	0.02	33	220	14	<5	<20	8	<0.01	<10	9	<10	<1	124

Et #.	Tag #	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
151	128910	0.2	0.51	<5	55	<5	0.42	<1	13	85	586	3.17	10	1.06	313	3	0.02	29	160	10	<5	<20	15	<0.01	<10	7	<10	<1	87
152	128911	0.3	0.33	<5	50	<5	0.47	<1	11	91	789	3.01	10	0.96	360	9	0.02	21	160	8	<5	<20	18	<0.01	<10	7	<10	<1	79
153	128912	0.7	0.32	5	45	<5	0.53	<1	8	106	825	2.33	<10	0.88	298	2	0.02	20	80	18	<5	<20	14	<0.01	<10	6	<10	<1	93
154	128913	0.6	0.97	<5	55	<5	0.88	<1	17	62	1508	4.23	<10	1.99	453	6	0.02	8	110	12	<5	<20	27	<0.01	<10	22	<10	<1	182
155	128914	0.7	0.43	10	70	<5	0.55	<1	17	94	1304	5.22	<10	1.95	450	5	0.02	20	60	12	<5	<20	27	<0.01	<10	21	<10	<1	122
156	128915	0.3	0.32	10	65	<5	0.70	<1	19	105	806	4.33	<10	1.42	391	3	0.02	14	80	6	<5	<20	30	<0.01	<10	9	<10	<1	80
157	128916	0.5	0.34	<5	50	<5	1.74	<1	14	121	1221	3.39	<10	1.45	616	4	0.03	15	120	12	<5	<20	71	<0.01	<10	7	<10	<1	47
158	128917	1.0	0.23	<5	40	<5	1.62	1	9	134	1017	2.54	<10	1.15	494	2	0.02	13	10	14	<5	<20	52	<0.01	<10	4	<10	<1	37
159	128918	1.0	0.46	15	65	<5	2.25	1	17	89	1217	5.18	<10	2.09	874	5	0.03	12	40	14	<5	<20	72	<0.01	<10	12	<10	<1	140
160	128919	0.6	0.24	10	50	<5	0.63	2	11	108	1354	3.03	<10	0.95	339	3	0.02	14	20	10	<5	<20	16	<0.01	<10	5	<10	<1	312
161	128920	0.6	1.07	15	70	<5	0.39	<1	16	94	1198	4.68	<10	1.48	506	5	0.03	24	200	28	<5	<20	17	<0.01	<10	15	<10	<1	157
162	128921	1.6	1.19	10	55	<5	0.63	2	17	75	1858	4.58	<10	1.64	565	4	0.02	15	90	22	<5	<20	17	<0.01	<10	20	<10	<1	337
163	128922	0.6	0.37	15	40	<5	0.66	<1	6	112	369	2.44	<10	0.93	539	3	0.02	13	80	16	<5	<20	12	<0.01	<10	6	<10	<1	133
164	128923	0.5	0.79	25	50	<5	0.38	<1	9	118	960	3.55	<10	1.35	484	3	0.02	16	50	20	<5	<20	15	<0.01	<10	9	<10	<1	131
165	128924	<0.2	1.01	<5	55	<5	0.93	<1	10	93	75	3.27	10	0.86	392	2	0.02	13	460	14	<5	<20	24	<0.01	<10	7	<10	<1	54
166	128925	<0.2	1.21	<5	65	<5	0.60	<1	11	77	112	3.72	10	0.91	276	3	0.02	22	410	16	<5	<20	17	<0.01	<10	8	<10	<1	48
167	128926	<0.2	1.12	5	50	<5	0.67	<1	11	104	51	3.14	10	0.93	351	2	0.02	17	190	12	<5	<20	20	<0.01	<10	8	<10	<1	41
168	128927	<0.2	1.60	5	85	<5	0.83	<1	17	105	183	4.44	10	1.35	348	3	0.02	24	420	20	<5	<20	25	<0.01	<10	28	<10	<1	39
169	128928	<0.2	0.39	20	45	<5	2.19	<1	17	85	1292	5.11	<10	1.77	854	7	0.02	12	110	14	<5	<20	56	<0.01	<10	12	<10	<1	171
170	128929	<0.2	2.99	10	65	<5	3.28	<1	36	106	306	8.27	10	3.24	1089	7	0.03	37	1380	24	<5	<20	100	<0.01	<10	99	<10	<1	50
171	128930	<0.2	1.79	5	55	<5	0.83	<1	15	63	90	4.63	20	1.52	437	3	0.02	29	450	20	<5	<20	29	<0.01	<10	15	<10	<1	40
172	128931	<0.2	1.81	<5	70	<5	0.35	<1	16	76	162	5.19	20	1.26	271	4	0.02	32	420	18	<5	<20	15	<0.01	<10	13	<10	<1	41
173	128932	0.2	1.36	15	65	<5	0.90	<1	15	57	592	4.37	10	1.55	360	3	0.02	26	400	18	<5	<20	36	<0.01	<10	11	<10	<1	33
174	128933	0.4	1.53	10	50	<5	1.65	<1	15	91	924	4.05	10	2.01	358	3	0.02	18	120	18	<5	<20	52	<0.01	<10	17	<10	<1	35
175	128934	1.1	0.87	10	40	<5	2.45	<1	19	64	2451	3.45	<10	1.75	344	3	0.02	7	<10	6	<5	<20	74	<0.01	<10	14	<10	<1	50
176	128935	0.7	0.90	10	35	<5	2.08	<1	19	68	2229	3.19	<10	1.54	261	8	0.02	12	210	8	<5	<20	53	<0.01	<10	14	<10	<1	41
177	128936	0.4	0.60	10	25	<5	1.89	<1	10	97	1030	2.32	<10	1.09	254	12	0.02	10	90	8	<5	<20	45	<0.01	<10	8	<10	3	29
178	128937	0.6	3.09	10	30	<5	4.35	<1	33	275	3798	6.28	<10	3.06	627	24	0.02	70	630	26	<5	<20	99	<0.01	<10	105	<10	<1	48
179	128938	0.3	2.46	5	55	<5	3.27	<1	27	152	2164	6.18	<10	2.96	581	11	0.02	51	1100	26	<5	<20	92	<0.01	<10	71	<10	<1	55
180	128939	0.2	1.70	5	55	<5	2.06	<1	14	102	736	3.81	<10	2.11	463	21	0.05	30	700	22	<5	<20	61	<0.01	<10	36	<10	1	66
181	128940	<0.2	1.21	5	40	<5	1.51	<1	13	105	639	2.47	<10	1.47	310	15	0.05	15	450	14	<5	<20	40	<0.01	<10	20	<10	3	51
182	128940A	<0.2	0.63	<5	40	<5	0.52	<1	4	43	6	1.75	50	0.27	387	<1	0.08	3	350	22	<5	<20	14	0.11	<10	16	<10	30	32
183	128941	0.3	2.50	10	45	<5	2.35	<1	17	110	1563	4.60	<10	2.95	532	22	0.04	30	800	26	5	<20	54	<0.01	<10	60	<10	<1	132
184	128942	0.3	1.76	<5	45	<5	1.86	<1	12	88	1192	3.56	<10	2.35	428	5	0.05	21	300	24	<5	<20	45	<0.01	<10	31	<10	<1	99
185	128943	0.2	0.98	5	70	<5	1.55	<1	9	103	942	2.19	<10	1.46	318	4	0.06	9	230	20	5	<20	46	<0.01	<10	16	<10	2	55
186	128944	0.8	1.33	5	35	<5	1.01	<1	13	69	2151	3.11	<10	1.63	327	8	0.05	6	20	14	<5	<20	24	<0.01	<10	20	<10	<1	80
187	128945	0.7	1.12	10	35	<5	2.97	<1	11	136	1733	3.07	<10	2.29	734	6	0.04	11	100	26	10	<20	82	<0.01	<10	23	<10	3	83
188	128946	0.8	1.15	10	45	<5	1.69	<1	11	59	2033	2.70	<10	1.72	497	5	0.05	7	120	20	5	<20	40	<0.01	<10	17	<10	2	68
189	128947	0.7	1.36	15	40	<5	1.11	<1	11	104	1757	2.91	<10	1.72	482	3	0.04	7	80	22	<5	<20	31	<0.01	<10	20	<10	<1	87
190	128948	0.7	1.54	10	50	<5	1.44	<1	19	78	1956	4.62	<10	2.26	472	7	0.03	16	310	22	<5	<20	49	<0.01	<10	30	<10	<1	108

ECO TECH LABORATORY LTD. **ICP CERTIFICATE OF ANALYSIS AK 2006-018** **CME Managing Consultants Inc.**

Et #.	Tag #	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
191	128949	0.8	1.17	10	45	<5	1.14	<1	12	74	2128	2.96	<10	1.78	389	4	0.03	5	60	18	5	<20	42	<0.01	<10	16	<10	<1	97
192	128950	1.2	1.14	15	40	<5	1.37	<1	12	73	2619	3.47	<10	2.22	472	3	0.03	4	80	16	5	<20	57	<0.01	<10	15	<10	<1	108
193	128951	1.0	1.58	10	45	<5	1.66	<1	14	143	2631	3.66	<10	2.55	692	5	0.04	12	150	18	<5	<20	34	<0.01	<10	25	<10	<1	120
194	128951A	0.5	0.95	5	60	<5	3.32	<1	22	414	3032	7.47	<10	1.28	824	12	0.07	313	840	16	<5	<20	172	<0.01	<10	74	<10	3	108
195	128952	1.2	0.75	5	25	<5	1.20	<1	13	65	3078	3.16	<10	2.12	467	9	0.04	12	90	12	<5	<20	27	<0.01	<10	17	<10	<1	100
196	128953	1.4	1.23	10	25	<5	1.54	<1	13	98	3434	3.48	<10	2.33	569	8	0.03	14	250	18	10	<20	27	<0.01	<10	28	<10	<1	139
197	128954	0.9	0.93	10	25	<5	2.44	<1	14	60	2974	2.85	<10	1.96	607	4	0.05	7	<10	14	<5	<20	49	<0.01	<10	15	<10	<1	104
198	128955	0.4	0.85	5	25	<5	1.69	<1	8	88	1680	1.80	<10	1.50	273	7	0.05	11	50	16	<5	<20	26	<0.01	<10	10	<10	2	90
199	128956	0.2	0.53	<5	25	<5	1.54	<1	6	77	911	1.27	<10	1.06	259	5	0.05	9	150	10	<5	<20	26	<0.01	<10	6	<10	1	48
200	128957	0.2	0.78	<5	25	<5	1.12	<1	3	100	1027	1.30	<10	1.22	200	6	0.04	14	230	18	5	<20	21	<0.01	<10	10	<10	2	77
201	128958	0.5	1.17	10	25	<5	1.28	<1	8	96	1477	1.96	<10	1.72	333	20	0.03	15	330	28	<5	<20	21	<0.01	<10	21	<10	2	108
202	128959	1.3	1.82	20	30	<5	1.62	<1	18	119	4598	3.32	<10	2.68	467	19	0.02	29	120	26	<5	<20	27	<0.01	<10	29	<10	<1	163
203	128960	1.3	1.40	5	30	<5	1.27	<1	14	86	4538	3.14	<10	2.30	405	19	0.03	25	150	22	<5	<20	33	<0.01	<10	22	<10	<1	153
204	128961	0.8	0.81	15	25	<5	1.43	<1	6	102	2071	1.72	<10	1.69	416	30	0.03	11	80	24	10	<20	41	<0.01	<10	10	<10	<1	145
205	128962	1.2	0.86	5	30	<5	1.04	<1	9	64	2881	2.19	<10	1.42	322	17	0.04	14	150	12	<5	<20	30	<0.01	<10	13	<10	<1	87
206	128963	0.9	0.53	20	30	<5	0.70	<1	9	142	2141	2.57	<10	1.27	375	8	0.02	15	<10	6	<5	<20	21	<0.01	<10	10	<10	<1	136
207	128964	1.1	1.18	10	30	<5	0.98	<1	7	92	2132	2.65	<10	1.82	411	12	0.03	18	310	14	<5	<20	27	<0.01	<10	18	<10	<1	93
208	128965	1.6	1.93	10	45	<5	1.19	<1	14	116	4047	3.72	<10	2.96	932	25	0.02	29	630	20	<5	<20	37	<0.01	<10	47	<10	<1	120
209	128966	2.8	2.11	15	70	<5	1.67	<1	22	85	6678	5.97	<10	3.57	1087	30	0.02	34	820	22	<5	<20	51	0.02	<10	72	<10	<1	150
210	128967	2.3	1.34	<5	55	<5	2.38	<1	14	87	5643	3.92	<10	2.52	563	44	0.03	22	780	66	<5	<20	65	<0.01	<10	34	<10	<1	147
211	128968	1.0	1.36	<5	35	<5	1.39	<1	8	80	3018	3.27	<10	1.97	406	30	0.03	17	370	20	<5	<20	43	<0.01	<10	18	<10	<1	173
212	128969	0.9	1.18	<5	30	<5	0.88	<1	6	84	2653	2.04	<10	1.48	291	47	0.03	16	160	22	5	<20	23	<0.01	<10	14	<10	<1	106
213	128970	1.4	2.58	<5	40	<5	1.80	<1	17	84	4804	4.35	<10	3.09	505	30	0.02	28	1060	34	<5	<20	38	<0.01	<10	42	<10	<1	138
214	128971	1.6	3.13	15	45	<5	2.08	<1	26	93	6320	6.31	<10	3.41	554	10	0.02	30	2010	32	<5	<20	39	<0.01	<10	65	<10	4	191
215	128972	1.0	3.32	<5	40	<5	2.21	<1	21	106	4152	5.29	10	4.05	627	22	0.03	33	1070	40	<5	<20	41	<0.01	<10	58	<10	<1	126
216	128973	0.9	2.01	10	45	<5	1.01	<1	10	93	3030	3.19	<10	2.32	339	20	0.02	21	190	24	5	<20	20	<0.01	<10	21	<10	<1	94
217	128974	0.6	1.55	20	60	<5	1.26	<1	9	106	2011	2.73	10	1.94	435	13	0.02	24	510	22	<5	<20	28	<0.01	<10	12	<10	1	75
218	128975	0.7	1.06	10	40	<5	0.26	<1	6	78	1741	1.64	<10	1.06	130	11	0.02	17	170	18	<5	<20	7	<0.01	<10	7	<10	<1	46
219	128976	0.5	0.83	10	50	<5	0.58	<1	4	80	1482	1.25	10	0.82	117	12	0.02	16	1270	24	<5	<20	13	<0.01	<10	6	<10	4	33
220	128977	0.6	0.65	<5	60	<5	0.63	<1	4	99	1684	1.20	<10	0.83	200	13	0.03	13	80	58	<5	<20	14	<0.01	<10	6	<10	<1	20
221	128978	0.7	2.58	15	35	<5	2.40	<1	22	81	3034	4.82	<10	3.45	667	15	0.02	27	1480	30	<5	<20	53	<0.01	<10	43	<10	<1	86
222	128979	1.1	3.44	20	85	<5	1.30	<1	32	72	4223	6.82	<10	3.75	495	14	0.02	29	1420	28	<5	<20	38	<0.01	<10	77	<10	<1	122
223	128980	0.6	1.65	5	90	<5	0.56	<1	16	59	2050	2.57	10	1.77	211	8	0.03	26	260	18	<5	<20	19	<0.01	<10	15	<10	<1	54
224	128980A	0.4	0.97	5	65	<5	3.23	<1	20	403	3134	7.22	10	1.27	792	12	0.07	297	740	12	<5	<20	175	<0.01	<10	73	<10	<1	101
225	128981	0.6	1.30	<5	40	<5	0.53	<1	13	64	1891	2.07	10	1.37	180	85	0.02	26	290	24	<5	<20	18	<0.01	<10	10	<10	<1	48
226	128982	0.3	0.38	10	35	<5	1.14	<1	4	102	872	1.44	<10	0.72	275	5	0.02	14	180	24	<5	<20	28	<0.01	<10	4	<10	<1	23
227	128983	1.1	0.63	25	55	<5	1.05	<1	9	91	951	3.36	<10	1.00	349	4	0.02	20	50	234	<5	<20	34	<0.01	<10	5	<10	<1	40
228	128984	0.5	0.65	<5	45	<5	0.26	<1	6	117	1004	1.84	<10	0.69	233	1	0.02	14	30	12	<5	<20	10	<0.01	<10	5	<10	<1	37
229	128985	0.3	0.97	<5	45	<5	0.61	<1	11	73	861	2.45	10	0.95	282	2	0.02	27	290	14	<5	<20	20	<0.01	<10	8	<10	<1	48
230	128985B	<0.2	0.03	10	<5	<5	>10	<1	1	4	5	0.03	<10	2.60	26	<1	0.01	<1	70	<2	20	<20	5972	<0.01	<10	3	<10	<1	2

ECO TECH LABORATORY LTD. **ICP CERTIFICATE OF ANALYSIS AK 2006-018** **CME Managing Consultants Inc.**

Et #.	Tag #	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
231	128986	0.9	0.83	10	50	<5	1.22	<1	13	73	2554	3.14	10	1.28	495	4	0.02	25	330	10	<5	<20	36	<0.01	<10	7	<10	<1	52
QC DATA:																													
Resplit:																													
1	128764	0.6	2.60	65	50	<5	2.30	<1	33	61	406	7.30	<10	1.73	561	6	0.03	5	200	88	<5	<20	27	<0.01	<10	47	<10	<1	150
36	128800	0.8	0.84	<5	30	<5	1.96	<1	12	81	2344	2.70	<10	1.41	376	2	0.05	5	40	12	<5	<20	29	<0.01	<10	11	<10	<1	51
71	128834	0.2	0.78	10	35	<5	1.07	<1	9	76	773	2.14	<10	1.18	336	3	0.02	13	130	14	5	<20	34	<0.01	<10	6	<10	<1	73
106	128867	<0.2	0.61	<5	35	<5	2.76	<1	14	47	883	3.05	<10	2.02	417	10	0.03	23	300	10	<5	<20	67	<0.01	<10	13	<10	<1	43
141	128901	0.6	0.66	10	65	<5	0.87	<1	10	124	2018	3.41	<10	0.97	276	5	0.02	14	<10	12	<5	<20	27	<0.01	<10	6	<10	<1	56
176	128935	0.8	0.85	10	40	<5	2.21	<1	16	46	2175	3.05	<10	1.58	267	7	0.03	10	40	6	<5	<20	59	<0.01	<10	13	<10	<1	40
211	128968	0.8	1.23	10	40	<5	1.65	<1	7	82	2942	3.12	<10	1.93	465	37	0.03	16	400	22	<5	<20	49	<0.01	<10	15	<10	<1	154
Repeat:																													
1	128764	0.6	2.47	55	45	<5	2.33	<1	20	43	261	6.42	<10	1.65	550	5	0.03	3	230	86	<5	<20	27	<0.01	<10	44	<10	<1	138
10	128773	0.2	1.57	20	55	<5	0.52	<1	14	74	200	4.54	<10	1.00	295	3	0.02	21	180	24	<5	<20	14	<0.01	<10	12	<10	<1	50
19	128782	0.2	3.41	5	50	<5	4.36	<1	39	131	1310	7.88	20	3.09	670	10	0.02	40	1260	28	<5	<20	151	0.02	<10	168	<10	13	57
36	128800	0.8	0.85	5	35	<5	2.17	<1	11	74	2371	2.75	<10	1.54	416	3	0.05	5	<10	10	5	<20	32	<0.01	<10	12	<10	<1	49
45	128808	0.4	0.20	<5	35	<5	1.12	<1	5	106	755	1.23	<10	0.61	192	9	0.03	9	180	10	<5	<20	28	<0.01	<10	4	<10	2	25
54	128817	1.2	2.02	5	30	<5	1.56	<1	17	102	3716	4.00	<10	2.31	535	40	0.03	28	780	30	<5	<20	33	<0.01	<10	35	<10	<1	82
71	128834	0.2	0.78	5	40	<5	0.99	<1	8	113	798	2.01	<10	1.13	306	5	0.02	17	90	12	<5	<20	31	<0.01	<10	6	<10	<1	74
80	128842	<0.2	0.83	5	45	<5	0.59	<1	11	105	219	3.32	<10	1.10	459	4	0.02	21	130	14	<5	<20	21	<0.01	<10	9	<10	<1	97
106	128867	<0.2	0.57	<5	30	<5	2.69	<1	15	46	834	2.98	<10	1.92	408	7	0.03	21	330	8	<5	<20	60	<0.01	<10	12	<10	<1	44
115	128876	1.0	1.66	<5	40	<5	2.32	<1	18	96	3913	4.17	<10	2.72	431	9	0.04	28	310	14	<5	<20	49	<0.01	<10	39	<10	<1	93
124	128885	1.3	0.84	10	35	<5	2.09	<1	14	78	4013	2.75	<10	1.72	398	34	0.05	9	<10	12	<5	<20	49	<0.01	<10	11	<10	<1	60
141	128901	0.7	0.66	30	65	<5	0.76	<1	14	123	1789	3.93	<10	0.88	252	6	0.02	16	<10	12	<5	<20	23	<0.01	<10	6	<10	<1	55
150	128909	0.5	0.86	15	60	<5	0.17	<1	17	58	1167	3.53	10	0.90	272	3	0.02	33	190	14	<5	<20	9	<0.01	<10	9	<10	<1	123
176	128935	0.7	0.93	15	35	<5	2.11	<1	20	68	2198	3.24	<10	1.59	261	8	0.03	12	230	12	<5	<20	55	<0.01	<10	14	<10	<1	41
185	128943	0.2	0.95	5	60	<5	1.52	<1	9	100	922	2.14	<10	1.44	310	4	0.06	10	240	18	<5	<20	45	<0.01	<10	16	<10	3	53
194	128951A	0.5	0.88	10	65	<5	3.20	<1	20	396	3025	7.15	<10	1.20	789	13	0.07	299	790	12	<5	<20	163	<0.01	<10	70	<10	1	104
211	128968	1.0	1.43	5	45	<5	1.42	<1	8	84	3018	3.41	<10	2.05	415	33	0.03	18	410	24	<5	<20	42	<0.01	<10	19	<10	<1	185
220	128977	0.6	0.65	<5	65	<5	0.61	<1	4	98	1689	1.17	10	0.81	188	10	0.03	13	70	56	<5	<20	15	<0.01	<10	5	<10	<1	20
Standard:																													
GEO '05		1.5	1.65	55	155	<5	1.58	<1	18	59	85	4.07	<10	0.90	625	<1	0.03	29	590	22	<5	<20	53	0.10	<10	69	<10	12	75
GEO '05		1.5	1.56	60	145	<5	1.56	<1	18	58	84	4.01	<10	0.85	609	<1	0.02	28	590	20	<5	<20	54	0.09	<10	66	<10	10	77
GEO '05		1.5	1.73	60	160	<5	1.65	<1	18	59	89	4.07	<10	0.94	641	<1	0.03	28	640	22	<5	<20	50	0.10	<10	73	<10	10	76
GEO '05		1.5	1.65	60	160	<5	1.61	<1	19	58	83	4.07	<10	0.93	633	<1	0.02	28	590	26	<5	<20	54	0.11	<10	70	<10	12	73
GEO '05		1.5	1.78	60	165	<5	1.66	<1	18	59	87	4.07	<10	0.98	641	<1	0.03	29	600	26	<5	<20	55	0.10	<10	75	<10	12	73

Et #.	Tag #	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
Standard:																													
GEO '05		1.6	1.77	60	160	<5	1.68	<1	18	56	89	4.08	10	0.99	646	<1	0.03	28	610	24	<5	<20	55	0.10	<10	74	<10	10	73
GEO '05		1.5	1.73	60	165	<5	1.64	<1	18	57	86	4.11	10	0.96	631	<1	0.03	29	610	24	<5	<20	54	0.10	<10	73	<10	10	73

ECO TECH LABORATORY LTD.
Jutta Jealouse
B.C. Certified Assayer

JJ/ga
df/18/18A
XLS/06

Eco Tech Laboratory Ltd.

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ENVIRONMENTAL TESTING

10041 Dallas Drive, Kamloops, BC V2C 6T4
Phone (250) 573-5700 Fax (250) 573-4557
E-mail: info@ecotechlab.com
www.ecotechlab.com

CERTIFICATE OF ASSAY AK 2006-018

CME & COMPANY
#2130-21331 Gordon Way
Richmond, BC
V6W 1J9

18-Jan-06

No. of samples received: 231
Sample type: Core
Project Name: Harper Creek
Project Number: P60
Submitted By: Larry Crittenden

ET #.	Tag #	Cu (%)
15	128778	0.14
18	128781	0.22
19	128782	0.13
20	128783	0.23
21	128784	0.26
22	128785	0.37
23	128786	0.29
24	128787	0.29
25	128788	0.16
26	128789	0.32
29	128791	0.17
30	128792	0.21
31	128793	0.13
34	128798	0.26
35	128799	0.28
36	128800	0.25
37	128801	0.16
38	128801A	0.93
39	128802	0.19
40	128803	0.26
41	128804	0.28
42	128805	0.48
43	128806	0.47
44	128807	0.14
46	128809	0.21

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CME & COMPANY AK6-018 18-Jan-06

ET #.	Tag #	Cu (%)
47	128810	0.19
48	128811	0.34
49	128812	0.37
50	128813	0.36
51	128814	0.54
52	128815	0.74
53	128816	0.35
54	128817	0.38
55	128818	1.01
56	128819	0.70
57	128820	0.71
58	128821	0.73
59	128822	0.75
60	128823	0.61
61	128824	0.87
62	128825	0.93
63	128826	0.40
64	128827	0.26
65	128828	0.11
66	128829	0.26
67	128830	0.54
68	128831	0.93
69	128832	0.43
70	128833	0.10
74	128837	0.13
89	128850A	0.93
98	128859	0.21
99	128860	0.40
100	128861	0.71
101	128862	0.10
102	128863	0.16
105	128866	0.19
107	128868	0.16
109	128870	0.13
110	128871	0.19
111	128872	0.13
112	128873	0.23
113	128874	0.33
114	128875	0.47
115	128876	0.39
116	128877	0.11
117	128878	0.17
118	128879	0.28

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CME & COMPANY AK6-018 18-Jan-06

ET #.	Tag #	Cu (%)
119	128880	0.63
120	128881	0.54
121	128882	0.51
122	128883	0.40
123	128884	0.35
124	128885	0.39
125	128886	0.41
126	128887	0.57
127	128888	1.00
128	128889	0.81
129	128890	0.60
131	128891	0.47
132	128892	0.43
133	128893	0.26
134	128894	0.32
135	128895	0.43
136	128896	0.35
137	128897	0.36
138	128898	0.66
139	128899	0.83
140	128900	0.63
141	128901	0.18
142	128901A	0.32
144	128903	0.16
145	128904	0.12
146	128905	0.18
148	128907	0.15
149	128908	0.10
150	128909	0.12
154	128913	0.15
155	128914	0.13
157	128916	0.10
158	128917	0.10
159	128918	0.13
160	128919	0.12
161	128920	0.12
162	128921	0.19
169	128928	0.14

ECO TECH LABORATORY LTD.
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CME & COMPANY AK6-018 18-Jan-06

ET #.	Tag #	Cu (%)
175	128934	0.24
176	128935	0.23
177	128936	0.11
178	128937	0.37
179	128938	0.23
183	128941	0.16
184	128942	0.12
186	128944	0.21
187	128945	0.18
188	128946	0.20
189	128947	0.18
190	128948	0.19
191	128949	0.22
192	128950	0.26
193	128951	0.26
194	128951A	0.31
195	128952	0.30
196	128953	0.35
197	128954	0.29
198	128955	0.17
200	128957	0.10
201	128958	0.15
202	128959	0.45
203	128960	0.46
204	128961	0.21
205	128962	0.28
206	128963	0.22
207	128964	0.22
208	128965	0.41
209	128966	0.67
210	128967	0.57
211	128968	0.30
212	128969	0.27
213	128970	0.49
214	128971	0.64
215	128972	0.42
216	128973	0.30
217	128974	0.20
218	128975	0.18
219	128976	0.15

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CME & COMPANY AK6-018 18-Jan-06

ET #.	Tag #	Cu (%)
220	128977	0.17
221	128978	0.30
222	128979	0.44
223	128980	0.22
224	128980A	0.32
225	128981	0.19
228	128984	0.11
231	128986	0.26

QC DATA:

Repeat:

15	128778	0.14
26	128789	0.32
38	128801A	0.92
47	128810	0.19
55	128818	0.97
64	128827	0.26
89	128850A	0.95
111	128872	0.11
125	128886	0.42
135	128895	0.41
144	128903	0.16
161	128920	0.12
178	128937	0.37
187	128945	0.18
195	128952	0.30
204	128961	0.21
213	128970	0.50

Standard:

CU106	1.44
CU106	1.41
CU106	1.43
CU106	1.42

JJ/kk
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Jutta Jealouse
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CERTIFICATE OF ANALYSIS AK 2006-018

CME Managing Consultants Inc.
#2130-21331 Gordon Way
Richmond, BC
V6W 1J9

18-Jan-06

No. of samples received: 231
Sample type: Core
Project Name: Harper Creek
Project Number: P60
Submitted By: Larry Crittenden

ET #.	Tag #	Au (ppb)	Pd (ppb)
1	128764	10	<5
2	128765	5	<5
3	128766	10	<5
4	128767	10	<5
5	128768	50	<5
6	128769	10	<5
7	128770	5	<5
8	128771	5	<5
9	128772	10	<5
10	128773	<5	<5
11	128774	<5	<5
12	128775	5	<5
13	128776	<5	<5
14	128777	<5	<5
15	128778	10	<5
16	128779	10	<5
17	128780	<5	<5
18	128781	5	<5
19	128782	5	<5
20	128783	10	<5
21	128784	25	<5
22	128785	15	<5
23	128786	10	<5
24	128787	10	<5
25	128788	15	<5
26	128789	30	<5
27	128790	5	<5
28	128790B	<5	<5

CME Managing Consultants Inc. AK5-18 18-Jan-06

ET #.	Tag #	Au (ppb)	Pd (ppb)
29	128791	15	<5
30	128792	10	<5
31	128793	10	<5
32	128796	10	<5
33	128797	<5	<5
34	128798	15	<5
35	128799	35	<5
36	128800	25	<5
37	128801	20	<5
38	128801A	>1000	<5
39	128802	30	<5
40	128803	50	<5
41	128804	55	<5
42	128805	85	<5
43	128806	60	<5
44	128807	20	<5
45	128808	15	<5
46	128809	15	<5
47	128810	20	<5
48	128811	10	<5
49	128812	55	<5
50	128813	50	<5
51	128814	80	<5
52	128815	115	<5
53	128816	60	<5
54	128817	60	<5
55	128818	145	<5
56	128819	190	<5
57	128820	110	<5
58	128821	80	<5
59	128822	75	<5
60	128823	65	<5
61	128824	95	<5
62	128825	65	<5
63	128826	40	<5
64	128827	25	<5
65	128828	15	<5
66	128829	15	<5
67	128830	20	<5
68	128831	40	<5

CME Managing Consultants Inc. AK5-18 18-Jan-06

ET #.	Tag #	Au (ppb)	Pd (ppb)
69	128832	15	<5
70	128833	10	<5
71	128834	5	<5
72	128835	5	<5
73	128836	5	<5
74	128837	5	<5
75	128838	5	<5
76	128839	10	<5
77	128840	5	<5
78	128840A	<5	<5
79	128841	<5	<5
80	128842	5	<5
81	128843	<5	<5
82	128844	<5	<5
83	128845	15	<5
84	128846	5	<5
85	128847	<5	<5
86	128848	100	<5
87	128849	<5	<5
88	128850	<5	<5
89	128850A	>1000	<5
90	128851	5	<5
91	128852	5	<5
92	128853	5	<5
93	128854	5	<5
94	128855	<5	<5
95	128856	5	<5
96	128857	5	<5
97	128858	5	<5
98	128859	60	<5
99	128860	30	<5
100	128861	50	<5
101	128862	10	<5
102	128863	5	<5
103	128864	5	<5
104	128865	10	<5
105	128866	15	<5
106	128867	10	<5
107	128868	15	<5

CME Managing Consultants Inc. AK5-18 18-Jan-06

ET #.	Tag #	Au (ppb)	Pd (ppb)
108	128869	10	<5
109	128870	10	<5
110	128871	15	<5
111	128872	10	<5
112	128873	10	<5
113	128874	35	<5
114	128875	65	<5
115	128876	60	<5
116	128877	15	<5
117	128878	20	<5
118	128879	20	<5
119	128880	65	<5
120	128881	60	<5
121	128882	65	<5
122	128883	40	<5
123	128884	40	<5
124	128885	55	<5
125	128886	70	<5
126	128887	60	<5
127	128888	135	<5
128	128889	85	<5
129	128890	110	<5
130	128890B	5	<5
131	128891	90	<5
132	128892	60	<5
133	128893	75	<5
134	128894	55	<5
135	128895	40	<5
136	128896	35	<5
137	128897	30	<5
138	128898	35	<5
139	128899	30	<5
140	128900	25	<5
141	128901	20	<5
142	128901A	270	<5
143	128902	5	<5
144	128903	10	<5
145	128904	10	<5
146	128905	5	<5

CME Managing Consultants Inc. AK5-18 18-Jan-06

ET #.	Tag #	Au (ppb)	Pd (ppb)
147	128906	5	<5
148	128907	<5	<5
149	128908	5	<5
150	128909	10	<5
151	128910	5	<5
152	128911	5	<5
153	128912	5	<5
154	128913	10	<5
155	128914	15	<5
156	128915	10	5
157	128916	10	<5
158	128917	10	<5
159	128918	25	<5
160	128919	20	5
161	128920	10	<5
162	128921	10	<5
163	128922	10	<5
164	128923	15	<5
165	128924	<5	<5
166	128925	<5	<5
167	128926	<5	<5
168	128927	<5	<5
169	128928	5	<5
170	128929	<5	<5
171	128930	<5	<5
172	128931	<5	<5
173	128932	5	<5
174	128933	5	<5
175	128934	20	<5
176	128935	25	<5
177	128936	15	<5
178	128937	40	<5
179	128938	25	<5
180	128939	30	<5
181	128940	5	<5
182	128940A	<5	<5
183	128941	10	<5
184	128942	10	<5
185	128943	10	<5

CME Managing Consultants Inc. AK5-18 18-Jan-06

ET #.	Tag #	Au (ppb)	Pd (ppb)
186	128944	30	5
187	128945	15	5
188	128946	35	<5
189	128947	25	<5
190	128948	30	<5
191	128949	15	<5
192	128950	25	<5
193	128951	20	<5
194	128951A	270	<5
195	128952	35	<5
196	128953	35	<5
197	128954	50	<5
198	128955	25	<5
199	128956	15	<5
200	128957	10	<5
201	128958	20	<5
202	128959	45	<5
203	128960	40	<5
204	128961	20	<5
205	128962	35	<5
206	128963	45	<5
207	128964	95	<5
208	128965	40	<5
209	128966	65	<5
210	128967	100	<5
211	128968	40	<5
212	128969	45	<5
213	128970	70	<5
214	128971	85	<5
215	128972	45	<5
216	128973	20	<5
217	128974	20	<5
218	128975	15	<5
219	128976	10	<5
220	128977	10	<5
221	128978	20	<5
222	128979	30	<5
223	128980	15	<5
224	128980A	260	<5
225	128981	15	<5

CME Managing Consultants Inc. AK5-18 18-Jan-06

ET #.	Tag #	Au (ppb)	Pd (ppb)
226	128982	10	<5
227	128983	15	<5
228	128984	5	<5
229	128985	5	<5
230	128985B	5	<5
231	128986	10	<5
QC DATA:			
Resplit:			
1	128764	10	<5
36	128800	30	<5
71	128834	5	<5
106	128867	10	<5
141	128901	15	<5
176	128935	20	<5
211	128968	40	<5
Repeat:			
1	128764	10	<5
10	128773	5	<5
19	128782	5	<5
36	128800	20	<5
42	128805	95	
45	128808	20	<5
51	128814	80	
54	128817	70	<5
55	128818	155	
56	128819	190	
57	128820	105	
71	128834	<5	<5
80	128842	<5	<5
89	128850A	>1000	<5
106	128867	10	<5
115	128876	50	<5
124	128885	50	<5
127	128888	145	
141	128901	15	<5
150	128909	10	<5
159	128918	20	<5
176	128935	25	<5
185	128943	15	<5
194	128951A	280	<5
210	128967	85	
211	128968	45	<5
214	128971	85	
220	128977	10	<5

CME Managing Consultants Inc. AK5-18 18-Jan-06

ET #.	Tag #	Au (ppb)	Pd (ppb)
Standard:			
PG114		445	360
PG114		445	370
PG114		450	375
PG114		445	370
PG114		445	375
PG114		445	380
PG114		450	380

ECO TECH LABORATORY LTD.
Jutta Jealouse
B.C. Certified Assayer

JJ/kk
XLS/06

ECO TECH LABORATORY LTD.
10041 Dallas Drive
KAMLOOPS, B.C.
V2C 6T4

Phone: 250-573-5700
Fax : 250-573-4557

ICP CERTIFICATE OF ANALYSIS AK 2006-30

CME & COMPANY
#2130-21331 Gordon Way
Richmond, BC
V6W 1J9

No. of samples received: 119
Sample type: Core
Project Name: Harper Creek Compilation
Project Number: P60
Submitted By:Larry Crittenden

Values in ppm unless otherwise reported

Et #.	Tag #	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
1	128987	0.2	0.31	10	30	<5	1.48	<1	7	79	160	1.90	<10	0.57	484	2	0.02	10	150	48	<5	<20	36	<0.01	<10	5	<10	<1	47
2	128988	0.2	0.30	<5	50	5	1.35	<1	8	79	19	2.72	<10	0.70	619	2	0.02	14	200	96	<5	<20	48	<0.01	<10	6	<10	<1	72
3	128989	<0.2	0.32	<5	45	<5	0.93	<1	8	136	68	2.06	<10	0.49	373	3	0.02	16	240	8	<5	<20	34	<0.01	<10	5	<10	2	53
4	128990	<0.2	0.20	10	30	<5	1.59	<1	5	80	24	1.69	<10	0.50	601	1	0.01	9	160	66	<5	<20	45	<0.01	<10	3	<10	<1	50
5	128990A	<0.2	0.03	10	<5	<5	>10	<1	1	5	<1	0.05	<10	2.16	28	<1	0.01	<1	50	<2	20	<20	6042	<0.01	<10	2	<10	<1	2
6	128991	<0.2	0.26	15	55	5	1.80	<1	13	67	37	3.36	<10	0.92	768	2	0.02	25	280	28	<5	<20	59	<0.01	<10	4	<10	<1	63
7	128992	<0.2	0.31	10	45	<5	1.90	<1	10	68	83	2.82	<10	0.63	612	2	0.03	17	160	12	<5	<20	47	<0.01	<10	4	<10	<1	45
8	128993	<0.2	0.32	<5	55	<5	1.26	<1	17	117	41	4.43	<10	0.90	837	4	0.02	29	210	8	<5	<20	37	<0.01	<10	8	<10	<1	78
9	128994	<0.2	0.33	10	60	10	1.37	<1	21	51	29	4.32	<10	0.88	991	4	0.02	27	220	8	<5	<20	49	<0.01	<10	9	<10	<1	42
10	128995	<0.2	0.29	170	50	<5	1.43	<1	15	87	16	4.15	<10	0.97	837	5	0.02	24	180	6	<5	<20	70	<0.01	<10	8	<10	<1	60
11	128996	<0.2	0.53	25	40	<5	1.08	<1	13	67	22	3.23	<10	0.75	913	3	0.02	19	190	8	<5	<20	45	<0.01	<10	6	<10	<1	52
12	128997	<0.2	0.54	<5	60	5	0.68	<1	18	76	22	3.55	<10	0.59	754	3	0.02	24	310	6	<5	<20	33	<0.01	<10	8	<10	<1	51
13	128998	<0.2	0.58	5	40	<5	1.21	<1	13	65	161	3.15	<10	0.77	910	3	0.02	19	220	30	<5	<20	46	<0.01	<10	7	<10	<1	68
14	128999	0.2	1.04	10	45	<5	0.88	<1	18	70	59	4.49	<10	0.95	672	4	0.02	26	450	98	<5	<20	32	<0.01	<10	9	<10	<1	115
15	129000	<0.2	0.78	<5	65	<5	0.98	<1	19	71	44	4.33	<10	0.87	616	2	0.02	29	330	16	<5	<20	35	<0.01	<10	10	<10	<1	85
16	12900A	0.5	0.91	15	60	<5	3.31	<1	21	395	3171	7.37	<10	1.23	822	12	0.07	297	800	10	<5	<20	158	<0.01	<10	72	<10	2	108
17	34251	<0.2	3.02	110	45	15	8.06	<1	49	227	87	8.45	<10	4.35	1546	6	0.02	135	500	46	<5	<20	280	<0.01	<10	149	<10	<1	100
18	34252	0.2	2.71	75	35	10	4.98	<1	34	170	58	6.55	<10	3.00	1336	5	0.02	83	580	106	<5	<20	147	<0.01	<10	114	<10	<1	129
19	34253	0.4	1.81	360	50	<5	1.07	<1	22	70	63	5.09	20	0.95	1039	5	0.01	39	410	134	<5	<20	43	<0.01	<10	15	<10	<1	118
20	34254	0.2	1.96	75	55	<5	0.27	<1	20	57	42	5.60	30	0.86	809	4	0.01	34	430	60	<5	<20	13	<0.01	<10	17	<10	<1	124
21	34255	<0.2	1.60	30	50	<5	0.19	<1	18	69	48	4.57	20	0.72	664	4	0.01	32	470	32	<5	<20	8	<0.01	<10	13	<10	<1	101
22	34256	<0.2	1.49	185	45	<5	0.54	<1	15	73	68	4.24	20	0.72	659	3	0.02	25	300	20	<5	<20	20	<0.01	<10	13	<10	<1	91
23	34257	<0.2	1.77	55	55	<5	0.63	<1	19	83	49	5.16	20	0.98	794	6	0.02	32	290	48	<5	<20	24	<0.01	<10	18	<10	<1	141
24	34258	<0.2	1.32	5	55	<5	1.03	<1	15	65	24	3.78	20	0.79	879	3	0.02	26	300	22	<5	<20	36	<0.01	<10	12	<10	<1	76
25	34259	<0.2	1.11	10	50	<5	0.92	<1	14	87	111	3.16	20	0.69	738	3	0.02	22	310	20	<5	<20	30	<0.01	<10	10	<10	3	53
26	34260	0.2	1.10	<5	60	<5	0.62	<1	13	64	25	3.34	30	0.68	743	2	0.02	23	250	24	<5	<20	23	<0.01	<10	10	<10	2	57
27	34261	<0.2	1.27	15	65	<5	0.56	<1	26	60	18	3.79	20	0.83	656	3	0.01	32	290	12	<5	<20	22	<0.01	<10	10	<10	1	68
28	34262	<0.2	1.42	15	55	5	0.67	<1	22	58	24	4.09	10	0.92	709	3	0.01	29	280	24	<5	<20	25	<0.01	<10	11	<10	<1	71
29	34263	0.2	1.23	10	45	<5	0.97	<1	13	88	29	3.37	20	0.80	595	4	0.02	24	470	34	<5	<20	29	<0.01	<10	9	<10	1	62
30	34264	<0.2	0.94	5	45	5	0.60	<1	13	56	27	3.61	<10	0.69	414	2	0.02	24	210	12	<5	<20	18	<0.01	<10	7	<10	<1	70

ECO TECH LABORATORY LTD. ICP CERTIFICATE OF ANALYSIS AK 2006-30 CME & COMPANY

Et #.	Tag #	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
31	34265	<0.2	0.70	50	40	<5	1.08	<1	10	85	30	3.07	<10	0.68	467	4	0.02	22	280	28	<5	<20	29	<0.01	<10	6	<10	<1	112
32	34266	0.3	0.42	30	50	<5	0.98	<1	9	46	67	2.52	<10	0.47	336	1	0.02	15	230	32	<5	<20	27	<0.01	<10	4	<10	<1	34
33	34267	0.3	0.44	5	50	<5	0.92	<1	10	103	73	2.38	<10	0.57	310	4	0.02	18	190	30	<5	<20	27	<0.01	<10	4	<10	<1	57
34	34268	<0.2	0.52	5	45	<5	0.74	<1	10	50	30	2.57	<10	0.62	238	2	0.02	19	190	10	<5	<20	22	<0.01	<10	5	<10	<1	45
35	34269	<0.2	0.47	15	45	<5	0.86	<1	7	109	35	2.45	<10	0.57	278	3	0.03	17	280	8	<5	<20	23	<0.01	<10	5	<10	<1	35
36	34270	<0.2	0.83	205	40	<5	0.44	<1	17	101	57	2.95	<10	0.64	203	2	0.02	29	240	22	<5	<20	13	<0.01	<10	7	<10	<1	94
37	34271	0.3	0.66	15	40	<5	0.84	<1	10	111	206	2.42	<10	0.69	342	1	0.02	20	150	20	<5	<20	21	<0.01	<10	6	<10	<1	67
38	34272	0.3	0.62	60	30	<5	0.99	<1	6	96	88	2.30	<10	0.76	303	1	0.02	15	290	26	<5	<20	23	<0.01	<10	5	<10	<1	61
39	34273	0.4	1.14	35	40	<5	1.64	2	8	61	320	3.56	<10	1.57	582	4	0.02	14	230	40	<5	<20	39	<0.01	<10	15	<10	<1	234
40	34274	<0.2	0.63	20	30	<5	1.74	<1	7	81	113	2.39	<10	1.04	387	3	0.04	18	310	10	<5	<20	46	<0.01	<10	8	<10	<1	53
41	34275	0.4	0.52	30	30	<5	1.87	1	6	91	128	2.08	<10	0.97	358	2	0.04	15	170	144	<5	<20	40	<0.01	<10	6	<10	<1	197
42	34276	0.9	1.03	30	35	<5	1.63	3	17	75	287	3.52	<10	1.13	444	3	0.03	10	160	286	<5	<20	23	<0.01	<10	13	<10	<1	558
43	34277	2.7	1.85	175	50	<5	2.10	22	23	50	345	6.80	<10	1.42	548	3	0.03	5	190	858	<5	<20	28	<0.01	<10	26	<10	<1	3166
44	34278	0.6	2.16	80	60	<5	1.98	5	27	53	399	8.23	<10	1.58	549	6	0.03	6	180	92	<5	<20	38	<0.01	<10	35	<10	<1	692
45	34279	0.4	1.41	105	40	<5	3.04	2	18	49	246	5.79	<10	1.44	572	4	0.05	5	180	40	<5	<20	26	<0.01	<10	24	<10	<1	249
46	34280	0.3	2.20	35	55	<5	3.99	<1	27	124	406	6.96	<10	2.82	854	4	0.04	57	590	18	<5	<20	44	<0.01	<10	48	<10	<1	135
47	34281	<0.2	1.86	25	50	<5	3.37	<1	21	93	88	5.84	<10	2.94	715	4	0.06	33	560	22	<5	<20	47	<0.01	<10	66	<10	<1	95
48	34282	<0.2	1.07	105	40	<5	3.19	<1	22	93	56	4.66	<10	2.82	668	3	0.05	85	360	14	<5	<20	70	<0.01	<10	26	<10	<1	79
49	34283	<0.2	0.66	50	60	<5	1.47	<1	15	138	112	3.90	<10	1.93	353	2	0.04	75	290	8	<5	<20	44	<0.01	<10	18	<10	<1	91
50	34284	<0.2	1.04	20	50	<5	2.15	<1	20	79	84	5.46	<10	2.11	545	3	0.04	33	360	16	<5	<20	40	<0.01	<10	24	<10	<1	100
51	34285	0.2	1.81	25	55	<5	1.68	<1	22	78	350	7.11	<10	2.06	470	5	0.03	23	360	22	<5	<20	35	<0.01	<10	33	<10	<1	145
52	34286	<0.2	3.81	10	50	<5	5.76	<1	34	150	231	7.51	<10	3.41	1006	1	0.02	42	1430	24	<5	<20	169	0.06	<10	176	<10	5	60
53	34287	<0.2	3.31	15	45	<5	2.16	<1	41	103	252	7.68	<10	3.02	909	<1	0.02	35	1350	20	<5	<20	36	0.12	<10	104	<10	<1	96
54	34288	<0.2	2.87	15	30	<5	2.51	<1	39	204	121	6.07	<10	2.89	867	<1	0.03	53	1220	18	<5	<20	44	0.14	<10	70	<10	<1	66
55	34289	0.6	1.44	5	30	<5	0.51	<1	6	43	260	1.54	<10	1.94	161	1	0.03	6	300	294	5	<20	9	0.04	<10	29	<10	9	75
56	34290	<0.2	1.61	10	25	<5	0.88	<1	11	42	124	2.27	<10	1.94	194	<1	0.03	4	290	42	<5	<20	14	0.04	<10	37	<10	5	29
57	34290A	<0.2	0.63	5	45	<5	0.44	<1	4	52	4	1.88	40	0.31	396	<1	0.08	1	370	18	<5	<20	13	0.09	<10	17	<10	24	34
58	34291	<0.2	3.13	15	30	<5	4.67	<1	41	320	151	6.55	<10	3.27	1056	<1	0.03	67	1160	16	<5	<20	75	0.11	<10	85	<10	<1	52
59	34292	<0.2	2.30	10	60	<5	2.53	<1	21	113	316	4.71	20	2.02	645	<1	0.03	29	800	14	<5	<20	56	0.06	<10	81	<10	10	33
60	34293	<0.2	4.28	25	50	<5	5.30	<1	37	86	451	9.28	20	3.40	1350	6	0.02	37	1930	20	<5	<20	145	0.02	<10	176	<10	1	60
61	34294	0.4	2.90	35	45	<5	2.98	<1	30	93	1080	6.91	<10	2.21	758	5	0.02	28	710	18	<5	<20	60	<0.01	<10	64	<10	<1	55
62	34295	0.3	1.18	50	30	<5	2.73	<1	17	54	705	4.14	<10	1.42	691	5	0.03	13	320	8	<5	<20	43	<0.01	<10	22	<10	<1	38
63	34296	0.4	1.35	10	35	<5	1.53	<1	20	60	1003	4.32	<10	1.24	350	3	0.02	28	250	10	<5	<20	24	<0.01	<10	17	<10	<1	43
64	34297	0.4	1.10	15	35	<5	2.12	<1	17	66	1006	3.84	<10	1.40	440	13	0.03	18	150	8	<5	<20	32	<0.01	<10	12	<10	<1	38
65	34298	0.7	1.82	30	50	<5	3.11	<1	28	73	1535	6.10	<10	2.25	750	7	0.03	38	730	18	<5	<20	47	<0.01	<10	37	<10	<1	56
66	34299	0.3	1.07	45	45	<5	4.19	<1	32	74	724	7.35	<10	2.96	1142	9	0.03	44	940	8	<5	<20	81	<0.01	<10	41	<10	<1	76
67	34300	0.2	0.22	15	35	<5	2.20	<1	6	62	247	2.28	<10	0.96	581	1	0.03	9	200	14	<5	<20	42	<0.01	<10	4	<10	<1	48
68	34300A	0.5	0.82	15	60	<5	3.38	<1	21	390	3024	7.36	<10	1.28	834	11	0.07	292	750	10	<5	<20	162	<0.01	<10	70	<10	2	104
69	34301	1.2	0.30	15	45	<5	1.93	<1	11	67	1559	3.22	<10	1.07	483	4	0.03	14	40	52	<5	<20	37	<0.01	<10	7	<10	<1	107
70	34302	0.4	1.06	25	40	<5	1.53	<1	25	59	1074	5.30	<10	1.25	399	4	0.03	32	260	12	<5	<20	26	<0.01	<10	11	<10	<1	126

ECO TECH LABORATORY LTD. **ICP CERTIFICATE OF ANALYSIS AK 2006-30** **CME & COMPANY**

Et #.	Tag #	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
71	34303	0.2	0.89	10	40	<5	1.73	<1	11	58	609	3.09	<10	1.21	355	2	0.04	8	130	34	<5	<20	34	<0.01	<10	13	<10	<1	78
72	34304	0.2	0.82	5	40	<5	1.91	<1	12	41	713	3.29	<10	1.23	401	3	0.04	3	140	32	<5	<20	40	<0.01	<10	13	<10	<1	77
73	34305	0.2	0.22	5	35	<5	2.55	<1	8	89	324	2.62	<10	1.04	489	3	0.04	4	100	6	<5	<20	47	<0.01	<10	3	<10	<1	30
74	34306	4.9	0.29	10	40	<5	1.23	3	46	81	7544	6.34	<10	1.09	347	9	0.02	11	<10	<2	<5	<20	35	<0.01	<10	10	<10	<1	188
75	34307	0.7	0.40	10	25	<5	1.51	<1	9	90	1410	3.22	<10	1.06	400	4	0.01	14	520	8	<5	<20	31	<0.01	<10	8	<10	<1	75
76	34308	0.3	0.26	5	30	<5	0.94	<1	6	60	610	1.53	<10	0.70	204	2	0.02	14	120	6	<5	<20	21	<0.01	<10	6	<10	<1	41
77	34309	<0.2	0.65	10	25	<5	1.52	<1	7	78	164	2.08	<10	1.03	246	12	0.03	16	2110	12	<5	<20	37	<0.01	<10	12	<10	6	60
78	34310	<0.2	0.56	15	75	<5	1.94	<1	8	40	285	2.79	<10	1.05	336	3	0.03	1	280	14	<5	<20	42	<0.01	<10	12	<10	<1	52
79	34311	<0.2	0.44	5	15	<5	2.16	<1	5	53	293	1.53	<10	1.04	215	8	0.04	4	290	10	<5	<20	36	<0.01	<10	7	<10	<1	36
80	34312	<0.2	0.94	5	20	<5	2.23	<1	9	28	39	2.69	<10	1.39	370	2	0.03	<1	310	16	<5	<20	32	<0.01	<10	18	<10	<1	74
81	34313	<0.2	1.39	<5	35	<5	2.06	<1	8	55	44	2.98	<10	1.83	319	2	0.04	2	220	12	<5	<20	36	<0.01	<10	18	<10	<1	81
82	34314	<0.2	1.51	5	50	<5	2.02	<1	10	44	112	3.21	<10	1.94	312	2	0.04	<1	220	14	<5	<20	32	<0.01	<10	21	<10	<1	102
83	34315	<0.2	1.33	<5	40	<5	2.08	<1	9	67	19	3.16	<10	1.68	379	3	0.04	<1	230	12	<5	<20	36	<0.01	<10	20	<10	<1	109
84	34316	1.0	1.37	10	35	<5	1.32	<1	12	44	2828	3.18	<10	1.63	371	6	0.03	5	<10	12	<5	<20	19	<0.01	<10	16	<10	<1	102
85	34317	1.4	1.71	5	40	<5	1.77	<1	17	63	4494	4.18	<10	2.02	407	11	0.03	11	180	12	<5	<20	25	<0.01	<10	30	<10	<1	100
86	34318	1.8	1.90	5	40	<5	2.93	<1	27	94	5737	5.55	<10	2.81	658	7	0.03	33	340	8	<5	<20	47	<0.01	<10	39	<10	<1	114
87	34319	3.3	2.61	10	35	<5	3.17	<1	28	103	8716	6.40	<10	3.67	695	10	0.03	37	500	10	<5	<20	47	<0.01	<10	55	<10	<1	129
88	34320	1.4	2.39	5	35	<5	2.56	<1	20	73	5015	5.13	<10	3.40	663	10	0.03	26	1050	14	<5	<20	47	<0.01	<10	46	<10	5	133
89	34321	1.7	1.97	15	35	<5	2.71	<1	23	87	5576	4.66	<10	2.94	622	9	0.02	26	450	10	<5	<20	45	<0.01	<10	43	<10	<1	97
90	34322	1.8	2.87	5	40	<5	2.51	<1	31	58	6012	6.56	<10	3.56	762	14	0.02	26	1060	12	<5	<20	40	<0.01	<10	81	<10	<1	134
91	34323	1.8	2.84	5	50	<5	1.88	<1	35	86	5386	7.77	<10	3.29	705	12	0.02	32	980	16	<5	<20	38	<0.01	<10	79	<10	<1	325
92	34324	1.3	1.63	10	40	<5	1.18	<1	20	75	3176	4.73	<10	2.50	606	10	0.02	20	310	244	<5	<20	39	<0.01	<10	31	<10	<1	188
93	34325	1.1	0.97	<5	45	<5	3.33	<1	28	84	4064	7.32	<10	3.44	704	23	0.02	40	760	12	<5	<20	102	<0.01	<10	44	<10	<1	133
94	34326	1.2	3.78	5	50	<5	4.17	<1	52	106	7394	>10	<10	5.42	818	24	0.02	58	260	14	<5	<20	102	<0.01	<10	88	<10	<1	121
95	34327	1.0	3.09	15	50	<5	3.11	<1	37	137	4443	8.23	<10	4.08	704	17	0.02	47	480	16	<5	<20	78	<0.01	<10	57	<10	<1	121
96	34328	0.6	3.56	10	50	<5	3.29	<1	37	145	4314	7.98	<10	4.00	619	53	0.03	54	900	20	<5	<20	53	<0.01	<10	88	<10	<1	97
97	34329	1.2	2.57	10	40	<5	2.66	<1	33	122	7357	8.26	<10	3.55	629	16	0.02	27	210	12	<5	<20	55	<0.01	<10	52	<10	<1	101
98	34330	1.3	1.90	<5	45	<5	1.70	<1	32	61	6528	6.91	<10	2.06	411	8	0.03	21	<10	10	<5	<20	38	<0.01	<10	24	<10	<1	105
99	34331	0.8	1.49	15	35	<5	0.59	<1	12	77	3302	3.27	<10	1.51	330	5	0.02	16	<10	20	<5	<20	10	<0.01	<10	13	<10	<1	113
100	34332	1.3	2.01	10	55	<5	1.09	<1	30	53	8389	6.48	<10	1.94	402	5	0.02	22	<10	8	<5	<20	16	<0.01	<10	21	<10	<1	85
101	34333	0.4	2.28	<5	65	<5	0.60	<1	43	73	2415	8.69	<10	2.17	393	11	0.02	24	230	18	<5	<20	14	<0.01	<10	20	<10	<1	92
102	34334	0.8	0.97	10	50	<5	0.95	<1	8	73	2447	2.67	<10	1.35	296	1	0.02	16	240	56	<5	<20	20	<0.01	<10	11	<10	<1	65
103	34335	<0.2	0.92	10	35	<5	0.57	<1	6	86	763	1.89	<10	1.07	238	12	0.02	14	160	16	<5	<20	12	<0.01	<10	8	<10	<1	59
104	34336	0.2	1.08	10	45	<5	0.51	<1	16	56	839	2.41	<10	1.12	275	3	0.03	21	520	14	<5	<20	95	<0.01	<10	9	<10	<1	77
105	34337	0.3	0.55	15	35	<5	0.64	<1	12	73	863	2.25	<10	0.75	289	5	0.02	13	30	32	<5	<20	191	<0.01	<10	5	<10	<1	63
106	34338	1.4	1.41	15	45	<5	0.91	<1	20	88	5729	4.89	<10	1.74	435	6	0.02	13	<10	6	<5	<20	26	<0.01	<10	14	<10	<1	182
107	34339	<0.2	0.67	10	30	<5	0.48	<1	7	70	279	1.54	<10	0.76	217	<1	0.02	12	290	8	<5	<20	128	<0.01	<10	6	<10	1	67
108	34340	0.7	0.68	45	40	<5	0.55	<1	15	78	2066	4.67	<10	0.94	274	4	0.02	16	<10	46	<5	<20	18	<0.01	<10	6	<10	<1	114
109	34341	<0.2	0.87	10	50	<5	0.75	<1	10	68	297	2.21	<10	0.99	385	1	0.03	17	130	10	<5	<20	53	<0.01	<10	9	<10	<1	68
110	34342	0.6	1.20	10	30	<5	0.77	<1	9	75	2488	2.60	<10	1.34	384	10	0.02	13	<10	10	<5	<20	11	<0.01	<10	11	<10	<1	60

ECO TECH LABORATORY LTD. **ICP CERTIFICATE OF ANALYSIS AK 2006-30** **CME & COMPANY**

Et #.	Tag #	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
111	34343	0.4	1.47	10	40	<5	0.40	<1	11	92	1459	2.91	<10	1.37	279	11	0.02	17	60	16	<5	<20	7	<0.01	<10	13	<10	<1	82
112	34344	0.9	1.50	10	40	<5	0.37	<1	12	75	2441	3.16	<10	1.40	323	9	0.02	19	<10	12	<5	<20	6	<0.01	<10	12	<10	<1	94
113	34345	0.6	1.44	10	30	<5	0.23	<1	10	79	2009	3.06	<10	1.37	277	19	0.02	18	<10	12	<5	<20	5	<0.01	<10	12	<10	<1	88
114	34346	0.4	1.29	10	30	<5	0.35	<1	11	62	1586	2.84	<10	1.26	289	5	0.02	20	130	20	<5	<20	9	<0.01	<10	11	<10	<1	80
115	34347	0.6	1.68	15	35	<5	0.39	<1	15	64	2104	3.47	<10	1.59	295	8	0.02	19	70	32	<5	<20	8	<0.01	<10	17	<10	<1	119
116	34348	1.7	1.51	40	30	<5	0.62	<1	17	72	2551	4.20	<10	1.58	416	6	0.02	13	<10	270	<5	<20	11	<0.01	<10	17	<10	<1	131
117	34349	0.6	1.11	40	30	<5	0.39	<1	16	91	2049	3.56	<10	1.21	262	5	0.02	15	310	14	<5	<20	11	<0.01	<10	12	<10	<1	114
118	34350	0.4	0.80	10	25	<5	0.46	<1	13	71	1061	2.91	<10	1.04	270	3	0.02	17	100	12	<5	<20	11	<0.01	<10	8	<10	<1	68
119	34351B	<0.2	1.54	15	35	<5	0.26	<1	11	65	457	3.28	<10	1.31	301	2	0.02	20	220	14	<5	<20	9	<0.01	<10	12	<10	<1	71
QC DATA:																													
Resplit:																													
1	128987	0.2	0.27	5	35	<5	1.40	<1	7	102	130	1.83	<10	0.52	479	3	0.02	14	120	56	<5	<20	34	<0.01	<10	4	<10	2	42
36	34270	<0.2	0.88	115	40	<5	0.52	<1	12	81	70	2.99	<10	0.71	233	2	0.02	24	310	16	<5	<20	16	<0.01	<10	8	<10	<1	73
71	34303	0.2	0.85	15	35	<5	1.77	<1	11	99	650	3.09	<10	1.22	367	5	0.04	10	110	30	<5	<20	34	<0.01	<10	12	<10	<1	73
106	34338	1.4	1.50	30	45	<5	0.96	1	24	89	5726	5.44	<10	1.88	458	7	0.02	16	<10	8	<5	<20	30	<0.01	<10	15	<10	<1	191
Repeat:																													
1	128987	<0.2	0.32	10	35	<5	1.46	<1	7	79	161	1.88	<10	0.57	479	1	0.02	12	140	44	<5	<20	36	<0.01	<10	5	<10	2	46
10	128995	<0.2	0.30	170	50	5	1.43	<1	15	86	15	4.15	<10	0.95	831	4	0.02	23	200	4	<5	<20	67	<0.01	<10	8	<10	<1	61
19	34253	0.4	1.92	320	55	<5	1.09	<1	21	72	66	5.21	20	1.00	1070	5	0.01	38	430	128	<5	<20	46	<0.01	<10	16	<10	<1	126
36	34270	<0.2	0.83	210	45	<5	0.45	<1	18	100	57	2.95	<10	0.64	205	2	0.02	28	250	22	<5	<20	14	<0.01	<10	7	<10	<1	94
45	34279	0.4	1.38	120	40	<5	3.04	2	20	48	242	5.73	<10	1.43	570	4	0.05	4	190	42	<5	<20	27	<0.01	<10	24	<10	<1	242
54	34288	<0.2	2.84	10	30	<5	2.52	<1	40	203	124	6.02	<10	2.86	865	<1	0.03	53	1220	18	<5	<20	44	0.12	<10	69	<10	<1	65
71	34303	0.2	0.89	10	40	<5	1.74	<1	10	58	607	3.10	<10	1.21	357	3	0.04	9	130	34	<5	<20	33	<0.01	<10	13	<10	<1	77
75	34307	0.7	0.39	5	25	<5	1.54	<1	9	90	1428	3.23	<10	1.08	408	4	0.01	12	490	4	<5	<20	34	<0.01	<10	8	<10	<1	74
80	34312	<0.2	1.33	10	40	<5	2.27	<1	10	31	43	3.27	<10	1.76	395	2	0.04	2	240	12	<5	<20	37	<0.01	<10	24	<10	<1	81
89	34321	1.9	2.03	15	30	<5	2.75	<1	24	88	5566	4.70	<10	3.04	635	10	0.03	26	550	12	<5	<20	46	<0.01	<10	44	<10	1	97
106	34338	1.4	1.47	20	45	<5	0.93	<1	21	89	5783	4.97	<10	1.81	441	7	0.02	15	<10	6	<5	<20	26	<0.01	<10	14	<10	<1	184
Standard:																													
GEO '06		1.5	1.66	60	165	<5	1.66	<1	18	59	86	4.13	<10	0.93	656	<1	0.02	29	580	22	<5	<20	48	0.10	<10	80	<10	11	65
GEO '06		1.5	1.55	65	165	<5	1.65	<1	17	59	87	3.97	<10	0.92	655	<1	0.02	29	550	24	<5	<20	45	0.10	<10	75	<10	10	63
GEO '06		1.5	1.76	65	165	<5	1.68	<1	18	59	84	4.23	<10	0.99	679	<1	0.02	29	570	22	<5	<20	51	0.10	<10	74	<10	11	65
GEO '06		1.5	1.58	65	165	5	1.64	<1	18	58	83	3.95	<10	0.95	659	<1	0.02	29	550	24	<5	<20	47	0.10	<10	76	<10	11	62

ECO TECH LABORATORY LTD.
Jutta Jealouse
B.C. Certified Assayer

JJ/ga
df/30
XLS/06

Eco Tech Laboratory Ltd.

ASSAYING
GEOCHEMISTRY
ANALYTICAL CHEMISTRY
ENVIRONMENTAL TESTING

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CERTIFICATE OF ASSAY AK 2006-30

CME & COMPANY
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V6W 1J9

18-Jan-06

No. of samples received: 119
Sample type: Core
Project Name: Harper Creek Compilation
Project Number: P60
Submitted By:Larry Crittenden

ET #.	Tag #	Cu (%)
16	12900A	0.32
61	34294	0.10
63	34296	0.10
64	34297	0.10
65	34298	0.16
68	34300A	0.31
69	34301	0.16
70	34302	0.10
74	34306	0.76
75	34307	0.14
84	34316	0.28
85	34317	0.45
86	34318	0.59
87	34319	0.87
88	34320	0.51
89	34321	0.57
90	34322	0.59
91	34323	0.54
92	34324	0.32
93	34325	0.40
94	34326	0.74
95	34327	0.45

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CME & COMPANY AK6-30 18-Jan-06

ET #.	Tag #	Cu (%)
96	34328	0.45
97	34329	0.74
98	34330	0.67
99	34331	0.34
100	34332	0.84
101	34333	0.25
102	34334	0.25
106	34338	0.58
108	34340	0.21
110	34342	0.25
111	34343	0.15
112	34344	0.25
113	34345	0.21
114	34346	0.16
115	34347	0.22
116	34348	0.26
117	34349	0.20
118	34350	0.11

QC DATA:

Repeat:

16	12900A	0.32
74	34306	0.76
91	34323	0.54
100	34332	0.85
108	34340	0.21
117	34349	0.20

Standard:

CU106	1.43
CU106	1.42

JJ/kk
XLS/06

ECO TECH LABORATORY LTD.
Jutta Jealouse
B.C. Certified Assayer

Eco Tech Laboratory Ltd.

ASSAYING
GEOCHEMISTRY
ANALYTICAL CHEMISTRY
ENVIRONMENTAL TESTING

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CERTIFICATE OF ANALYSIS AK 2006-30

CME & COMPANY
#2130-21331 Gordon Way
Richmond, BC
V6W 1J9

18-Jan-06

No. of samples received: 119
Sample type: Core
Project Name: Harper Creek Compilation
Project Number: P60
Submitted By:Larry Crittenden

ET #.	Tag #	Au (ppb)	Pd (ppb)
1	128987	5	<5
2	128988	<5	<5
3	128989	<5	<5
4	128990	<5	<5
5	128990A	<5	<5
6	128991	<5	<5
7	128992	<5	<5
8	128993	<5	<5
9	128994	<5	<5
10	128995	10	<5
11	128996	<5	<5
12	128997	<5	<5
13	128998	<5	<5
14	128999	5	<5
15	129000	<5	<5
16	12900A	260	<5
17	34251	<5	<5
18	34252	<5	<5
19	34253	<5	<5
20	34254	<5	<5
21	34255	<5	<5
22	34256	<5	<5
23	34257	<5	<5
24	34258	<5	<5
25	34259	5	<5
26	34260	<5	<5
27	34261	5	<5
28	34262	<5	<5

CME & COMPANY AK6-30 18-Jan-06

ET #.	Tag #	Au (ppb)	Pd (ppb)
29	34263	<5	<5
30	34264	<5	<5
31	34265	<5	<5
32	34266	<5	<5
33	34267	5	<5
34	34268	<5	<5
35	34269	<5	<5
36	34270	<5	<5
37	34271	5	<5
38	34272	10	<5
39	34273	10	<5
40	34274	<5	<5
41	34275	5	<5
42	34276	5	<5
43	34277	15	<5
44	34278	5	<5
45	34279	10	<5
46	34280	5	<5
47	34281	<5	<5
48	34282	5	<5
49	34283	<5	<5
50	34284	<5	<5
51	34285	5	<5
52	34286	<5	<5
53	34287	<5	<5
54	34288	<5	<5
55	34289	<5	<5
56	34290	<5	<5
57	34290A	<5	<5
58	34291	<5	<5
59	34292	<5	<5
60	34293	<5	<5
61	34294	5	<5
62	34295	10	<5
63	34296	<5	<5
64	34297	5	<5
65	34298	5	<5
66	34299	10	<5
67	34300	5	<5
68	34300A	255	<5
69	34301	5	<5
70	34302	5	<5
71	34303	<5	<5
72	34304	<5	<5
73	34305	<5	<5
74	34306	55	<5

CME & COMPANY AK6-30 18-Jan-06

ET #.	Tag #	Au (ppb)	Pd (ppb)
75	34307	5	<5
76	34308	<5	<5
77	34309	<5	<5
78	34310	<5	<5
79	34311	<5	<5
80	34312	<5	<5
81	34313	<5	<5
82	34314	<5	<5
83	34315	<5	<5
84	34316	60	<5
85	34317	115	<5
86	34318	130	<5
87	34319	165	<5
88	34320	105	<5
89	34321	170	<5
90	34322	165	<5
91	34323	100	<5
92	34324	35	<5
93	34325	65	<5
94	34326	95	<5
95	34327	65	<5
96	34328	55	<5
97	34329	65	<5
98	34330	70	<5
99	34331	20	<5
100	34332	50	<5
101	34333	15	<5
102	34334	10	<5
103	34335	5	<5
104	34336	<5	<5
105	34337	15	<5
106	34338	40	<5
107	34339	5	<5
108	34340	45	<5
109	34341	5	<5
110	34342	15	<5
111	34343	10	<5
112	34344	10	<5
113	34345	10	<5
114	34346	5	<5
115	34347	5	<5
116	34348	15	<5
117	34349	10	<5
118	34350	<5	<5
119	34351B	<5	<5

CME & COMPANY AK6-30 18-Jan-06

ET #.	Tag #	Au (ppb)	Pd (ppb)
QC DATA:			
Resplit:			
1	128987	<5	<5
36	34270	<5	<5
71	34303	<5	<5
106	34338	45	<5
Repeat:			
1	128987	<5	<5
10	128995	10	<5
19	34253	<5	<5
36	34270	<5	<5
45	34279	5	<5
54	34288	5	<5
71	34303	<5	<5
74	34306	65	
80	34312	<5	<5
86	34318	150	
87	34319	175	
89	34321	150	<5
90	34322	170	
106	34338	35	<5
115	34347	5	<5
Standard:			
GEO 06		430	375
GEO 06		440	370
GEO 06		440	365
GEO 06		420	375

JJ/ga
XLS/06

ECO TECH LABORATORY LTD.
Jutta Jealouse
B.C. Certified Assayer

Assayers Canada
8282 Sherbrooke St.
Vancouver, B.C.
V5X 4R6
Tel: (604) 327-3436
Fax: (604) 327-3423

Assay Certificate

6V-0304-PA1

Mar-08-06

Company: **CME Consulting Ltd.**
Project: P60 Harper Creek Compilation
Attn: Ted Vander Wart

We *hereby certify* the following assay of 20 pulp samples submitted Mar-02-06

Sample Name	Cu %
128262	0.858
128276	0.671
128284	0.182
34261	0.001
34306	0.805
34319	0.897
128417	0.012
128502	0.695
128522	0.070
128541A	0.924
128613	1.78
128614	2.22
128615	0.992
128616	0.944
128646	0.895
128689	1.16
128818	0.993
128825	0.956
128831	0.948
128888	1.02
*DUP 128262	0.849
*DUP 128541A	0.935
*DUP 128888	1.03
*KC-1a	0.630
*BLANK	<0.001

Certified by

APPENDIX III

CONFIRMATION SAMPLING PROGRAM

a. Logs
b. Comparative Results: Historical vs. Current Samples

APPENDIX III

CONFIRMATION SAMPLING PROGRAM

a. Logs

Appendix IIIa: Drill Logs Legend

Rock Type	ALT	alterite				
	SIL	silicification				
	SER	sericite				
	CHL	clorite				
	FEC	siderite, ankerite				
	CAL	calcite				
Colour	GRY	grey	BRN	brown		
	GRN	green	BLK	black		
	BLU	blue	BEG	beige		
	WIT	white	RED	red		
	TAN	tan	YLW	yellow		
	CRE	cream				
	l	light				
	m	medium				
	d	dark				
Lithology	SHL	shale	Q	quartz-rich	au	augen
	QTE	quartzite	QS	quartz-sericite		
	SHLQ	shale with quartzite intercalations	QC	quartz-chlorite		
	MV	mafic volcanics				
	MT	mafic tuff	QSC	quartz-sericite-chlorite		
	MVS	mafic volcanic sediments	QCS	quartz-chlorite-sericite		
	RHY	Rhyolite-like	S	sericite dominant		
	FV	Felsic volcanics	C	chlorite dominant		
Alteration	WTH	weathering - oxydation	vs	very strong		
	ALT	Hydrothermal alteration	s	strong		
	QTZ	Quartz vein	w	weak		
	QTZCA	Qtz siderite vein	vw	very weak		
	SIL	silicification				
	SER	sericitization				
	CHL	chloritization				
	FC	Iron carbonatization				
	CA	Carbonatization				
	TLC	Talc				
Sulfide	Py	pyrite				
	Po	pyrrhotite				
	Cp	chalcopyrite				
	Bn	bornite				
	Dg	digenite				
	Cc	chalcocite				
	Sp	sphalerite				
	mal	malachite				

Appendix IIIa: Logs

Hole	From	To	Length	Sample	Alteration	Colour	Lithology	PY	PO	CP	Remarks	Cu %
Drillhole 96-4												
Drillhole sample intervals in METRES												
96-4	6.10	7.10	1.00	128101	ALT	l GRY	QSC	< 1 %			8.70 - 8.76 : Fault gouge	<0.01
96-4	7.10	8.10	1.00	128102	ALT	l GRY	QSC	< 1 %				<0.01
96-4	8.10	9.10	1.00	128103	ALT	l GRY	QSC	< 1 %		< 0.5 %	fracturation	0.04
96-4	9.10	10.10	1.00	128104	ALT	l GRY	QS			< 0.5 %		0.06
96-4	10.10	11.00	0.90	128105	ALT	l GRY	QS	< 1 %		< 0.5 %		0.03
96-4	11.00	11.28	0.28	128106	ALT	l GRY	QS			tr	breccia	0.02
96-4	11.28	12.46	1.18	128107	ALT	l GRY	QS	< 1 %		tr		0.02
96-4	12.46	13.62	1.16	128108	ALT	l GRY	QSC	2%	10 - 15 %	1%		0.44
96-4	13.62	14.78	1.16	128109	ALT	l GRY	QSC	"	10 - 15 %	2%	less sulf. to the bottom	0.52
96-4	14.78	15.78	1.00	128110	ALT	m GRY	QSC	3%		< 0.5 %		0.05
96-4	15.78	16.78	1.00	128111	ALT	m GRY	QSC	3%		< 0.5 %		0.03
96-4	16.78	17.77	0.99	128112	ALT	m GRY	QSC	3%		< 0.5 %		0.06
96-4	17.77	18.77	1.00	128113	ALT	m GRY	QSC	1%				<0.01
96-4	18.77	20.32	1.55	128114	ALT	l GRY	QS	4%		loc 2 - 3 %		0.06
96-4	20.32	21.50	1.18	128115	ALT	l GRY	QS	4%		loc 2 - 3 %	21.0 - 21.8 : fault	0.12
96-4	21.50	22.75	1.25	128116	ALT	l GRY	QS	5%		1%		0.17
96-4	22.75	24.00	1.25	128117	ALT	l GRY	QS	5%		1%		0.20
96-4	24.00	25.10	1.10	128118	ALT	l GRY	Q	3 - 6 %		< 0.5 %		0.10
96-4	25.10	26.55	1.45	128119	ALT	l GRY	Q	2 - 8 %	3 - 12 %	tr to 2 %		0.12
96-4	26.55	27.59	1.04	128120	ALT	l GRY	QS	1%			26.55 - 26.95 : fault ?	0.01
96-4	27.59	28.59	1.00	128121	vw ALT	m GRY	MV	2 - 5 %		tr		0.02
96-4	28.59	29.59	1.00	128122	vw ALT	m GRY	MV	2 - 5 %		< 0.5 %		0.06
96-4	29.59	30.59	1.00	128123	vw ALT	m GRY	MV	2 - 5 %		2 - 3 % locally		0.06
96-4	30.59	31.59	1.00	128124	vw ALT	m GRY	MV	2 - 5 %		< 0.5 %		0.08
96-4	31.59	32.59	1.00	128125	vw ALT	m GRY	MV	2 - 5 %		2 - 3 % locally		0.06
96-4	32.59	33.59	1.00	128126	vw ALT	m GRY	MV	2 - 5 %		< 0.5 %		0.05
96-4	33.59	34.59	1.00	128127	vw ALT	m GRY	MV	2 - 5 %		< 0.5 %		0.06
96-4	34.59	36.20	1.61	128128	vw ALT	m GRY	MV		tr	< 0.5 %	Kink banding	0.04
96-4	36.20	36.50	0.30	128129	ALT	m GRY	MV	tr		< 0.5 %	Kink banding	0.05
96-4	36.50	37.56	1.06	128130	ALT	m GRY	MV	3 - 5 %		< 0.5 %	Kink banding	0.08
96-4	37.56	38.62	1.06	128131	ALT	m GRY	MV	3 - 5 %		< 0.5 %	Kink banding	0.10
96-4	38.62	39.62	1.00	128132	ALT	l GRY	QS	2%				<0.01
96-4	39.62	40.36	0.74	128133	ALT	l GRY	QS	2%				<0.01
96-4	40.36	41.00	0.64	128134	ALT	l GRY	QS	max 1 %		< 0.5 %		0.04
96-4	41.00	42.00	1.00	128135	ALT	l GRY	QS	max 1 %		tr		0.01
96-4	42.00	43.00	1.00	128136	ALT	l GRY	QS	max 1 %		tr		0.03
96-4	43.00	44.00	1.00	128137	ALT	l GRY	QS	max 1 %		tr		0.02
96-4	44.00	45.00	1.00	128138	ALT	l GRY	QS	max 1 %		tr		0.02
96-4	45.00	46.00	1.00	128139	ALT	l GRY	QS	max 1 %		tr		0.02
96-4	46.00	47.00	1.00	128140	ALT	l GRY	Q	max 1 %		< 0.5 %		0.05
96-4	47.00	48.00	1.00	128141	ALT	l GRY	Q	max 1 %				0.01
96-4	48.00	49.00	1.00	128142		WIT	Q	tr				0.01
96-4	49.00	50.00	1.00	128143		WIT	Q / RHY			tr		0.02
96-4	50.00	50.50	0.50	128144		WIT	RHY			tr		0.03
96-4	50.50	51.00	0.50	128145		WIT	RHY			tr		0.01
96-4	51.00	52.00	1.00	128146		WIT	RHY			tr		0.02
96-4	52.00	53.00	1.00	128147		WIT	RHY					<0.01

Appendix IIIa: Logs

Hole	From	To	Length	Sample	Alteration	Colour	Lithology	PY	PO	CP	Remarks	Cu %
96-4	53.00	54.00	1.00	128148		WIT	RHY					<0.01
96-4	54.00	55.00	1.00	128149	ALT	WIT	RHY			tr		0.01
96-4	55.00	56.00	1.00	128150	ALT	WIT	RHY					0.01
96-4	56.00	57.00	1.00	128151	ALT	WIT	RHY / FV	some large euhedral		< 0.5 %	met Py; 56.4: lith.contact	0.04
96-4	57.00	58.00	1.00	128152	ALT	I GRY	FV			tr		0.02
96-4	58.00	59.00	1.00	128153		I GRY	FV	some large euhedral		< 0.5 %	metamorphic Py	0.09
96-4	59.00	60.35	1.35	128154		WIT	FV	some large euhedral		< 0.5 %	metamorphic Py	0.08
96-4	60.35	61.00	0.65	128155		WIT	au RHY					<0.01
96-4	61.00	62.00	1.00	128156		WIT	au RHY					<0.01
96-4	62.00	63.00	1.00	128157		WIT	au RHY	some large euhedral			metamorphic Py	<0.01
96-4	63.00	64.00	1.00	128158	vw ALT	WIT	au RHY	max 1 %				<0.01
96-4	64.00	65.00	1.00	128159	vw ALT	WIT	au RHY	max 1 %				<0.01
96-4	65.00	66.00	1.00	128160	vw ALT	WIT	au RHY	max 1 %				0.01
96-4	66.00	67.00	1.00	128161	vw ALT	WIT	au RHY	tr				0.01
96-4	67.00	68.00	1.00	128162	vw ALT	WIT	au RHY			tr		0.01
96-4	68.00	69.00	1.00	128163	vw ALT	WIT	au RHY					0.01
96-4	69.00	70.00	1.00	128164	vw ALT	WIT	au RHY	max 1 %				0.01
96-4	70.00	71.00	1.00	128165		WIT	au RHY	tr				0.01
96-4	71.00	72.00	1.00	128166		WIT	au RHY	tr				0.01
96-4	72.00	75.00	3.00	128167		WIT	au RHY	tr		tr		0.01
96-4	75.00	75.60	0.60	128168		WIT	au RHY	tr				0.01
96-4	75.60	76.00	0.40	128169	w ALT	I GRY	au RHY	rare				0.01
96-4	76.00	77.00	1.00	128170	w ALT	I GRY	au RHY	rare				0.01
96-4	77.00	78.00	1.00	128171	ALT	I GRY	QS					0.01
96-4	78.00	79.00	1.00	128172	ALT	I GRY	QS FC			tr	minor siderite	0.01
96-4	79.00	79.65	0.65	128173	ALT	m GRY	QSC FC	1 -2 %, loc 15%		< 0.5 %	siderite, biotite ?	0.07
96-4	79.65	81.00	1.35	128174	ALT	m GRY	QC FC	max 3 %			siderite	0.01
96-4	81.00	82.00	1.00	128175	ALT	m GRY	QC	max 1 %				0.01
96-4	82.00	83.00	1.00	128176	ALT	I GRY RED	QS FC	tr			siderite	<0.01
96-4	83.00	84.00	1.00	128177	ALT	I GRY	QS FC	< 1 %		tr	minor siderite	0.01
96-4	84.00	84.43	0.43	128178	ALT	I GRY	QSC	< 1 %				<0.01
96-4	84.43	85.00	0.57	128179	ALT	m GRY GRN	QC	~4 %, loc. up to 10 %		tr	calcite	0.02
96-4	85.00	86.00	1.00	128180	ALT	md GRN	QC	2 - 4 %		tr	calcite	0.01
96-4	86.00	87.00	1.00	128181	ALT	md GRN	QC	5 - 10 %, loc 15 %		< 0.5 %	calcite	0.08
96-4	87.00	87.70	0.70	128182	ALT	md GRN	QC	< 1 %. loc 5 %		tr	calcite	0.02
96-4	87.70	87.90	0.20	128183	ALT	md GRN	QC	up to 15 %			calcite breccia	0.18
96-4	87.90	88.90	1.00	128184	ALT	md GRN	QC	up to 4 %		< 0.5 %	calcite	0.04
96-4	88.90	89.30	0.40	128185	ALT	md GRN	QC	15 - 25 %			calcite	0.17
96-4	89.30	90.30	1.00	128186	ALT	md GRN	QC FC	2 to 25 %		< 0.5 %	calcite, siderite veins	0.11
96-4	90.30	90.55	0.25	128187	ALT	d GRN	QC FC	3%		< 0.5 %	siderite	0.06
96-4	90.55	92.00	1.45	128188	ALT	vl GRY	QS	< 1 %				0.01
96-4	92.00	93.00	1.00	128189	ALT	vl GRY	QS	minor				<0.01
96-4	93.00	94.00	1.00	128190	ALT	vl GRY	QS	minor				<0.01
96-4	94.00	95.00	1.00	128191	ALT	I GRY	QSC	minor			calcite	<0.01
96-4	95.00	96.00	1.00	128192	ALT	vl GRN WIT	QSC	minor				0.01
96-4	96.00	97.00	1.00	128193	ALT	vl GRN WIT	QSC FC	minor		tr	tr siderite	0.01
96-4	97.00	98.00	1.00	128194	ALT	I GRN GRY	QSC	< 10 %			mottled quartz	<0.01
96-4	98.00	99.00	1.00	128195	ALT	I GRN GRY	QSC	< 10 %				<0.01
96-4	99.00	100.00	1.00	128196	ALT	I GRN GRY	QCS	< 10 %				<0.01

Appendix IIIa: Logs

Hole	From	To	Length	Sample	Alteration	Colour	Lithology	PY	PO	CP	Remarks	Cu %
96-4	100.00	101.00	1.00	128197	ALT	l GRN GRY	QCS	< 10 %				0.01
96-4	101.00	102.00	1.00	128198	ALT	l GRN GRY	QCS	< 10 %		tr		0.02
96-4	102.00	103.00	1.00	128199	ALT	l GRN GRY	QCS	< 10 %		tr		0.01
96-4	103.00	104.00	1.00	128200	ALT	l GRN GRY	QCS	< 10 %		tr		0.01
96-4	104.00	105.00	1.00	128201	ALT	m GRY	QCS	< 1 %				0.01
96-4	105.00	106.00	1.00	128202	ALT	m GRY	QCS	tr				<0.01
96-4	106.00	107.00	1.00	128203	ALT	m GRY	QCS	< 1 %		tr		0.01
96-4	107.00	108.00	1.00	128204	ALT	m GRY	QCS	< 1 %				0.01
96-4	108.00	109.00	1.00	128205	ALT	m GRY	QCS	1%				<0.01
96-4	109.00	110.00	1.00	128206	ALT	m GRY	QCS	< 1 %				0.01
96-4	110.00	111.00	1.00	128207	ALT	m GRY	QCS	< 1 %, loc 3 - 5 %		< 0.5 %	tr calcite	0.04
96-4	111.00	112.00	1.00	128208	ALT	md GRY	QCS	1 %, loc 2 %				<0.01
96-4	112.00	113.00	1.00	128209	ALT	m GRY	QCS	< 1 %		tr		0.02
96-4	113.00	114.00	1.00	128210	ALT	m GRY	QCS	< 1 %		tr		0.01
96-4	114.00	115.00	1.00	128211	ALT	m GRY	QCS	< 1 %		< 0.5 %	114.4 - 115.1 : fault	0.03
96-4	115.00	116.00	1.00	128212	ALT	m GRY	S	< 1 % to 1 %		tr	tr calcite	0.02
96-4	116.00	117.00	1.00	128213	ALT	l GRY	S	< 1 % to 1 %			tr calcite	0.01
96-4	117.00	118.00	1.00	128214	ALT	l GRY	S	< 1 % to 1 %			117.3 - 117.5 : gouge	0.01
96-4	118.00	119.00	1.00	128215	ALT	l GRY	S	< 1 % to 1 %		tr		0.01
96-4	119.00	120.00	1.00	128216	ALT	l GRY	S	< 1 % to 1 %		tr		0.03
96-4	120.00	121.00	1.00	128217	ALT	l GRY	S	< 1 % to 1 %		tr		0.02
96-4	121.00	122.00	1.00	128218	ALT	d GRY	QCS	< 1 %		< 0.5 %		0.04
96-4	122.00	123.00	1.00	128219	ALT	m GRY	QSC	< 1 %				0.01
96-4	123.00	123.30	0.30	128220	ALT	m GRY	QTZCA	< 1 %				<0.01
96-4	123.30	124.00	0.70	128221	ALT	l GRN TAN	QS	1%		tr	calcite	0.03
96-4	124.00	125.00	1.00	128222	ALT	ml GRN TAN	QS	1%		tr	calcite	0.02
96-4	125.00	126.00	1.00	128223	ALT	ml GRN TAN	QS	1%		tr	calcite	0.01
96-4	126.00	127.00	1.00	128224	ALT	TAN - GRN GRY	QS	1%			calcite	<0.01
96-4	127.00	128.00	1.00	128225	ALT	m TAN	QS	< 1 %			calcite	0.01
96-4	128.00	128.80	0.80	128226	ALT	m TAN	QS	< 1 %		tr	calcite	0.01
96-4	128.80	130.00	1.20	128227	ALT	m GRN GRY	QSC	< 1 %				<0.01
96-4	130.00	131.00	1.00	128228	ALT	m GRN GRY	QSC	< 1 %				0.01
96-4	131.00	132.00	1.00	128229	ALT	m GRN GRY	QSC	1%				<0.01
96-4	132.00	133.30	1.30	128230	ALT	m GRN GRY	QSC	1%				0.01
96-4	133.30	135.00	1.70	128231	ALT	l GRY	QS	2 - 3 %		tr		0.02
96-4	135.00	136.00	1.00	128232	ALT	m GRY	QSC	1%			minor calcite	<0.01
96-4	136.00	137.00	1.00	128233	ALT	m GRY	QCS	< 1 %		tr		0.02
96-4	137.00	138.00	1.00	128234	ALT	m GRN GRY	QSC	1 - 2 %		tr		0.17
96-4	138.00	139.00	1.00	128235	ALT	m GRN GRY - BLU	QS	1 - 15 %		2%		0.21
96-4	139.00	140.00	1.00	128236	ALT	md GRN	QCS	1%		< 0.5 %		0.04
96-4	140.00	141.00	1.00	128237	ALT	m GRY	Q	1 - 2 %, up to 10 %			Py-rich in silicified zones	0.16
96-4	141.00	142.00	1.00	128238	ALT	m GRY	Q	2 - 20 %		locally up to 10 %		0.27
96-4	142.00	143.00	1.00	128239	ALT	m GRY	Q	2 - 20 %		locally up to 5 %		0.75
96-4	143.00	144.00	1.00	128240	ALT	m GRY	Q	1 - 5 %		1 - 2 %		0.44
96-4	144.00	145.00	1.00	128241	ALT	m GRY	Q	1 - 2 %, 15 cm 15 %		15 cm 4 %		0.10
96-4	145.00	146.00	1.00	128242	ALT	m GRY	Q	1%		< 0.5 %		0.10
96-4	146.00	147.00	1.00	128243	ALT	l GRN WIT	Q	< 1 %				0.01
96-4	147.00	148.00	1.00	128244	ALT	l GRY	Q	1%		< 0.5 %		0.05
96-4	148.00	149.00	1.00	128245	ALT	md GRY	QCS	1 - 2 %		< 0.5 %		0.10

Appendix IIIa: Logs

Hole	From	To	Length	Sample	Alteration	Colour	Lithology	PY	PO	CP	Remarks	Cu %
96-4	149.00	150.00	1.00	128246	ALT	m GRY	au QSC	< 1 %		tr		0.02
96-4	150.00	151.00	1.00	128247	ALT	m GRY	QSC	< 1 %		tr		0.03
96-4	151.00	152.00	1.00	128248	ALT	m GRY	QSC	< 1 %		tr		0.02
96-4	152.00	153.00	1.00	128249	ALT	lm GRY	QSC	< 1 %		< 0.5 %	Fault ?	0.04
96-4	153.00	154.00	1.00	128250	ALT	lm GRY	QSC	1 - 2 %		< 0.5 %		0.04
96-4	154.00	155.00	1.00	128251	ALT	lm GRY	QSC	1%		tr		0.03
96-4	155.00	156.00	1.00	128252	ALT	lm GRY	QSC	1%		tr		0.02
96-4	156.00	157.00	1.00	128253	ALT	lm GRY	QS	1 - 2 %		< 0.5 %		0.09
96-4	157.00	158.00	1.00	128254	ALT	lm GRY	QS	1%		< 0.5 %		0.13
96-4	158.00	159.00	1.00	128255	ALT	lm GRY	QS	1 - 2 %		< 0.5 %		0.14
96-4	159.00	160.00	1.00	128256	ALT	lm GRY	Q	2 %, loc 6 %		< 0.5 %		0.07
96-4	160.00	161.00	1.00	128257	ALT	m GRY	QSC	2 - 3 %		some		0.12
96-4	161.00	162.00	1.00	128258	ALT	l GRY	QS				thin massive Cp layers	0.22
96-4	162.00	163.00	1.00	128259	ALT	vl GRY	QS	1 - 2 %		1%	possible bornite	0.40
96-4	163.00	164.00	1.00	128260	ALT	vl GRY	QS	2 - 3 %		1 - 2 %		0.31
96-4	164.00	165.00	1.00	128261	ALT	vl GRY	QSC	1%		< 0.5 %		0.10
96-4	165.00	166.00	1.00	128262	ALT	GRY WIT	QS	2 - 4 %, loc 8 %		1%		0.88
96-4	166.00	167.00	1.00	128263	ALT	GRY WIT	QS	2 - 4 %, loc 8 %		1%		0.28
96-4	167.00	168.00	1.00	128264	ALT	GRY WIT	QS	~ 3 %, loc 10 %		1%		0.77
96-4	168.00	168.45	0.45	128265	ALT	vl GRY	QS	< 1 %		< 0.5 %		0.05
96-4	168.45	169.32	0.87	128266	ALT	l GRY	QS	up to 1 %				<0.01
96-4	169.32	170.00	0.68	128267	ALT	l GRY	QS	1%				0.21
96-4	170.00	171.00	1.00	128268	ALT	l GRY	QS	< 1 %		< 0.5 %		0.03
96-4	171.00	172.00	1.00	128269	ALT	l GRY	QS	< 1 %, loc. 1 %		1%		0.30
96-4	172.00	173.00	1.00	128270	ALT	l GRY	QS	1 - 2 %		< 0.5 %		0.13
96-4	173.00	174.05	1.05	128271	ALT	l GRY	QS	< 1 %		< 0.5 %		0.06
96-4	174.05	174.73	0.68	128272	ALT	CRE WIT	Q			< 0.5 %		0.03
96-4	174.73	175.53	0.80	128273	ALT	l GRY	QS	< 1 %		< 0.5 %		0.04
96-4	175.53	176.85	1.32	128274	ALT	lm GRY	QS	loc 1 - 2 %		loc 1 %		0.07
96-4	176.85	177.61	0.76	128275	ALT	lm GRY	QS	1 - 2 %		1 - 2 %		0.13
96-4	177.61	178.68	1.07	128276	ALT	l GR	QS	1 - 2 %, loc 8 %		2 %, loc 3 %		0.66
96-4	178.68	180.00	1.32	128277	ALT	l GR	QS			1 to 9 %		0.84
96-4	180.00	180.45	0.45	128278	ALT	CRE WIT	Q	loc 1 - 2 %		loc 1 %		0.15
96-4	180.45	181.45	1.00	128279	ALT	l GRY	QS	2 - 4 %		1%		0.40
96-4	181.45	181.75	0.30	128280	ALT	CRE WIT	Q	1%		< 0.5 %		0.11
96-4	181.75	183.00	1.25	128281	ALT	l GRY	QS	1 - 2 %		1%		0.32
96-4	183.00	184.00	1.00	128282	ALT	l GRY	QS	< 1 %		1%		0.30
96-4	184.00	185.00	1.00	128283	ALT	l GRY	QS	< 1 % locally		< 1 % locally		0.22
96-4	185.00	186.00	1.00	128284	ALT	l GRY	QS	locally up to 5 %				0.18
96-4	186.00	187.00	1.00	128285	ALT	l GRY	QS	2%				0.25
96-4	187.00	188.00	1.00	128286	ALT	l GRY	QS	1 - 2 %		1%		0.15
96-4	188.00	189.00	1.00	128287	ALT	l GRY	QS	1%				0.19
96-4	189.00	190.00	1.00	128288	ALT	l GRY	au QS	1%				0.28
96-4	190.00	191.00	1.00	128289	ALT	vl GRY - CRE	au S	1 - 2 %				0.01
96-4	191.00	192.00	1.00	128290	ALT	vl GRY	au S	1%			Kink banding	0.01
96-4	192.00	193.00	1.00	128291	ALT	vl GRY	S	< 1 %				0.01
96-4	193.00	194.00	1.00	128292	ALT	l GRY	au S	1%				0.01
96-4	194.00	195.00	1.00	128293	ALT	l GRY	QS	1%		< 1 %		0.20
96-4	195.00	195.45	0.45	128294	ALT	l GRY	QS	< 1 %				0.23

Appendix IIIa: Logs

Hole	From	To	Length	Sample	Alteration	Colour	Lithology	PY	PO	CP	Remarks	Cu %
96-4	195.45	196.00	0.55	128295	ALT	l GRY	QS	1 - 2 %		< 0.5 %		0.09
96-4	196.00	197.00	1.00	128296	ALT	l GRY	QS	< 1 %				0.05
96-4	197.00	198.00	1.00	128297	ALT	l GRY	QS	locally 2 %		locally 1 %		0.12
96-4	198.00	199.00	1.00	128298	ALT	l GRY	QS	1 - 2 %				0.18
96-4	199.00	200.00	1.00	128299	ALT	l GRY	QS	1 - 2 %				0.19
96-4	200.00	201.00	1.00	128300	ALT	l GRY	QS			2 - 3 %		0.16
96-4	201.00	202.00	1.00	128301	ALT	l GRY	QS	1%		< 0.5 %		0.12
96-4	202.00	203.00	1.00	128302	ALT	l GRY	QS	1%, loc 4 %		< 1 %, loc 2%		0.16
96-4	203.00	204.00	1.00	128303	ALT	l GRY	QS	1 - 2 %, loc 4 %		loc 5 %		0.17
96-4	204.00	205.00	1.00	128304	ALT	l GRY	QS	2 - 3 %, loc 4 %		loc 6 %		0.36
96-4	205.00	206.00	1.00	128305	ALT	l GRY	QS	2 - 3 %		loc 5 %		0.27
96-4	206.00	207.00	1.00	128306	ALT	l GRY	QS	1 %, loc 4 %		< 1 %, loc 2 - 3 %		0.52
96-4	207.00	208.00	1.00	128307	ALT	l GRY	QS	1 %, loc 4 %		< 1 %, loc 2 - 3 %		0.34
96-4	208.00	209.00	1.00	128308	ALT	l GRY	QS	2 - 3 %		loc 5 %		0.30
96-4	209.00	210.00	1.00	128309	ALT	l GRY	Q	2 - 3 %		loc 5 %		0.43
96-4	210.00	211.00	1.00	128310	ALT	l GRY	Q	2 - 3 %		loc 6 to 10 %		0.41
96-4	211.00	212.00	1.00	128311	ALT	l GRY	Q	2 - 3 %		1%	Kink banding	0.38
96-4	212.00	213.00	1.00	128312	ALT	l GRY	Q	1 - 2 %		1%		0.31
96-4	213.00	214.00	1.00	128313	ALT	l GRY	Q	1 - 3 %				0.32
96-4	214.00	215.00	1.00	128314	ALT	l GRY	Q	1 - 3 %				0.15
96-4	215.00	216.00	1.00	128315	ALT	l GRY	Q	1 - 3 %				0.09
96-4	216.00	217.00	1.00	128316	ALT	l GRY	Q	1 - 3 %		max 2 %		0.12
96-4	217.00	218.00	1.00	128317	ALT	l GRY	Q	1 - 3 %				0.25
96-4	218.00	219.00	1.00	128318	ALT	l GRY	Q	1 - 3 %				0.32
96-4	219.00	220.00	1.00	128319	ALT	l GRY	Q	1 - 3 %		max 2 %		0.19
96-4	220.00	221.00	1.00	128320	ALT	l GRY	Q	1 - 3 %		max 2 %		0.27
96-4	221.00	221.78	0.78	128321	ALT	l GRY	Q	1 - 3 %				0.33
96-4	221.78	222.22	0.44	128322	ALT	WIT	QTZ	< 1 %				<0.01
96-4	222.22	223.00	0.78	128323	ALT	l GRY	au Q	1 - 2 %		tr		0.03
96-4	223.00	224.00	1.00	128324	ALT	l GRY	au Q	1 - 2 %		< 0.5 %		0.08
96-4	224.00	225.00	1.00	128325	ALT	l GRY	au Q	1 - 2 %		< 1 %, loc up to 4 %		0.20
96-4	225.00	226.00	1.00	128326	ALT	l GRY	au Q	1 - 2 %		< 0.5 %		0.09
96-4	226.00	227.00	1.00	128327	ALT	l GRY	au Q	1 - 2 %		< 1 %, loc up to 10 %		0.12
96-4	227.00	228.00	1.00	128328	ALT	l GRY	au Q	1 - 2 %		< 1 %, loc up to 5 %		0.14
96-4	228.00	229.00	1.00	128329	ALT	l GRY	au Q	1 - 2 %		< 0.5 %		0.14
96-4	229.00	230.00	1.00	128330	ALT	l GRY	au Q	1 - 2 %		< 1 %, loc up to 3 %		0.34
96-4	230.00	231.00	1.00	128331	ALT	l GRY	QS	2%		< 1 %, loc up to 5 %		0.24
96-4	231.00	232.00	1.00	128332	ALT	vl GRY	QS	1 - 2 %		< 1 %		0.21
96-4	232.00	233.00	1.00	128333	ALT	vl GRY	QS	1 %, loc 2 %				0.44
96-4	233.00	233.90	0.90	128334	ALT	vl GRY	QS	1 - 4 %				0.37
96-4	233.90	234.63	0.73	128335	ALT	l GRY	au QCS	1 - 2 %, 10cm mas Py				0.33
96-4	234.63	234.98	0.35	128336	ALT	WIT	Q	4-May				0.46
96-4	234.98	236.00	1.02	128337	ALT	vl GRY	Q	3 - 4 %				0.51
96-4	236.00	236.84	0.84	128338	ALT	l GRY	QS	7 - 10 %		< 1 %		0.26
96-4	236.84	237.00	0.16	128339	ALT	l GRY	Q	4 - 5 %				0.40
96-4	237.00	238.00	1.00	128340	ALT	d GRN RED	au C	4%		1 %, loc 5 - 6 %	magnetic red augen	0.45
96-4	238.00	239.00	1.00	128341	ALT	d GRN RED	au C	6%		4 - 5 %	magnetic red augen	0.29
96-4	239.00	239.40	0.40	128342	ALT	d GRN RED	au C	3%		1%	magnetic red augen	0.34
96-4	239.40	240.05	0.65	128343	ALT	GRY WIT	QC FC	2 - 3 %		1%	siderite	0.48

Appendix IIIa: Logs

Hole	From	To	Length	Sample	Alteration	Colour	Lithology	PY	PO	CP	Remarks	Cu %
96-4	240.05	241.00	0.95	128344	ALT	WIT	Q	1 - 4%				0.31
96-4	241.00	242.01	1.01	128345	ALT	WIT	Q	2%		< 1 %		0.17
Drillhole 96-3												
Drillhole sample intervals in METRES												
96-3	4.57	5.19	0.62	128346	WTH	BRN	SHL					0.01
96-3	5.19	5.73	0.54	128347		BLK	SHL	2 - 4 %			large euhedral Py	0.01
96-3	5.73	6.73	1.00	128348		d GRN	MV		tr			0.01
96-3	6.73	8.00	1.27	128349		BLK	SHL	2%			thin lenses of y	0.01
96-3	8.00	8.80	0.80	128350	ALT	l GRY	QS	1%	1%		hydraulic pressure figures	0.01
96-3	8.80	8.95	0.15	128351	w ALT	BLK	SHL QTZ	3 - 4 %			Py at contact qtz - shale	0.01
96-3	8.95	9.50	0.55	128352	ALT	l GRY	QS	> 1 %	tr			0.01
96-3	9.50	10.50	1.00	128353	vw ALT	BLK	SHL	1 - 2 %			Py in thin lenses	0.01
96-3	10.50	11.70	1.20	128354	w ALT		SHL QS	2 - 3 %				0.01
96-3	11.70	12.40	0.70	128355		BLK	SHL	2 - 3 %				0.01
96-3	12.40	12.62	0.22	128356	ALT	l GRY	QS	4 - 5 %	tr			0.01
96-3	12.62	13.00	0.38	128357	ALT	l GRY GRN	QS	1%	tr			0.01
96-3	13.00	14.00	1.00	128358	ALT	l GRY GRN	QS	1 - 3 %	tr			<0.01
96-3	14.00	15.00	1.00	128359	ALT	l GRY GRN	QS	1 - 3 %				<0.01
96-3	15.00	16.00	1.00	128360	ALT	l GRY GRN	QS	3 - 4 %				0.01
96-3	16.00	17.00	1.00	128361	ALT	l GRY GRN	QS	2%	<1%			0.01
96-3	17.00	18.00	1.00	128362	ALT	l GRY GRN	QS	1 %, loc 3 %	<1%			0.01
96-3	18.00	19.00	1.00	128363	ALT	l GRY GRN	QS	1 %, loc 2 %				<0.01
96-3	19.00	20.00	1.00	128364	ALT	l GRY GRN	QS	1 %, loc 3 %				0.01
96-3	20.00	21.00	1.00	128365	ALT	m GRY	QS	1 %, loc 5 %				0.01
96-3	21.00	22.00	1.00	128366	ALT	m GRY	QS	3%	1%			0.01
96-3	22.00	23.00	1.00	128367	ALT	d GRY	SHL QS	1%	<1%			0.01
96-3	23.00	24.00	1.00	128368	ALT	l GRY	QS	2%	1%			0.01
96-3	24.00	25.00	1.00	128369	ALT	m GRY	SHL QS	4 - 5 locally				0.04
96-3	25.00	26.00	1.00	128370	ALT	l GRY GRN	QS	2 %, loc 10 %				0.02
96-3	26.00	27.00	1.00	128371	ALT	l GRY GRN	QS	2 %, loc 3 - 5 %				0.03
96-3	27.00	28.00	1.00	128372	ALT	m GRY	QSC	1 - 2 %				0.01
96-3	28.00	29.00	1.00	128373	ALT	l GRY GRN	QSC	<1 %				<0.01
96-3	29.00	30.00	1.00	128374	ALT	d GRY	QSC	15 cm at 15 % at 29.6				0.02
96-3	30.00	31.00	1.00	128375	ALT	l GRY GRN	QSC	2 - 3 %, loc 5 %				0.01
96-3	31.00	32.00	1.00	128376	ALT	d GRN	QCS	2 - 3 %				0.03
96-3	32.00	33.00	1.00	128377	ALT	d GRN	QCS	1 - 2 %, loc 4 %				0.04
96-3	33.00	34.00	1.00	128378	ALT	l GRY GRN	QSC	2%				0.02
96-3	34.00	35.00	1.00	128379	ALT	l GRY GRN	QSC	<1 %				0.03
96-3	35.00	36.00	1.00	128380	ALT	m GRY GRN	QSC	1 - 2 %				0.02
96-3	36.00	37.00	1.00	128381	ALT	l GRY GRN	QSC	1 - 2 %				0.01
96-3	37.00	38.00	1.00	128382	ALT	l GRY GRN	QSC	1 - 2 %, loc 5 %				0.02
96-3	38.00	39.00	1.00	128383	ALT	l GRY GRN	QSC	1 - 2 %				0.01
96-3	39.00	40.00	1.00	128384	ALT	l GRY GRN	QSC	1 %, loc 2 - 3 %				0.09
96-3	40.00	41.00	1.00	128385	ALT	l GRY GRN	QSC	1 - 2 %				0.02
96-3	41.00	42.00	1.00	128386	ALT	l GRY GRN	QSC	1%, loc 2 %				0.01
96-3	42.00	43.00	1.00	128387	ALT	l GRY GRN	QSC	1 - 2 %				0.04
96-3	43.00	43.60	0.60	128388	ALT	vl GRY GRN	QS	1 - 2 %				0.04
96-3	43.60	44.40	0.80	128389	ALT	WIT	QTZ	1%				0.01
96-3	44.40	45.00	0.60	128390	ALT	l GRY GRN	QSC	1%				0.09

Appendix IIIa: Logs

Hole	From	To	Length	Sample	Alteration	Colour	Lithology	PY	PO	CP	Remarks	Cu %
96-3	45.00	46.00	1.00	128391	ALT	l GRY GRN	QSC	2 - 3 %				0.04
96-3	46.00	47.00	1.00	128392	ALT	l GRY GRN	QSC	2%, loc 20 %				0.11
96-3	47.00	48.00	1.00	128393	ALT	l GRY GRN	QSC	1%				0.01
96-3	48.00	49.00	1.00	128394	ALT	vl GRY	Q	1 - 2 %				0.04
96-3	49.00	50.00	1.00	128395	ALT	vl GRY	Q	top <1 % to 3 % at bottom				0.02
96-3	50.00	50.85	0.85	128396	ALT	l GRY	QS	2%				0.02
96-3	50.85	51.48	0.63	128397	ALT	vl GRY	Q	1%				0.02
96-3	51.48	52.00	0.52	128398	ALT	vl GRY	Q	< 1 %				0.02
96-3	52.00	53.00	1.00	128399	ALT	l GRY	QS	1 - 2 %				0.02
96-3	53.00	54.00	1.00	128400	ALT	l GRY	QS	1 - 2 %				0.01
96-3	54.00	55.00	1.00	128401	ALT	vl GRY	Q	1%				0.02
96-3	55.00	56.00	1.00	128402	ALT	vl GRY	Q	1 - 2 %				0.03
96-3	56.00	56.90	0.90	128403	ALT	l GRY	QS QTZ	< 1 %				0.02
96-3	56.90	58.00	1.10	128404	ALT	vl GRY	QS	1%, loc 4 %				0.01
96-3	58.00	59.00	1.00	128405	ALT	vl GRY	Q	1 - 2 %				0.02
96-3	59.00	60.00	1.00	128406	ALT	vl GRY	Q	< 1 %				0.01
96-3	60.00	61.00	1.00	128407	ALT	vl GRY	Q	< 1 %				0.01
96-3	61.00	62.00	1.00	128408	ALT	vl GRY	Q	2 % at the bottom				0.01
96-3	62.00	63.00	1.00	128409	ALT	vl GRY	RHY	loc 2 - 3 or 5 - 6 %				<0.01
96-3	63.00	64.00	1.00	128410	ALT	vl GRY	RHY	1%				<0.01
96-3	64.00	65.00	1.00	128411	ALT	vl GRY	RHY	1 - 2 %				0.02
96-3	65.00	66.00	1.00	128412	ALT	vl GRY	RHY	1%				0.01
96-3	66.00	67.00	1.00	128413	ALT	vl GRY	Q	1%				0.01
96-3	67.00	68.00	1.00	128414	ALT	vl GRY	Q	< 1 %				0.05
96-3	68.00	69.00	1.00	128415	ALT	vl GRY	Q	1%				<0.01
96-3	69.00	70.00	1.00	128416	ALT	vl GRY	Q	< 1 %				<0.01
96-3	70.00	71.00	1.00	128417	ALT	vl GRY	Q	< 1 %				0.01
96-3	71.00	71.50	0.50	128418	ALT	vl GRY	Q	loc 2 - 3 %				0.02
96-3	71.50	73.37	1.87	128419	ALT	WIT	QS QTZ	-				0.01
96-3	73.37	74.00	0.63	128420	ALT		Q	2 - 3 %				0.01
96-3	74.00	75.00	1.00	128421	ALT	vl GRY	QS	1 - 2 %				0.01
96-3	75.00	75.68	0.68	128422	ALT	BLK	SHL Q	loc 15cm at up to 15 %				0.01
96-3	75.68	76.50	0.82	128423	ALT	vl GRY	QS	1%				0.02
96-3	76.50	77.10	0.60	128424	ALT	vd GRY	SHL Q	5 %, loc up to 10 %				0.02
96-3	77.10	78.00	0.90	128425	ALT	l GRY	au RHY	-				0.01
96-3	78.00	79.00	1.00	128426	ALT	l GRY	au RHY	2%				0.06
96-3	79.00	80.00	1.00	128427	ALT	l GRY RED	au RHY	1%			Hematite stain	0.06
96-3	80.00	81.00	1.00	128428	ALT	l GRY	au RHY QS	1%				0.01
96-3	81.00	82.00	1.00	128429	ALT	l GRY	au RHY QS	2%				0.04
96-3	82.00	83.00	1.00	128430	ALT	l GRY	au RHY QS	4 - 5 %, loc 10 %		tr		0.11
96-3	83.00	84.00	1.00	128431	ALT	l GRY	au RHY QS	2 - 8 %				0.11
96-3	84.00	85.00	1.00	128432	ALT	l GRY	au RHY QS	1 - 2 %, loc 3 %				0.06
96-3	85.00	86.00	1.00	128433	ALT	vl GRY	QS FC	tr			orange siderite spots	0.01
96-3	86.00	87.00	1.00	128434	ALT	vl GRY	QS FC	1 %, loc up to 10 %			orange siderite spots	0.03
96-3	87.00	87.55	0.55	128435	ALT	vl GRY	QS FC	1 - 2 %		tr	orange siderite spots	0.01
96-3	87.55	88.00	0.45	128436	ALT	vl GRY	Q FC	< 1 %			white & orange spots	0.01
96-3	88.00	89.00	1.00	128437	ALT	vl GRY	Q	1%		tr	mottled	0.01
96-3	89.00	90.10	1.10	128438	ALT	vl GRY	QS FC	1 - 2 %		tr	orange siderite spots	0.01
96-3	90.10	90.53	0.43	128439	ALT	vl GRY	QS FC	1 - 2 %			orange siderite spots	0.01

Appendix IIIa: Logs

Hole	From	To	Length	Sample	Alteration	Colour	Lithology	PY	PO	CP	Remarks	Cu %
96-3	90.53	91.00	0.47	128440	ALT	l GRY	QS	1%				0.07
96-3	91.00	92.00	1.00	128441	ALT	l GRY	QS	1%				<0.01
96-3	92.00	92.40	0.40	128442	ALT	l GRY	QS	1%				0.01
96-3	92.40	93.28	0.88	128443	ALT	l GRY	Q	2%				0.01
96-3	93.28	93.80	0.52	128444	ALT	l GRY	QS	1%, loc up to 7 %				0.02
96-3	93.80	94.30	0.50	128445	ALT	WIT	Q	1 - 2 %			chert-like rock	0.01
96-3	94.30	95.50	1.20	128446		BEG	SHL	-				0.01
96-3	95.50	96.00	0.50	128447	ALT	l BEG	Q	-			96.3 - 97.7 : fault ?	0.01
96-3	96.00	99.00	3.00	128448	ALT	m GRY	SHL Q	< 1 %				0.01
96-3	99.00	102.00	3.00	128449	ALT	m GRY	SHL Q	1 - 2 %				<0.01
96-3	102.00	105.00	3.00	128450	ALT	m GRY	SHL Q	< 1 %				0.01
96-3	105.00	108.00	3.00	128451	ALT	GRY	SHL QS	< 1 %				0.01
96-3	108.00	111.00	3.00	128452	ALT	l GRY	QS	< 1 %		tr		0.05
96-3	111.00	114.00	3.00	128453	ALT	l GRY	QS	tr				0.01
96-3	114.00	117.00	3.00	128454	ALT	l GRY	QS	< 1 %				<0.01
96-3	117.00	120.00	3.00	128455	ALT	l GRY	Q	-				0.01
96-3	120.00	123.00	3.00	128456	ALT	l GRY	Q	1%	tr			<0.01
96-3	123.00	126.00	3.00	128457	ALT	l GRY	QS	1%				0.01
96-3	126.00	129.00	3.00	128458	ALT	l GRY	QS	tr				0.03
96-3	129.00	132.00	3.00	128459	ALT	l GRY	QS	loc up to 15 %			Kink banding	0.07
96-3	132.00	135.00	3.00	128460	ALT	l GRY	QS	< 1 %				0.09
96-3	135.00	138.00	3.00	128461	ALT	l GRY	QS	< 1 %				0.07
96-3	138.00	141.00	3.00	128462	ALT	l GRY	QS	< 1 %		tr		0.14
96-3	141.00	144.00	3.00	128463	ALT	l GRY	QS	< 1 %				0.05
96-3	144.00	147.00	3.00	128464	ALT	m GRY	QSC	loc. up to 5 %		tr		0.21
96-3	147.00	150.00	3.00	128465	ALT	m GRY	QCS	tr		< 0.5 %		0.34
96-3	150.00	153.00	3.00	128466	ALT	m GRY	QC	tr		tr		0.24
96-3	153.00	156.00	3.00	128467	ALT	m GRY	QC	< 1 %		< 0.5 %		0.32
96-3	156.00	159.00	3.00	128468	ALT	l GRY	QS	< 1 %		< 0.5 %	158.5 fault	0.30
96-3	159.00	162.00	3.00	128469	ALT	m GRY	QSC	tr		tr		0.26
96-3	162.00	165.00	3.00	128470	ALT	m GRY	QSC	tr		< 0.5 %	163.65 fault	0.33
96-3	165.00	168.00	3.00	128471	ALT	l GRY	QS	tr		tr		0.22
96-3	168.00	171.00	3.00	128472	ALT	l GRY	QS	1%				0.06
96-3	171.00	174.00	3.00	128473	ALT	l GRY	QS QTZ	1 - 2 %			173.85 - 174.4 Qtz siderite	0.05
96-3	174.00	177.00	3.00	128474	ALT	m GRY RED	QS QSC	3 - 5 %		tr	Hematite stain	0.12
96-3	177.00	180.00	3.00	128475	ALT	m GRY	QSC	1 %, loc up to 20 %		tr		0.06
96-3	180.00	183.00	3.00	128476	ALT	m GRY	QSC QTZ	loc up to 5 %		tr		0.19
96-3	183.00	186.00	3.00	128477	ALT	l GRY	QS	< 1 %				0.10
96-3	186.00	189.00	3.00	128478	ALT	l GRY	QS	loc up to 5 %		tr		0.13
96-3	189.00	192.00	3.00	128479	ALT	l GRY	QS	1 - 2 %		tr		0.22
96-3	192.00	195.00	3.00	128480	ALT	l GRY	QS	2 - 5 %		< 0.5 %		0.39
96-3	195.00	198.00	3.00	128481	ALT	vl GRY	Q	1 - 2 %		tr		0.21
96-3	198.00	201.00	3.00	128482	ALT	l GRY	Q	3 - 5 %		tr		0.28
96-3	201.00	204.00	3.00	128483	ALT	GRY	QS	2 - 3 %		tr		0.32
96-3	204.00	207.00	3.00	128484	ALT	GRY	QS	up to 5 %		< 0.5 %		0.35
96-3	207.00	210.00	3.00	128485	ALT	GRY	QS	4 - 6 %		tr		0.20
96-3	210.00	213.00	3.00	128486	ALT	GRY	QS	loc 2 - 3 %		< 0.5 %		0.35
96-3	213.00	216.00	3.00	128487	ALT	m GRY	QCS	< 1 %		< 0.5 %		0.38
96-3	216.00	219.00	3.00	128488	ALT	m GRY	QCS	loc 2 %		< 0.5 %	219 fault ?	0.49

Appendix IIIa: Logs

Hole	From	To	Length	Sample	Alteration	Colour	Lithology	PY	PO	CP	Remarks	Cu %
96-3	219.00	222.00	3.00	128489	ALT	m GRY	QCS	< 1 %		tr		0.20
96-3	222.00	225.00	3.00	128490	ALT	m GRY	QCS	1 - 2 %, loc 5 %		tr		0.25
96-3	225.00	228.00	3.00	128491	ALT	m GRY RED	QCS	1%		tr	Hematite stain	0.20
96-3	228.00	231.00	3.00	128492	ALT	m GRY RED	QCS	1 - 3 %, loc 5 %		< 0.5 %	Hematite stain	0.63
96-3	231.00	234.00	3.00	128493	ALT	m GRY	QCS	up to 10 % in Quartz		< 0.5 %		0.52
96-3	234.00	237.00	3.00	128494	ALT	md GRY	QC	1 - 3 %, loc 15 %		< 0.5 %		0.41
96-3	237.00	240.00	3.00	128495	ALT	l GRY	QS	10cm massive at 239.98		tr		0.12
96-3	240.00	243.00	3.00	128496	ALT	l GRY RED	Q QS	5cm massive at 240.5		< 0.5 %	Hematite stain	0.33
96-3	243.00	246.00	3.00	128497	ALT	l GRY	QS	1 - 2 %		tr		0.18
96-3	246.00	249.00	3.00	128498	ALT	l GRY	QS	2 %, loc 10 %		tr		0.14
96-3	249.00	252.00	3.00	128499	ALT	m GRY RED	QS	loc 10 %		< 0.5 %	Kink Hematite stain	0.82
96-3	252.00	255.00	3.00	128500	ALT	m GRY	QCS	1 - 2 %		< 0.5 %		0.57
96-3	255.00	258.00	3.00	128501	ALT	m GRY	QCS	loc 2 %		< 0.5 %	Kink banding	0.81
96-3	258.00	261.00	3.00	128502	ALT	m GRY	QCS	2 - 3 %, loc 5 - 6 %		< 0.5 %		0.69
96-3	261.00	264.00	3.00	128503	ALT	m GRY RED	QCS	3 - 5 %		< 0.5 %		0.63
96-3	264.00	267.00	3.00	128504	ALT	m GRY	QCS	2 - 4 %		< 0.5 %		0.60
96-3	267.00	270.00	3.00	128505	ALT	m GRY RED	QSC	1 - 2 %		tr		0.28
96-3	270.00	273.00	3.00	128506	ALT	l GRY	QS	1%, loc 5 %		tr		0.19
96-3	273.00	276.00	3.00	128507	ALT	m GRY RED	QSC	1%, loc 3 %		tr		0.16
96-3	276.00	279.00	3.00	128508	ALT	m GRN GRY	QCS	2 - 4 %		tr		0.19
96-3	279.00	282.00	3.00	128509	ALT	m GRN	QC	1 - 3 %, loc 10 %		tr		0.25
96-3	282.00	285.00	3.00	128510	ALT	m GRN GRY	QCS	2 - 4 %, loc 6 %		tr		0.39
96-3	285.00	288.00	3.00	128511	ALT	m GRY RED	QSC	3 - 5 %, loc 10 %		tr		0.19
96-3	288.00	291.00	3.00	128512	ALT	m GRY	QCS QTZ FC	1 - 3 %, loc 10 %		tr	late QTZ-siderite veins	0.37
96-3	291.00	294.00	3.00	128513	ALT	m GRY	QCS FC	1 - 3 %		< 0.5 %		0.49
96-3	294.00	297.00	3.00	128514	ALT	m GRY	QCS FC	1%		tr	orange siderite dots	0.24
96-3	297.00	300.00	3.00	128515	ALT	m GRY	QCS FC	loc 10 %		< 0.5 %	orange siderite dots	0.34
96-3	300.00	303.00	3.00	128516	ALT	m GRY	QCS FC	loc 2 - 5 %		< 0.5 %	orange siderite dots	0.44
96-3	303.00	306.00	3.00	128517	ALT	m GRY	QCS	1 - 3 %		< 0.5 %		0.38
96-3	306.00	309.00	3.00	128518	ALT	l GRN	QCS QTZ	5 - 10 %		tr		0.19
96-3	309.00	312.00	3.00	128519	ALT	l GRN	QCS QTZ	loc 2 - 3 %		tr		0.26
96-3	312.00	315.00	3.00	128520	ALT	l GRN	QTZ QC	1 - 3 %, loc 40 - 50 %		< 0.5 %		0.63
96-3	315.00	318.00	3.00	128521	ALT	m GRN	QC	1 - 2 %				0.10
96-3	318.00	321.00	3.00	128522	ALT	l GRN	QTZ QC	1 - 3 %				0.06
96-3	321.00	324.00	3.00	128523	ALT	GRN WIT RED	QTZ QCS	2 - 3 %		tr	sporadic reddish tint	0.08
96-3	324.00	327.00	3.00	128524	ALT	GRN GRY	QSC FC	2 - 3 %, loc 10 %		tr	Siderite	0.27
96-3	327.00	330.00	3.00	128525	ALT	m GRY	QSC FC	1 - 3 %, loc 5 - 10 %		tr	Siderite	0.30
96-3	330.00	333.00	3.00	128526	ALT	m GRY	QSC FC	loc 10 %		tr	Siderite	0.16
96-3	333.00	336.00	3.00	128527	ALT	m GRY	QSC FC	1 - 3 %, loc 5 %		tr	Siderite	0.19
96-3	336.00	339.00	3.00	128528	ALT	l GRY	QS QTZ	2 - 3 %				0.12
96-3	339.00	342.00	3.00	128529	ALT	l GRY	QS	loc 2 - 3 %		tr		0.12
96-3	342.00	345.00	3.00	128530	ALT	l GRY	QS	1%, loc 2 - 3 %			344 fault zone ?	0.02
96-3	345.00	348.00	3.00	128531	ALT	l GRY	QS	1 - 2 %, loc 5 - 10 %				0.01
96-3	348.00	351.00	3.00	128532	ALT	l GRY	QS	1 - 3 %, loc 8 %				0.01
96-3	351.00	354.00	3.00	128533	ALT	l GRY	QS	5%, loc 7 %				0.02
96-3	354.00	357.00	3.00	128534	ALT	m GRY	QCS	5 - 10 %				<0.01
96-3	357.00	360.00	3.00	128535	ALT	l GRY	QS	up to 10 %				<0.01
96-3	360.00	363.00	3.00	128536	ALT	l GRY	QS	1 - 3 %, loc 5 %				0.01
96-3	363.00	366.00	3.00	128537	ALT	l GRY	QS	2 - 4 %			Kink banding	0.01

Hole	From	To	Length	Sample	Alteration	Colour	Lithology	PY	PO	CP	Remarks	Cu %
96-3	366.00	369.00	3.00	128538	ALT	l GRY	QS	2 - 4 %, loc 6 %				<0.01
96-3	369.00	372.00	3.00	128539	ALT	l GRY	QS	1%, loc 10 %			371 fault ?	<0.01
96-3	372.00	375.00	3.00	128540	ALT	m GRY GRN	QSC	1 - 2 %			Kink banding	<0.01
96-3	375.00	378.00	3.00	128541		d GRY GRN	SHL	1 - 2 %				0.01
96-3	378.00	380.09	2.09	128542		d GRY GRN	SHL	1%				<0.01
Drillhole J-25												
Drillhole sample intervals in FEET												
J25	17.00	39.00	22.00	128543		l GRN	SHL	abondant	minor	< 0.5 %	Kink banding	0.05
J25	39.00	49.00	10.00	128544		l GRN	MT	abondant	some	< 0.5 %		0.07
J25	49.00	59.00	10.00	128545		l GRN	MT	minor	some	< 0.5 %		0.02
J25	59.00	69.00	10.00	128546		l GRN	MT	abondant	abondant	tr		0.08
J25	69.00	79.00	10.00	128547		m GRN	MV	minor	some	< 0.5 %		0.04
J25	79.00	89.00	10.00	128548		m GRN	MV	minor	some	< 0.5 %		0.03
J25	89.00	99.00	10.00	128549		m GRN	MV	abondant	abondant	< 0.5 %		0.06
J25	99.00	109.00	10.00	128550		m GRN	MV	abondant	some	< 0.5 %		0.03
J25	109.00	119.00	10.00	128551		m GRN	MV	minor	some	< 0.5 %		0.06
J25	119.00	129.00	10.00	128552	ALT	lm GRY	QSC	minor	some	< 0.5 %		0.03
J25	129.00	139.00	10.00	128553	ALT	lm GRY	QSC	abondant	trace	tr		0.01
J25	139.00	149.00	10.00	128554	ALT	l GRY	QSC	minor	trace			0.01
J25	154.00	164.00	10.00	34289	ALT	l GRY	QSC	minor	trace	tr		0.26
J25	164.00	175.00	11.00	34290	ALT	lm GRY	QSC	abondant				0.12
J25	180.00	190.00	10.00	128555		l GRN	SHL	some	abondant	< 0.5 %		0.03
J25	190.00	200.00	10.00	128556		l GRN	SHL	abondant	minor	< 0.5 %		0.04
J25	200.00	210.00	10.00	128557	ALT	l GRY	QSC	some	minor	tr		0.02
J25	210.00	220.00	10.00	128558	ALT	m GRY	QSC	some	minor	< 0.5 %		0.03
J25	220.00	230.00	10.00	128559	ALT	m GRN GRY	QCS	abondant	minor	tr		0.03
J25	230.00	240.00	10.00	128560	ALT	m GRN GRY	QCS	some	abondant	< 0.5 %		0.05
J25	240.00	250.00	10.00	128561	ALT	m GRN GRY	QCS	some	abondant	tr		0.02
J25	250.00	260.00	10.00	128562	ALT	m GRN GRY	QCS	some	minor	tr		0.02
J25	260.00	270.00	10.00	128563	ALT	m GRY	QCS	abondant	trace	< 0.5 %		0.04
J25	270.00	280.00	10.00	128564	ALT	l GRY	QSC	minor	trace	tr		0.01
J25	280.00	290.00	10.00	128565	ALT	l GRY	QSC	minor	trace	tr		0.02
J25	290.00	295.00	5.00	128566	ALT	l GRY	QSC	abondant		tr		<0.01
J25	318.00	328.00	10.00	128567	ALT	vl GRY	QS	some		tr		0.01
J25	328.00	338.00	10.00	128568	ALT	vl GRY	au QS	abondant		tr		<0.01
J25	338.00	348.00	10.00	128569	ALT	l GRY	QSC	some	trace	tr		0.02
J25	348.00	358.00	10.00	128570	ALT	l GRY	QSC	some	trace	< 0.5 %		0.01
J25	358.00	368.00	10.00	128571	ALT	l GRY	QSC	abondant		< 0.5 %		0.06
J25	368.00	378.00	10.00	128572	ALT	l GRY	QSC	some	some	< 1 %		0.14
J25	378.00	388.00	10.00	128573	ALT	l GRY	QSC	some	trace	< 0.5 %		0.10
J25	388.00	398.00	10.00	128574	ALT	m GRY	QCS	minor		< 0.5 %		0.09
J25	398.00	408.00	10.00	128575	ALT	m GRY	QCS	abondant		< 0.5 %		0.08
J25	408.00	418.00	10.00	128576	ALT	m GRY	QCS	some	trace	< 0.5 %		0.07
J25	418.00	428.00	10.00	128577	ALT	m GRY	QCS	abondant		< 0.5 %		0.07
J25	428.00	438.00	10.00	128578	ALT	l GRY	QSC	some		< 0.5 %		0.09
J25	438.00	448.00	10.00	128579	ALT	m GRY	QCS	some		< 0.5 %		0.12

Appendix IIIa: Logs

Hole	From	To	Length	Sample	Alteration	Colour	Lithology	PY	PO	CP	Remarks	Cu %
J25	448.00	458.00	10.00	128580	ALT	m GRY	QCS	some		< 1 %		0.17
J25	458.00	468.00	10.00	128581	ALT	l GRY	QSC	abondant		1%		0.26
J25	468.00	478.00	10.00	128582	ALT	l GRY	QSC	some		1%		0.54
J25	478.00	488.00	10.00	128583	ALT	l GRY	QSC	some		< 1 %		0.31
J25	488.00	498.00	10.00	128584	ALT	vl GRY	Q QS	minor		< 0.5 %		0.06
J25	498.00	508.00	10.00	128585	ALT	l GRY	QSC	some		< 1 %	Kink banding	0.18
J25	508.00	518.00	10.00	128586	ALT	m GRY	QCS	abondant		1%		0.27
J25	518.00	534.00	16.00	128587	ALT	l GRY	QSC	abondant		1%		0.55
J25	534.00	544.00	10.00	128588	ALT	vl GRY	Q QS QTZ FC	minor		1%	QTZ - siderite vein 50cm	0.17
J25	544.00	554.00	10.00	128589	ALT	l GRY	QSC	abondant		< 1 %		0.42
J25	554.00	564.00	10.00	128590	ALT	l GRY	QSC	minor		< 1 %		0.12
J25	564.00	574.00	10.00	128591	ALT	l GRY	QSC	some		< 1 %		0.57
J25	574.00	584.00	10.00	128592	ALT	vl GRY	QS	abondant		< 1 %	many qtz veins	0.22
J25	584.00	594.00	10.00	128593	ALT	WIT	Q	minor		2%	quartzite, cherty or	0.34
J25	594.00	604.00	10.00	128594	ALT	WIT	Q	minor		< 1 %	greenish transparent	0.11
J25	604.00	609.00	5.00	128595	ALT	l GRY	QSC	abondant		1%		0.45
J25	632.00	642.00	10.00	128596	ALT	l GRY	QSC	minor		1%		0.56
J25	642.00	652.00	10.00	128597	ALT	RED	QS	some		2%	strong oxidation	0.81
J25	652.00	662.00	10.00	128598	ALT	RED m GRY	QSC	abondant		1%		0.65
J25	662.00	672.00	10.00	128599	ALT	l GRY	QSC	minor		1%		0.30
J25	672.00	682.00	10.00	128600	ALT	l GRY	QSC	some		2%		0.60
J25	682.00	692.00	10.00	128601	ALT	l GRY	QSC	abondant		1%		0.32
J25	692.00	702.00	10.00	128602	ALT	l GRY	QSC	some		< 1 %		0.24
J25	702.00	705.00	3.00	128603	ALT	l GRY	QSC	some		< 1 %		0.24
Drillhole NH-11												
Drillhole sample intervals in FEET												
NH11	30.00	40.00	10.00	128604	ALT	l GRY	QSC	2 - 3 %, loc 15 to 30 %		< 0.5 %		0.03
NH11	40.00	50.00	10.00	128605	ALT	l GRY	QSC	4%				0.01
NH11	50.00	60.00	10.00	128606	ALT	l GRY	Q QSC	5%				0.01
NH11	60.00	70.00	10.00	128607	ALT	l GRY	QCS	5%		< 0.5 %		0.05
NH11	70.00	80.00	10.00	128608	ALT	l GRY	QS	3 - 6 %				0.01
NH11	80.00	90.00	10.00	128609	ALT	m GRY	QCS	2 - 8 %				0.01
NH11	90.00	100.00	10.00	128610	ALT	m GRY	QCS	1%		tr		0.02
NH11	100.00	110.00	10.00	128611	ALT	m GRY	QCS	2 - 3 %	tr	< 0.5 %		0.03
NH11	110.00	120.00	10.00	128612	ALT	m GRY	QCS	1 - 2 %	tr			0.13
NH11	120.00	130.00	10.00	128613	ALT	d GRY	QCS	1%				1.67
NH11	130.00	140.00	10.00	128614	ALT	d GRY	QCS	1 - 2 %			bands of massive sulfide	2.06
NH11	140.00	150.00	10.00	128615	ALT	d GRY	QCS	< 1 %				0.96
NH11	150.00	160.00	10.00	128616	ALT	m GRY	QCS	1%				0.93
NH11	160.00	170.00	10.00	128617	ALT	m GRY	QSC	< 1 %				0.44
NH11	170.00	180.00	10.00	128618	ALT	l GRY	QSC	1 - 2 %		2%		0.54
NH11	180.00	190.00	10.00	128619	ALT	m GRY	QSC	1 - 15 %		< 0.5 %		0.08
NH11	190.00	200.00	10.00	128620	ALT	l GRY	QSC	1%		< 1 %		0.14
NH11	200.00	210.00	10.00	128621	ALT	m GRY	QSC	1 - 2 %, up to 10 %		< 0.5 %	207 fault ?	0.12
NH11	210.00	220.00	10.00	128622	ALT	l GRY	QS	2 - 20 %		1%		0.34
NH11	220.00	230.00	10.00	128623	ALT	d GRY	QC	1 - 2 %		1%		0.42
NH11	230.00	240.00	10.00	128624	ALT	vl GRY BLU	Q	2 - 3 %		1%	Quartz cherty bluish	0.40
NH11	240.00	250.00	10.00	128625	ALT	l GRY	QSC	2 - 6 %		1%		0.25

Appendix IIIa: Logs

Hole	From	To	Length	Sample	Alteration	Colour	Lithology	PY	PO	CP	Remarks	Cu %
NH11	250.00	260.00	10.00	128626	ALT	m GRY	QS	1%		< 1 %		0.06
NH11	260.00	270.00	10.00	128627	ALT	l GRY	Q QS	2 - 3 %		2%		0.54
NH11	270.00	280.00	10.00	128628	ALT	l GRY	Q QS	2 - 3 %		< 1 %		0.22
NH11	280.00	290.00	10.00	128629	ALT	BEG	Q QS	2 - 3 %		< 1 %		0.17
NH11	290.00	300.00	10.00	128630	ALT	BEG	QS	1 - 2 %		1%		0.36
NH11	300.00	310.00	10.00	128631	ALT	BEG	Q	1 - 2 %		1%		0.28
NH11	310.00	320.00	10.00	128632	ALT	m GRY	QSC	4%		< 1 %		0.23
NH11	320.00	330.00	10.00	128633	ALT	d GRY	Q QCS	3 %, loc 40 %		< 1 %		0.11
NH11	330.00	340.00	10.00	128634	ALT	l GRY BEG	Q	2 %, loc 10 %		1%		0.10
NH11	340.00	350.00	10.00	128635	ALT	l GRY	Q QS	1%		tr		0.02
NH11	350.00	355.00	5.00	128636	ALT	l GRY	QS	< 1 %				0.03
Drillhole J-17												
Drillhole sample intervals in FEET												
J17	147.00	157.00	10.00	128651	ALT	l GRY	QSC	minor		< 1 %		0.22
J17	157.00	167.00	10.00	128652	ALT	l GRY	QSC	minor		< 1 %		0.36
J17	167.00	177.00	10.00	128653	ALT	l GRY	Q QS	minor		1%		0.20
J17	177.00	187.00	10.00	128654	ALT	l GRY	QSC	some		< 0.5 %		0.28
J17	187.00	197.00	10.00	128655	ALT	l GRY	QSC	abundant		< 0.5 %		0.11
J17	197.00	207.00	10.00	128656	ALT	l GRY	QSC	abundant		< 1 %		0.10
J17	207.00	217.00	10.00	128657	ALT	l GRY	QSC	abundant		1%		0.34
J17	217.00	227.00	10.00	128658	ALT	l GRY	QSC	abundant		< 1 %		0.18
J17	227.00	237.00	10.00	128659	ALT	l GRY	QS	abundant		< 0.5 %		0.06
J17	237.00	247.00	10.00	128660	ALT	l GRY	QS	some		< 0.5 %		0.12
J17	247.00	257.00	10.00	128661	ALT	m GRY	QCS	some		1%		0.38
J17	257.00	267.00	10.00	128662	ALT	l GRY	QSC	some		< 1 %		0.31
J17	267.00	277.00	10.00	128663	ALT	l GRY	QSC	some		< 0.5 %		0.16
J17	277.00	287.00	10.00	128664	ALT	m GRY	QCS	some		1%		0.32
J17	287.00	297.00	10.00	128665	ALT	l GRY	Q QS	minor		< 0.5 %		0.10
J17	297.00	307.00	10.00	128666	ALT	l GRY	QSC	minor		< 1 %		0.26
J17	307.00	317.00	10.00	128667	ALT	l GRY	QSC	minor		< 0.5 %		0.23
J17	317.00	327.00	10.00	128668	ALT	l GRY	QSC	very adundant		1%	323 minor siderite	0.22
J17	327.00	337.00	10.00	128669	ALT	GRY	Q QC	abundant		1%	tr siderite	0.86
J17	337.00	347.00	10.00	128670	ALT	GRY	Q QC	abundant		< 1 %		0.26
J17	347.00	357.00	10.00	128671	ALT	GRY	Q QC	some		< 1 %		0.13
J17	357.00	367.00	10.00	128672	ALT	l GRY	QSC	abundant		1%		0.41
J17	367.00	377.00	10.00	128673	ALT	l GRY	Q QSC	some		1%		0.46
J17	377.00	387.00	10.00	128674	ALT	l GRY	QSC	some		1%		0.54
J17	387.00	397.00	10.00	128675	ALT	BEG	Q	abundant		1%		0.46
J17	397.00	407.00	10.00	128676	ALT	m GRN GRY	QSC FC TLC	some		1%	403-407:abundant siderite	0.28
J17	407.00	417.00	10.00	128677	ALT	m GRN GRY	Q QCS FC	abundant		1%	407-417:siderite breccia	0.54
J17	417.00	427.00	10.00	128678	ALT	m GRN GRY	Q QC FC	abundant		< 1 %	siderite	0.39
J17	427.00	437.00	10.00	128679	ALT	m GRN GRY	Q QC FC	some		< 1 %	siderite	0.40
J17	437.00	447.00	10.00	128680	ALT	m GRN GRY	Q QC FC	some		< 0.5 %	siderite	0.16
J17	447.00	457.00	10.00	128681	ALT	m GRY	QC	abundant		1%		0.29
J17	457.00	467.00	10.00	128682	ALT	m GRY	QC	abundant		< 1 %		0.33
J17	467.00	477.00	10.00	128683	ALT	BLU	Q	some		< 1 %	blue quartz	0.22
J17	477.00	487.00	10.00	128684	ALT	GRY BLU	Q QC	abundant		< 1 %		0.25
J17	487.00	497.00	10.00	128685	ALT	BLU GRN	Q	abundant		< 1 %	quartz blue to green	0.22
J17	497.00	507.00	10.00	128686	ALT	BLU	QC	some		< 1 %		0.16

Appendix IIIa: Logs

Hole	From	To	Length	Sample	Alteration	Colour	Lithology	PY	PO	CP	Remarks	Cu %
J17	507.00	517.00	10.00	128687	ALT	BLU	Q	some		1%	bluish quartz	0.28
J17	517.00	527.00	10.00	128688	ALT	BLU WIT	Q	abundant		2%	bluish whitish quartz	0.60
J17	527.00	537.00	10.00	128689	ALT	d GRN GRY	au QC	very adundant		2%	figures of Cp replacing Py	1.11
J17	537.00	547.00	10.00	128690	ALT	BLU WIT	Q	minor		1%	bluish whitish quartz	0.54
J17	547.00	557.00	10.00	128691	ALT	BEG	QS	abundant		< 0.5 %		0.17
J17	557.00	567.00	10.00	128692	ALT	BEG	QS FC	some		< 0.5 %	minor siderite	0.09
J17	567.00	577.00	10.00	128693	ALT	BEG	QS FC	some		< 1 %	minor siderite	0.24
J17	577.00	587.00	10.00	128694	ALT	m GRY	QCS	some		< 1 %		0.24
J17	587.00	597.00	10.00	128695	ALT	l GRY	QSC	minor		< 1 %		0.17
J17	597.00	607.00	10.00	128696	ALT	l GRY	QSC	minor		< 1 %		0.32
J17	607.00	617.00	10.00	128697	ALT	l GRY	QSC	minor		< 1 %		0.31
J17	617.00	627.00	10.00	128698	ALT	m GRY	QCS	minor		< 1 %		0.29
J17	627.00	637.00	10.00	128699	ALT	m GRY	QC FC	minor		< 1 %	siderite, thin magnetite vein	0.22
J17	637.00	647.00	10.00	128700	ALT	l GRY	QSC	minor		< 1 %		0.25
J17	647.00	657.00	10.00	128701	ALT	l GRY	QSC	minor		< 1 %		0.31
J17	657.00	667.00	10.00	128702	ALT	m GRY YWL	QCS FC	some	some	< 1 %	yellowish siderite dots	0.30
J17	667.00	677.00	10.00	128703	ALT	m GRY YWL	QCS FC	some	some	< 1 %	yellowish siderite dots	0.16
J17	677.00	687.00	10.00	128704	ALT	m GRY YWL	QCS FC	some		1%	yellowish siderite dots	0.32
J17	687.00	697.00	10.00	128705	ALT	l GRY	QSC	some		< 1 %		0.17
J17	697.00	707.00	10.00	128706	ALT	l GRY	QSC	abundant		< 0.5 %		0.11
J17	707.00	717.00	10.00	128707	ALT	RED	QSC FC	abundant		2%	bright red siderite	0.45
J17	717.00	727.00	10.00	128708	ALT	RED	QSC FC	some		1%	bright red siderite	0.63
J17	727.00	737.00	10.00	128709	ALT	RED	QSC FC	abundant		1%	bright red siderite	0.53
J17	737.00	747.00	10.00	128710	ALT	l GRY YLW	QSC FC	abundant		1%	yellow siderite	0.46
J17	747.00	757.00	10.00	128711	ALT	l GRY YLW	QSC FC	minor		1%	yellow siderite	0.54
J17	757.00	767.00	10.00	128712	ALT	lm GRY TLC	QSC FC	minor		2%	tr of siderite	0.47
J17	767.00	777.00	10.00	128713	ALT	lm GRY	QSC FC	some		1%	tr of siderite	0.59
J17	777.00	787.00	10.00	128714	ALT	lm GRY	QSC FC	some		1%	tr of siderite	0.56
J17	787.00	797.00	10.00	128715	ALT	lm GRY	QSC FC	minor		1%	tr of siderite	0.39
J17	797.00	807.00	10.00	128716	ALT	lm GRY	QSC FC	some		1%	tr of siderite	0.47
J17	807.00	817.00	10.00	128717	ALT	lm GRY	QSC FC	minor		1%	tr of siderite	0.55
J17	817.00	827.00	10.00	128718	ALT	lm GRY	QSC FC	minor		1%	tr of siderite, arsenopyrite?	0.36
J17	827.00	837.00	10.00	128719	ALT	l GRY	QS QTZ	minor		< 0.5 %		0.17
J17	837.00	847.00	10.00	128720	ALT	l GRY	QS QTZ	some		< 1 %		0.34
J17	847.00	857.00	10.00	128721	ALT	m GRY	QSC FC	abundant		1%	tr of siderite	0.25
J17	857.00	867.00	10.00	128722	ALT	l GRY	QSC	abundant		2%		0.53
J17	867.00	877.00	10.00	128723	ALT	l GRY	QSC	abundant		1%		0.40
J17	877.00	887.00	10.00	128724	ALT	l GRY	QSC	abundant		1%		0.36
J17	887.00	897.00	10.00	128725	ALT	l GRY	QSC	abundant		1%		0.45
J17	897.00	907.00	10.00	128726	ALT	l GRY	QSC	abundant		< 1 %		0.44
J17	907.00	917.00	10.00	128727	ALT	l GRY	QSC	abundant		1%		0.30
J17	917.00	927.00	10.00	128728	ALT	l GRY	QSC	abundant	trace	1%		0.44
J17	927.00	937.00	10.00	128729	ALT	l GRY	QSC	abundant	some	1%		0.66
J17	937.00	947.00	10.00	128730	ALT	l GRY	QSC	some	some	< 1 %		0.37
J17	947.00	957.00	10.00	128731	ALT	l GRY	QSC	some	some	< 1 %		0.27
J17	957.00	967.00	10.00	128732	w ALT	l GRY	SHL	abundant	some	< 1 %		0.30
J17	967.00	977.00	10.00	128733	ALT	l GRY	Q QS	some		< 0.5 %		0.11
J17	977.00	987.00	10.00	128734	ALT	l GRY	QSC	abundant		< 0.5 %		0.13
J17	987.00	997.00	10.00	128735	ALT	l GRY	QSC	abundant		< 1 %		0.18

Appendix IIIa: Logs

Hole	From	To	Length	Sample	Alteration	Colour	Lithology	PY	PO	CP	Remarks	Cu %
J17	997.00	1007.00	10.00	128736	ALT	l GRY	QSC	some	trace	< 0.5 %		0.09
J17	1007.00	1017.00	10.00	128737	ALT	lm GRY	QC	abundant		tr	1008 : thin magnetite veins	0.04
J17	1017.00	1027.00	10.00	128738	ALT	m GRY RED	Q QC	abundant		tr	red tint locally, slightly magnetic	0.03
J17	1027.00	1037.00	10.00	128739	ALT	RED	QSC FC	abundant		tr	1023-1032 massive red siderite	0.02
J17	1037.00	1047.00	10.00	128740	ALT	l GRY RED	Q QTZ FC	abundant		< 0.5 %	red stripes	0.04
J17	1047.00	1057.00	10.00	128741	ALT	lm GRY	QCS	some		tr		0.04
J17	1057.00	1067.00	10.00	128742	ALT	lm GRY	QCS	minor		tr		0.03
J17	1067.00	1077.00	10.00	128743	ALT	m GRY	QC	abundant				0.01
J17	1077.00	1087.00	10.00	128744	ALT	m GRY	QC	minor		tr		0.02
J17	1087.00	1097.00	10.00	128745	ALT	m GRY	QC	some				<0.01
J17	1097.00	1107.00	10.00	128746	ALT	m GRY	QC	abundant				<0.01
J17	1107.00	1117.00	10.00	128747	ALT	m GRY	QC	abundant		tr		0.01
J17	1117.00	1127.00	10.00	128748	ALT	m GRY	QC	some	some	tr		0.01
J17	1127.00	1137.00	10.00	128749	ALT	vd GRY	SHL	abundant	some	tr		0.03
J17	1137.00	1147.00	10.00	128750		BLK	SHL	some	some	tr		0.03
J17	1147.00	1157.00	10.00	128751		BLK	SHL	some	some			0.03
J17	1157.00	1167.00	10.00	128752		BLK	SHL	some		tr		0.01
J17	1167.00	1177.00	10.00	128753		BLK	SHL	abundant		tr		0.01
J17	1177.00	1187.00	10.00	128754		BLK	SHL	some		tr		0.01
J17	1187.00	1197.00	10.00	128755		BLK	SHL	minor				0.01
J17	1197.00	1205.00	8.00	128756		BLK	SHL	minor				
Drillhole J-5X												
Drillhole sample intervals in FEET												
J5X	725.00	730.00	5.00	128637	ALT	l GRY	QS	minor		< 0.5 %		0.09
J5X	730.00	740.00	10.00	128638	ALT	m GRY	Q QSC	minor		1%		0.10
J5X	740.00	750.00	10.00	128639	ALT	m GRY	QSC	minor		1%		0.50
J5X	750.00	760.00	10.00	128640	ALT	d RED BRN	QSC FC	trace		1%	abundant siderite	0.37
J5X	760.00	770.00	10.00	128641	ALT	l GRY	QSC	minor		1%		0.38
J5X	770.00	780.00	10.00	128642	ALT	l GRY	QSC	minor		1%		0.44
J5X	780.00	790.00	10.00	128643	ALT	l GRY	QSC	minor		1%		0.50
J5X	790.00	800.00	10.00	128644	ALT	l GRY	QSC	minor		1%		0.40
J5X	800.00	810.00	10.00	128645	ALT	m GRY	QCS	some		1%	805: slightly magnetic	0.53
J5X	810.00	820.00	10.00	128646	ALT	l GRY	QSC	minor		3%		0.88
J5X	820.00	830.00	10.00	128647	ALT	l GRY	QSC	minor		< 1 %		0.30
J5X	830.00	840.00	10.00	128648	ALT	l GRY	QSC	minor		< 0.5 %	sphalerite ?	0.16
J5X	840.00	850.00	10.00	128649	ALT	l GRY	QSC	abundant		tr	arsenopyrite	0.05
J5X	850.00	860.00	10.00	128650	ALT	l GRY	QSC	abundant		< 0.5 %		0.11
J5X	860.00	870.00	10.00	128757	ALT	vl GRY	QS	abundant		< 1 %		0.01
J5X	870.00	880.00	10.00	128758	ALT	vl GRY	QS	some		1%		0.31
J5X	880.00	891.00	11.00	128759	ALT	vl GRY	QS	abundant		< 0.5 %		0.06
Drillhole J-26												
Drillhole sample intervals in FEET												
J26	15.00	20.00	5.00	128760	ALT	vl GRY	au QS	some				0.02
J26	20.00	30.00	10.00	128761	ALT	vl GRY	au QS	some				0.01
J26	30.00	40.00	10.00	128762	ALT	vl GRY	au QS	some		tr		0.01
J26	40.00	50.00	10.00	128763	ALT	l GRY	QSC	some				0.01
J26	50.00	60.00	10.00	128764	ALT	m GRY	QCS FC	some		< 0.5 %		0.03
J26	60.00	70.00	10.00	128765	ALT	m GRY	QCS FC	abundant		tr	yellowish siderite dots	0.01
J26	70.00	80.00	10.00	128766	ALT	l GRY	Q QSC	some		< 0.5 %		0.04

Appendix IIIa: Logs

Hole	From	To	Length	Sample	Alteration	Colour	Lithology	PY	PO	CP	Remarks	Cu %
J26	80.00	90.00	10.00	128767	ALT	m GRY	QCS	some				0.01
J26	90.00	100.00	10.00	128768	ALT	m GRY	QCS	abundant		< 0.5 %		0.04
J26	100.00	110.00	10.00	128769	ALT	m GRY	QCS	some		< 0.5 %		0.02
J26	110.00	120.00	10.00	128770	ALT	m GRY	QCS	some		< 0.5 %		0.02
J26	120.00	130.00	10.00	128771	ALT	md GRY	C	abundant		tr		0.01
J26	130.00	140.00	10.00	128772	ALT	m GRY	QCS	abundant		< 0.5 %		0.07
J26	140.00	150.00	10.00	128773	ALT	m GRY	QCS	some		tr		0.02
J26	150.00	160.00	10.00	128774	ALT	GRN GRY	C QTZ	some		< 0.5 %	Late Qtz siderite veins	0.06
J26	160.00	170.00	10.00	128775	ALT	GRN GRY	Q QCS	minor		< 0.5 %		0.05
J26	170.00	180.00	10.00	128776	ALT	GRN GRY	Q QCS	minor		tr		0.01
J26	180.00	190.00	10.00	128777	ALT	GRN GRY	C	minor		< 1 %		<0.01
J26	210.00	220.00	10.00	128780	ALT	m GRN	QS QTZ	some		tr		<0.01
J26	220.00	230.00	10.00	128781	ALT	d GRN	C FC	abundant		tr	yellowish siderite crystals	0.22
J26	230.00	240.00	10.00	128782	ALT	d GRN	C	some		< 1 %		0.13
J26	240.00	250.00	10.00	128783	ALT	d GRN	C	abundant		< 1 %		0.23
J26	250.00	260.00	10.00	128784	ALT	d GRN	C	abundant		< 1 %		0.26
J26	260.00	270.00	10.00	128785	ALT	l GRN	QCS	abundant		1%		0.37
J26	270.00	280.00	10.00	128786	ALT	l GRY	Q QS	some		< 1 %		0.29
J26	280.00	290.00	10.00	128787	ALT	l GRY	QTZ QS	minor		< 1 %		0.29
J26	290.00	300.00	10.00	128788	ALT	l GRY	QS	minor		< 1 %		0.16
J26	300.00	310.00	10.00	128789	ALT	m GRY	QSC	some		< 1 %		0.32
J26	310.00	320.00	10.00	128790	ALT	l GRY	QS	minor	minor	< 0.5 %		0.07
J26	320.00	330.00	10.00	128791	ALT	l GRY	QS	minor		< 0.5 %		0.17
J26	330.00	340.00	10.00	128792	ALT	l GRY	QS	minor		< 0.5 %	tetrahedrite possible	0.21
J26	340.00	350.00	10.00	128793	ALT	m GRY	QCS	some		< 0.5 %		0.13
J26	350.00	360.00	10.00	128794	ALT	l GRY	QSC TLC	minor		< 0.5 %	talc abundant	n/a
J26	360.00	370.00	10.00	128795	ALT	l GRY	au QSC TLC	minor		< 0.5 %	talc abuhdant	n/a
J26	370.00	380.00	10.00	128796	ALT	l GRY	QSC	abundant		< 0.5 %		0.06
J26	380.00	390.00	10.00	128797	ALT	l GRY	QSC FC	abundant		< 0.5 %	specks of orange siderite	0.05
J26	390.00	400.00	10.00	128798	ALT	l GRY	QTZ QSC	abundant		< 0.5 %	Late Qtz siderite veins	0.26
J26	400.00	410.00	10.00	128799	ALT	l GRN	QC	some		< 1 %		0.28
J26	410.00	420.00	10.00	128800	ALT	l GRN	QC	abundant		< 1 %		0.25
J26	420.00	430.00	10.00	128801	ALT	l GRY	QSC	abundant		< 1 %		0.16
J26	430.00	440.00	10.00	128802	ALT	l GRY	QSC	some		< 1 %		0.19
J26	440.00	450.00	10.00	128803	ALT	l GRY	QSC	some		< 1 %		0.26
J26	450.00	460.00	10.00	128804	ALT	GRN GRY	QCS	some		< 1 %		0.28
J26	460.00	470.00	10.00	128805	ALT	GRN GRY	QC	abundant		1%		0.48
J26	470.00	480.00	10.00	128806	ALT	GRN GRY	QC	abundant		1%		0.47
J26	480.00	490.00	10.00	128807	ALT	ml GRY	QSC	some		< 0.5 %		0.14
J26	490.00	496.00	6.00	128808	ALT	ml GRY	QSC	minor		< 0.5 %		0.06
J26	518.00	530.00	12.00	128809	ALT	ml GRY	QSC	minor		< 0.5 %		0.21
J26	530.00	540.00	10.00	128810	ALT	ml GRY	QSC	some		< 1 %		0.19
J26	540.00	550.00	10.00	128811	ALT	ml GRY	QSC	some		1%		0.34
J26	550.00	560.00	10.00	128812	ALT	ml GRY	QSC	some		1%		0.37
J26	560.00	570.00	10.00	128813	ALT	m GRY FC	QCS	some		1%	specks of orange siderite	0.36
J26	570.00	580.00	10.00	128814	ALT	m GRY	QC	minor		1%		0.54
J26	580.00	590.00	10.00	128815	ALT	m GRY	Q QC	abundant		2%		0.74

Appendix IIIa: Logs

Hole	From	To	Length	Sample	Alteration	Colour	Lithology	PY	PO	CP	Remarks	Cu %
J26	590.00	600.00	10.00	128816	ALT	m GRY FC	QCS	minor		1%	specks of orange siderite	0.35
J26	600.00	610.00	10.00	128817	ALT	m GRN GRY	Q	some		1%		0.38
J26	610.00	620.00	10.00	128818	ALT	m GRN GRY FC	QC	abundant		3%	specks of yellow siderite	1.01
J26	620.00	630.00	10.00	128819	ALT	m GRN GRY FC	QC	abundant		1%	specks of yellow siderite	0.70
J26	630.00	640.00	10.00	128820	ALT	m GRN GRY FC	QC	abundant		2%	specks of yellow siderite	0.71
J26	640.00	650.00	10.00	128821	ALT	m GRN GRY FC	QC	minor		1%	specks of yellow siderite	0.73
J26	650.00	660.00	10.00	128822	ALT	m GRN GRY FC	QC	abundant		1%	specks of yellow siderite	0.75
J26	660.00	670.00	10.00	128823	ALT	l GRN GRY FC	QTZ Q QC	some		1%	specks of yellow siderite	0.61
J26	670.00	680.00	10.00	128824	ALT	l GRN GRY FC	QS	abundant		3%	specks of yellow siderite	0.87
J26	680.00	690.00	10.00	128825	ALT	l GRN GRY FC	Q QSC	some		3%	specks of yellow siderite	0.93
J26	690.00	700.00	10.00	128826	ALT	WIT GRN	Q QCS	some		1%	greenish white qtz	0.40
J26	700.00	710.00	10.00	128827	ALT	l GRN	Q QC	abundant		< 1 %		0.26
J26	710.00	720.00	10.00	128828	ALT	l GRN	Q QCS	some		< 0.5 %		0.11
J26	720.00	730.00	10.00	128829	ALT	l GRN GRY	QCS	some		1%		0.26
J26	730.00	740.00	10.00	128830	ALT	l GRN GRY	QCS	abundant		1%		0.54
J26	740.00	746.00	6.00	128831	ALT	l GRN GRY	QCS	some		1%		0.93
J26	746.00	750.00	4.00	128832	ALT	BEG	Q QS	minor		1%		0.43
J26	750.00	760.00	10.00	128833	ALT	BEG	Q QS	some		< 0.5 %		0.10
J26	760.00	770.00	10.00	128834	ALT	RED GRY	QSC	minor		< 0.5 %		0.07
J26	770.00	780.00	10.00	128835	ALT	RED GRY	Q QSC	minor		< 0.5 %		0.07
J26	780.00	790.00	10.00	128836	ALT	BEG	QS	minor		< 0.5 %		0.08
J26	790.00	800.00	10.00	128837	ALT	BEG	Q	minor		< 0.5 %		0.13
J26	800.00	810.00	10.00	128838	ALT	BEG	Q	minor		< 0.5 %		0.05
J26	834.00	846.00	12.00	128839	ALT	RED	QS	minor		< 0.5 %		0.10
J26	846.00	858.00	12.00	128840	ALT	RED	Q	minor		< 0.5 %		0.05
J26	858.00	860.00	2.00	128841	ALT	BEG	Q	minor		< 0.5 %		0.03
J26	860.00	870.00	10.00	128842	ALT	BEG	QS	minor		< 0.5 %		0.02
J26	870.00	880.00	10.00	128843	ALT	BEG	QS	minor		tr		0.03
J26	880.00	888.00	8.00	128844	ALT	BEG	Q	minor		tr		0.01
Drillhole J-27												
Drillhole sample intervals in FEET												
J27	20.00	30.00	10.00	128845	ALT	l GRY	QTZ Q QCS	abundant	some	< 0.5 %		0.06
J27	30.00	40.00	10.00	128846	ALT	vl GRY	QS	some	some			0.01
J27	40.00	50.00	10.00	128847	ALT	l GRY	Q QCS	some	some			0.01
J27	50.00	60.00	10.00	128848	ALT	l GRY	Qtz Q QCS	some	minor	< 0.5 %	Cp replacing pyrrothite	0.05
J27	60.00	70.00	10.00	128849	ALT	vl GRY	Q	minor	minor		Silicified black shale	<0.01
J27	70.00	80.00	10.00	128850	ALT	vl GRY	Q QSC	minor	some	tr		<0.01
J27	80.00	90.00	10.00	128851	ALT	vl GRY	Q QSC	minor	some			0.01
J27	90.00	100.00	10.00	128852	ALT	vl GRY	Q QSC	minor	some			0.01
J27	100.00	110.00	10.00	128853	ALT	m GRY	QC	some				0.02
J27	110.00	120.00	10.00	128854	ALT	m GRY	QC	abundant	minor			0.01
J27	120.00	130.00	10.00	128855	ALT	m GRY	QC	abundant	minor	tr		0.01
J27	130.00	140.00	10.00	128856	ALT	m GRY	QTZ QC	some				0.01
J27	140.00	150.00	10.00	128857	ALT	l GRY	Q QSC	abundant		tr		0.01
J27	150.00	160.00	10.00	128858	ALT	l GRY	Q QSC	abundant		< 0.5 %		0.05
J27	160.00	170.00	10.00	128859	ALT	vl GRY	Q	minor		1%		0.21
J27	170.00	180.00	10.00	128860	ALT	m GRY	Q QCS	some		1%		0.40
J27	180.00	190.00	10.00	128861	ALT	m GRY	Q QCS	abundant		2%		0.71

Appendix IIIa: Logs

Hole	From	To	Length	Sample	Alteration	Colour	Lithology	PY	PO	CP	Remarks	Cu %
J27	190.00	200.00	10.00	128862	ALT	l GRY	QSC	some		< 0.5 %		0.10
J27	200.00	210.00	10.00	128863	ALT	lm GRY	QSC FC	minor		1%	specks of orange siderite	0.16
J27	210.00	220.00	10.00	128864	ALT	lm GRY	QSC	minor		tr	Breccia	0.03
J27	220.00	230.00	10.00	128865	ALT	lm GRY	QSC	minor		< 0.5 %	Breccia	0.07
J27	230.00	243.00	13.00	128866	ALT	RED	Q Q SC	tr		< 0.5 %	hematite tint	0.19
J27	270.00	280.00	10.00	128867	ALT	RED	QSC	some		< 1 %	hematite tint	0.08
J27	280.00	290.00	10.00	128868	ALT	RED	QSC	some		< 1 %	hematite tint	0.16
J27	290.00	300.00	10.00	128869	ALT	l GRY	QSC	minor		< 0.5 %		0.09
J27	300.00	310.00	10.00	128870	ALT	vl GRY	QS	minor		< 0.5 %		0.13
J27	310.00	320.00	10.00	128871	ALT	l GRN	Q QCS	some		< 1 %		0.19
J27	320.00	330.00	10.00	128872	ALT	l GRN	Q QCS TLC	minor		< 1 %	presence of talc	0.13
J27	330.00	340.00	10.00	128873	ALT	BLU GRN	Q	some		< 0.5 %		0.23
J27	340.00	350.00	10.00	128874	ALT	l GN	Q QCS	minor		1%		0.33
J27	350.00	360.00	10.00	128875	ALT	l GY	Q QS	some		1%		0.47
J27	360.00	370.00	10.00	128876	ALT	l G	QSC	abundant		1%		0.39
J27	370.00	380.00	10.00	128877	ALT	BEG	QSC	some		< 0.5 %		0.11
J27	380.00	390.00	10.00	128878	ALT	BEG	QS	some		< 1 %		0.17
J27	390.00	400.00	10.00	128879	ALT	m GRY	QSC	abundant		< 1 %		0.28
J27	400.00	410.00	10.00	128880	ALT	vl RY	QS	abundant		2%		0.63
J27	410.00	420.00	10.00	128881	ALT	m RY	QSC	some		2%		0.54
J27	420.00	430.00	10.00	128882	ALT	m RY	QSC	abundant		1%		0.51
J27	430.00	440.00	10.00	128883	ALT	l GRN GRY	QCS	abundant		1%		0.40
J27	440.00	450.00	10.00	128884	ALT	l GRN GRY	QCS	some		1%		0.35
J27	450.00	460.00	10.00	128885	ALT	l GRN GRY	QCS	abundant		1%		0.39
J27	460.00	470.00	10.00	128886	ALT	l GRN GRY	QCS	abundant		1%		0.41
J27	470.00	480.00	10.00	128887	ALT	m GRN	Q QC	some		1%	lenses of orange siderite	0.57
J27	480.00	490.00	10.00	128888	ALT	m GRN	Q QC	some		3%		1.00
J27	490.00	500.00	10.00	128889	ALT	m GRN	Q QC	abundant		2%	lenses of orange siderite	0.81
J27	500.00	510.00	10.00	128890	ALT	m GRN GRY	QSC	abundant	tr	2%		0.60
J27	510.00	520.00	10.00	128891	ALT	m GRN	Q QCS TLC	abundant	tr	1%	talc ?	0.47
J27	520.00	530.00	10.00	128892	ALT	m GRN	Q QSC	abundant		1%		0.43
J27	530.00	540.00	10.00	128893	ALT	l GRN	QTZ Q QC TALC	minor		< 1 %	talc	0.26
J27	540.00	551.00	11.00	128894	ALT	l GRY	QSC	some		< 1 %		0.32
J27	574.00	580.00	6.00	128895	ALT	GRN	QCS	some		1%	lenses of orange siderite	0.43
J27	580.00	590.00	10.00	128896	ALT	GRN	QCS	abundant		1%	lenses of orange siderite	0.35
J27	590.00	600.00	10.00	128897	ALT	l GRY	QSC	some		1%		0.36
J27	600.00	610.00	10.00	128898	ALT	ml GRN GRY	Q QC	abundant		2%		0.66
J27	610.00	620.00	10.00	128899	ALT	ml GRN GRY	Q QC	abundant	minor	2%		0.83
J27	620.00	630.00	10.00	128900	ALT	vl GRY	Q QS	minor		2%		0.63
J27	630.00	640.00	10.00	128901	ALT	vl GRY	Q QS	minor		< 1 %		0.18
J27	640.00	650.00	10.00	128902	ALT	vl GRY	Q QS	minor		< 0.5 %		0.08
J27	650.00	660.00	10.00	128903	ALT	vl GRY	Q QS	minor		< 1 %		0.16
J27	660.00	670.00	10.00	128904	ALT	vl GRY	Q QS	some		< 1 %		0.12
J27	670.00	680.00	10.00	128905	ALT	l GRN GRY	QC	abundant		1%	lenses of orange siderite	0.18
J27	680.00	690.00	10.00	128906	ALT	vl GRY	Q QS	abundant		< 0.5 %		0.08
J27	690.00	700.00	10.00	128907	ALT	vl GRY	Q QSC	some		< 0.5 %		0.15
J27	700.00	710.00	10.00	128908	ALT	l GRY	QSC	minor		< 0.5 %		0.10

Appendix IIIa: Logs

Hole	From	To	Length	Sample	Alteration	Colour	Lithology	PY	PO	CP	Remarks	Cu %
J27	710.00	720.00	10.00	128909	ALT	RED	QSC	some		< 0.5 %		0.12
J27	720.00	730.00	10.00	128910	ALT	l GRY	QSC	some		< 0.5 %		0.06
J27	730.00	740.00	10.00	128911	ALT	l GRY	QSC	some		< 0.5 %		0.08
J27	740.00	750.00	10.00	128912	ALT	RED	QSC	some		< 0.5 %	fractures	0.08
J27	750.00	760.00	10.00	128913	ALT	RED	QSC	some		< 0.5 %		0.15
J27	760.00	770.00	10.00	128914	ALT	RED	QSC	some		< 0.5 %		0.13
J27	770.00	780.00	10.00	128915	ALT	l GRY	QSC	some		< 0.5 %		0.08
J27	780.00	790.00	10.00	128916	ALT	l GRY	QTZ QSC	some		< 0.5 %		0.10
J27	790.00	800.00	10.00	128917	ALT	l GRY	QSC	some		< 0.5 %	fractures	0.10
J27	800.00	810.00	10.00	128918	ALT	l GRY	QSC	some		< 0.5 %	lenses of orange siderite	0.13
J27	810.00	820.00	10.00	128919	ALT	RED	Q QS	minor		< 0.5 %		0.12
J27	820.00	830.00	10.00	128920	ALT	m GRY	Q QCS	minor		< 0.5 %		0.12
J27	830.00	840.00	10.00	128921	ALT	l GRY	QSC	abundant		< 1 %		0.19
J27	840.00	850.00	10.00	128922	ALT	vl GRY	Q QSC	minor		< 0.5 %		0.04
J27	850.00	854.00	4.00	128923	ALT	vl GRY	Q QSC	minor		< 0.5 %		0.10
Drillhole J-36												
Drillhole sample intervals in FEET												
J36	175.00	180.00	5.00	128924	ALT	l GRY	QSC	minor	some			0.01
J36	180.00	190.00	10.00	128925	ALT	l GRY	QSC	minor	abundant			0.01
J36	190.00	200.00	10.00	128926	ALT	l GRY	QSC	minor				0.01
J36	200.00	210.00	10.00	128927	ALT	ml GRY	QCS	some	abundant	< 0.5 %		0.02
J36	210.00	220.00	10.00	128928	ALT	ml GRY	QCS	some	minor	tr	lenses of orange siderite	0.14
J36	220.00	230.00	10.00	128929	ALT	ml GRY	QCS	some		< 0.5 %	lenses of orange siderite	0.03
J36	230.00	240.00	10.00	128930	w ALT	ml GRY	SHL	minor			lenses of orange siderite	0.01
J36	240.00	250.00	10.00	128931	w ALT	ml GRY	SHL	minor				0.02
J36	250.00	260.00	10.00	128932	ALT	l GRY	QSC	some		< 0.5 %		0.06
J36	260.00	270.00	10.00	128933	ALT	l GRY	QSC	some		< 0.5 %	fault	0.09
J36	270.00	280.00	10.00	128934	ALT	l GRN GRY	QSC	some		< 1 %		0.24
J36	280.00	290.00	10.00	128935	ALT	l GRN GRY	QSC	some		1%		0.23
J36	290.00	295.00	5.00	128936	ALT	l GRY	Q QSC	some		< 0.5 %		0.11
J36	318.00	330.00	12.00	128937	ALT	RED	QTZ QC	minor		1%	late qtz injections	0.37
J36	330.00	340.00	10.00	128938	ALT	GRN GRY	QC	some		< 1 %		0.23
J36	340.00	350.00	10.00	128939	ALT	m GRY	Q QC	minor		< 0.5 %	Cp associated with chlorite	0.07
J36	350.00	360.00	10.00	128940	ALT	GRN GRY	Q	minor		< 0.5 %		0.06
J36	360.00	370.00	10.00	128941	ALT	l GRY	QSC	minor		< 1 %		0.16
J36	370.00	380.00	10.00	128942	ALT	l GRY	QSC	some		< 0.5 %		0.12
J36	380.00	390.00	10.00	128943	ALT	l GRY	QSC	some		< 0.5 %		0.09
J36	390.00	400.00	10.00	128944	ALT	l GRY	QTZ QSC	minor		< 1 %	late qtz siderite injections	0.21
J36	400.00	410.00	10.00	128945	ALT	l GRN GRY	QSC	minor		< 1 %		0.18
J36	410.00	420.00	10.00	128946	ALT	l GRY	QTZ QSC	minor		< 1 %	late qtz injections	0.20
J36	420.00	430.00	10.00	128947	ALT	l GRY	QSC	minor		< 1 %		0.18
J36	430.00	440.00	10.00	128948	ALT	l GRY	QSC	minor	trace	< 1 %		0.19
J36	440.00	450.00	10.00	128949	ALT	m GRY	QCS	abundant		< 1 %		0.22
J36	450.00	460.00	10.00	128950	ALT	l GRY	QSC	some		1%		0.26
J36	460.00	470.00	10.00	128951	ALT	l GRY	QSC	some		1%		0.26
J36	470.00	480.00	10.00	128952	ALT	l GRY	QSC	some		1%		0.30
J36	480.00	490.00	10.00	128953	ALT	l GRY	QSC	abundant		1%		0.35
J36	490.00	500.00	10.00	128954	ALT	l GRY	QSC	abundant		1%		0.29

Appendix IIIa: Logs

Hole	From	To	Length	Sample	Alteration	Colour	Lithology	PY	PO	CP	Remarks	Cu %
J36	500.00	510.00	10.00	128955	ALT	l GRY	QSC	some		< 1 %		0.17
J36	510.00	520.00	10.00	128956	ALT	l GRY	QSC	some		< 0.5 %		0.09
J36	520.00	530.00	10.00	128957	ALT	vl GRY	Q QSC QTZ	some		< 0.5 %		0.10
J36	530.00	540.00	10.00	128958	ALT	vl GRY	Q QS	some		< 1 %		0.15
J36	540.00	550.00	10.00	128959	ALT	vl GRY	Q QSC	abundant		1%		0.45
J36	550.00	560.00	10.00	128960	ALT	vl GRY	Q QCS	minor		1%		0.46
J36	560.00	573.00	13.00	128961	ALT	vl GRY	Q QSC	minor		< 1 %		0.21
J36	595.50	600.00	4.50	128962	ALT	RED	Q QS	abondant		< 1 %	fracturations	0.28
J36	600.00	610.00	10.00	128963	ALT	RED	Q	abondant		< 1 %	fracturations breccia	0.22
J36	610.00	620.00	10.00	128964	ALT	RED	QCS	abondant		< 1 %	fracturations	0.22
J36	620.00	630.00	10.00	128965	ALT	vl GRY	QSC	some		1%	lenses, specks siderite	0.41
J36	630.00	640.00	10.00	128966	ALT	l GRN GRY	QC	minor		2%		0.67
J36	640.00	650.00	10.00	128967	ALT	l GRN GRY	QS QC	minor		2%		0.57
J36	650.00	660.00	10.00	128968	ALT	l GRN GRY	QC	some		< 1 %		0.30
J36	660.00	670.00	10.00	128969	ALT	vl GRY	Q QSC	minor		< 1 %		0.27
J36	670.00	680.00	10.00	128970	ALT	l GRN GRY	QC	minor		1%		0.49
J36	680.00	690.00	10.00	128971	ALT	l GRN GRY	QC	minor		2%		0.64
J36	690.00	700.00	10.00	128972	ALT	l GRN GRY	QCS	minor		1%		0.42
J36	700.00	710.00	10.00	128973	ALT	l GRN GRY	QC	minor		1%		0.30
J36	710.00	720.00	10.00	128974	ALT	GRN BLU	Q QC	minor		< 0.5 %		0.20
J36	720.00	730.00	10.00	128975	ALT	GRN BLU	Q	abundant		< 1 %		0.18
J36	730.00	740.00	10.00	128976	ALT	vl GRY	QS	abundant		< 1 %		0.15
J36	740.00	750.00	10.00	128977	ALT	vl GRY	Q QSC	abundant		< 1 %		0.17
J36	750.00	760.00	10.00	128978	ALT	l GRN GRY	QC	some		1%	lenses, specks siderite	0.30
J36	760.00	770.00	10.00	128979	ALT	l GRN GRY	QCS	some		1%		0.44
J36	770.00	780.00	10.00	128980	ALT	l GRY	QSC	abundant		< 1 %		0.22
J36	780.00	790.00	10.00	128981	ALT	l GRY	QSC	abundant		< 1 %		0.19
J36	790.00	800.00	10.00	128982	ALT	vl GRY	Q QS	abundant		< 0.5 %		0.09
J36	800.00	810.00	10.00	128983	ALT	l GRY	QSC	some		< 0.5 %		0.10
J36	810.00	820.00	10.00	128984	ALT	vl GRY	Q QS	abundant		< 0.5 %		0.11
J36	820.00	830.00	10.00	128985	ALT	l GRY	QSC	some		< 0.5 %		0.09
J36	830.00	838.00	8.00	128986	ALT	l GRY	QSC	abundant		< 1 %		0.26
Drillhole J-33												
Drillhole sample intervals in FEET												
J33	15.00	30.00	15.00	128987		BEG	SHL QTE	minor		tr		0.02
J33	30.00	40.00	10.00	128988		BEG	SHL QTE	minor				<0.01
J33	40.00	50.00	10.00	128989		BEG	SHL QTE	minor		tr		0.01
J33	50.00	60.00	10.00	128990		BEG	SHL QTE	minor				<0.01
J33	60.00	70.00	10.00	128991		BEG	SHL QTE	minor				<0.01
J33	70.00	80.00	10.00	128992		BEG	SHL QTE	minor				0.01
J33	80.00	90.00	10.00	128993		BEG	SHL QTE	minor				<0.01
J33	90.00	100.00	10.00	128994		BEG	SHL	minor				<0.01
J33	100.00	110.00	10.00	128995		l GRY	SHL	minor				<0.01
J33	110.00	120.00	10.00	128996		l GRY	SHL QTE	minor				<0.01
J33	120.00	130.00	10.00	128997		l GRY	SHL QTE	minor				<0.01
J33	130.00	140.00	10.00	128998		l GRY	SHL QTE	minor		tr		0.02
J33	140.00	150.00	10.00	128999		BLU GRN	QTE	minor		tr		0.01
J33	150.00	160.00	10.00	129000		BLU GRN	MVS	minor				<0.01

Appendix IIIa: Logs

Hole	From	To	Length	Sample	Alteration	Colour	Lithology	PY	PO	CP	Remarks	Cu %
J33	160.00	170.00	10.00	34251		BLU GRN	MVS	minor				0.01
J33	170.00	180.00	10.00	34252		BLU GRN	MVS	minor		tr		0.01
J33	180.00	190.00	10.00	34253		BLU GRN	MVS	minor		tr		0.01
J33	190.00	200.00	10.00	34254		BLU GRN	MVS	minor				<0.01
J33	200.00	210.00	10.00	34255		BLU GRN	MVS	minor				<0.01
J33	210.00	220.00	10.00	34256		BLU GRN	MVS	minor			beginning of foliation	0.01
J33	220.00	230.00	10.00	34257		BLU GRN	SHLQ	minor				<0.01
J33	230.00	240.00	10.00	34258		BLU GRN	SHLQ	minor				<0.01
J33	240.00	250.00	10.00	34259		BLU GRN	SHLQ	minor		tr		0.01
J33	250.00	260.00	10.00	34260		BLU GRN	SHLQ	minor				<0.01
J33	260.00	270.00	10.00	34261		BLU GRN	SHLQ	minor				<0.01
J33	270.00	280.00	10.00	34262		BLU GRN	SHLQ	minor				<0.01
J33	280.00	290.00	10.00	34263		BLU GRN	SHLQ	minor				<0.01
J33	290.00	300.00	10.00	34264	ALT	l GRN GRY	QSC	minor				<0.01
J33	300.00	310.00	10.00	34265	ALT	l GRN GRY	QSC	minor				<0.01
J33	310.00	320.00	10.00	34266	ALT	l GRN GRY	QSC	minor		tr		0.01
J33	320.00	330.00	10.00	34267	ALT	l GRN GRY	QSC	minor				0.01
J33	330.00	340.00	10.00	34268	ALT	l GRN GRY	QSC	minor				<0.01
J33	340.00	350.00	10.00	34269	ALT	l GRN	Q QC	minor				<0.01
J33	350.00	360.00	10.00	34270	ALT	BLU GRN	Q	minor		tr		0.01
J33	360.00	370.00	10.00	34271	ALT	l GRY	QSC	minor		tr		0.02
J33	370.00	380.00	10.00	34272	ALT	l GRY	QSC	minor		tr		0.01
J33	380.00	390.00	10.00	34273	ALT	l GRY	QSC	minor		< 0.5 %		0.03
J33	390.00	400.00	10.00	34274	ALT	l GRY	QSC	minor		tr		0.01
J33	400.00	410.00	10.00	34275	ALT	l GRY	QSC	minor		tr		0.01
J33	410.00	420.00	10.00	34276	ALT	l GRY	QSC	minor		< 0.5 %		0.03
J33	420.00	430.00	10.00	34277	ALT	l GRY	QSC	minor		< 0.5 %		0.03
J33	430.00	440.00	10.00	34278	ALT	l GRY	QSC	minor		< 0.5 %		0.04
J33	440.00	450.00	10.00	34279	ALT	l GRY	QSC	minor		tr		0.02
J33	450.00	460.00	10.00	34280	ALT	RED	QCS	some		< 0.5 %		0.04
J33	460.00	470.00	10.00	34281	ALT	m GRY	Q QCS	some				0.01
J33	470.00	480.00	10.00	34282	ALT	l GRY	Q QSC	minor		tr		0.01
J33	480.00	490.00	10.00	34283	ALT	l GRY	Q QSC	some				0.01
J33	490.00	500.00	10.00	34284	ALT	l GRY	QSC	some		tr		0.01
J33	500.00	510.00	10.00	34285	ALT	l GRY	QSC	abundant		< 0.5 %		0.04
J33	510.00	520.00	10.00	34286	ALT	m GRY	QCS	abundant		tr		0.02
						m GRN	QC	some			specks of siderite	
J33	544.00	557.00	13.00	34287	ALT	d GRN	QC	abundant		< 0.5 %		0.03
J33	557.00	567.00	10.00	34288	ALT	d GRN	QC	some		tr		0.01
J33	567.00	580.00	13.00	34291	ALT	d GRN	QC	minor		tr		0.02
J33	580.00	590.00	10.00	34292	ALT	m GRN	Q QC	abundant		< 0.5 %		0.03
J33	590.00	600.00	10.00	34293	ALT	l GRN	QC	abundant		< 0.5 %		0.05
J33	600.00	610.00	10.00	34294	ALT	l GRN	QC	abundant		< 0.5 %	Siderite ?	0.10
J33	610.00	620.00	10.00	34295	ALT	l GRN	Q QCS	some		< 0.5 %		0.07
J33	620.00	630.00	10.00	34296	ALT	l GRY	QSC	abundant		< 0.5 %		0.10
J33	630.00	640.00	10.00	34297	ALT	m GRY	QCS	some		< 0.5 %		0.10
J33	640.00	650.00	10.00	34298	ALT	l GRY	QSC	abundant		< 1 %		0.16
J33	650.00	660.00	10.00	34299	ALT	vl GRY	QS	some		< 0.5 %		0.07

Appendix IIIa: Logs

Hole	From	To	Length	Sample	Alteration	Colour	Lithology	PY	PO	CP	Remarks	Cu %
J33	660.00	670.00	10.00	34300	ALT	l GRY	QSC	minor		tr		0.02
J33	670.00	680.00	10.00	34301	ALT	l GRY	QSC	abundant		< 1 %		0.16
J33	680.00	690.00	10.00	34302	ALT	vl GRY	Q QSC	some		tr		0.10
J33	690.00	700.00	10.00	34303	ALT	vl GRY	Q QSC	some		< 0.5 %		0.06
J33	700.00	710.00	10.00	34304	ALT	m GRY	QCS	abundant		< 0.5 %		0.07
J33	710.00	720.00	10.00	34305	ALT	m GRY	QTZ QSC	some		< 0.5 %	late quartz injection	0.03
J33	720.00	730.00	10.00	34306	ALT	l GRY	Q QCS	abundant		2%	loc. massive Cp	0.76
J33	730.00	740.00	10.00	34307	ALT	vl GRY	Q QSC	abundant		< 0.5 %		0.14
J33	740.00	750.00	10.00	34308	ALT	vl GRY	Q QSC	some		< 0.5 %		0.06
J33	750.00	760.00	10.00	34309	ALT	l GRY	QSC	minor		tr		0.02
J33	760.00	770.00	10.00	34310	ALT	l GRY	QSC	abundant		< 0.5 %		0.03
J33	770.00	780.00	10.00	34311	ALT	vl GRY	Q QSC	some		< 0.5 %		0.03
J33	780.00	790.00	10.00	34312	ALT	l GRN	Q QCS	abundant				<0.01
J33	790.00	800.00	10.00	34313	ALT	l GRN GRY	Q QC	minor				<0.01
J33	800.00	810.00	10.00	34314	ALT	l GRN GRY	Q QC	some		tr		0.01
J33	810.00	813.00	3.00	34315	ALT	l GRN GRY	Q QC	minor				<0.01
								abundant				
J33	861.00	870.00	9.00	34316	ALT	l GRN GRY	QCS	some		< 1 %		0.28
J33	870.00	880.00	10.00	34317	ALT	l GRN GRY	QCS	abundant		1%		0.45
J33	880.00	890.00	10.00	34318	ALT	l GRN GRY	QCS	abundant		1%		0.59
J33	890.00	900.00	10.00	34319	ALT	l GRN GRY	QCS	abundant		2%		0.87
J33	900.00	910.00	10.00	34320	ALT	l GRN GRY	QCS	abundant		1%		0.51
J33	910.00	920.00	10.00	34321	ALT	l GRN GRY	QCS	some		1%		0.57
J33	920.00	930.00	10.00	34322	ALT	l GRN GRY	QCS	abundant		2%		0.59
J33	930.00	940.00	10.00	34323	ALT	l GRN GRY	QCS	abundant		1%		0.54
J33	940.00	950.00	10.00	34324	ALT	l GRY	QSC	abundant		1%		0.32
J33	950.00	960.00	10.00	34325	ALT	l GRY	QSC	some		1%		0.40
J33	960.00	970.00	10.00	34326	ALT	l GRN	QC	abundant		2%	969-970 massive Py Cp	0.74
J33	970.00	980.00	10.00	34327	ALT	l GRN	QC	abundant		1%		0.45
J33	980.00	990.00	10.00	34328	ALT	l GRN	QC	abundant		1%		0.45
J33	990.00	1000.00	10.00	34329	ALT	vl GRN	Q QC	some		2%	994- 995 massive Py	0.74
J33	1000.00	1010.00	10.00	34330	ALT	vl GRN	Q QC	abundant		2%		0.67
J33	1010.00	1020.00	10.00	34331	ALT	vl GRN	QC	some		1%		0.34
J33	1020.00	1030.00	10.00	34332	ALT	BLU GRN	QC	abundant		2%		0.84
J33	1030.00	1040.00	10.00	34333	ALT	BLU	Q	some		< 1 %	late qtz injection	0.25
J33	1040.00	1050.00	10.00	34334	ALT	BLU	Q	abundant		< 1 %	and remobilized Cp	0.25
J33	1050.00	1060.00	10.00	34335	ALT	BLU GRN	QC	some		< 0.5 %		0.08
J33	1060.00	1070.00	10.00	34336	ALT	vl GRY	Q QSC	some		< 0.5 %		0.08
J33	1070.00	1080.00	10.00	34337	ALT	l GRY	QSC	abundant		< 0.5 %		0.09
J33	1080.00	1090.00	10.00	34338	ALT	BLU	Q	abundant		2%		0.58
J33	1090.00	1100.00	10.00	34339	ALT	WIT	Q	abundant		< 0.5 %		0.03
J33	1100.00	1110.00	10.00	34340	ALT	l GRY	QSC			< 1 %		0.21
J33	1110.00	1121.00	11.00	34341	ALT	l GRY	QSC			< 0.5 %		0.03
Drillhole J-35												
Drillhole sample intervals in FEET												
J35	820.00	830.00	10.00	34342	ALT	l GRY	QSC	minor		< 1 %		0.25
J35	830.00	840.00	10.00	34343	ALT	l GRY	QSC	minor		< 1 %		0.15
J35	840.00	850.00	10.00	34344	ALT	l GRY	QSC	minor		< 1 %		0.25
J35	850.00	860.00	10.00	34345	ALT	l GRY	QSC	some		< 1 %	late qtz vein	0.21

Appendix IIIa: Logs

Hole	From	To	Length	Sample	Alteration	Colour	Lithology	PY	PO	CP	Remarks	Cu %
J35	860.00	870.00	10.00	34346	ALT	l GRY	QSC	some		< 1 %		0.16
J35	870.00	880.00	10.00	34347	ALT	l GRY	QSC	some		< 1 %		0.22
J35	880.00	890.00	10.00	34348	ALT	l GRY	QSC	some		< 0.5 %		0.26
J35	890.00	900.00	10.00	34349	ALT	l GRY	QSC	some		< 0.5 %		0.20
J35	900.00	910.00	10.00	34350	ALT	l GRY	QSC	some		< 0.5 %		0.11
J35	910.00	918.00	8.00	34351	ALT	l GRY	QTZ QSC	some		tr	late qtz vein	0.05

APPENDIX III

CONFIRMATION SAMPLING PROGRAM

b. Comparative Results: Historical vs. Current Samples

Appendix IIIb: Comparative Results, Historical vs. Current Samples

Hole	HISTORICAL SAMPLING					CURRENT SAMPLING	
	Sample No.	From (m)	To (m)	Length (m)	Cu%	Cu%	Sample No.
96-3	Y0336	96.00	99.00	3.00	0.007	0.009	128448
96-3	Y0337	99.00	102.00	3.00	0.004	0.004	128449
96-3	Y0338	102.00	105.00	3.00	0.010	0.013	128450
96-3	Y0339	105.00	108.00	3.00	0.008	0.005	128451
96-3	Y0340	108.00	111.00	3.00	0.090	0.052	128452
96-3	Y0341	111.00	114.00	3.00	0.013	0.014	128453
96-3	Y0342	114.00	117.00	3.00	0.007	0.004	128454
96-3	Y0343	117.00	120.00	3.00	0.005	0.006	128455
96-3	Y0344	120.00	123.00	3.00	0.006	0.004	128456
96-3	Y0345	123.00	126.00	3.00	0.007	0.006	128457
96-3	Y0346	126.00	129.00	3.00	0.035	0.029	128458
96-3	Y0347	129.00	132.00	3.00	0.071	0.075	128459
96-3	Y0348	132.00	135.00	3.00	0.073	0.088	128460
96-3	Y0349	135.00	138.00	3.00	0.077	0.074	128461
96-3	Y0350	138.00	141.00	3.00	0.112	0.140	128462
96-3	Y0351	141.00	144.00	3.00	0.070	0.047	128463
96-3	Y0352	144.00	147.00	3.00	0.223	0.210	128464
96-3	Y0353	147.00	150.00	3.00	0.342	0.340	128465
96-3	Y0354	150.00	153.00	3.00	0.252	0.240	128466
96-3	Y0355	153.00	156.00	3.00	0.352	0.320	128467
96-3	Y0356	156.00	159.00	3.00	0.308	0.300	128468
96-3	Y0357	159.00	162.00	3.00	0.246	0.260	128469
96-3	Y0358	162.00	165.00	3.00	0.309	0.330	128470
96-3	Y0359	165.00	168.00	3.00	0.137	0.220	128471
96-3	Y0360	168.00	171.00	3.00	0.066	0.061	128472
96-3	Y0361	171.00	174.00	3.00	0.072	0.047	128473
96-3	Y0362	174.00	177.00	3.00	0.100	0.120	128474
96-3	Y0363	177.00	180.00	3.00	0.146	0.056	128475
96-3	Y0364	180.00	183.00	3.00	0.159	0.190	128476
96-3	Y0365	183.00	186.00	3.00	0.088	0.100	128477
96-3	Y0366	186.00	189.00	3.00	0.115	0.130	128478
96-3	Y0367	189.00	192.00	3.00	0.179	0.220	128479
96-3	Y0368	192.00	195.00	3.00	0.416	0.390	128480
96-3	Y0369	195.00	198.00	3.00	0.159	0.210	128481
96-3	Y0370	198.00	201.00	3.00	0.281	0.280	128482
96-3	Y0371	201.00	204.00	3.00	0.297	0.320	128483
96-3	Y0372	204.00	207.00	3.00	0.314	0.350	128484
96-3	Y0373	207.00	210.00	3.00	0.152	0.200	128485
96-3	Y0374	210.00	213.00	3.00	0.356	0.350	128486
96-3	Y0375	213.00	216.00	3.00	0.352	0.380	128487
96-3	Y0376	216.00	219.00	3.00	0.454	0.490	128488
96-3	Y0377	219.00	222.00	3.00	0.139	0.200	128489
96-3	Y0378	222.00	225.00	3.00	0.222	0.250	128490
96-3	Y0379	225.00	228.00	3.00	0.171	0.200	128491
96-3	Y0380	228.00	231.00	3.00	0.564	0.630	128492
96-3	Y0381	231.00	234.00	3.00	0.555	0.520	128493
96-3	Y0382	234.00	237.00	3.00	0.402	0.410	128494
96-3	Y0383	237.00	240.00	3.00	0.131	0.120	128495
96-3	Y0384	240.00	243.00	3.00	0.337	0.330	128496
96-3	Y0385	243.00	246.00	3.00	0.155	0.180	128497
96-3	Y0386	246.00	249.00	3.00	0.153	0.140	128498
96-3	Y0387	249.00	252.00	3.00	0.482	0.820	128499
96-3	Y0388	252.00	255.00	3.00	0.946	0.570	128500
96-3	Y0389	255.00	258.00	3.00	0.897	0.810	128501
96-3	Y0390	258.00	261.00	3.00	0.595	0.690	128502
96-3	Y0391	261.00	264.00	3.00	0.648	0.630	128503
96-3	Y0392	264.00	267.00	3.00	0.574	0.600	128504
96-3	Y0393	267.00	270.00	3.00	0.289	0.280	128505
96-3	Y0394	270.00	273.00	3.00	0.139	0.190	128506
96-3	Y0395	273.00	276.00	3.00	0.172	0.160	128507

Appendix IIIb: Comparative Results, Historical vs. Current Samples

Hole	HISTORICAL SAMPLING					CURRENT SAMPLING	
	Sample No.	From (m)	To (m)	Length (m)	Cu%	Cu%	Sample No.
96-3	Y0396	276.00	279.00	3.00	0.219	0.190	128508
96-3	Y0397	279.00	282.00	3.00	0.224	0.250	128509
96-3	Y0398	282.00	285.00	3.00	0.299	0.390	128510
96-3	Y0399	285.00	288.00	3.00	0.225	0.190	128511
96-3	Y0400	288.00	291.00	3.00	0.291	0.370	128512
96-3	Y0401	291.00	294.00	3.00	0.457	0.490	128513
96-3	Y0402	294.00	297.00	3.00	0.238	0.240	128514
96-3	Y0403	297.00	300.00	3.00	0.353	0.340	128515
96-3	Y0404	300.00	303.00	3.00	0.416	0.440	128516
96-3	Y0405	303.00	306.00	3.00	0.366	0.380	128517
96-3	Y0406	306.00	309.00	3.00	0.197	0.190	128518
96-3	Y0407	309.00	312.00	3.00	0.290	0.260	128519
96-3	Y0408	312.00	315.00	3.00	0.660	0.630	128520
96-3	Y0409	315.00	318.00	3.00	0.051	0.100	128521
96-3	Y0410	318.00	321.00	3.00	0.056	0.056	128522
96-3	Y0411	321.00	324.00	3.00	0.150	0.080	128523
96-3	Y0412	324.00	327.00	3.00	0.276	0.270	128524
96-3	Y0413	327.00	330.00	3.00	0.237	0.300	128525
96-3	Y0414	330.00	333.00	3.00	0.161	0.160	128526
96-3	Y0415	333.00	336.00	3.00	0.151	0.190	128527
96-3	Y0416	336.00	339.00	3.00	0.079	0.120	128528
96-3	Y0417	339.00	342.00	3.00	0.104	0.120	128529
96-3	Y0418	342.00	345.00	3.00	0.039	0.022	128530
96-3	Y0419	345.00	348.00	3.00	0.010	0.010	128531
96-3	Y0420	348.00	351.00	3.00	0.009	0.007	128532
96-3	Y0421	351.00	354.00	3.00	0.019	0.019	128533
96-3	Y0422	354.00	357.00	3.00	0.008	0.004	128534
96-3	Y0423	357.00	360.00	3.00	0.004	0.004	128535
96-3	Y0424	360.00	363.00	3.00	0.008	0.008	128536
96-3	Y0425	363.00	366.00	3.00	0.007	0.008	128537
96-3	Y0426	366.00	369.00	3.00	0.003	0.003	128538
96-3	Y0427	369.00	372.00	3.00	0.003	0.005	128539
96-3	Y0428	372.00	375.00	3.00	0.004	0.004	128540
96-3	Y0429	375.00	378.00	3.00	0.004	0.005	128541
96-3	Y0430	378.00	380.09	2.09	0.003	0.003	128542
J-26	M4493	9.14	12.19	3.05	0.020	0.010	128762
J-26	M4494	12.19	15.24	3.05	0.010	0.006	128763
J-26	M4495	15.24	18.29	3.05	0.030	0.025	128764
J-26	M4496	18.29	21.34	3.05	0.020	0.012	128765
J-26	M4497	21.34	24.38	3.05	0.040	0.041	128766
J-26	M4498	24.38	27.43	3.05	0.010	0.012	128767
J-26	M4499	27.43	30.48	3.05	0.040	0.041	128768
J-26	M4500	30.48	33.53	3.05	0.040	0.018	128769
J-26	M4501	33.53	36.58	3.05	0.030	0.022	128770
J-26	M4502	36.58	39.62	3.05	0.010	0.009	128771
J-26	M4503	39.62	42.67	3.05	0.030	0.070	128772
J-26	M4504	42.67	45.72	3.05	0.020	0.019	128773
J-26	M4505	45.72	48.77	3.05	0.090	0.058	128774
J-26	M4406	48.77	51.82	3.05	0.030	0.055	128775
J-26	M4407	51.82	54.86	3.05	0.010	0.013	128776
J-26	M4408	54.86	57.91	3.05	0.160	0.003	128777
J-26	M4411	64.01	67.06	3.05	0.010	0.004	128780
J-26	M4412	67.06	70.10	3.05	0.010	0.220	128781
J-26	M3008	70.10	73.15	3.05	0.170	0.130	128782
J-26	M3009	73.15	76.20	3.05	0.160	0.230	128783
J-26	M3010	76.20	79.25	3.05	0.270	0.260	128784
J-26	M3011	79.25	82.30	3.05	0.310	0.370	128785
J-26	M3012	82.30	85.34	3.05	0.240	0.290	128786
J-26	M3013	85.34	88.39	3.05	0.240	0.290	128787
J-26	M3014	88.39	91.44	3.05	0.180	0.160	128788

Appendix IIIb: Comparative Results, Historical vs. Current Samples

Hole	HISTORICAL SAMPLING					CURRENT SAMPLING	
	Sample No.	From (m)	To (m)	Length (m)	Cu%	Cu%	Sample No.
J-26	M3001	91.44	94.49	3.05	0.270	0.320	128789
J-26	M3002	94.49	97.54	3.05	0.060	0.069	128790
J-26	M3003	97.54	100.58	3.05	0.140	0.170	128791
J-26	M3004	100.58	103.63	3.05	0.200	0.210	128792
J-26	M3005	103.63	106.68	3.05	0.140	0.130	128793
J-26	M3006	106.68	109.73	3.05	0.140	0.140	128778
J-26	M3007	109.73	112.78	3.05	0.060	0.003	128777
J-26	M3015	112.78	115.82	3.05	0.050	0.055	128796
J-26	M3016	115.82	118.87	3.05	0.030	0.052	128797
J-26	M3017	118.87	121.92	3.05	0.220	0.260	128798
J-26	M3018	121.92	124.97	3.05	0.280	0.280	128799
J-26	M3019	124.97	128.02	3.05	0.220	0.250	128800
J-26	M3020	128.02	131.06	3.05	0.160	0.160	128801
J-26	M3021	131.06	134.11	3.05	0.170	0.190	128802
J-26	M3022	134.11	137.16	3.05	0.230	0.260	128803
J-26	M3023	137.16	140.21	3.05	0.230	0.280	128804
J-26	M3024	140.21	143.26	3.05	0.400	0.480	128805
J-26	M3025	143.26	146.30	3.05	0.420	0.470	128806
J-26	M3026	146.30	149.35	3.05	0.110	0.140	128807
J-26	M3031	161.54	164.59	3.05	0.160	0.190	128810
J-26	M3032	164.59	167.64	3.05	0.340	0.340	128811
J-26	M3033	167.64	170.69	3.05	0.360	0.370	128812
J-26	M3034	170.69	173.74	3.05	0.320	0.360	128813
J-26	M5513	173.74	176.78	3.05	0.500	0.540	128814
J-26	M5514	176.78	179.83	3.05	0.600	0.740	128815
J-26	M5515	179.83	182.88	3.05	0.300	0.350	128816
J-26	M5516	182.88	185.93	3.05	0.360	0.380	128817
J-26	M5517	185.93	188.98	3.05	0.840	1.010	128818
J-26	M5518	188.98	192.02	3.05	0.540	0.700	128819
J-26	M5519	192.02	195.07	3.05	0.610	0.710	128820
J-26	M5520	195.07	198.12	3.05	0.570	0.730	128821
J-26	M5522	204.22	207.26	3.05	0.920	0.870	128824
J-26	M5523	207.26	210.31	3.05	0.910	0.930	128825
J-26	M5524	210.31	213.36	3.05	0.340	0.400	128826
J-26	M5525	213.36	216.41	3.05	0.280	0.260	128827
J-26	M5526	216.41	219.46	3.05	0.100	0.110	128828
J-26	M5527	219.46	222.50	3.05	0.340	0.260	128829
J-26	M5528	222.50	225.55	3.05	0.420	0.540	128830
J-26	M5530	228.60	231.65	3.05	0.060	0.100	128833
J-26	M5531	231.65	234.70	3.05	0.110	0.074	128834
J-26	M5532	234.70	237.74	3.05	0.060	0.072	128835
J-26	M5533	237.74	240.79	3.05	0.080	0.077	128836
J-26	M5534	240.79	243.84	3.05	0.100	0.130	128837
J-26	M5535	243.84	246.89	3.05	0.070	0.055	128838
J-26	M5541	262.13	265.18	3.05	0.030	0.022	128842
J-26	M5542	265.18	268.22	3.05	0.020	0.032	128843
J-26	M5543	268.22	270.66	2.44	0.020	0.015	128844
J-27	M3036	12.19	15.24	3.05	0.010	0.009	128847
J-27	M3038	21.34	24.38	3.05	0.010	0.004	128850
J-27	M3039	24.38	27.43	3.05	< 0.01	0.007	128851
J-27	M3040	27.43	30.48	3.05	< 0.01	0.009	128852
J-27	M3041	30.48	33.53	3.05	< 0.01	0.019	128853
J-27	M3042	33.53	36.58	3.05	< 0.01	0.005	128854
J-27	M3043	36.58	39.62	3.05	0.010	0.010	128855
J-27	M3044	39.62	42.67	3.05	< 0.01	0.007	128856
J-27	M3045	42.67	45.72	3.05	0.010	0.011	128857
J-27	M3046	45.72	48.77	3.05	0.050	0.047	128858
J-27	M3048	54.86	57.91	3.05	0.780	0.710	128861
J-27	M3049	57.91	60.96	3.05	0.090	0.100	128862
J-27	M3050	60.96	64.01	3.05	0.180	0.160	128863

Appendix IIIb: Comparative Results, Historical vs. Current Samples

Hole	HISTORICAL SAMPLING					CURRENT SAMPLING	
	Sample No.	From (m)	To (m)	Length (m)	Cu%	Cu%	Sample No.
J-27	M3051	64.01	67.06	3.05	0.020	0.029	128864
J-27	M3052	67.06	70.10	3.05	0.060	0.068	128865
J-27	M3053	70.10	73.15	3.05	0.080	0.190	128866
J-27	M3057	82.30	85.34	3.05	0.160	0.080	128867
J-27	M3058	85.34	88.39	3.05	0.190	0.160	128868
J-27	M3059	88.39	91.44	3.05	0.080	0.091	128869
J-27	M3060	91.44	94.49	3.05	0.130	0.130	128870
J-27	M3061	94.49	97.54	3.05	0.190	0.190	128871
J-27	M3062	97.54	100.58	3.05	0.100	0.130	128872
J-27	M3063	100.58	103.63	3.05	0.250	0.230	128873
J-27	M3064	103.63	106.68	3.05	0.340	0.330	128874
J-27	M3065	106.68	109.73	3.05	0.450	0.470	128875
J-27	M3066	109.73	112.78	3.05	0.420	0.390	128876
J-27	M3067	112.78	115.82	3.05	0.120	0.110	128877
J-27	M3068	115.82	118.87	3.05	0.190	0.170	128878
J-27	M3069	118.87	121.92	3.05	0.210	0.280	128879
J-27	M3070	121.92	124.97	3.05	0.620	0.630	128880
J-27	M3071	124.97	128.02	3.05	0.740	0.540	128881
J-27	M3073	134.11	137.16	3.05	0.360	0.350	128884
J-27	M3074	137.16	140.21	3.05	0.370	0.390	128885
J-27	M3075	140.21	143.26	3.05	0.400	0.410	128886
J-27	M3076	143.26	146.30	3.05	0.510	0.570	128887
J-27	M3077	146.30	149.35	3.05	1.040	1.000	128888
J-27	M3078	149.35	152.40	3.05	0.760	0.810	128889
J-27	M3079	152.40	155.45	3.05	0.700	0.600	128890
J-27	M3080	155.45	158.50	3.05	0.470	0.470	128891
J-27	M3081	158.50	161.54	3.05	0.470	0.430	128892
J-27	M3086	176.78	179.83	3.05	0.380	0.350	128896
J-27	M3087	179.83	182.88	3.05	0.410	0.360	128897
J-27	M3088	182.88	185.93	3.05	0.700	0.660	128898
J-27	M3089	185.93	188.98	3.05	0.790	0.830	128899
J-27	M3090	188.98	192.02	3.05	0.820	0.630	128900
J-27	M3091	192.02	195.07	3.05	0.280	0.180	128901
J-27	M3092	195.07	198.12	3.05	0.090	0.077	128902
J-27	M3093	198.12	201.17	3.05	0.180	0.160	128903
J-27	M3094	201.17	204.22	3.05	0.110	0.120	128904
J-27	M3095	204.22	207.26	3.05	0.430	0.180	128905
J-27	M3096	207.26	210.31	3.05	0.100	0.083	128906
J-27	M3097	210.31	213.36	3.05	0.130	0.150	128907
J-27	M3098	213.36	216.41	3.05	0.070	0.100	128908
J-27	M3099	216.41	219.46	3.05	0.130	0.120	128909
J-27	M3100	219.46	222.50	3.05	0.040	0.059	128910
J-27	M3101	222.50	225.55	3.05	0.070	0.079	128911
J-27	M3102	225.55	228.60	3.05	0.070	0.083	128912
J-27	M3103	228.60	231.65	3.05	0.130	0.150	128913
J-27	M3104	231.65	234.70	3.05	0.140	0.130	128914
J-27	M3105	234.70	237.74	3.05	0.060	0.081	128915
J-27	M3106	237.74	240.79	3.05	0.110	0.100	128916
J-27	M3107	240.79	243.84	3.05	0.130	0.100	128917
J-27	M3108	243.84	246.89	3.05	0.100	0.130	128918
J-27	M3109	246.89	249.94	3.05	0.100	0.120	128919
J-27	M3110	249.94	252.98	3.05	0.110	0.120	128920
J-27	M3111	252.98	256.03	3.05	0.210	0.190	128921
J-27	M3112	256.03	259.08	3.05	0.030	0.037	128922
J-33	M5859	4.57	9.14	4.57	< 0.01	0.016	128987
J-33	M5860	9.14	12.19	3.05	< 0.01	0.002	128988
J-33	M5861	12.19	15.24	3.05	< 0.01	0.007	128989
J-33	M5863	21.34	27.43	6.10	0.010	0.008	128992
J-33	M5865	30.48	33.53	3.05	< 0.01	0.002	128995
J-33	M5866	33.53	36.58	3.05	< 0.01	0.002	128996

Appendix IIIb: Comparative Results, Historical vs. Current Samples

Hole	HISTORICAL SAMPLING					CURRENT SAMPLING	
	Sample No.	From (m)	To (m)	Length (m)	Cu%	Cu%	Sample No.
J-33	M5867	36.58	39.62	3.05	< 0.01	0.002	128997
J-33	M5868	39.62	42.67	3.05	0.010	0.016	128998
J-33	M5869	42.67	45.72	3.05	< 0.01	0.006	128999
J-33	M5870	45.72	48.77	3.05	0.010	0.004	129000
J-33	M5871	48.77	51.82	3.05	0.010	0.009	34251
J-33	M5872	51.82	54.86	3.05	0.010	0.006	34252
J-33	M5873	54.86	57.91	3.05	0.010	0.006	34253
J-33	M5874	57.91	60.96	3.05	0.010	0.004	34254
J-33	M5875	60.96	64.01	3.05	0.010	0.005	34255
J-33	M5876	64.01	67.06	3.05	< 0.01	0.007	34256
J-33	M5877	67.06	70.10	3.05	0.010	0.005	34257
J-33	M5878	70.10	73.15	3.05	< 0.01	0.002	34258
J-33	M5879	73.15	76.20	3.05	< 0.01	0.011	34259
J-33	M5880	76.20	79.25	3.05	0.010	0.003	34260
J-33	M5881	79.25	82.30	3.05	< 0.01	0.002	34261
J-33	M5882	82.30	85.34	3.05	< 0.01	0.002	34262
J-33	M5883	85.34	88.39	3.05	0.010	0.003	34263
J-33	M5884	88.39	91.44	3.05	0.010	0.003	34264
J-33	M5885	91.44	94.49	3.05	0.010	0.003	34265
J-33	M5886	94.49	97.54	3.05	0.010	0.007	34266
J-33	M5887	97.54	100.58	3.05	0.010	0.007	34267
J-33	M5888	100.58	103.63	3.05	0.010	0.003	34268
J-33	M5889	103.63	106.68	3.05	0.010	0.004	34269
J-33	M5890	106.68	109.73	3.05	0.010	0.006	34270
J-33	M5891	109.73	112.78	3.05	0.020	0.021	34271
J-33	M5892	112.78	115.82	3.05	0.010	0.009	34272
J-33	M5893	115.82	118.87	3.05	0.030	0.032	34273
J-33	M5894	118.87	121.92	3.05	0.010	0.011	34274
J-33	M5895	121.92	124.97	3.05	0.020	0.013	34275
J-33	M5896	124.97	128.02	3.05	0.030	0.029	34276
J-33	M5897	128.02	131.06	3.05	0.040	0.035	34277
J-33	M5898	131.06	134.11	3.05	0.060	0.040	34278
J-33	M5899	134.11	137.16	3.05	0.010	0.025	34279
J-33	M5900	137.16	140.21	3.05	0.070	0.041	34280
J-33	M5901	140.21	143.26	3.05	0.010	0.009	34281
J-33	M5902	143.26	146.30	3.05	0.010	0.006	34282
J-33	M5903	146.30	149.35	3.05	0.010	0.011	34283
J-33	M5904	149.35	152.40	3.05	0.010	0.008	34284
J-33	M5905	152.40	155.45	3.05	0.030	0.035	34285
J-33	M5906	155.45	158.50	3.05	0.010	0.023	34286
J-33	M5912	173.74	176.78	3.05	0.020	0.015	34291
J-33	M5913	176.78	179.83	3.05	0.020	0.032	34292
J-33	M5914	179.83	182.88	3.05	0.050	0.045	34293
J-33	M5915	182.88	185.93	3.05	0.130	0.100	34294
J-33	M5916	185.93	188.98	3.05	0.050	0.071	34295
J-33	M5917	188.98	192.02	3.05	0.050	0.100	34296
J-33	M5918	192.02	195.07	3.05	0.090	0.100	34297
J-33	M5919	195.07	198.12	3.05	0.130	0.160	34298
J-33	M5920	198.12	201.17	3.05	0.090	0.072	34299
J-33	M5921	201.17	204.22	3.05	0.020	0.025	34300
J-33	M5922	204.22	207.26	3.05	0.170	0.160	34301
J-33	M5923	207.26	210.31	3.05	0.130	0.100	34302
J-33	M5924	210.31	213.36	3.05	0.070	0.061	34303
J-33	M5925	213.36	216.41	3.05	0.040	0.071	34304
J-33	M5926	216.41	219.46	3.05	0.030	0.032	34305
J-33	M5927	219.46	222.50	3.05	0.720	0.760	34306
J-33	M5928	222.50	225.55	3.05	0.200	0.140	34307
J-33	M5929	225.55	228.60	3.05	0.080	0.061	34308
J-33	M5930	228.60	231.65	3.05	0.040	0.016	34309
J-33	M5931	231.65	234.70	3.05	0.030	0.029	34310

Appendix IIIb: Comparative Results, Historical vs. Current Samples

Hole	HISTORICAL SAMPLING					CURRENT SAMPLING	
	Sample No.	From (m)	To (m)	Length (m)	Cu%	Cu%	Sample No.
J-33	M5932	234.70	237.74	3.05	0.030	0.029	34311
J-33	M5933	237.74	240.79	3.05	0.010	0.004	34312
J-33	M5934	240.79	243.84	3.05	< 0.01	0.004	34313
J-33	M5935	243.84	246.89	3.05	0.010	0.011	34314
J-33	M5942	265.18	268.22	3.05	0.530	0.450	34317
J-33	M5943	268.22	271.27	3.05	0.580	0.590	34318
J-33	M5944	271.27	274.32	3.05	0.960	0.870	34319
J-33	M5945	274.32	277.37	3.05	0.600	0.510	34320
J-33	M5946	277.37	280.42	3.05	0.580	0.570	34321
J-33	M5947	280.42	283.46	3.05	0.650	0.590	34322
J-33	M5948	283.46	286.51	3.05	0.520	0.540	34323
J-33	M5949	286.51	289.56	3.05	0.300	0.320	34324
J-33	M5950	289.56	292.61	3.05	0.380	0.400	34325
J-33	M5951	292.61	295.66	3.05	0.960	0.740	34326
J-33	M5952	295.66	298.70	3.05	0.550	0.450	34327
J-33	M5953	298.70	301.75	3.05	0.480	0.450	34328
J-33	M5954	301.75	304.80	3.05	0.920	0.740	34329
J-33	M5955	304.80	307.85	3.05	0.860	0.670	34330
J-33	M5956	307.85	310.90	3.05	0.380	0.340	34331
J-33	M5957	310.90	313.94	3.05	0.760	0.840	34332
J-33	M5958	313.94	316.99	3.05	0.270	0.250	34333
J-33	M5959	316.99	320.04	3.05	0.280	0.250	34334
J-33	M5960	320.04	323.09	3.05	0.120	0.076	34335
J-33	M5961	323.09	326.14	3.05	0.080	0.084	34336
J-33	M5962	326.14	329.18	3.05	0.090	0.086	34337
J-33	M5963	329.18	332.23	3.05	0.560	0.580	34338
J-33	M5964	332.23	335.28	3.05	0.200	0.028	34339
J-33	M5965	335.28	338.33	3.05	0.020	0.210	34340
J-33	M5966	338.33	341.68	3.35	0.040	0.030	34341
J-35	M6549	249.94	252.98	3.05	0.240	0.250	34342
J-35	M6550	252.98	256.03	3.05	0.180	0.150	34343
J-35	M6551	256.03	259.08	3.05	0.210	0.250	34344
J-35	M6552	259.08	262.13	3.05	0.210	0.210	34345
J-35	M6553	262.13	265.18	3.05	0.160	0.160	34346
J-35	M6554	265.18	268.22	3.05	0.240	0.220	34347
J-35	M6555	268.22	271.27	3.05	0.120	0.260	34348
J-35	M6556	271.27	274.32	3.05	0.130	0.200	34349
J-35	M6557	274.32	277.37	3.05	0.100	0.110	34350
J-35	M6558	277.37	279.81	2.44	0.050	0.046	34351B
J-36	M6576	54.86	57.91	3.05	< 0.01	0.011	128925
J-36	M6577	57.91	60.96	3.05	< 0.01	0.005	128926
J-36	M6578	60.96	64.01	3.05	0.030	0.018	128927
J-36	M6579	64.01	67.06	3.05	0.020	0.140	128928
J-36	M6580	67.06	70.10	3.05	0.030	0.031	128929
J-36	M6581	70.10	73.15	3.05	0.010	0.009	128930
J-36	M6582	73.15	76.20	3.05	0.010	0.016	128931
J-36	M6583	76.20	79.25	3.05	0.060	0.059	128932
J-36	M6584	79.25	82.30	3.05	0.100	0.092	128933
J-36	M6585	82.30	85.34	3.05	0.280	0.240	128934
J-36	M6586	85.34	88.39	3.05	0.290	0.230	128935
J-36	M6591	100.58	103.63	3.05	0.220	0.230	128938
J-36	M6592	103.63	106.68	3.05	0.110	0.074	128939
J-36	M6593	106.68	109.73	3.05	0.050	0.064	128940
J-36	M6594	109.73	112.78	3.05	0.170	0.160	128941
J-36	M6595	112.78	115.82	3.05	0.090	0.120	128942
J-36	M6596	115.82	118.87	3.05	0.130	0.094	128943
J-36	M6597	118.87	121.92	3.05	0.190	0.210	128944
J-36	M6598	121.92	124.97	3.05	0.240	0.180	128945
J-36	M6599	124.97	128.02	3.05	0.180	0.200	128946
J-36	M6600	128.02	131.06	3.05	0.210	0.180	128947

Appendix IIIb: Comparative Results, Historical vs. Current Samples

Hole	HISTORICAL SAMPLING					CURRENT SAMPLING	
	Sample No.	From (m)	To (m)	Length (m)	Cu%	Cu%	Sample No.
J-36	M6601	131.06	134.11	3.05	0.180	0.190	128948
J-36	M6602	134.11	137.16	3.05	0.210	0.220	128949
J-36	M6603	137.16	140.21	3.05	0.260	0.260	128950
J-36	M6604	140.21	143.26	3.05	0.310	0.260	128951
J-36	M6605	143.26	146.30	3.05	0.320	0.300	128952
J-36	M6606	146.30	149.35	3.05	0.340	0.350	128953
J-36	M6607	149.35	152.40	3.05	0.300	0.290	128954
J-36	M6608	152.40	155.45	3.05	0.170	0.170	128955
J-36	M6609	155.45	158.50	3.05	0.100	0.091	128956
J-36	M6610	158.50	161.54	3.05	0.060	0.100	128957
J-36	M6611	161.54	164.59	3.05	0.160	0.150	128958
J-36	M6612	164.59	167.64	3.05	0.490	0.450	128959
J-36	M6613	167.64	170.69	3.05	0.440	0.460	128960
J-36	M6614	170.69	173.74	3.05	0.240	0.210	128961
J-36	M6618	182.88	185.93	3.05	0.250	0.220	128963
J-36	M6619	185.93	188.98	3.05	0.180	0.220	128964
J-36	M6620	188.98	192.02	3.05	0.390	0.410	128965
J-36	M6621	192.02	195.07	3.05	0.760	0.670	128966
J-36	M6622	195.07	198.12	3.05	0.800	0.570	128967
J-36	M6623	198.12	201.17	3.05	0.260	0.300	128968
J-36	M6624	201.17	204.22	3.05	0.270	0.270	128969
J-36	M6625	204.22	207.26	3.05	0.530	0.490	128970
J-36	M6626	207.26	210.31	3.05	0.620	0.640	128971
J-36	M6627	210.31	213.36	3.05	0.460	0.420	128972
J-36	M6628	213.36	216.41	3.05	0.330	0.300	128973
J-36	M6629	216.41	219.46	3.05	0.140	0.200	128974
J-36	M6630	219.46	222.50	3.05	0.230	0.180	128975
J-36	M6631	222.50	225.55	3.05	0.150	0.150	128976
J-36	M6632	225.55	228.60	3.05	0.170	0.170	128977
J-36	M6633	228.60	231.65	3.05	0.320	0.300	128978
J-36	M6634	231.65	234.70	3.05	0.440	0.440	128979
J-36	M6635	234.70	237.74	3.05	0.200	0.220	128980
J-36	M6636	237.74	240.79	3.05	0.220	0.190	128981
J-36	M6637	240.79	243.84	3.05	0.130	0.087	128982
J-36	M6638	243.84	246.89	3.05	0.080	0.095	128983
J-36	M6639	246.89	249.94	3.05	0.080	0.110	128984
J-36	M6640	249.94	252.98	3.05	0.090	0.086	128985
J-36	M6641	252.98	255.42	2.44	0.210	0.260	128986
NH-11	L6426	9.14	12.19	3.05	0.030	0.031	128604
NH-11	L6427	12.19	15.24	3.05	0.010	0.010	128605
NH-11	L6428	15.24	18.29	3.05	0.010	0.010	128606
NH-11	L6429	18.29	21.34	3.05	0.040	0.054	128607
NH-11	L6430	21.34	24.38	3.05	0.010	0.013	128608
NH-11	L6431	24.38	27.43	3.05	0.010	0.011	128609
NH-11	L6432	27.43	30.48	3.05	0.020	0.017	128610
NH-11	L8703	30.48	33.53	3.05	0.040	0.034	128611
NH-11	L8254	33.53	36.58	3.05	0.240	0.130	128612
NH-11	L8255	36.58	39.62	3.05	2.060	1.670	128613
NH-11	L8256	39.62	42.67	3.05	2.560	2.060	128614
NH-11	L8257	42.67	45.72	3.05	1.110	0.960	128615
NH-11	L8258	45.72	48.77	3.05	0.970	0.930	128616
NH-11	L8259	48.77	51.82	3.05	0.600	0.440	128617
NH-11	L8260	51.82	54.86	3.05	0.640	0.540	128618
NH-11	L8261	54.86	57.91	3.05	0.130	0.078	128619
NH-11	L8262	57.91	60.96	3.05	0.170	0.140	128620
NH-11	L8263	60.96	64.01	3.05	0.120	0.120	128621
NH-11	L8264	64.01	67.06	3.05	0.300	0.340	128622
NH-11	L8265	67.06	70.10	3.05	0.450	0.420	128623
NH-11	L8266	70.10	73.15	3.05	0.340	0.400	128624
NH-11	L8267	73.15	76.20	3.05	0.310	0.250	128625

Appendix IIIb: Comparative Results, Historical vs. Current Samples

Hole	HISTORICAL SAMPLING					CURRENT SAMPLING	
	Sample No.	From (m)	To (m)	Length (m)	Cu%	Cu%	Sample No.
NH-11	L8268	76.20	79.25	3.05	0.160	0.063	128626
NH-11	L8269	79.25	82.30	3.05	0.560	0.540	128627
NH-11	L8270	82.30	85.34	3.05	0.250	0.220	128628
NH-11	L8271	85.34	88.39	3.05	0.280	0.170	128629
NH-11	L8272	88.39	91.44	3.05	0.330	0.360	128630
NH-11	L8273	91.44	94.49	3.05	0.330	0.280	128631
NH-11	L8274	94.49	97.54	3.05	0.220	0.230	128632
NH-11	L8275	97.54	100.58	3.05	0.220	0.110	128633
NH-11	L8276	100.58	103.63	3.05	0.370	0.100	128634
J-5 Ext	M3804	225.55	228.60	3.05	0.480	0.500	128639
J-5 Ext	M3805	228.60	231.65	3.05	0.380	0.370	128640
J-5 Ext	M3806	231.65	234.70	3.05	0.420	0.380	128641
J-5 Ext	M3807	234.70	237.74	3.05	0.410	0.440	128642
J-5 Ext	M3808	237.74	240.79	3.05	0.430	0.500	128643
J-5 Ext	M3809	240.79	243.84	3.05	0.400	0.400	128644
J-5 Ext	M3810	243.84	246.89	3.05	0.480	0.530	128645
J-5 Ext	M3811	246.89	249.94	3.05	0.920	0.880	128646
J-5 Ext	M3812	249.94	252.98	3.05	0.260	0.300	128647
J-5 Ext	M3814	259.08	262.13	3.05	0.070	0.110	128650
J-5 Ext	M3815	262.13	265.18	3.05	0.250	0.005	128757
J-5 Ext	M3816	265.18	268.22	3.05	0.370	0.310	128758
J-5 Ext	M3817	268.22	271.58	3.35	0.050	0.065	128759

APPENDIX IV

SAMPLE ANALYSES

a. Analytical Laboratory Procedures
b. Standard Reference Material Specifications

APPENDIX IV

SAMPLE ANALYSES

a. Analytical Laboratory Procedures

Eco-Tech Laboratories

Analytical Procedure Assessment Report

MULTI ELEMENT ICP ANALYSIS

Samples are catalogued and dried. Soil samples are screened to obtain a -80 mesh sample. Samples unable to produce adequate -80 mesh material are screened at a coarser fraction. These samples are flagged with the relevant mesh. Rock samples are 2 stage crushed to minus 10 mesh and pulverized on a ring mill pulverizer to minus 140 mesh, rolled and homogenized.

A 0.5 gram sample is digested with 3ml of a 3:1:2 (HCl:HN03:H20) which contains beryllium which acts as an internal standard for 90 minutes in a water bath at 95°C. The sample is then diluted to 10ml with water. The sample is analyzed on a Jarrell Ash ICP unit.

Results are collated by computer and are printed along with accompanying quality control data (repeats and standards). Results are printed on a laser printer and are faxed and/or mailed to the client.

Copper Assay

Method Outline

Samples and standards under go an aqua regia digestion in 200 ml phosphoric acid flasks. The digested solutions are madc to volume with RO water and allowed to settle. The metals of interest are determined by Atomic absorption procedures. Instrument calibration is done by verified synthetic standards, which have undergone the same digestion procedurc as the samples.

Digestion

1. Weigh 0.5g sample into 200 ml phosphoric acid flask.
2. Add 20 ml conc. HN03 to flasks using a calibrated dispenser.
3. Remove flasks from hot plate and when cool, add 60 ml conc. HCL from a calibrated dispenser. Put flasks on hot plate and digest for 60 minutes
4. Remove flasks from hot plate, allow to cool to room temperature and bulk to 200.ml mark with RO water.
5. Allow assay to settle or clarify by centrifuging an aliquot for analysis.

Analysis

- Run thc analysis by Atomic Absorption using the instrument parameters in the following table.
- Set up calibration with verified synthetic standards.
- Verify instrument calibration after every 10 samples.
- Perform analysis in thc linear range of the absorbance curve. It may be necessary to dilute somc samples or rotate the burner to do this.
- Standards used narrowly bracket the absorbance value of the sample for maximum precision.

Gold, Palladium Geochemistry

Samples are sorted and dried (if necessary). The samples are crushed through a jaw crusher and cone or rolls crusher to –10 mesh. The sample is split through a Jones riffle until a –250 gram sub sample is achieved. The sub sample is pulverized in a ring & puck pulverizer to 95% - 140 mesh. The sample is rolled to homogenize.

A 30 g sample size is fire assayed using appropriate fluxes. The resultant dore bead is parted and then digested with aqua regia and then analyzed on a Perkin Elmer AA instrument for Gold and Palladium.

Appropriate standards and repeat sample (Quality Control Components) accompany the samples on the data sheet.

Quality Control

- Standard quality control procedures are used for these determinations. (ie repeat every 9 samples)
- Run one Can Met CRM/WCM CRM for each batch of 35 or less samples (one CRM per work sheet)
- The following Can Met CRMS/WCM CRM are available in this laboratory.

CRM	Cu%
CZn-1	0.144±0.003
CZn-3	0.685±0.008
KC-1a	0.629±0.015
Su-1A	0.967±0.005
CCU-1a	26.78±0.07
CCU-1b	24.67±0.03
Cu106	1.43
Cu107	0.28
PB106	0.62

Reporting

Minimum reportable concentration is as follows:

Cu 0.01%

APPENDIX IV

SAMPLE ANALYSES

b. Standard Reference Material Specifications

CDN Resource Laboratories Ltd.

10945-B River Road, Delta, B.C., V4C 2R8, 604 596-2245, Fax: 604 588-3960

ORE REFERENCE STANDARD: CDN-FCM-1

Recommended values and the "Between Lab" Two Standard Deviations

Gold	***1.71***	***± 0.14 g/t***
Silver	***86.3***	***± 6.6 g/t***
Copper	***0.94***	***± 0.07 %***
Lead	***0.51***	***± 0.06 %***
Zinc	***1.93***	***± 0.16 %***

PREPARED BY: CDN Resource Laboratories Ltd.
CERTIFIED BY: Duncan Sanderson, B.Sc., Licensed Assayer of British Columbia
INDEPENDENT GEOCHEMIST: Dr. Barry Smee., Ph.D., P. Geo.

METHOD OF PREPARATION:

Reject ore material was dried, crushed, pulverized and then passed through a 200 mesh screen. The +200 material was discarded. The -200 material was mixed for 5 days in a rotary mixer. Splits were taken and sent to twelve laboratories for round robin assaying. The material has been packaged in nominal 100g lots in tin-top kraft bags which have been individually vacuum-sealed in polyethylene bags.

ORIGIN OF REFERENCE MATERIAL:

The ore was supplied by Hunter Dickinson (Farallon) from their Campo Morado property in Mexico. The Campo Morado precious-metal-bearing, volcanogenic massive sulphide deposits occur in a lower Cretaceous bimodal, calc-alkaline volcanic sequence. Most deposits occur in the upper part of a sequence of felsic flows and heterolithic volcanoclastic rocks or at its contact with overlying chert and argillite. Gold, silver, zinc, and lead are associated with pyrite, quartz, ankerite, sphalerite, chalcopyrite and galena, with minor tennanite-freibergite, arsenopyrite, and pyrrhotite.

Approximate chemical composition is as follows:

Standard FCM-1 is a high sulphide material with approximately 35% sulphur.

Statistical Procedures:

The mean and standard deviation for all data was calculated. Outliers were defined as samples beyond the mean ± 2 Standard Deviations from all data. These outliers were removed from the data and a new mean and standard deviation was determined. The Au data from one laboratory and the Ag data from another laboratory were excluded as theydid not pass the "t" test. This method is different from that used by Government agencies in that the actual "between-laboratory" standard deviation is used in the calculations. This produces upper and lower limits that reflect actual individual analyses rather than a grouped set of analyses. The limits can therefore be used to monitor accuracy from individual analyses, unlike the Confidence Limits published on other standards.

Results from round-robin assaying are presented on subsequent pages:

Assay Procedures:

Au: Fire assay pre-concentration, AA or ICP finish (10g sub-sample).
Ag, Cu, Pb, Zn: 4-acid digestion, AA or ICP finish.

STANDARD REFERENCE MATERIAL CDN-FCM-1

	Lab. 1	Lab. 2	Lab. 3	Lab. 4	Lab. 5	Lab. 6	Lab. 7	Lab. 8	Lab. 9	Lab. 10	Lab. 11	Lab. 12
	Au g/t	Au g/t	Au g/t	Au g/t	Au g/t	Au g/t	Au g/t	Au g/t	Au g/t	Au g/t	Au g/t	Au g/t
	1.70	1.54	1.71	1.88	1.66	1.33	1.69	1.64	1.72	1.86	1.66	1.66
	1.66	1.60	1.78	1.59	1.74	1.22	1.80	1.67	1.70	1.77	1.66	1.59
	1.71	1.52	1.75	1.77	1.67	1.54	1.86	1.68	1.73	1.77	1.74	1.71
	1.67	1.68	1.80	1.69	1.76	1.69	1.80	1.67	1.73	1.92	1.73	1.73
	1.68	1.52	1.70	1.77	1.63	1.25	1.79	1.61	1.74	1.80	1.60	1.58
	1.76	1.65	1.80	1.69	1.69	1.25	1.70	1.64	1.70	1.77	1.80	1.76
	1.77	1.53	1.75	1.88	1.69	1.54	1.74	1.68	1.70	1.80	1.64	1.73
	1.71	1.55	1.80	1.77	1.64	1.50	1.72	1.68	1.70	1.98	1.65	1.72
	1.72	1.65	1.80	1.76	1.67	1.54	1.74	1.65	1.73	1.83	1.74	1.69
	1.69	1.62	1.81	1.89	1.71	1.52	1.76	1.63	1.70	1.77	1.66	1.73
Mean	1.71	1.59	1.77	1.77	1.69	1.44	1.76	1.66	1.72	1.83	1.69	1.69
Std. Devn.	0.0359	0.0611	0.0403	0.0965	0.0414	0.1616	0.0527	0.0246	0.0165	0.0727	0.0611	0.0606
% RSD	2.10	3.85	2.28	5.46	2.46	11.24	2.99	1.49	0.96	3.98	3.62	3.60
	Ag g/t	Ag g/t	Ag g/t	Ag g/t	Ag g/t	Ag g/t	Ag g/t	Ag g/t	Ag g/t	Ag g/t	Ag g/t	Ag g/t
	85.5	83.6	94	87	77	83.6	81	91.3	88.2	74	89	89.0
	85.6	82.7	91	89	80	84.2	81	86.6	88.3	75	89	88.3
	86.0	84.5	94	85	83	82.5	84	87.7	90.2	75	87	88.5
	86.5	84.2	91	88	83	84.2	81	86.5	87.9	74	90	89.8
	84.8	83.1	92	87	85	83.6	85	87.8	88.3	76	92	88.3
	84.7	82.6	92	87	82	83.6	82	85.6	88.2	76	90	88.0
	85.1	82.7	94	94	83	84.2	82	90.2	89.1	74	91	87.7
	85.4	83.4	93	80	84	82.9	79	87.1	87.9	74	90	89.5
	84.9	83.1	94	86	83	83.2	81	89.0	86.0	74	88	88.1
	85.1	84.7	93	85	82	82.5	81	87.4	86.7	75	87	87.3
Mean	85.4	83.5	92.8	86.8	82.1	83.5	81.7	87.9	88.1	74.7	89.3	88.5
Std. Devn.	0.5661	0.7706	1.2293	3.5214	2.2574	0.6604	1.7029	1.7618	1.1526	0.8233	1.6364	0.7695
% RSD	0.66	0.92	1.32	4.06	2.75	0.79	2.08	2.00	1.31	1.10	1.83	0.87
	% Cu	% Cu	% Cu	% Cu	% Cu	% Cu	% Cu	% Cu	% Cu	% Cu	% Cu	% Cu
	0.93	0.91	0.99	0.93	0.90	0.91	0.90	0.97	0.93	0.86	0.93	0.98
	0.95	0.91	0.96	0.96	0.91	0.88	0.93	0.95	0.92	0.87	0.93	0.99
	0.95	0.97	1.00	0.97	0.92	0.91	0.94	0.93	0.92	0.87	0.95	1.00
	0.96	0.98	0.95	0.93	0.93	0.92	0.89	0.94	0.92	0.87	0.93	0.99
	0.95	1.02	0.96	0.95	0.94	0.93	0.89	0.99	0.93	0.86	0.94	1.01
	0.94	1.03	0.95	0.95	0.92	0.88	0.96	0.94	0.93	0.87	0.93	1.00
	0.96	0.98	0.98	0.93	0.92	0.90	0.94	0.94	0.93	0.87	0.94	0.99
	0.96	1.02	0.97	0.95	0.93	0.92	0.92	0.94	0.93	0.87	0.95	1.03
	0.94	0.99	0.97	0.95	0.93	0.89	0.90	0.96	0.92	0.86	0.95	1.00
	0.95	0.98	0.98	0.96	0.92	0.91	0.96	0.92	0.93	0.87	0.90	0.99
Mean	0.95	0.98	0.97	0.95	0.92	0.91	0.92	0.95	0.93	0.87	0.94	1.00
Std. Devn.	0.0081	0.0418	0.0167	0.0140	0.0119	0.0172	0.0261	0.0189	0.0052	0.0048	0.0172	0.0132
% RSD	0.85	4.26	1.73	1.48	1.29	1.90	2.83	2.00	0.56	0.56	1.83	1.33

STANDARD REFERENCE MATERIAL CDN-FCM-1

	Lab. 1	Lab. 2	Lab. 3	Lab. 4	Lab. 5	Lab. 6	Lab. 7	Lab. 8	Lab. 9	Lab. 10	Lab. 11	Lab. 12
	% Pb	% Pb	% Pb	% Pb	% Pb	% Pb	% Pb	% Pb	% Pb	% Pb	% Pb	% Pb
	0.53	0.49	0.56	0.51	0.492	0.52	0.48	0.51	0.47	0.44	0.49	0.53
	0.53	0.49	0.53	0.53	0.500	0.40	0.52	0.52	0.46	0.46	0.53	0.52
	0.53	0.52	0.55	0.53	0.509	0.51	0.51	0.54	0.47	0.44	0.55	0.53
	0.52	0.53	0.54	0.5	0.513	0.55	0.46	0.54	0.46	0.44	0.47	0.52
	0.52	0.54	0.53	0.52	0.524	0.52	0.48	0.52	0.47	0.43	0.47	0.54
	0.53	0.55	0.55	0.53	0.514	0.52	0.49	0.50	0.48	0.45	0.46	0.53
	0.53	0.52	0.55	0.58	0.519	0.51	0.50	0.50	0.48	0.46	0.46	0.52
	0.52	0.55	0.56	0.46	0.524	0.53	0.50	0.53	0.48	0.45	0.45	0.54
	0.53	0.53	0.56	0.5	0.522	0.52	0.49	0.52	0.46	0.44	0.49	0.52
	0.52	0.53	0.55	0.52	0.507	0.53	0.51	0.50	0.48	0.44	0.48	0.53
Mean	0.53	0.53	0.55	0.52	0.51	0.51	0.49	0.52	0.47	0.45	0.49	0.53
Std. Devn.	0.0052	0.0212	0.0114	0.0305	0.0106	0.0407	0.0169	0.0159	0.0088	0.0097	0.0313	0.0058
% RSD	0.98	4.04	2.07	5.88	2.08	7.96	3.42	3.08	1.86	2.18	6.43	1.11
	% Zn	% Zn	% Zn	% Zn	% Zn	% Zn	% Zn	% Zn	% Zn	% Zn	% Zn	% Zn
	1.95	1.80	1.98	1.80	1.79	1.95	1.83	2.11	1.89	1.98	1.98	2.01
	1.92	1.78	1.92	1.83	1.81	1.87	2.02	2.03	1.86	2.00	1.89	2.03
	1.97	1.90	1.99	1.84	1.85	1.94	2.01	2.06	1.89	1.99	1.94	2.04
	2.00	1.91	1.88	1.82	1.84	1.91	1.80	2.08	1.89	1.98	1.92	2.01
	1.94	1.99	1.92	1.77	1.88	1.95	1.84	2.02	1.89	2.00	1.93	2.08
	1.94	2.00	1.92	1.86	1.86	1.90	1.76	2.06	1.89	2.00	1.93	2.07
	1.98	1.91	1.98	2.02	1.87	1.93	1.96	2.07	1.88	2.01	1.96	2.01
	1.96	1.98	1.99	1.61	1.89	1.92	1.86	2.04	1.87	1.98	1.91	2.10
	1.95	1.95	1.96	1.78	1.87	1.90	1.75	2.12	1.87	1.99	1.94	2.01
	1.97	1.92	1.97	1.80	1.85	1.93	1.75	2.03	1.88	1.99	1.97	2.03
Mean	1.96	1.91	1.95	1.81	1.85	1.92	1.86	2.06	1.88	1.99	1.94	2.04
Std. Devn.	0.0230	0.0746	0.0381	0.1003	0.0311	0.0254	0.1042	0.0339	0.0110	0.0104	0.0275	0.0331
% RSD	1.17	3.90	1.95	5.53	1.68	1.32	5.61	1.65	0.59	0.52	1.42	1.63

STANDARD REFERENCE MATERIAL CDN-FCM-1

Participating Laboratories:
(not in same order as listed in table of results)

Acme Analytical Laboratories Ltd., Vancouver
Assayers Canada Ltd., Vancouver
ALS Chemex Laboratories, North Vancouver
Eco-Tech Laboratories Ltd., Kamloops
Eastern Analytical Laboratories Ltd., Newfoundland
Genalysis Laboratory Services Ltd., Perth
GTK Laboratory, Finland
International Plasma Laboratories Ltd., Vancouver
Loring Laboratories Ltd., Calgary
OMAC Laboratory Ltd., Ireland
SGS-Analabs, Perth
TSL Laboratories Ltd., Saskatoon

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Certified by Duncan Sanderson

Duncan Sanderson, B.Sc.
Licensed Assayer of British Columbia

B W Smee

Geochemist _____

Dr. Barry Smee, Ph.D., P. Geo.

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ORE REFERENCE STANDARD: CDN-CGS-6

Recommended values and the "Between Lab" Two Standard Deviations

Copper concentration: ***0.318 ± 0.018 %***
Gold concentration ***0.26 ± 0.03 g/t***

PREPARED BY: CDN Resource Laboratories Ltd.
CERTIFIED BY: Duncan Sanderson, B.Sc., Licensed Assayer of British Columbia
INDEPENDENT GEOCHEMIST: Dr. Barry Smee., Ph.D., P. Geo.

METHOD OF PREPARATION:

Reject ore material was dried, crushed, pulverized and then passed through a 200 mesh screen. The +200 material was discarded. The -200 material was mixed for 7 days in a rotary mixer. After internal assaying to test for homogeneity, splits were taken and sent to 12 laboratories for round robin assaying.

ORIGIN OF REFERENCE MATERIAL:

The ore was supplied by bcMetals Corporation from the Red Chris Property in British Columbia. Most of the mineralization is closely associated with individual and sheeted quartz (±carbonate) veining and quartz (±carbonate) stockwork zones. It occurs as disseminations and fracture coatings. Pyrite, chalcopyrite and lesser bornite are the principal sulphide minerals. Gold occurs as electrum spatially and genetically associated with the copper mineralization.

Approximate chemical composition is as follows:

	Percent			Percent
SiO2	54.1		MgO	2.4
Al2O3	14.6		K2O	2.8
Fe2O3	9.8		TiO2	0.4
CaO	4.3		LOI	10.0
Na2O	0.7			

Statistical Procedures:

The mean and standard deviation for all data was calculated. Outliers were defined as samples beyond the mean ± 2 Standard Deviations from all data. These outliers were removed from the data and a new mean and standard deviation was determined. This method is different from that used by Government agencies in that the actual "between-laboratory" standard deviation is used in the calculations. This produces upper and lower limits that reflect actual individual analyses rather than a grouped set of analyses. The limits can therefore be used to monitor accuracy from individual analyses, unlike the Certified Limits published on other standards.

Results from round-robin assaying are presented on the following page:

Assay Procedures: **Au:** Fire assay pre-concentration, AA or ICP finish (30g sub-sample).
Cu: 4-acid digestion, AA or ICP finish.

STANDARD REFERENCE MATERIAL CDN-CGS-6

	Lab 1	Lab 2	Lab 3	Lab 4	Lab 5	Lab 6	Lab 7	Lab 8	Lab 9	Lab 10	Lab 11	Lab 12
	Au g/t	Au g/t	Au g/t	Au g/t	Au g/t	Au g/t	Au g/t	Au g/t	Au g/t	Au g/t	Au g/t	Au g/t
	0.29	0.27	0.23	0.25	0.25	0.24	0.26	0.26	0.26	0.30	0.23	0.27
	0.26	0.25	0.24	0.25	0.25	0.24	0.26	0.26	0.27	0.30	0.24	0.27
	0.28	0.25	0.24	0.27	0.26	0.25	0.26	0.26	0.29	0.28	0.24	0.27
	0.27	0.27	0.21	0.24	0.26	0.25	0.25	0.27	0.27	0.29	0.24	0.27
	0.26	0.25	0.23	0.27	0.24	0.24	0.26	0.25	0.27	0.29	0.24	0.27
	0.27	0.27	0.24	0.25	0.26	0.25	0.26	0.25	0.26	0.32	0.25	0.27
	0.26	0.25	0.25	0.24	0.26	0.24	0.26	0.26	0.27	0.29	0.26	0.28
	0.27	0.26	0.26	0.26	0.26	0.24	0.25	0.25	0.26	0.28	0.24	0.26
	0.28	0.26	0.24	0.25	0.28	0.24	0.25	0.25	0.27	0.28	0.24	0.27
	0.29	0.25	0.24	0.27	0.26	0.25	0.25	0.25	0.29	0.28	0.25	0.27
Mean	0.273	0.258	0.238	0.255	0.258	0.244	0.256	0.256	0.271	0.289	0.242	0.270
Std. Dev.	0.012	0.009	0.013	0.012	0.010	0.004	0.005	0.007	0.011	0.012	0.007	0.005
%RSD	4.25	3.56	5.45	4.62	4.00	1.81	1.85	2.73	4.06	4.21	2.76	1.75
	Cu (%)	Cu (%)	Cu (%)	Cu (%)	Cu (%)	Cu (%)	Cu (%)	Cu (%)	Cu (%)	Cu (%)	Cu (%)	Cu (%)
	0.321	0.301	0.318	0.33	0.321	0.315	0.317	0.334	0.336	0.316	0.306	0.306
	0.317	0.299	0.318	0.33	0.317	0.316	0.317	0.341	0.333	0.329	0.317	0.311
	0.320	0.305	0.315	0.33	0.316	0.309	0.317	0.333	0.338	0.315	0.316	0.308
	0.319	0.304	0.313	0.33	0.317	0.311	0.316	0.361	0.336	0.316	0.313	0.309
	0.318	0.308	0.312	0.33	0.311	0.319	0.319	0.344	0.333	0.313	0.307	0.311
	0.320	0.306	0.318	0.33	0.309	0.316	0.317	0.360	0.334	0.315	0.319	0.316
	0.316	0.302	0.311	0.33	0.311	0.315	0.316	0.348	0.333	0.317	0.311	0.317
	0.318	0.306	0.315	0.33	0.312	0.314	0.319	0.328	0.333	0.319	0.313	0.318
	0.321	0.304	0.314	0.33	0.307	0.317	0.315	0.331	0.332	0.319	0.322	0.310
	0.317	0.306	0.319	0.33	0.303	0.312	0.316	0.330	0.331	0.323	0.316	0.312
Mean	0.319	0.304	0.315	0.330	0.312	0.314	0.317	0.341	0.334	0.318	0.314	0.312
Std. Dev.	0.0018	0.0027	0.0028	0.0000	0.0054	0.0030	0.0013	0.0121	0.0021	0.0047	0.0051	0.0040
%RSD	0.55	0.90	0.90	0.00	1.73	0.95	0.42	3.55	0.64	1.48	1.61	1.28

STANDARD REFERENCE MATERIAL CDN-CGS-6

Participating Laboratories:
(not in same order as listed in table of results)

Acme Analytical Laboratories Ltd.
Assayers Canada Ltd., Vancouver
ALS Chemex Laboratories, North Vancouver
EcoTech Laboratories Ltd., Kamloops
Genalysis Laboratory Services Pty. Ltd., Australia
GTK Laboratory, (Geological Survey of Finland)
International Plasma Laboratories Ltd., Vancouver
Loring Laboratories Ltd., Calgary
OMAC Laboratories Ltd., Ireland
SGS-XRAL, Toronto
SGS-Perth, Australia
TSL Laboratories, Saskatoon

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Certified by

Duncan Sanderson, B.Sc.
Licensed Assayer of British Columbia

Geochemist

Dr. Barry Smee, Ph.D., P. Geo.