REPORT ON 1990/1991 PHASE I AND II GEOLOGICAL, GEOCHEMICAL, GEOPHYSICAL AND DIAMOND DRILLING EXPLORATION

of the

MILA PROJECT

Kamloops Mining Division, B.C.
NTS 82M/12E
51°35'N, 119°37'W

for

Goldbank Ventures Ltd.

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Tim Neale, BSc., FGAC

May 23, 1991

SUMMARY

Phase I and Phase II exploration of the Mila property was carried out from August 30 to October 11, 1990 and December 14, 1990 to February 5, 1991, respectively.

The Mila property is underlain by metavolcanics and metasediments of the Devonian(?) Eagle Bay Formation. Phase I geological, geochemical, and geophysical exploration outlined five anomalous zones ranging in size up to 3000 m by 300 m. The anomalous zones are characterized by coincident anomalous geophysics and geochemistry and the presence of surface showings. Phase II geophysics filled in anomalous zones A and B and diamond drilling tested zones A, B, and C.

The most significant surface mineralized zones are the Nicanex road zone and Nicanex showing on Grid B and the Road showing on Grid A.

The Nicanex road zone consists of numerous pieces of float and subcrop mineralized with disseminated to massive pyrrhotite and pyrite and minor chalcopyrite, located along 1200 m of Nicanex road. Grab samples returned values of up to 1.53% Cu; 713 ppm Zn; 170 ppb Au; 7.3 g/t Ag.

The Nicanex showing is located within the Nicanex road zone, but appears to represent a different type or zone of mineralization. It consists of two outcrop exposures of narrow massive sulphide (pyrrhotite, sphalerite, chalcopyrite) horizons hosted by felsic tuffs and has returned grab sample assays of up to 9.28% Zn, 0.59% Cu, 0.480 g/t Au (sample 3503).

The Road showing occurs 3.5 km to the east at a higher stratigraphic level. It consists of disseminated pyrite $\pm$ chalcopyrite $\pm$ galena in felsic metavolcanics. Grab samples collected prior to Phase I assayed up to 0.28% Cu; 0.18% Zn; 0.19% Pb; 154 ppb Au.

Phase II geophysical exploration and diamond drilling was concentrated on Grid B, in the area of the Nicanex road zone on the northern side of Cedar Creek valley. The northern slope of the valley forms a dip-slope for the shallowly south-dipping Eagle Bay rocks. Drilling intersected two significant stratiform zones of disseminated to massive sulphide mineralization which strike easterly and dip to the south at about 20°. At least seven other mineralized zones of little or no apparent significance were also intersected.

The Upper zone occurs close to the bedrock surface and has locally been partially to completely eroded away. It includes disseminated to semi-massive pyrrhotite with lesser pyrite, chalcopyrite, sphalerite, and galena and is up to 42 m thick. A distinctive feature of the Upper zone is its elevated Mo content of up to 143 ppm. The Nicanex road zone is believed to represent the eroded remains of the Upper zone. Upper zone assays include:

Hole	From	To	Length	Cu %
M90-1	44.03	67.67	23.64	0.20
incl	50.49	55.75	5.26	0.32
M90-2	48.29	59.57	11.28	0.34
incl	53.00	59.57	6.57	0.46
M91-3	6.80	21.67	14.87	0.19
and	31.01	35.10	4.09	0.17
M91-5	11.94	16.32	4.38	0.13
and	24.18	30.15	5.97	0.42

The Main zone occurs approximately 50 m below the Upper zone and is about 27 m thick. It comprises disseminated to massive pyrrhotite with lesser pyrite and chalcopyrite in felsic tuffs. Main zone assays include:

Hole	From	To	Length	Cu %
M90-1	136.18	139.75	3.57	0.23
M90-2	122.10	126.40	4.30	0.20
M91-3	105.30	112.06	6.76	0.24
M91-5	69.80	79.22	9.42	0.13
M91-8	27.00	39.30	12.30	0.15
incl	30.95	35.26	4.31	0.35

The Nicanex showing is believed to represent the last remnant of a third, Zn-rich, mineralized horizon occurring above the Upper zone which has been almost entirely eroded away. All three horizons are believed to dip beneath the southern slope of Cedar Creek valley.

The south-dipping low-angle fault located south of Cedar Creek may cut off down-dip extensions of the mineralized horizons in the eastern part of Grid B (L10W to L6W), but towards the western end of the grid they likely dip underneath the fault, depending on its actual dip. North of Cedar Creek the mineralized horizons likely do not extend to the west much beyond the end of Grid B, as the topography is such that they must have been eroded. South of Cedar Creek, however, there is no such topographic constraint, and significant westerly strike extensions are possible.

A program of exploration is recommended to follow up the very encouraging results of work to date at an estimated cost of $590,000. Phase III is intended to explore for the downdip and westerly extensions of the mineralized zones discovered in the Nicanex road area.

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1.0 INTRODUCTION

This report summarizes the results of work carried out on the Mila property by MPH Consulting Limited and CME Consulting Ltd. at the request of Mr. H.K. Hoiles, President, Goldbank Ventures Ltd. Work carried out from August to October 1990 (Phase I) was performed by MPH for Goldbank Ventures Ltd. and International Suneva Resources Ltd., and was funded by Suneva. Phase II (December 1990 to February 1991) was carried out by CME for Goldbank, Suneva and Adrian Resources Ltd. and was funded by Adrian.

The 1990 Phase I program commenced August 30, 1990 and continued through to October 11, 1990 in the northeastern portion of the property. Work included geological mapping, rock sampling, soil sampling, geophysical surveys (IP, HLEM, Mag, Gravity), and claim staking.

Three grids (A, B and C) were established to cover airborne geophysical anomalies on the ground which were outlined during the previous year's work. Grid A was established over the Road showing within the Mila 4 and Mila 5 claims. Grid B was established to cover a moderate EM anomaly within the Mila 1 and Tosh 2 claims, and was later extended westward to cover selected areas where mineralized float had been discovered along the Nicanex road. Grid C, lying within the Mila 1 claim, was established as a westward extension of Grid B to cover a strong airborne anomaly on the ground.

The Phase II program was conducted between December 14, 1990 and February 5, 1991. A total of 1795 m of NQ diamond drilling was carried out to test the highest priority targets identified by Phase I work. Additional geophysical surveying (HLEM, magnetics) was carried out in the Grid B area to provide more complete coverage of the area of interest identified by Phase I.

2.0 LOCATION, ACCESS, TITLE

The Mila property is centred 5 km southeast of the town of Vavenby, B.C., in the Kamloops Mining Division of British Columbia at approximately 51°35' N Latitude, 119°37'W longitude on NTS mapsheet 82M/12E (Figs. 1 and 2).

Access to the claims from Vavenby is by a network of driveable logging roads. Numerous overgrown dirt tracks, impassable to vehicles, allow easy, direct access on foot to many parts of the property.

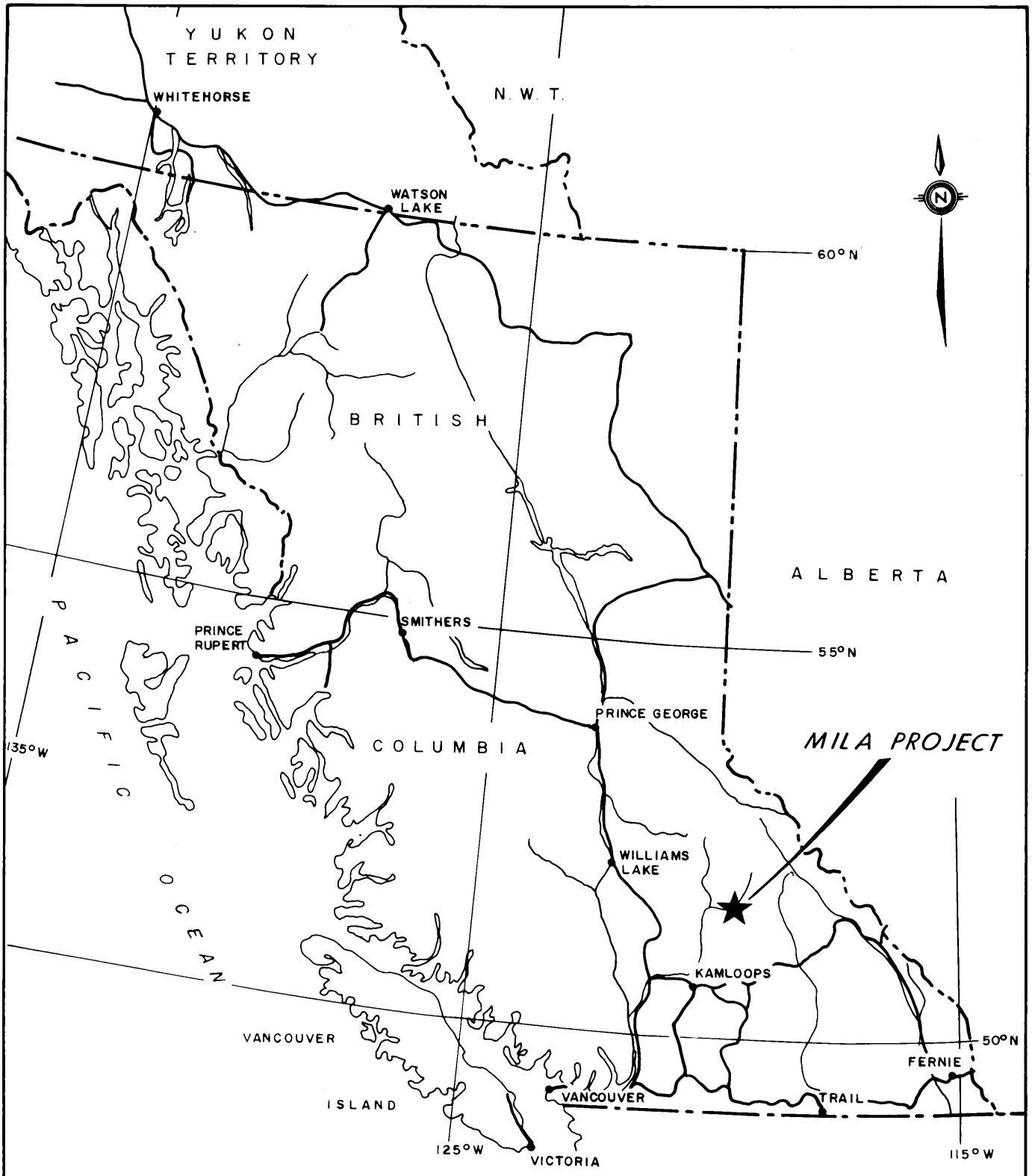
Topography varies from steeply incised creeks to a gentle rolling plateau, but most of the terrain underlying the property is fairly steep. Vegetation varies from open in logged areas to extremely dense near creeks. Over most of the area, vegetation is moderately thick.

The Jar and Mila claims were staked by Goldbank Ventures Ltd. in 1988. The Tosh, Chris and Graf claims were staked during the Phase I work program and combine with the Jar and Mila claims to make up the Mila Property. Claim information is summarized in the following table:

Claim Name	Record No.	Units	Anniversary Date
JAR 1	7837	18	June 30, 1992
JAR 2	8098	20	Oct. 19, 1992
JAR 3	8099	20	Oct. 19, 1992
MILA 1	7838	20	June 30, 1993
MILA 2	8097	20	Oct. 20, 1992
MILA 3	8121	8	Nov. 5, 1992
MILA 4	8122	20	Nov. 6, 1993
MILA 5	8123	8	Nov. 7, 1993
TOSH 1	9651	8	Sept. 6, 1991
TOSH 2	9652	4	Sept. 5, 1991
CHRIS 1	9667	16	Sept. 25, 1991
CHRIS 2	9668	16	Oct. 2, 1991
CHRIS 3	9669	12	Oct. 1, 1991
CHRIS 4	9670	12	Sept. 30, 1991
CHRIS 5	9671	12	Sept. 28, 1991
CHRIS 6	9672	20	Sept. 28, 1991
GRAF 1	9675	15	Sept. 23, 1991
GRAF 2	9676	18	Sept. 29, 1991
GRAF 3	9677	15	Sept. 27, 1991
GRAF 4	9678	18	Sept. 29, 1991
GRAF 5	9679	20	Sept. 28, 1991
GRAF 6	9680	20	Oct. 2, 1991
GRAF 7	9681	20	Sept. 27, 1991
GRAF 8	9682	20	Sept. 30, 1991
GRAF 9	9683	15	Oct. 2, 1991
GRAF 10	9684	15	Sept. 30, 1991
GRAF 11	9685	12	Oct. 2, 1991
GRAF 12	9711	1	Nov. 11, 1991
	Total	423	

The claims are all owned by Goldbank Ventures Ltd. International Suneva Resources Ltd. has earned a 50% interest.

Adrian Resources Ltd. may earn 70% of Goldbank's and Suneva's interests by delivering a positive feasibility study and by carrying out $1,500,000 worth of exploration over 5 years, including at least $300,000 per year and making payments totalling $150,000 to Goldbank and Suneva.



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ADRIAN RESOURCES LTD.

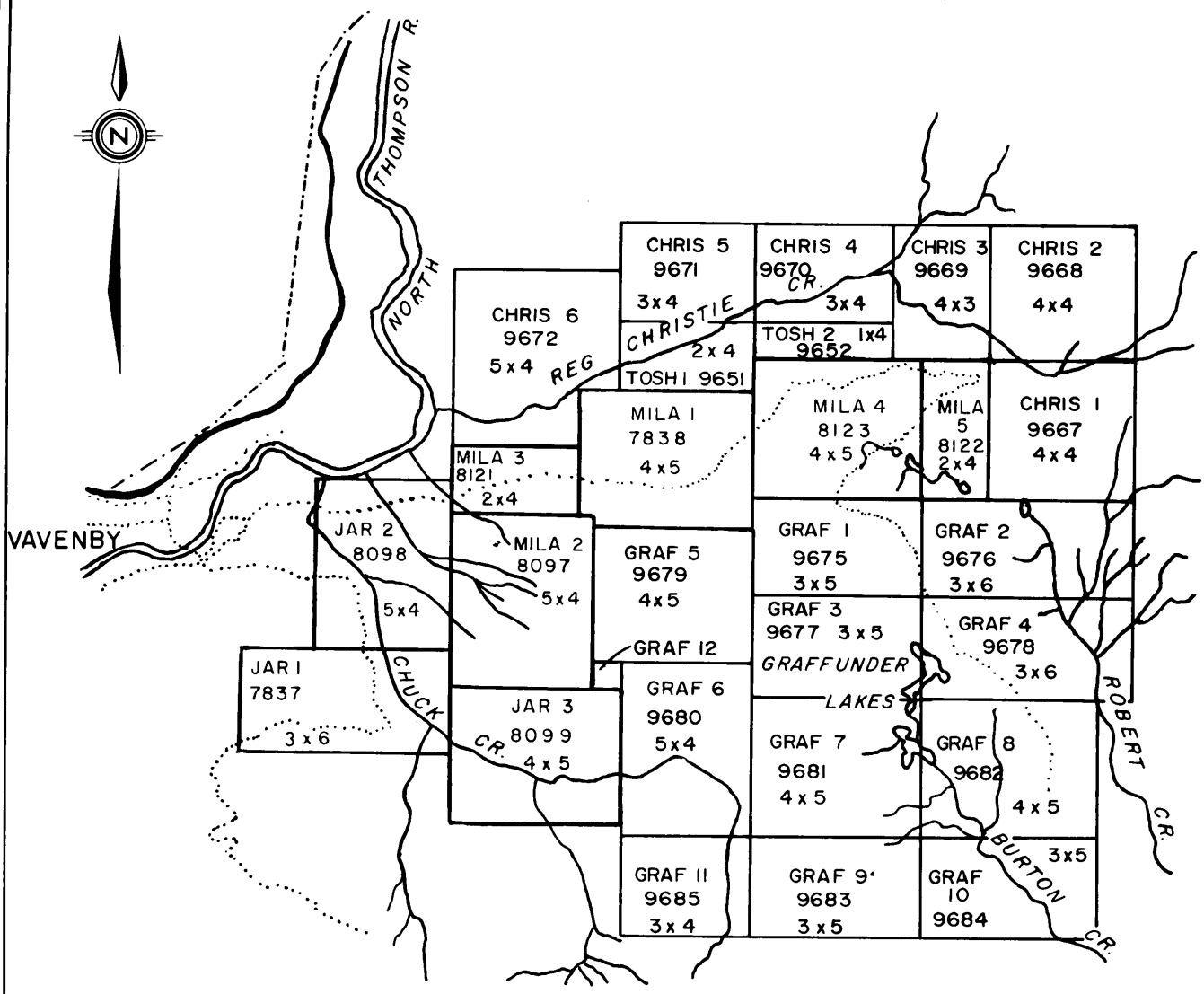
GENERAL LOCATION MAP

MILA PROJECT

KAMLOOPS MINING DIVISION

Project No:	01A	By:	C.N.
Scale:	1 : 8 000 000	Drawn:	J.S.
Drawing No:	1	Date:	May, 1991.

CME Consulting Ltd.



NTS 82 M / 12

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CLAIMS MAP

MILA PROJECT

KAMLOOPS MINING DIVISION

Project No	01A	By	K.D.L., C.N.
Scale	1 : 100 000	Drawn	J.S., K.S.
Drawing No	2	Date	May, 1991.

CME Consulting Ltd.

3.0 PREVIOUS WORK

Government geological work in the area includes regional reconnaissance mapping by the Geological Survey of Canada beginning in 1963 (Campbell and Tipper, 1971). Later work includes regional mapping in 1979 by Okulitch of the Geological Survey of Canada and Schiarizza of the British Columbia Department of Mines and Energy in 1985.

In 1970, Nicanex Mines Ltd. conducted a geological, geochemical and geophysical program on ground located between Reg Christie and Cedar Creeks. A total of 1800 soil samples was collected, these samples were analyzed for copper only. The geophysical surveys included 24 line-km of ground magnetics and 12 line-km of Induced Polarization survey. The geophysical and geochemical results outlined the Nicanex Zone (Crosby, 1970; Walcott, 1970). Nicanex tested this zone the following year by drilling a total of 342 m in 3 holes. No record of the results of the drilling program has been found.

Barrier Reef Resources Ltd. conducted a geological and geochemical program in 1978. A total of 431 soil samples, which were analyzed for copper and uranium, was collected from a grid which covered the Nicanex zone area. This program led to the outlining of the AFR zone, located 500 m south of the Nicanex zone (Dawson, 1978). A follow-up program in 1979 consisted of 5 percussion drillholes totalling 363 m. This program tested the AFR zone at depth and returned values of 944 ppm Cu over 19.8 m, 363 ppm Cu over 39.6 m, 44 ppm Mo over 12.2 m and 618 ppm Cu over 6.1 metres (Dawson, 1979).

In 1981, Cima Resources Ltd. conducted a single work day in which 25 soil samples were collected along a single line across the Nicanex zone. These samples were analyzed for Au, Ag, Cu, Pb and Zn. Results were low for all elements (Corvalon, 1984).

The Newmont Exploration of Canada Ltd. program during 1985 consisted of geological mapping and geochemical surveys. A total of 144 soil samples was analyzed for Au, Ag, Cu, Pb and Zn. Anomalous values for Cu, Pb and Zn outlined two areas, one of which is located at what is now referred to as the Road showing. The Au and Ag values were uniformly low over most of the grid (Turner, 1985). A total of 83 silt samples was collected and analyzed for Au and by ICP. No anomalous values were returned from any of the silt samples (Nebocat, 1985). Two geophysical surveys were performed to follow up on the geochemical anomalies. This program consisted of 30 line-km of EMP and magnetometer surveying. The EMP survey outlined one weak and two

discrete conductors. The weak conductor is located by the Road showing, while the other two conductors are located 300 m south and 1600 m southwest of the Road showing (Limion, 1985). The magnetic survey did not show any clear magnetic trends. Later, in 1986, a limited drill program was designed to test the two EMP conductors at depth. A total of 312 m was drilled in 2 diamond drillholes. Horizons of conductive graphitic argillite were intersected in both holes. Turner (1986) concluded that these horizons were responsible for the EMP conductors. The hole farthest from the Road showing intersected a 6.7 m section of graphitic argillite which returned zinc values ranging from 435 ppm to 1440 ppm.

In 1989, Goldbank Ventures Ltd. conducted an airborne geophysical survey covering the entire Mila Property. The survey consisted of 492 line-km of magnetic and electromagnetic measurements. The survey outlined five high priority areas, three of which lie in the area of the Nicanex, AFR and Road showings (Lund, 1989).

4.0 REGIONAL GEOLOGY

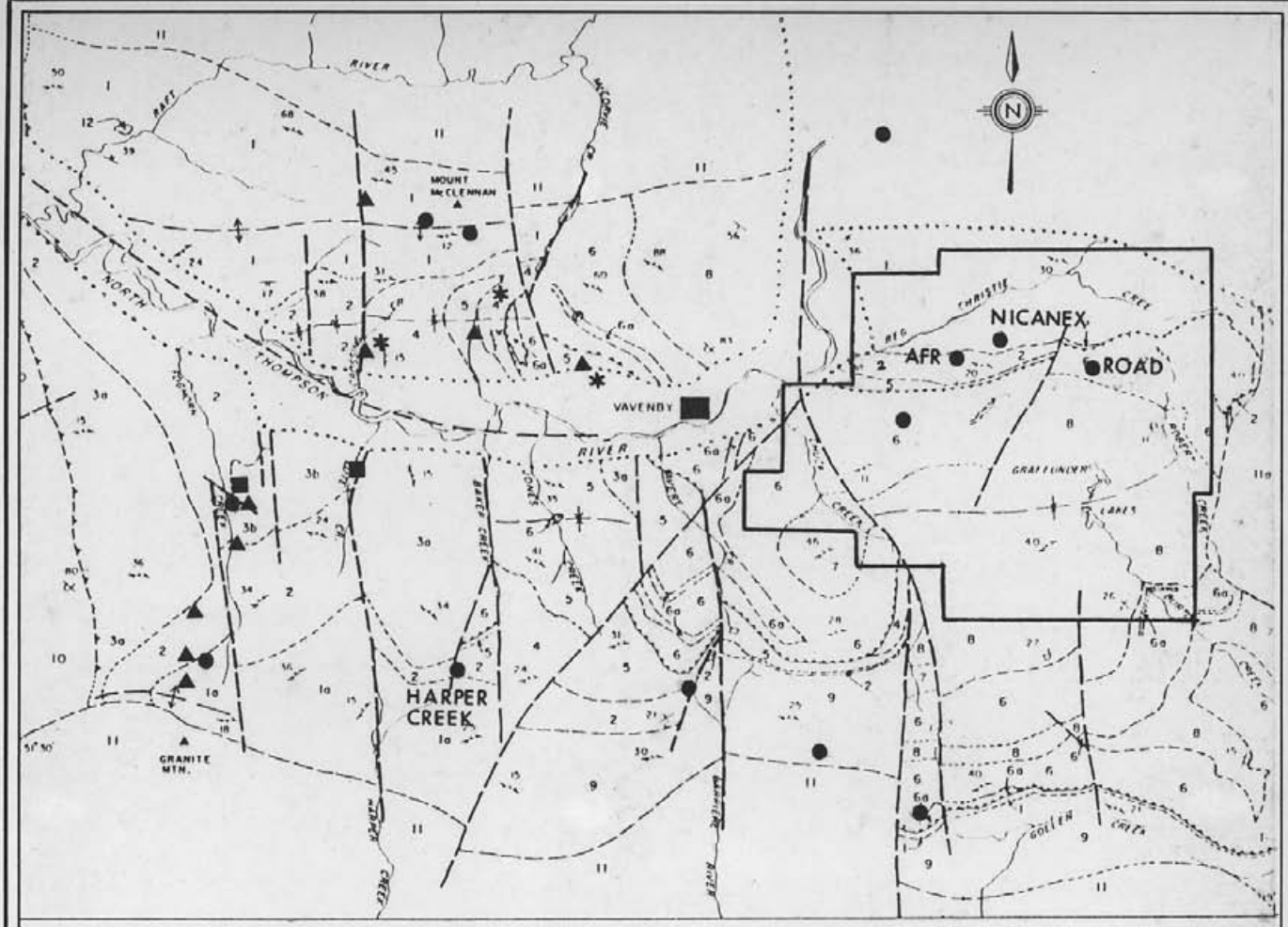
The Vavenby area is underlain by Paleozoic Eagle Bay Formation and Fennell Formation rocks. The Eagle Bay Formation has been intruded by Devonian(?) and Cretaceous granitic rocks, and is overlain by Miocene basalt (Fig. 2a).

4.1 Regional Geology

Eagle Bay Formation

Schiarizza (1985) divides the Eagle Bay Formation in the Vavenby area into eight units. At the base of the formation is a quartzite-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-grained clastic metasedimentary rocks (Units 4 and 5) of Devonian-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.

Unit 1 is dominated by light to medium grey quartzite, platy chlorite-muscovite quartzite, and chlorite-muscovite-quartz schist. Biotite and garnet occur locally, as do dolostone, calc-silicate schist, dark grey phyllite, silvery sericite-quartz phyllite, and green chloritic schist.



LEGEND

GEOLOGY

MIOCENE

12 Basalt

CRETACEOUS

11 a) Raft batholith
b) Baldy batholith

UPPER PERMIAN - LOWER MISSISSIPPIAN

10 Fennel Fm.

DEVONIAN (?)

9 Orthogneiss

PERMIAN (?) AND OLDER - Eagle Bay Fm.

8 Clastic metasediments

7 Intermediate metavolcanics

6 Mafic metavolcanic - limestone
a) Tshinakin limestone

5 Fine to coarse-grained clastic metasediments

4 Fine to coarse-grained clastic metasediments

3 Felsic to intermediate metavolcanics (a,b)

2 Felsic to intermediate metavolcanics

1 Quartzite dominated succession

SHOWINGS / DEPOSITS

● Cu

■ U

▲ Ag-Pb-Zn

✱ Au

SYMBOLS

Foliation

Syncline

Anticline

Bedding

Overturned bedding

Fault

Geological contact

Reference: Schiarizza (1985)

0 5 10 km

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REGIONAL GEOLOGY MAP
MILA PROJECT
KAMLOOPS MINING DIVISION

Project No:	01A	By:	C.N.
Scale:	1:200 000	Drawn:	J.S.
Drawing No:	2a	Date:	May, 1991.

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Unit 2 consists mainly of light silvery grey sericite-quartz phyllite and chlorite-sericite-quartz phyllite, derived largely from felsic to intermediate volcanic and volcaniclastic rocks.

The phyllite commonly contains eyes of glassy quartz, up to several millimetres in size. Also present are green chloritic phyllite derived from more mafic volcanic rock, dark grey phyllite and siltstone, light grey sericitic quartzite, and thin horizons of pyritic cherty rock that may be of exhalative origin.

Unit 3a comprises pale to medium green, strongly to weakly foliated chlorite-sericite schists, which commonly contain crystals of feldspar, hornblende, and quartz, as well as lithic clasts to several centimetres in size. This unit was derived largely from intermediate crystal-lithic tuffs, but may also include some porphyritic flows.

Unit 3b comprises feldspar porphyry, feldspathic schist, sericite-feldspar-quartz schist and metavolcanic breccia, derived from dacitic and rhyolitic intrusive and extrusive rocks.

Unit 4 consists of light to medium greenish grey grit, quartzite, and chlorite-sericite-quartz schist with minor amounts of intercalated black grey phyllite, limestone, and chlorite schist.

Unit 5 consists mainly of dark grey phyllite with intercalated siltstone, sandstone and grit, and minor amounts of pebble conglomerate. It also includes medium to dark grey limestone and pale greenish grey schistose chloritic and sericitic dolostone.

Unit 6 consists mainly of medium to dark green calcareous chlorite schist, dolomite-chlorite schist and relatively massive greenstone, derived from mafic volcanic and volcaniclastic rocks. It also includes minor amounts of sericite-chlorite schist containing hornblende, feldspar, and rare quartz crystals, which was derived from intermediate crystal tuffs and/or porphyritic flows. Thin lenses and beds of white crystalline limestone and rusty weathering schistose dolomite occur locally throughout the unit. A light grey limestone up to several hundred metres in thickness (Unit 6a) is known as the Tshinakin limestone.

Unit 7 consists of light to medium green crystal-lithic metatuff, similar to that of Unit 3a, with lesser amounts of intercalated limestone, dolomite-chlorite schist, platy quartzite, and chlorite-muscovite-quartz schist.

Unit 8 consists of light to medium greyish green quartzite, grit, and chlorite-muscovite-quartz schist, with relatively minor amounts of intercalated dark grey phyllite and dolomite-chlorite schist.

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 by "seams" of chlorite-sericite schist. Locally it grades to virtually massive granitic rock or conversely to strongly foliated chlorite-sericite schist containing large "eyes" of quartz. 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 pillowed 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 pillowed and massive basalt with minor amounts of bedded chert, gabbro, basaltic breccia and tuff.

Schiarizza (1985), in his description of the Fennell Formation for the Vavenby area, does not divide the Formation into two units. Instead he uses one unit which contains rocks similar to those described by Schiarizza and Preto (1984).

Granitic Rocks

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

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).

4.2 Structure

Schiarizza (1985) describes four types of structures which exist in the Vavenby area:

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 synmetamorphic schistosity is axial planar. Throughout most of the area this schistosity is parallel to bedding.

3. Northwest-trending folds and crenulations 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.

4.3 Economic Setting

Numerous mineral occurrences are located in the immediate area of the Mila Property (Fig. 2a). The Samatosum deposit occurs outside the area of Fig. 2a, but is of particular significance because of its similar geological setting to the Mila Property. The Samatosum deposit is located approximately 55 kilometres south of the Mila Property, just west of Adams Lake. It is a zone of massive to disseminated tetrahedrite, sphalerite, galena, pyrite and chalcopyrite with minor bornite and arsenopyrite in a silicified and sericitized, impure quartzite, wacke, siltstone sequence. Width varies from 10 cm to 12 m. Mineralization also occurs in a quartz vein which cuts and is parallel to the main mineralized zone. Reserves are estimated as 711,000 tonnes grading 831 g/t Ag, 1.5 g/t Au, 1.0% Cu, 1.4% Pb and 2.2% Zn (Canadian Mines Handbook, 1990-91).

The Harper Creek deposit is a large, low-grade copper deposit located approximately 10 kilometres southwest of the Mila Property. The deposit is within the Devonian part of the Eagle Bay Formation metavolcanics and metasediments. Sulphide mineralization is associated with quartz-sericite phyllites, chloritic phyllite, carbonaceous phyllite and sericitic quartzite. Mineralization consists mainly of chalcopyrite, with minor amounts of sphalerite, galena, arsenopyrite, molybdenite, tetrahedrite-tennantite, bornite and cubanite occurring as disseminations along foliation, in quartz and quartz-carbonate veins, and with massive pyrite-pyrrhotite. Magnetite

also occurs as massive lenses with minor chalcopyrite. Reserve estimates as of 1988 are 70,700,000 tonnes at 0.41% Cu (PBK Engineering Ltd., 1988).

The numerous mineral occurrences shown on Figure 2a represent a variety of occurrence types. The style of mineralization varies from veins to massive sulphide systems to overlapping vein and massive sulphide deposits like Samatosum.

5.0 1990-91 PHASE I AND II EXPLORATION PROGRAM

Phase I was carried out from August 30, 1990 to October 11, 1990. The following work was completed:

24.15 line-km of grid established, including
24.15 line-km of linecutting
19.75 line-km of total field magnetic surveying
18.15 line-km of MaxMin HLEM surveying
16.05 line-km of IP surveying
24.15 line-km of soil sampling
0.925 line-km of gravity surveying
1:5000 scale geological mapping and sampling of the grid area
20 claims totalling 289 units staked.

Grid A (14.1 line-km) was placed to provide coverage of the ROAD showing. Lines are oriented at 355° azimuth, with line spacings of 100-400 m and station intervals of 25 m. Grid B (5.65 line-km) was placed to cover the Nicanex zone with lines oriented at 340° azimuth. Line spacings are 200-400 m with stations at 25 m intervals. Grid C (1.45 line-km) comprises 2 lines 200 m apart oriented at 000° with 25 m stations.

Phase II was carried out from December 14, 1990 to February 5, 1991. The following work was completed:

12.7 line-km of grid established, including
12.7 line-km of linecutting
12.7 line-km of total field magnetic surveying
10.5 line-km of MaxMin HLEM surveying
1794.97 m of NQ diamond drilling in 9 holes from 7 setups.

All grid work was within Grid B. Additional lines (12.7 line-km) were placed to provide 50 to 100 m line spacing over all of Grid B. Extensive snow cover and frozen ground prevented any soil sampling or geological mapping/sampling from being carried out.

5.1 Property Geology

Geological mapping and rock sampling were conducted over the grid areas at a 1:5000 scale. Geological mapping was made difficult due to limited bedrock exposure. A total of 69 rock samples was collected and analyzed for Au by Atomic Absorption and for 31 elements by ICP at Rossbacher Labs in Vancouver and in Eco-Tech Labs in Kamloops. Certificates of analysis and assay are included in Appendix 3a. Rock sample descriptions and selected lithogeochemical results are tabulated in Appendix 2. Rock sample locations are shown on Fig. 3.

5.1.1 Lithologies and Structure

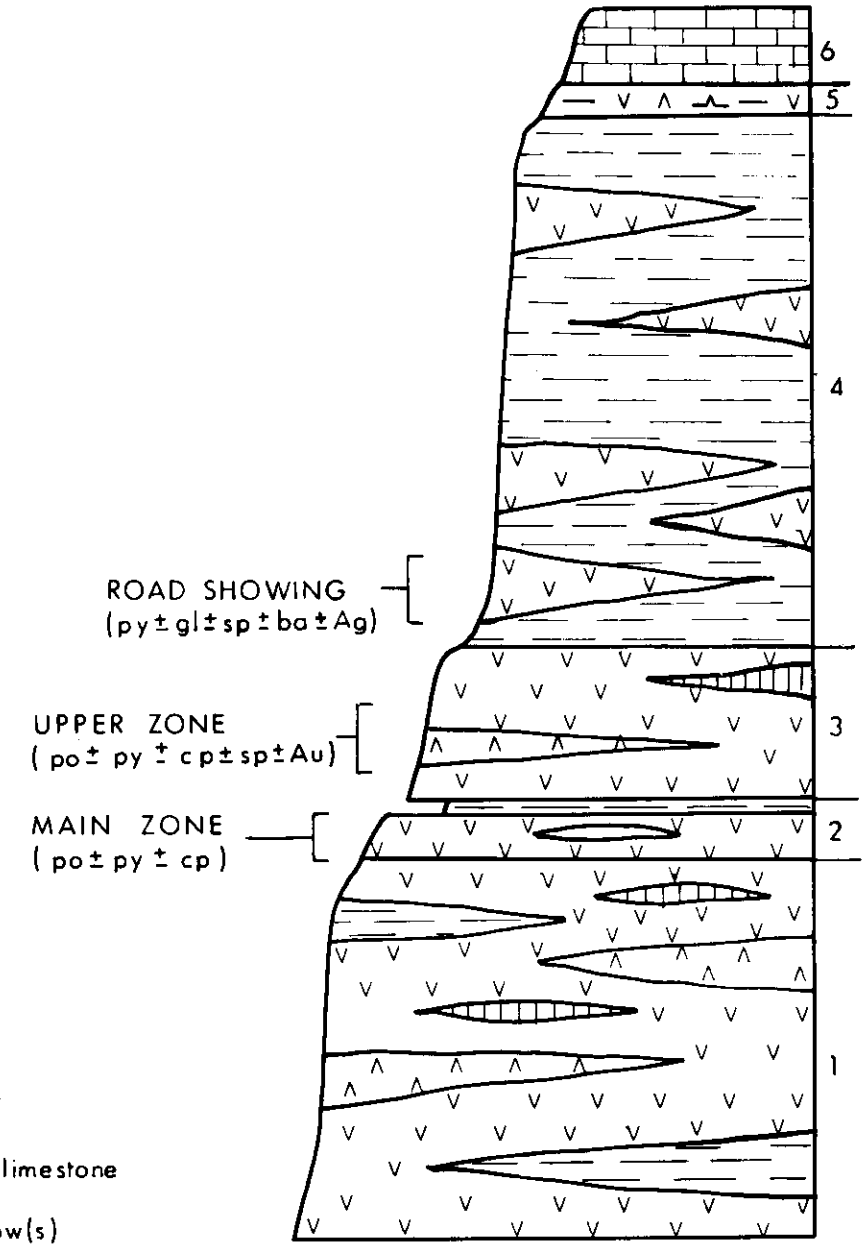
The study area is underlain by a sequence of interbedded rocks of the Eagle Bay Formation (Fig. 3). The rocks have been metamorphosed to mid to upper greenschist grade. They are interpreted to represent felsic to mafic tuffs and fine-grained sediments with lesser felsic flows and carbonates. The sequence has been divided into six stratigraphic units, based on surface exposures and diamond drilling, as described below and illustrated on a schematic stratigraphic section (Fig. 3a).

1) A thick series of bimodal volcanics with interbedded sediments occurs at the base of the sequence. The majority of the volcanic rocks are tuffaceous. The unit includes grey to black graphitic phyllite/ argillite, siltstone, and chert (1a) and grey medium- to fine-grained very siliceous quartz-chlorite-muscovite schists (1b). Lesser amounts of impure quartzite and quartz porphyritic felsic flows also occur.

2) Overlying unit 1 is a thin layer of felsic metavolcanics, mostly tuffaceous with some flow(s). Local interbeds of mafic metavolcanics are present. Drilling indicates that unit 2 is capped by a 6 to 8 m thick layer of limey argillite to siltstone.

3) Unit 3 is similar to unit 1. It consists of interbedded felsic to mafic tuffs and fine-grained sediments. Lesser amounts of quartz porphyritic felsic flows also occur. The volcanics are represented by greenish grey, medium- to fine-grained quartz-chlorite-sericite schists containing interbeds of dolostone/limestone (3a) and dark green, fine-grained chlorite-carbonate schists (3b). Sediments include grey to black argillite/phyllite and siltstone with interbeds of dolostone/ limestone (3c).

4) A thick succession of graphitic argillites and felsic tuffs overlies unit 3. Unit 4 includes grey to black graphitic argillite/phyllite to



LEGEND

Tshinakin limestone

Mafic flow(s)

Sediments (argillite ± limestone)

Mafic tuffs

Felsic flows

Felsic tuffs

0 100 200 m

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SCHEMATIC STRATIGRAPHIC SECTION

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Project No	01A	By	C.N.
Scale	1 : 5000	Drawn	J.S.
Drawing No	3a	Date	May 1991.

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siltstone and rare siliceous phyllite (4a) and greenish grey medium- to fine-grained quartz-chlorite-sericite schist with dolostone/limestone interbeds (4b).

5) Unit 5 is similar to units 1 and 3, but is thinner. It consists of interbedded felsic to mafic metavolcanics and fine- to coarse-grained sediments. Included are dark green medium- to fine-grained recrystallized mafic flow(s) (5a), quartz-chlorite-sericite schist (5b), graphitic argillite (5c), and rare quartz pebble conglomerate (5d).

6) Unit 6 is a carbonate unit consisting of massive white to grey calcareous quartz-sericite schists after dolostone/limestone. It is known as the Tshinakin limestone.

Unit 7 is a quartz feldspar porphyritic intrusive. It was noted in only one outcrop, cutting unit 1 rocks east of grid B.

Most rocks are strongly foliated parallel to bedding. Foliation strikes easterly and dips gently to moderately to the south. Mapping by Schiarizza (1985) suggests that the rocks in the Vavenby area are overturned; no evidence to support overturning was found in the study area. Folding does not appear to affect the rocks to any large degree beyond gentle open warping. The only significant fault is an inferred northeast to east trending low angle fault which runs approximately along the course of Cedar Creek.

5.1.2 **Mineralization** (Fig. 3)

Two main zones of mineralization occur on surface on the Mila property. They are the Nicanex road zone and the Road showing.

Nicanex road zone

The Nicanex road zone is located along Nicanex road from L2E Grid C to L12W Grid B, a distance of approximately 1200 m. It consists of discontinuous occurrences of float and lesser subcrop to outcrop of stratigraphic unit 3(?) mineralized with disseminated to massive sulphides.

The Nicanex showing consists of 2 narrow massive sulphide horizons exposed in outcrop near L21W, 8+55S Grid B. The massive sulphide layers consist of 40 to 50% pyrrhotite with 10 to 15% sphalerite and 2 to 3% chalcopyrite. The western layer is 75 cm thick and is oriented at 140/40°S. The eastern layer is located 60 m along the road and is 30 cm thick and oriented at

090/20°S. The horizons have footwalls of quartz-chlorite schist and hanging walls of limestone/dolostone(?). Mineralization grades into both the hanging wall and footwall. Grab samples of the massive sulphides assayed up to 0.59% Cu, 9.28% Zn, 0.480 g/t Au (3503). A footwall grab sample returned 144 ppm Cu, 1532 ppm Zn, 30 ppb Au. The hanging wall was not sampled.

The rest of the zone is represented by sub-outcrop and float in the roadcut. Mineralized float, ranging in size from several centimetres to several metres, occurs in great abundance along the length of the zone. A total of 50 samples was collected; selected results are shown in Table 1 below.

Several boulders of Zn-rich massive sulphides found to the east of the showing appear to have been derived from a source similar to the showing. Grab samples from these boulders assayed up to 8.18% Zn; 1.01% Cu; 25.7 g/t Ag; 0.33 g/t Au. The remainder of the samples from the Nicanex road zone appear to be derived from a different source, as they lack the high Zn values, have somewhat elevated Mo values, and contain disseminated to semi-massive, rather than massive, sulphides. Assays from these samples range up to 1.53% Cu; 713 ppm Zn; 170 ppb Au; 7.3 g/t Ag. At L16W Grid B, quartz-chlorite-sericite schist sub-outcrop mineralized with 2-3% combined pyrite and chalcopyrite occurs. Grab sample 1510 assayed 1.38% Cu.

Table 1: Nicanex Road Rock Samples

	Sample No.	Cu % (ppm)	Zn % (ppm)	Au g/t (ppb)	Ag g/t (ppm)	Other % (ppm)
Zn-rich Massive Sulphides (Nicanex Showing)						
Outcrop	3503	0.59	7.12	0.480	(2.4)	(320) Cd
	3505	0.53	7.60	0.274	(2.0)	(370) Cd
	3506	0.06	1.13	0.240		(13566) Mn
	3507	0.30	9.28	0.411	(3.9)	(437) Cd, (477) Pb
	2501	(1693)	(53999)	(40)	(1.6)	(270) Cd
Float	1531	1.01	7.42	0.33	7.4	(20) Mo, 0.14 W, (410) Pb, (275) Cd
	1533??	(757)	(3775)			(13565) Mn
	1534	(4514)	(44339)	(150)	(5.4)	(529) Pb, (211) Cd
	1603?					>15.00 Ca
	1604	0.75	6.10	(185)	4.5	(24) Mo, 0.10 W, (282) Pb, (212) Cd
	1605	0.27	6.64	(100)	25.7	(25) Mo, 0.12 W, (3185) Pb (292) Cd
	1606	0.19	8.18	(55)	2.3	(36) Mo, 0.18 W, (494) Cd
	1701	0.96	5.00	(170)	0.5	(13) Mo, (189) Cd

Table 1: Nicanex Road Rock Samples (cont.)

	Sample No.	Cu % (ppm)	Zn % (ppm)	Au g/t (ppb)	Ag g/t (ppm)	Other % (ppm)
Wall Rock to Zn-rich Massive Sulphides						
Outcrop	3504	(144)	(1532)	(30)		
	3508	(59)	(1113)			
	3510?	(16)				
Float	1532?	0.12	4.44	(55)	1.8	(135) Cd
	2502?	(1314)	(713)			
Disseminated to Semi-massive Sulphides (Nicanex road zone)						
Outcrop	1514	0.04	0.01			
	1519	0.15				(24) Mo
	2701	(167)				
	3513	(390)				
Float	1501	0.18	0.01	(75)	(2.0)	
	1502	0.24				
	1503	0.02				
	1504	0.20		(170)		
	1505	0.10	0.03			
	1506	(138)	(196)			
	1507	0.32	(201)		(2.4)	
	1508	0.01		(120)		(15) Mo
	1509	0.12	0.05			
	1510	1.38	0.02	(155)	0.5	(38) Mo
	1511	0.43	0.01	(120)	(2.6)	
	1512	(178)	(123)			
	1513	0.29	(205)			
	1515	0.03	(140)			
	1516	0.22				(20) Mo
	1517	0.15	(144)			(29) Mo
	1518	0.11		(135)		(22) Mo
	1520	(102)	0.02			
	1521	1.14	0.01			(13) Mo
	1522	0.23				
	1523	(10058)	(195)	(50)	(1.8)	
	1524	0.32				
	1525	0.91	(105)	(25)	4.1	(18) Mo
	1526	0.74	0.01			(15) Mo
	1527	0.13				(14) Mo
	1528	1.53	0.02	(30)	7.3	
	1529	0.48	0.02			
	1530	0.07				(11) Mo
	1601	0.99	0.06	(30)		(17) Mo
	1602	0.19	0.07	(75)		
	2502	(1314)	(713)			
	3511	0.23				
	3512	(483)	(166)			
	3514	0.69	(164)	(40)	(1.6)	(13) Mo
	3515	0.96	(220)	(40)	(2.8)	(15) Mo
	3516	0.17				

Road showing

The Road showing is located at L5W, 3+50S Grid A. Mineralization consists of finely disseminated pyrite ± chalcopyrite ± galena occurring along foliation planes and on fractures in stratigraphic unit 4 quartz-chlorite-sericite schists and silvery phyllites. Grab samples taken in 1988 and 1989 returned values of up to 0.28% Cu; 0.18% Zn; 0.19% Pb; 154 ppb Au. The Road showing differs from the Nicanex road zone in its anomalous lead content and the dominance of pyrite over pyrrhotite, in addition to its occurrence in a higher stratigraphic unit.

Other

Mineralization occurring in stratigraphic unit 1 consists of fine- to medium-grained disseminated pyrite ± pyrrhotite in graphitic argillites in the area of the baseline of L0 and L2W, Grid B. Grab samples returned background values for all elements.

Mineralization in stratigraphic unit 2 occurs in an outcrop on the Main road 500 m south of the Cedar Creek bridge. The mineralization is similar to that of the Nicanex road zone. This outcrop is believed to be the source for the rip-rap used in building the Cedar Creek bridge. Numerous massive sulphide boulders are included in the rip-rap. Grab sampling of the boulders during staking of the Mila claims in 1988 yielded values of up to 0.20% Cu, 0.63% Zn, 6.6 ppm Ag.

Stratigraphic unit 3, the host of the Nicanex road zone, is also mineralized at L4W, 0+65S and at L5W, 0+50S on Grid A. There, quartz-sericite schist hosts disseminated pyrite. Grab samples from both locations returned background values apart from a 389 ppm Co result from the L4W location (3501).

Sample 2504, a float massive sulphide sample from near L28W, 6+60S, Grid A, occurs within stratigraphic unit 4 and returned values of 5802 ppm Cu, 215 ppm Zn.

A 20 m exposure of stratigraphic unit 5 rocks at L28W, 9+00S, Grid A contains 2-3% medium-grained disseminated pyrite and lesser pyrrhotite on foliation planes of quartz-chlorite-sericite schist. Grab sample 3509 returned values of 113 ppm Cu, 877 ppm Zn.

5.2 Soil Geochemistry Survey

The soil geochemistry program involved collection of a total of 794 samples from the B horizon (average depth of 25 cm when possible) at 25 m intervals

on all three grids during Phase I. The soil samples were analyzed for gold by AA and 31 elements by ICP at Rossbacher Labs in Vancouver. Copper and zinc results are presented in plan view on Fig. 4 and in profile form on Figs. 6-27. Certificates of analyses are included in Appendix 3b.

A zone of elevated copper values with occasional elevated zinc, occurs in the vicinity of Nicanex road from L12W of Grid B to L2E of Grid C. This zone is about 1250 m long and up to 200 m wide. Strongly anomalous copper values occur on lines 16W to 19W along the northern edge of the elevated zone. A subparallel zone of elevated copper values occurs further south on L 16W to L 21W, along Cedar Creek. Anomalous zinc values occur coincident with the core of this copper zone. A possible third subparallel zone of elevated copper values occurs at the southern end of L 16W and 18W. Two zones of elevated to anomalous zinc values occur on L 0 and 2W. These zones have little or no correlation with copper values. Elsewhere on Grids B and C, scattered spot highs in copper and occasional zinc highs occur.

On Grid A, a zone of elevated copper values occurs over a distance of 900 m from L20W 4+75S-6+75S to L28W 9+00S-9+25S. Associated with the copper anomaly are three subparallel zones of elevated zinc values. The southern zinc zone is coincident with the copper zone, while the others occur further north, and oriented more closely orthogonal to the grid than the Cu-Zn zone. In the area of the Road Showing, numerous small copper and/or zinc highs occur, including a small (200 m by 25-75 m) Zn $\pm$ Cu zone directly over the showing.

5.3 Geophysical Surveys

Ground geophysical surveying included Phase I and II magnetometer and HLEM surveys and Phase I IP and gravity surveys. Magnetometer surveying was carried out over all of Grids A, B, and C. HLEM surveying was carried out over most of Grids A, B, and C. IP surveying was carried out over selected portions of Grids A, B, and C to define HLEM or magnetic anomalies and to extend field-identified IP anomalies. A gravity survey was carried out on a single line on Grid B to determine whether gravity would supply useful information.

5.3.1 Magnetometer Survey

The Phase I and Phase II total field magnetic surveys were conducted using two EDA Omni Plus magnetometers, one used as a field unit and the other as a base station recorder to monitor the diurnal variations in the local magnetic field. Readings were taken at a nominal station spacing of 12.5

metres on all lines. In anomalous areas, readings were taken at 6.25 m spacings in order to detail the anomaly.

Phase I surveying was carried out on lines 2W, 4W, 5W, 6W, 8W, 10W, 12W, 18W, 20W, 22W, 24W, 26W and 28W Grid A, lines 0, 2W, 12W, 16W, 18W, and 21W Grid B, and lines 0 and 2E Grid C. Results are shown in profile form on Figs. 6-27. Due to the wide line spacing, a contoured plan view was not produced. Phase II surveying was carried out entirely within Grid B, on lines 6W, 7W, 8W, 9W, 10W, 11W, 14W, 15W, 17W, 19W, 20W, 20+50W, 21+50W, and 22W, complementing the Phase I Grid B coverage. Phase II readings were tied in to Phase I readings by taking readings at several stations on line 18+00W between 10+00S and 11+00S where the magnetic gradient is low, then correcting the new data set to the old and merging them together. Results of the combined Phase I and II surveys for Grid B are shown in contoured plan form on Fig. 28, and are interpreted by Simon Bate, of MPH Consulting Limited as follows:

The Grid B magnetic data presents a relatively complex response pattern. A number of very short wavelength, high amplitude responses have been recorded. These have the characteristics of magnetic sulphide minerals such as pyrrhotite or magnetite. Pyrrhotite has been mapped from both outcrop and float as the most abundant magnetic sulphide mineralization encountered on the property. The response pattern, however, indicates that this magnetic mineralization is highly variable along the strike extent of any given horizon.

Three main magnetic horizons which may reflect, in whole or in part, magnetic sulphides, have been identified. They are approximately located at 3+50S on lines 21+00W to 15+00W (conductor B4a), 7+00S to 8+00S on lines 21+00W to 18+00W (conductors B6a, B6b) and 10+00S to 11+00S on lines 10+00W to 6+00W (conductor B8).

A possible NNE trending structure is tentatively interpreted, centred near 9+00S on line 19+00W. This is supported, in part by the HLEM results which indicate possible right-lateral displacement of conductive horizons B4 and B6 about this structure.

5.3.2 Horizontal Loop Electromagnetic Survey

The HLEM coverage was conducted utilizing Apex MaxMin II-5, serial number 1061. Three transmitting frequencies were measured - 444 Hz, 1777 Hz, and 3555 Hz. A cable separation of 100 metres was used and readings were taken every 25 metres. Slope measurements were taken at every station and

entered into the MMC data logger and tilt angles and slope corrections were carried out to minimize errors resulting from the rough terrain. Slopes of up to 100 percent on the sides of Cedar Creek precluded the collection of reliable data in some areas. These readings were omitted from the data set.

Phase I surveying was carried out on lines 2W, 4W, 5W, 6W, 8W, 10W, 12W, 18W, 20W, 22W, 24W, 26W and 28W Grid A, lines 0, 2W, 12W, 16W, 18W, and 21W Grid B, and lines 0 and 2E Grid C. Results are shown in profile form on Figs. 6-27. Phase II surveying was carried out on lines 6W, 7W, 8W, 9W, 10W, 11W, 14W, 15W, and 17W Grid B, complementing the Phase I Grid B coverage. Results of the combined Phase I and II surveys for Grid B are shown in plan profile form on Fig. 29, and are interpreted by Simon Bate of MPH Consulting Limited, as follows:

A total of 10 conductors labelled B1 to B10, have been interpreted from the Grid B HLEM datasets. Two conductors, B4 and B6, have been further subdivided to reflect the possible right-lateral displacement about a tentatively inferred NNE structure.

The conductors are seen to vary in quality, apparent conductance and continuity, with strike extents varying from single-line responses to in excess of 650 m. No conductances or other parameters have been interpreted from the HLEM profiles as:

i) there is a high degree of mutual interference between the responses of individual conductors;

ii) several responses appear to reflect multiple closely-spaced conductors rather than individual broad conductive zones;

iii) most responses indicate conductors that are very shallow with respect to the coil separation of 100 m used. Any parameters calculated from these curves would be subject to gross errors and may be found misleading.

Instead, indications have been made of relative conductor quality or conductance. A solid box indicates a strong conductor, a hatched box a moderate conductor and an open box a poorly conductive feature and/or a questionable interpretation.

Conductor B1 is a single-line response at the northern end of line 12+00W. The conductor is open in both directions. The coincident magnetic high and good conductance indicated by the HLEM response suggest magnetic

sulphide mineralization is the primary causal source. No geological information is available and no further interpretation can be made.

Conductor B2, located at the baseline on line 12+00W, is open in both directions. Conductor B2 has correlating magnetic response but both apparent conductivity and magnetic mineral content are inferred to be less than for conductor B1. No geological information is available and no further interpretation can be made.

Conductor B3, a relatively weakly conductive feature extending from 1+50S on line 16+00W to 3+25S on line 11+00W, is open at both ends. The conductor has no correlating magnetic signature and there is no geological information. Non-magnetic sulphides and/or graphite argillite are interpreted as the causal sources.

Conductors B4a and B4b collectively extend from line 21+00W to 15+00W and exhibit good conductance on most lines. Centred about 3+50S, horizon 4 is open to the west. Coincident magnetic features, not necessarily forming a single continuous horizon, are noted on all lines. While no geological information is available, magnetic sulphides and graphite and/or graphitic argillite are interpreted as the causal sources of the measured responses.

Conductor B5 is a moderately conductive feature located at 5+75S on line 15+00W only. A coincident magnetic signature of similar strike extent is noted. A local increase in magnetic sulphide mineralization is interpreted as the primary causal source of these responses.

Conductor B6a extends from 6+75S on line 19+00W to 7+50S on line 21+00W where it is open to the west. The response on line 21+00W has a coincident highly magnetic signature indicating magnetic sulphides as the primary conductive source. CME personnel have mapped two massive sulphide zones with apparent ESE orientations near this location (Fig. 3). One zone with anomalously mineralized samples 3508, 3510 and 2501 is inferred to extend to the axial location of conductor B6a on line 21+00W. One hundred metres further south along line 21+00W, outcrop sample 3503 returned 0.480 g/t Au, 0.59% Cu and 7.12% Zn. Conductor B6a is therefore considered a priority target.

Conductor B6b is the eastward continuation of B6a from lines 18+00W to 15+00W. An apparent right-lateral displacement with respect to conductor B6a is inferred about a tentatively interpreted NNE structure. This displacement may, however, not exist and be purely an artifice due to referencing the interpretation to an idealized grid rather than a topographically adjusted grid.

Moderate to strong conductivity is inferred to be associated with conductor B6b. A coincident magnetic signature is noted only on line 18+00W, the remainder of the conductive horizon being situated within a magnetically quiescent region. Conductor B6b is interpreted to primarily reflect non-magnetic sulphides and/or graphite or graphitic alteration with a local increase in magnetic sulphides on line 18+00W.

A number of float and outcrop sample locations are semi-coincident with conductor B6b. Float samples 3514, 3515 and 3516 had associated disseminated chalcopyrite, returning copper values of up to 0.96% Cu. Outcrop sample 1514 contained disseminated pyrite and pyrrhotite whilst sample 2701 returned 167 ppm Cu.

> Conductor B6a was subsequently tested by diamond drillholes M90-1, 2, and M91-3 while B6b was tested by M91-5, 7, 8. The near-surface mineralization (Upper zone) intersected in holes 1, 2, 3, and 5 is believed to be the cause of the conductors.

Conductor B7 is a narrow, weakly conductive feature centred at 8+00S on lines 7+00W and 6+00W. The horizon is inferred to continue on Grid A, being located at 0+50N on line 28+00W. No correlating magnetic signature is noted. Conductor B7 is therefore interpreted to reflect a horizon weakly mineralized with non-magnetic sulphides and/or graphite or graphitic argillite.

Conductor B8 is one of the more highly conductive and continuous horizons interpreted on Grid B. Located about 10+00S on lines 12+00W to 6+00W, horizon B8 probably extend onto Grid A at 1+50S on line 28+00W. This is supported to some extent by the magnetic results which indicate correlating discrete magnetic signatures on lines 12+00W to 10+00W and 6+00W of Grid B and line 28+00W of Grid A. Disseminated pyrrhotite and pyrite in an argillite/phyllite unit with graphite has been mapped from outcrop near line 10+00W. This is interpreted to be the causal source of conductor B8. No further information is available.

> Subsequent diamond drilling (M91-6) intersected a broad fault zone which has been inferred to be the shallowly south-dipping Cedar Creek fault and the cause of conductor B8. If conductor B8 is actually caused by a fairly steeply dipping feature, hole M91-6 may not have intersected it.

Conductor B9 is centred about 13+50S on lines 19+00W to 14+00W where surveyed. The responses on all lines are only partially surveyed due to the end of the grid lines. However, the responses indicate good

conductances and very shallow depths to the causal sources. No correlating magnetic responses are noted. Mapping of an outcrop between lines 19+00W and 17+00W indicates that fine-grained quartz-chlorite-sericite schists are the causal source with possible associated non-magnetic sulphides and/or graphite. No other information is available.

Conductor B10 may be the eastward continuation of conductor B9 on lines 11+00W to 6+00W. However the proximity of the southern limit of Grid B has not allowed full survey coverage to be completed and this tentative interpretation to be confirmed or refuted. Somewhat similar conductances are indicated by the responses recorded and, as with conductor 9, no correlating magnetic responses are noted.

Similar fine-grained schists are mapped from outcrop immediately south of conductor B10 between lines 10+00W and 9+00W. However on lines 7+00W and east of 6+00W, an argillite/phyllite unit with graphite is mapped from outcrop semi-coincident with conductor B10. This would tend to suggest that the responses of conductors B9 and B10 have different primary causal sources. No other information is available.

Conductor B10 may extend on to Grid A at about 2+50S on lines 28+00W where a much broader (multiple conductor?) conductive zone of similar relative conductance is interpreted.

5.3.3 Induced Polarization Surveys

The induced polarization surveying was conducted using a Phoenix IPT 1 3 kW transmitter and a solid state BRGM IP-6 receiver. A time domain dipole-dipole survey using an array spacing of 25 metres was used with potential dipoles n=1 to 5.

Phase I surveying was carried out on lines 2W, 4W, 5W, 6W, 8W, 22W, 24W, 26W, and 28W Grid A, lines 0, 2W, 12W, 16W, 18, and 21W Grid B, and lines 0 and 2E Grid C. Results are shown in pseudosection form on Figs. 6-27. Phase II did not include any IP surveying.

5.3.4 Gravity Survey

The gravity survey was carried out with a Lacoste and Romberg Model G gravity meter. Readings were taken at 25 metre intervals along line 21W, Grid B. Results are shown in profile form on Fig. 5.

5.4 Diamond Drilling

Diamond drilling was undertaken to test the Nicanex road zone within Grid B and the Road showing within Grid A. A total of 1795 m of NQ drilling was completed in 9 holes as summarized in Table 2 below. Eight drillholes totalling 1643.5 m in length were completed in the Nicanex road zone and one drillhole totalling 151.5 m was completed in the area of the Road showing. Selected intervals of the drill core were split by rocksaw and samples sent to Rossbacher Labs in Vancouver to be analyzed for Au by Atomic Absorption and for 31 elements by ICP. A total of 581 samples was collected from drill core. Assays were performed on composite sections outlined by favourable geochemical results. Certificates of analysis and assay are included in Appendix 3c. Drillhole locations are shown on Fig. 3 and cross sections are presented on Figs. 30 to 35. Drill logs have been summarized below; detailed drill logs are included in Appendix 4.

Note: Geological unit numbers used in the drilling program are different to those used in surface mapping (section 5.1 above). The units used in drilling are based on rock type, as opposed to surface units which are based on stratigraphic packages of rock types. Drill core is stored at Leo Turcotte property on Sunshine Valley Rd., Clearwater, B.C.

Table 2: Drillhole Data

Drillhole	Grid	Grid Coordinates	Elevation (m)	Length (m)	Dip°	Azimuth°
M90-1	B	21+12W, 8+70S	870	195.68	-45	020
M90-2	B	21+12W, 8+70S	870	190.80	-65	020
M91-3	B	20+45W, 7+97S	888	367.59	-45	020
M91-4	B	20+95W, 6+95S	900	126.19	-65	020
M91-5	B	18+00W, 8+35S	880	157.58	-80	020
M91-6	B	11+95W, 12+90S	970	407.52	-70	340
M91-7	B	16+00W, 8+30S	900	127.10	-80	340
M91-8	B	16+00W, 8+30S	900	71.02	-45	340
M91-9	A	5+00W, 3+75S	1192	151.49	-65	355
				1794.97		

5.4.1 Drillhole Geology and Mineralization

Geology

Drilling intersected rocks of stratigraphic units 1 to 4. Units 1 to 3 total at least 350 m in thickness; unit 4 is at least 200 m thick. Drill core was logged by rock type, rather than by the stratigraphic units. Thus felsic volcanics, for example, are shown as unit 3 in drill cross sections no matter whether they belong to stratigraphic unit 1, 2, 3, or 4.

Sediments (drill unit 1) include argillite (1e), siltstone (1d), limestone (1a), and chert (1f), in order of abundance. They are well laminated and exhibit graded bedding. Rare quartzite (1b) and wacke (1c) also occur. Facies changes within the sedimentary horizons are common between drillholes. The sediments show a general thickening to the west.

Mafic volcanics (drill unit 2) intersected in drilling are all tuffaceous and are represented by generally thin, well laminated horizons of chlorite-carbonate schist (2a).

Felsic volcanics (drill unit 3) include tuffs (quartz-sericite schist - 3a) and flows (well foliated, possibly flow-banded, quartz $\pm$ feldspar porphyritic rhyolite to dacite - 3b). Flows commonly have a strongly sericitic matrix.

Structures present in drill core include bedding-parallel foliation, small scale isoclinal folding, parasitic drag folds, boudinage, pressure shadows, and tension gashes. Faults were intersected in several of the holes. Movements on the faults appear to be minimal.

Mineralization

Two significant mineralized zones hosted by silicified and/or strongly sericitic felsic volcanics were intersected by drilling. Additional mineralized zones were intersected in all of the stratigraphic units intersected by drilling.

The Main zone is approximately 27 m thick and has returned assays of up to 0.24% copper over 6.76 m (M91-3). Mineralization consists of disseminated to massive pyrrhotite and disseminated chalcopyrite and pyrite hosted by felsic and lesser mafic metavolcanics of stratigraphic unit 2. Near the centre of the mineralized zone, a "core" zone of intense chlorite-biotite alteration is found. Biotite is uncommon except near the mineralized zones and may be indicative of hydrothermal system activity within the mineralized horizons. Copper content is highest above the alteration core. The Main zone was intersected in drillholes M90-1, 2, M91-3, 4, 5, 7, and 8.

The Upper zone is approximately 42 m thick and has returned assays of up to 0.20% copper over 23.64 m (M90-1). It is located about 50 m above the Main zone, within felsic tuffs of stratigraphic unit 3. Mineralization comprises broad stratiform zones of disseminated to semi-massive (1 to 50%) pyrrhotite and disseminated chalcopyrite with lesser amounts of sphalerite, galena, and pyrite. A distinctive geochemical feature of the Upper zone is

its elevated molybdenum content, with values of up to 143 ppm. The Upper zone was intersected in drillholes M90-1, 2, M91-3, 4(?), and 5.

Narrow stratiform zones of disseminated pyrrhotite with lesser amounts of pyrite hosted mainly by sericitic felsic tuffs occur in stratigraphic units 1, 3, and 4. Sulphide content ranges from 1 to 15% over widths of 1-5 m. No significant copper values were returned from these zones. Near the top of M91-9, a zone of 3-5% disseminated pyrite $\pm$ pyrrhotite with minor sphalerite veinlets hosted by silicified felsic tuff of stratigraphic unit 4, which corresponds to the Road showing, returned assays of 0.22% Zn, 0.07% Pb, 1.71g/t Ag over 6.00 m.

The sulphide-mineralized zones are stratiform and syngenetic. Elevated gold values (10-110 ppb Au) appear to be closely related to the copper mineralized intervals. Late stage quartz veins cutting mineralized horizons and containing remobilized sulphides are common. The highest gold values (90-330 ppb) were obtained from quartz veins cutting mineralized felsic volcanics. Sulphides are also locally remobilized by deformation. Minor small scale drag folding is locally present within the mineralized zones.

The mineralized boulders found on surface in the Nicanex road zone, apart from the zinc-rich massive sulphide boulders, are most likely derived from the Upper zone. Many of these surface samples contain elevated molybdenum. The zinc-rich material is probably derived from a horizon containing the Nicanex road showing, at a higher stratigraphic level of stratigraphic unit 3 than was tested by drilling, and which has been almost entirely eroded from the south facing dip slope of Cedar Creek.

5.4.2 Diamond Drillhole Summaries

Summary DDH :	**M90-1** (Figs. 30, 30a)		
Grid :	B	Dip :	-45°; -51° (195.68 m)
Coordinates :	21+12W, 8+70S	Stopped :	19/12/90
Length :	195.68 m	Elevation:	870 m
Started :	15/12/90	Azimuth :	020°
Logged by :	G. Evans	Casing :	5.49 m

Objective:

To test the massive sulphide outcrop (Nicanex Road Showing) and associated copper in-soil and geophysical (IP, MaxMin-EM, Magnetics) anomalies at depth. To obtain a stratigraphic section through the felsic volcanic package which is believed to be a favourable host for mineralized horizons.

Geology:

The hole intersected a shallow southerly dipping homoclinal sequence of interbedded distal volcanics and sediments (stratigraphic units 1, 2, and 3). Individual layers range from a few centimetres to several tens of metres in thickness. The volcanics are bimodal in composition varying from chlorite-carbonate schists and mafic (andesite) tuffs (Unit 2) to quartz-sericite schists, felsic (rhyolite) tuff and minor quartz phyric rhyolite flows (Unit 3). These volcanics are distal in their origin and are interbedded with sediments consisting of well laminated argillites, siltstones and deep marine limestones (Unit 1). Tops evidence suggests the sequence is not overturned. The units are moderately foliated and regional metamorphism is of a mid-greenschist grade. On a small scale, isoclinal folding is evident but no evidence of larger isoclinal folding has been seen. No intrusive rocks were encountered. Faulting is rare with some minor displacement parallel to foliation evident. Stratigraphic unit 3 was intersected from 5.49 to 112.25 m, stratigraphic unit 2 from 112.25 to 158.10 m, and stratigraphic unit 1 from 158.10 to the end of the hole.

Mineralization:

Sulphides appear in discrete stratabound horizons associated with silicified felsic tuffs and quartz phyric felsic flows. The sulphides consist of pyrrhotite, pyrite, and chalcopyrite with rare galena and sphalerite. Pyrrhotite is the dominant sulphide, generally appearing as very fine-grained laminated veinlets and in some more massive zones (to 60%) as veins and matrix supported zones with disseminated chalcopyrite. Late stage isoclinally folded quartz veins have remobilized some sulphides but in general have no relationship to sulphide rich horizons. Two main sulphide bearing horizons were intersected.

The Upper zone is hosted by felsic volcanics and was intersected over a 50.39 m interval from 26.96 m to 74.03 m. It contains disseminated pyrrhotite, pyrite and chalcopyrite with rare occurrences of semimassive to massive pyrrhotite. The Main zone is also hosted by felsic volcanics and occurs approximately 112 m below surface. A 25.8 m section of disseminated to massive sulphides was intersected from 132.30 m to 158.10 m. The inner core of the Main zone consists of chlorite-biotite-pyrite with outer zones of silica sericite-pyrrhotite with chalcopyrite.

Significant Intersections:

	From (m)	To (m)	Length (m)	Cu % (ppm)	
	44.03	67.67	23.64	0.20	Upper zone
incl	50.49	55.75	5.26	0.32	
	136.18	139.75	3.57	0.23	Main zone

Summary DDH: **M90-2**(Figs. 30, 30a)

Grid	: B	Dip	: -65°; -71° (190.81 m)
Coordinates	: 21+12W, 8+70S	Stopped	: 22/12/90
Length	: 190.81 m	Elevation	: 870 m
Started	: 19/12/90	Azimuth	: 020°
Logged by	: G. Evans	Casing	: 6.1 m

Objective:

To test the downdip extensions of the mineralized horizons and stratigraphic units found in DDH M90-1.

Geology:

This hole intersected the same sequence of volcanics and sediments as M90-1. The apparent dip is approximately 20° to the south, so drilled widths in M90-2 are approximately true widths. The fine scale interbeds and laminar nature of the units again support a distal environment for the deposition of the stratigraphy. Again the evidence suggests the sequence is upright. Very little faulting is present. Stratigraphic unit 3 was intersected from 6.10 to 101.64 m, stratigraphic unit 2 from 101.64 to 143.49 m, and stratigraphic unit 1 from 143.49 m to the end of the hole.

Mineralization:

The two mineralized horizons were again encountered in the same silicified felsic horizons and while minor crosscutting features can be seen on a small scale, the sulphides appear stratabound and their origin predates deformation.

The Upper zone was intersected over a length of 42.42 m from 23.20 m to 65.62 m. Sulphides are hosted in felsic volcanics, similar to the Upper zone in M90-1.

The Main zone was intersected over a length of 27.05 m from 116.44 m to 143.49 m. Again, there is an altered core zone consisting of chlorite-biotite-pyrite. Biotite is only present near mineralization and may indicate alteration associated with a primary hydrothermal event. Sulphides are more abundant than in the Main zone of M90-1. Again, pyrrhotite-rich zones contain the disseminated chalcopyrite.

Significant Intersections:

	From (m)	To (m)	Length (m)	Cu % (ppm)	
	48.29	59.57	11.28	0.34	Upper zone
incl	53.00	59.57	6.57	0.46	
	122.10	126.40	4.30	0.20	Main zone
and	131.53	135.31	3.78	(834)	

Summary DDH: **M91-3** (Figs. 30, 30a)

Grid	: B	Dip	: -45°, -55° (227.38 m)
Coordinates	: 20+45W, 7+97S		-57.5° (365.45 m)
Length	: 367.59 m	Stopped	: 13/01/91
Started	: 07/01/91	Elevation	: 888 m
Logged by	: G. Evans	Azimuth	: 020°
		Casing	: 6.10 m

Objective:

To test the dip extensions of the mineralized horizons and stratigraphic units found in DDH's M90-1 and 2.

Geology:

This hole completed a section through the stratigraphy and mineralization encountered in the first two holes. Again, the sequence was very uniform with only slight changes in lithology due to lateral facies changes. The hole was continued to test the sequence below the previous sections and the stratigraphy continues with no evidence of fault or fold repetition. The sequence is dominated by felsic tuffs with lesser mafic tuffs and sediments and has a minimum true thickness of 350 m. Stratigraphic unit 3 was intersected from 6.82 to 74.32 m, stratigraphic unit 2 from 74.32 to 131.39 m, and stratigraphic unit 1 from 131.39 m to the end of the hole.

Mineralization:

Seven mineralized horizons were encountered. These zones consist of silicified felsic tuffs with pyrrhotite $\pm$ chalcopyrite. The Upper zone was intersected from 11.07 to 50.00 m. The Main zone was intersected over a length of 25.5 m from 101.46 to 127.00 m indicating a minimum dip length of 150 metres. This horizon again has a chlorite-biotite-pyrite altered core zone. From 1% to 55% pyrrhotite with lesser chalcopyrite occurs in the surrounding silicified and sericitized zones. The other five mineralized horizons are thin and returned no significant copper values.

Significant Intersections:

	From (m)	To (m)	Length (m)	Cu % (ppm)	
	6.80	21.67	14.87	0.19	Upper zone
and	31.01	35.10	4.09	0.17	
	105.30	112.06	6.76	0.24	Main zone

Summary DDH: **M91-4** (Fig. 31)

Grid	: B	Dip	: -65°, -71° (126.19 m)
Coordinates	: 20+95W, 6+95S	Stopped	: 14/01/91
Length	: 126.19 m	Elevation	: 900 m
Started	: 13/01/91	Azimuth	: 020°
Logged by	: G. Evans	Casing	: 6.43 m

Objective:

To test the magnetic high anomaly at L21+00W, 7+00S. To test the strike length of the mineralized horizons found in DDH M90-1,2 and M91-3.

Geology:

Stratigraphic unit 3 was intersected from 6.43 to 74.42 m and stratigraphic unit 2 from 74.42 m to the end of the hole. This hole, located 95 m NW of the section of holes 1-3 shows that the stratigraphy persists along strike as well as downdip, and that the strike is essentially east-west.

Mineralization:

The two main mineralized horizons tested in the first three holes were again intersected. The Upper zone was intersected from bedrock surface (6.43 m) to 14.90 m. It is weakly mineralized, returning 511 ppm Cu over 8.47 m. The elevated Mo levels which are typical of the Upper zone do not occur in M91-4. The Main zone was intersected at the bottom of hole over a width of 24.9 metres from 96.47 to 121.40 m, with alteration and mineralization similar to the first holes. Again, chalcopyrite is associated with pyrrhotite in silicified and sericite altered zones. Sulphide content ranges from 1% to 35% by volume and semimassive mineralized zones appear more discrete than previously seen. The core alteration zone of chlorite-biotite-pyrite appears in the upper portion of the Main zone. The distance between the Main and Upper zones, at 81 m, is markedly greater than in holes 1-3 (48-52 m).

Significant Intersections:

	From (m)	To (m)	Length (m)	Cu % (ppm)	Other (ppb)	
	98.28	100.95	1.99	(1384)		Main Zone
and	119.65	120.40	0.75	(2310)	330 Au	

Summary DDH: **M91-5** (Fig. 32)

Grid	: B	Dip	: -80°, -74° (157.58 m)
Coordinates	: 18+00W, 8+25S	Stopped	: 16/01/91
Length	: 157.58 m	Elevation	: 880 m
Started	: 14/01/91	Azimuth	: 020°
Logged by	: G. Evans	Casing	: 5.5 m

Objective:

To test the coincident geochemical and geophysical anomalies at L18+00W, 7+00S to 8+50S. To test the strike length of the mineralized horizons found in the first 4 holes.

Geology:

Stratigraphic unit 3 was intersected from 7.10 to 49.35 m, stratigraphic unit 2 from 49.35 to 101.14 m, and stratigraphic unit 1 from 101.14 m to the end of the hole. This hole, located 220 m SE of the section of holes 1-3, indicates that the stratigraphy and mineralization persists over a minimum strike length of 300 metres. While the stratigraphy occurs in the same sequence, the thickness of individual layers above the "Main zone" has diminished somewhat.

Mineralization:

The Upper zone was interpreted from 11.94 to 30.15 m. It is split into two subzones by a layer of weakly mineralized mafic tuff from 16.32 to 20.94 m. The upper portion of the zone contains elevated Au values while the lower portion contains the elevated Mo values typical of the Upper zone. Mineralization comprising disseminated to semi-massive pyrrhotite, pyrite $\pm$ chalcopyrite is hosted by silicified, sericitized felsic volcanics.

The Main zone was intersected from 69.80 to 100.14 m. As in the first 4 holes, Cu values are highest above the chlorite-biotite alteration core. Sulphide content ranges from 1 to 30%. The distance between the Main and Upper zones is 41 m, indicating that the zones become closer together in an easterly direction.

Significant Intersections:

	From (m)	To (m)	Length (m)	Cu % (ppm)	Other	
	11.94	16.32	4.38	0.13	51 ppb Au	Upper Zone
and	24.18	30.15	5.97	0.42	36 ppm Mo	
	69.80	79.22	9.42	0.13		Main Zone

Summary DDH: **M91-6** (Fig. 33)

Grid	: B	Dip	: -70°, -76° (392.28 m)
Coordinates	: 11+95W, 12+90S	Stopped	: 24/01/91
Length	: 407.52 m	Elevation	: 970 m
Started	: 17/01/91	Azimuth	: 340°
Logged by	: G. Evans	Casing	: 16.0 m

Objective:

To test the IP, geochemical and geophysical anomalies at the southern end of L12+00W. To test the possible downdip and strike extensions to the mineralized horizons found in the first 5 holes.

Geology:

This hole was drilled across the Cedar Creek fault from holes 1-5 and appears to have tested a higher section of the stratigraphy. The first 258 m of the hole intersected a thick monotonous sequence of felsic tuff with interbedded argillites (stratigraphic unit 4). A broad fault zone from 68.78 to 84.65 m is interpreted to be the Cedar Creek fault. From 257.94 m to the end of the hole a sequence of bimodal volcanics with interbedded sediments, probably correlative with stratigraphic unit 3 was intersected. From 369.50 to 372.85 m an intensely biotite-altered felsic tuff horizon with disseminated sulphides, which is visually very similar to the Main zone, was intersected. It may, therefore, represent stratigraphic unit 2, which would mean that the rocks below it belonged to stratigraphic unit 1. At the bottom of the hole an intense fault zone with an apparent steep southerly dip was intersected from 401.30 to 407.52 m.

Mineralization:

Only minor disseminated pyrite and pyrrhotite were encountered in the hole. A narrow zone of biotite-altered felsic tuff containing disseminated pyrite and pyrrhotite from 369.50 to 372.85 m may be correlative with the Main zone of holes 1 to 5. Biotite alteration is much more intense than in previous holes, suggesting that M91-6 may be located closer to the location of a hydrothermal vent.

Significant Intersections:

From (m)	To (m)	Length (m)	Pb (ppm)	Zn (ppm)
320.30	320.41	0.11	(7379)	(12521)

Summary DDH: **M91-7** (Fig. 34)

Grid	: B	Dip	: -80°, -81° (127.10 m)
Coordinates	: 16+00W, 8+30S	Stopped	: 26/01/91
Length	: 127.10 m	Elevation	: 900 m
Started	: 24/01/91	Azimuth	: 340°
Logged by	: G. Evans	Casing	: 6.10 m

Objective:

To test the geochemical and geophysical anomalies located at L16+00W, 8+25S at depth and the easterly strike of the Nicanex zone.

Geology:

Stratigraphic unit 3 was intersected from 6.45 to 22.87 m, stratigraphic unit 2 from 22.87 to 54.09 m, and stratigraphic unit 1 from 54.09 m to the end of the hole. The sediments at the top of stratigraphic unit 2 are mainly limestones rather than argillite. Minor faulting was encountered. The apparent dip of the rocks is 25° to the south.

Mineralization:

The Main zone was intersected from 27.68 to 54.09 m. The mineralization is zoned, with semi-massive to disseminated pyrrhotite around a pyritic chlorite-biotite core alteration zone. Only minor chalcopyrite is contained in the zone, as reflected by the copper values. The chlorite-biotite alteration core occurs towards the top of the Main zone, in the middle of the area with the best copper values, rather than below it, as in all the other holes.

The Upper zone was not intersected in this hole; most likely it has been weathered away. There is only 28 m from the top of the Main zone to the bedrock surface and the minimum distance between the Main and Upper zones in holes 1-5 is 41 m. The abundant mineralized float found in the area likely represents the remnants of the Upper zone.

Significant Intersections:

	From (m)	To (m)	Length (m)	Cu % (ppm)	Other ppm	
	27.68	39.83	12.15	(598)	1126 Zn	Main Zone
and	52.90	54.70	1.80		6918 Zn	

Summary DDH: **M91-8** (Fig. 34)

Grid	: B	Dip	: -45°
Coordinates	: 16+00W, 8+30S	Stopped	: 27/01/91
Length	: 71.01 m	Elevation	: 900 m
Started	: 26/01/91	Azimuth	: 340°
Logged by	: G. Evans	Casing	: 6.10 m

Objective:

To test the updip extension of the mineralized horizon found in M91-8. To test the continuity of the sulphide mineralization.

Geology:

The sequence of rocks intersected is identical to that of M91-7, however, they appear to be flat-lying. Stratigraphic unit 3 was intersected from 6.70 to 18.80 m, stratigraphic unit 2 from 18.80 to 60.34, and stratigraphic unit 1 from 60.34 m to the end of the hole. Stratigraphic unit 2 is significantly thicker than in the adjacent M91-7.

Mineralization:

As in M91-7, only the Main zone was intersected. It occurs from 25.92 to 60.34 m. Overall sulphide content as well as copper content is much higher than in M91-7. The best copper values occur above the chlorite-biotite alteration core.

Significant Intersections:

	From (m)	To (m)	Length (m)	Cu % (ppm)	
	27.00	39.30	12.30	0.15	Main Zone
incl	30.95	35.26	4.31	0.35	

ROAD SHOWING

Summary DDH : **M91-9** (Fig. 35)

Grid	: A	Dip	: -65°, -69° (151.49 m)
Coordinates	: 5+00W, 3+75S	Stopped	: 30/01/91
Length	: 151.49 m	Elevation	: 1192 m
Started	: 28/01/91	Azimuth	: 355
Logged by	: G. Evans	Casing	: 6.10 m

Objective:

To test the Road showing and associated geophysical anomalies at depth.

Geology:

This drillhole is located approximately 3500 m to the east of holes 1-8, therefore correlation of stratigraphic units is tentative. The rock types intersected are similar to those in holes 1-8. From 6.63 to 60.75 m felsic tuffs of stratigraphic unit 4 were intersected. From 60.75 to 79.62 m mafic to felsic tuffs and argillite of stratigraphic unit 3 were intersected. From 79.62 to 86.26 m an intense, steeply dipping fault zone occurs. From 86.26 m to the end of the hole, mixed felsic volcanics and sediments of stratigraphic units 4 and/or 3 were intersected. Above the fault the rocks are approximately flat-lying and are extensively weakly broken and faulted. Below the fault the rocks have an apparent gentle northerly dip.

Mineralization:

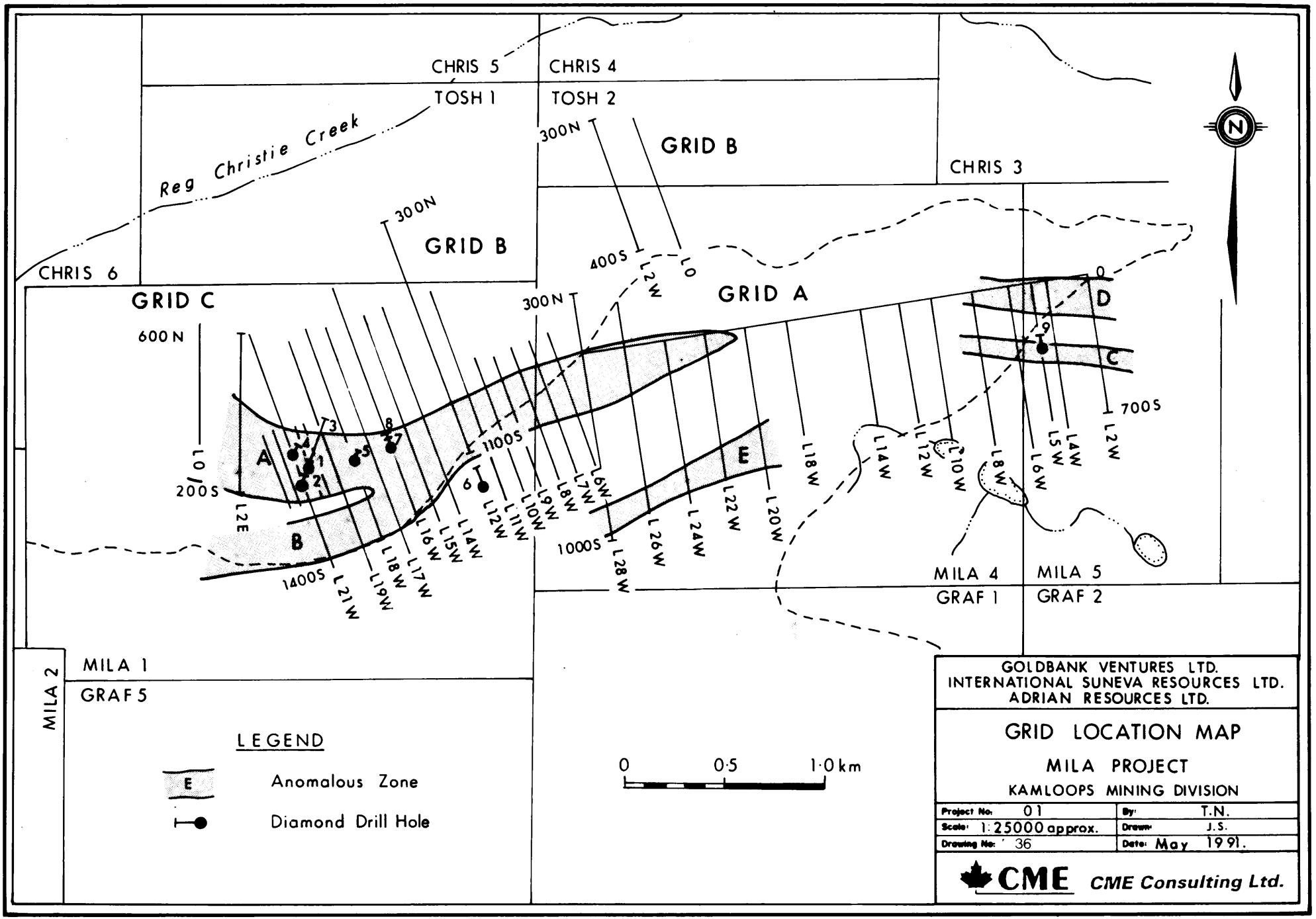
Mineralized zones intersected in M91-9 consist of disseminated pyrite and pyrrhotite with local minor sphalerite and galena; no semi-massive or massive sulphide zones were encountered. Chalcopyrite was not observed. A zone of disseminated mineralization from 6.63 to 29.10 m returned the best results of the hole over a length of 6.0 m. Biotite alteration is relatively strong in the lower portion of the hole, suggesting that primary hydrothermal systems may have been active in this area.

Significant Intersections:

From (m)	To (m)	Length (m)	Zn %	Pb %	Ag (g/t)	Au (ppb)
15.60	21.60	6.00	0.22	0.07	1.71	
144.50	145.39	0.89				220

6.0 EXPLORATION TARGETS

Five exploration target areas, anomalous zones A to E, were outlined by Phase I results (Fig. 36). The zones are characterized by coincident anomalous geology, geochemistry, and geophysics, as described below. Phase II geophysics and diamond drilling was concentrated in the area of zones A and B, the highest priority targets. Seven of the nine drillholes tested zone A, one may have tested part of zone B, and one tested zone C. No work was done on zones D and E.



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GRID LOCATION MAP

MILA PROJECT

KAMLOOPS MINING DIVISION

Project No: 01	By: T.N.
Scale: 1:25000 approx.	Drawn: J.S.
Drawing No: 36	Date: May 1991.

CME Consulting Ltd.

Zone A

Dimensions:

location - L2E, 0+00 grid C to L22W, 0+75S grid A
length 3600 m width 300 m

Characteristics:

- contains the Nicanex road showing
- contains chargeability (up to 6 times background), mag (up to 8600 gammas above background), geochem (up to 620 ppm Cu, 885 ppm Zn in soil), and MaxMin-EM anomalies.
- disseminated to massive sulphide mineralization hosted in quartz-chlorite-sericite schists. Grab samples returned up to 9.28% Zn, 0.59% Cu, and 0.480 g/t Au.

Drilling:

- tested by DDH M90-1, 2, M91-3, 4, 5, 7, 8
- 2 stratiform mineralized horizons up to 42 m thick were intersected in drilling, assaying up to 0.24% Cu over 6.76 m (Main zone) and 0.20% Cu over 23.64 m (Upper zone). No Zn-rich mineralization similar to that of the surface Nicanex road zone was intersected however.

Zone B

Dimensions:

location - L16W, 11+00S Grid B to km 3 marker on main road
length 3000 m, open to the west; width 250 m

Characteristics:

- contains the AFR zone
- contains chargeability (up to 6 times background), mag (up to 600 gammas above background) and soil geochem (up to 149 ppm Cu, 628 ppm Zn) anomalies
- disseminated mineralization in quartz-chlorite-sericite schists returning up to 841 ppm Cu, 407 ppm Zn and 909 ppm Pb. Percussion drilling within this zone by Barrier Reef in 1979 returned 944 ppm Cu over 19.8 metres
- the mineralized zones that have been located within anomalous zone A appear to continue downdip into zone B.

Drilling:

- DDH M91-6 was drilled in the vicinity of anomalous zone B, but likely did not test the zone.

Zone C

Dimensions:

location - L2W, 4+25S to L8W, 3+25S of Grid A
length 700 m width 100 m

Characteristics:

- contains the ROAD showing
- contains chargeability (up to 7 times background), mag (up to 600 gammas above background, soil geochem (up to 416 ppm Cu, 304 ppm Zn) and MaxMin-EM anomalies
- disseminated mineralization in quartz-sericite schists and silvery phyllites returning up to 0.28% Cu, 0.19% Pb, 0.18% Zn, and 154 ppb Au

Drilling:

- tested by DDH M91-9; best assay 0.22% Zn, 0.07% Pb, 1.71 g/t Ag over 6.00 m

Zone D

Dimensions:

location - L2W, 1+25S to L8W, 0+00 of Grid A
length 700 m width 150 m

Characteristics:

- contains chargeability (up to 10 times background), mag (up to 600 gammas above background) and soil geochem (up to 446 ppm Cu) anomalies
- disseminated mineralization in quartz-sericite schists

Drilling:

- not directly tested by drilling, although the lower portions of DDH M91-9 may have intersected the downdip extension of Zone D

Zone E

Dimensions:

location - L20W, 6+00S to L28W, 9+00S of Grid A
length 900 m width 100 m

Characteristics:

- contains chargeability (up to 2 times background) and soil geochem (up to 209 ppm Cu, 415 ppm Zn) anomalies
- disseminated mineralization in quartz-chlorite-sericite schists returning up to 113 ppm Cu and 877 ppm Zn

Drilling:

- not tested

Following completion of Phase II drilling, the target areas remain essentially unchanged, except that their order of priority is now B (and its westerly extension), A, C, D, and E. A compilation of the Phase I and Phase II results is presented as Fig. 37.

A list of drillholes to test the currently identified targets, listed in approximate order of priority follows:

Location	Azim.	Dip	Length (m)	
Grid B				
26+20W, 12+75S	360°	-60°	350	test anomalous zone B for Nicanex, Upper, Main zones
23+20W, 12+00S	360	-60	300	
21+00W, 12+75S	360	-60	300	
12+00W, 10+50S	340	-60	250	
23+90W, 8+60S	360	-65	150	test W extension Main, Upper zones
23+40W, 7+15S	360	-65	150	
22+00W, 8+35S	360	-65	200	
21+00W, 6+00S	360	-65	150	
19+00W, 6+40S	360	-65	150	test continuity between M90-1, 2, M91-3 and M91-5
18+85W, 9+40S	360	-65	200	
17+00W, 7+25S	360	-65	150	test continuity between M91-5 and M91-7, 8
12+00W, 7+90S	340	-70	150	test E extension Main (and Upper?) zone
Grid A				
5+00W, 1+50S	355°	-70°	300	test anomalous zone D
5+00W, 4+15S	355	-70	350	test Road showing, anomalous zone C
4+00W, 4+00S	355	-70	300	
			3450 m	

7.0 PROPOSED WORK PROGRAM

Phase IIIa geological, geophysical, geochemical surveying and Phase IIIb diamond drilling are proposed to follow up on the encouraging results from the 1991 Phase II work program. The Phase IIIa program is intended to outline the westward strike of the sulphide horizons found within grid B. A total of 20 line-km of grid will be established from L22W to L42W in grid B at 100 m intervals. Horizontal loop-EM, magnetometer and soil sampling surveys will be carried out along this grid. Soil sampling will also be carried out on all previous grid lines which have not yet been sampled. Trenching will be used to test geophysical and geochemical anomalies.

Phase IIIb will consist of diamond drilling. Initial drilling planned for the zone B area totals 1200 m. A total of 1000 m is planned for further

testing of the sulphide zones outlined in grid B. Drillholes will be collared at no more than 200 m intervals. An allowance of 800 m for testing of zones D and C, additional drilling of zone B if warranted by results of initial drilling, or drilling of targets generated by Phase IIIa brings the total budgeted drilling to 3000 m.

The estimated costs of the proposed work program are summarized below:

Phase IIIa		
Mob/Demob	$ 5,000	
Grid Prep (20 km linecutting)	16,000	
Soil Sampling (33 km)	25,250	
Geophysical surveys (20 km MaxMin EM, Mag)	24,000	
Geology	7,250	
Trenching	15,000	
Consulting	8,500	
Report	17,000	
Contingency	17,000	
Total		$135,000
Phase IIIb		
Mob/Demob	$ 5,000	
Drilling (3,000 m)	270,000	
Core logging, assays, etc.	90,000	
Consulting	10,000	
Report	20,000	
Contingency	60,000	
Total		$455,000
		$590,000

8.0 CONCLUSIONS

1) The Mila property is underlain by Devonian(?) metavolcanics and metasediments of the Eagle Bay Formation. The rocks are of mid to upper greenschist facies with easterly trending, gently to moderately south-dipping foliation parallel to bedding.

2) The most significant mineralization discovered to date occurs on the north slope of Cedar Creek valley on Grid B. There, the shallowly dipping Eagle Bay rocks contain three stratiform zones of disseminated to massive sulphide mineralization hosted mainly by felsic metavolcanics. The uppermost has been almost entirely eroded away and is represented only by the Nicanex showing and several boulders. Outcrop grab samples assay up to 9.28% Zn, 0.59% Cu, 0.480 g/t Au. The Upper

zone has been partially eroded away. It is represented by the extensive mineralized float of the Nicanex road zone and intersections in drillholes M90-1, 2, M91-3, 4(?), and 5. It is up to 42 m thick and returned assays of up to 0.20% Cu over 23.64 m (M90-1). It contains elevated Mo values. The Main zone occurs about 50 m below the Upper zone and is about 27 m thick. It does not outcrop and was intersected in drillholes M90-1, 2, M91-3, 4, 5, 7, and 8. It assays up to 0.24% Cu over 6.76 m (M91-3). All three horizons are believed to dip at 20° to the south into the southern slope of Cedar Creek valley.

3) The Road showing is located 3.5 km to the east on Grid A. It consists of disseminated pyrite $\pm$ chalcopyrite $\pm$ galena hosted by felsic volcanics and sediments. Drill testing yielded assays up to 0.22% Zn, 0.07% Pb, 1.71 g/t Ag over 6.00 m.

4) Horizontal loop EM surveys outlined conductors over the Main and Upper zones. The magnetometer surveys located magnetic anomalies coincident with the HLEM conductors corresponding to the Main and Upper zones. Soil geochemistry outlined a Cu anomaly over the Upper zone.

5) The effectiveness of the geophysical surveys in the area north of Cedar Creek may have been adversely affected by the fact that the mineralized horizons dip at an angle nearly parallel to the surface of the ground.

6) The primary target for future exploration is the south side of Cedar Creek valley.

7) Further exploration of the Mila property is warranted by the results of work to date.

9.0 RECOMMENDATIONS

1) It is recommended that the results of the 1989 airborne geophysical survey be transferred to a topographic base map so that correlations with surface exploration may be facilitated.

2) It is recommended that Grid B be extended to the west and that HLEM, magnetometer, and soil geochemistry surveys be carried out over the extensions to locate diamond drill targets along the expected westward trend of the Nicanex mineralized zones.

3) It is recommended that the area south of Cedar Creek be tested by diamond drilling to determine whether the downdip extensions of the Nicanex mineralized horizons exist.

4) It is recommended that additional diamond drilling be carried out in the area of the Nicanex mineralized zones to test their continuity and strike extent.

5) Contingent upon favourable results from Phase IIIa grid work, it is recommended that the highest priority targets identified by the grid work be tested by diamond drilling.

Respectfully submitted

Christopher O. Naas, BSc.

Tim Neale, BSc., FGAC

CERTIFICATE

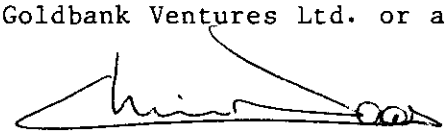
I, Christopher O. Naas, do hereby certify:

1. That I am a graduate in geology of Dalhousie University (BSc. 1984).

2. That I have practised as a geologist in mineral exploration for 5 years.

3. That the opinions, conclusions, and recommendations contained herein are based on a review of previous records, and fieldwork carried out under my supervision during the period of August 30, 1990 to February 5, 1991.

4. That I own no direct, indirect, or contingent interest in the subject property or shares or securities of Goldbank Ventures Ltd. or associated companies.



Christopher O. Naas, BSc.

Vancouver, B.C.
May 23, 1991

CERTIFICATE

I, T. Neale, do hereby certify:

1. That I am a graduate in geology of The University of British Columbia (BSc. 1978).

2. That I have practised as a geologist in mineral exploration for 11 years.

3. That 1 am a Fellow of the Geological Association of Canada, membership number F5594.

4. That the opinions, conclusions, and recommendations contained herein are based on a review of previous records, and fieldwork carried out during the period of August 30, 1990 to February 5, 1991 by personnel supervised by me.

5. That I own no direct, indirect, or contingent interest in the subject property or shares or securities of Goldbank Ventures Ltd. or associated companies.

T. Neale, BSc., FGAC

Vancouver, B.C.
May 23, 1991

Drill core loggers' qualifications are:

G. Evans B Sc. 1982 (Geology) at University of British Columbia

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APPENDIX I

List of Personnel and Statement of Expenditures

LIST OF PERSONNEL AND STATEMENT OF EXPENDITURES

The following expenses have been incurred on the Mila property, as defined in this report, for the purpose of mineral exploration during the periods of August 30 to October 11, 1990 (Phase I) and December 14, 1990 to February 5, 1991 (Phase II).

Phase I

Personnel:

C. Naas	Project Manager	39	days @ $400	$15,600.00	
D. Morrison	Geophysicist	37.5	days @ $385	$14,437.50	
L. Crittenden	Field Tech.	42.5	days @ $175	$ 7,437.50	
R. MacFee	Geophys. Tech.	37.5	days @ $175	$ 6,562.50	
R. Loyd	Field Tech.	35	days @ $175	$ 6,125.00	
J. Webster	Field Tech.	27.5	days @ $175	$ 4,812.50	
G. Hawkins	Consultant	4	days @ $600	$ 2,400.00	
H. Hoiles	Consultant	4	days @ $600	$ 2,400.00	
T. Robinson	Field Tech.	12.5	days @ $175	$ 2,187.50	
P. Crook	Field Tech.	12	days @ $175	$ 2,100.00	
T. Hayes	Field Supervisor	6	days @ $350	$ 2,100.00	
A. Kamo	Field Tech.	11.5	days @ $175	$ 2,012.50	
J. Zackodnik	Field Tech.	1	day @ $175	$ 175.00	
K. Shotton	Geol. Asst.	.5	day @ $200	$ 100.00	$68,450.00

Disbursements:

Food and Accommodation			$12,651.40
Transportation-			
Truck rental 91 days @ $90		$ 8,190.00	
Misc. (gas, airfares, etc.)		$ 3,700.73	$11,890.73
Equipment Rental (geophysical, linecutting)			$11,155.00
Miscellaneous-			
Equipment and supplies		$ 1,396.10	
Shipping and communications		$ 214.26	$ 1,610.36
Analyses-			
rocks	14 Au, ICP @ $12.65	$ 177.10	
rocks	36 Au, ICP @ $15.75	$ 567.00	
rocks	1 Au, ICP @ $17.50	$ 17.50	
rocks	42 assay	$ 769.65	
soils	350 Au, ICP @ $10.15	$ 3,552.50	
soils	403 Au, ICP @ $ 8.63	$ 3,476.88	$ 8,560.63
Drafting and reproduction		$ 263.82	$ 263.82
Administration fees		$ 3,009.11	$ 3,009.11
	PHASE I TOTAL		$117,591.05

Phase II

Personnel:

C. Naas	Project Manager	34	days @	$400	$13,600.00	
L. Crittenden	Field Tech.	22.5	days @	$175	$ 3,937.50	
G. Hawkins	Consultant	6	days @	$600	$ 3,600.00	
H. Hoiles	Consultant	6	days @	$600	$ 3,600.00	
T. Hayes	Field Supervisor	20	days @	$350	$ 7,000.00	
J. Zackodnik	Field Tech.	8	days @	$175	$ 1,400.00	
G. Evans	Geologist	28.5	days @	$350	$ 9,975.00	
C. Gallagher	Field Tech.	27.5	days @	$175	$ 4,812.50	
J. Vanness	Field Tech.	10	days @	$175	$ 1,750.00	
B. Soles	Field Tech.	10	days @	$175	$ 1,750.00	$ 51,425.00

Disbursements:

Food and Accommodation-					
CME	163	days @	$ 55	$ 8,965.00	
Drillers	164	days @	$ 55	$ 9,020.00	
Other				$ 296.14	$ 18,281.14
Transportation-					
Truck rental	82	days @	$ 90	$ 7,380.00	
Misc. (gas, airfares, etc.)				$ 5,373.71	
Helicopter				$ 3,922.22	$ 16,675.93
Equipment Rental				$ 3,249.89	$ 3,249.89
Drilling-					
all-in drill cost	1795 m	@	$65.077	$116,811.06	$116,811.06
Miscellaneous-					
Equipment and supplies				$ 1,416.30	
Shipping and communications				$ 1,737.80	
Topo map				$ 4,563.55	$ 7,717.65
Analyses-					
core	581 Au, ICP	@	$15.248	$ 8,858.80	
composite assay	14 Cu	@	$11.770	$ 164.78	
composite assay	1 Ag-Pb-Zn		$25.410	$ 25.41	$ 9,048.99
Contract geophysical surveying-					
mag	12.7 km	@	$150.00	$ 1,905.00	
MaxMin	10.5 km	@	$770.95	$ 8,095.00	$ 10,000.00
Drafting and reproduction				$ 43.42	$ 43.42
Administration fees				$22,860.64	$ 22,860.64
GST				$ 4,827.60	$ 4,827.60
		PHASE II TOTAL			$260,941.32

Report

Personnel:

C. Naas	Project Manager	12.5 days @ $350	$4,375.00	
T. Neale	Geologist	14 days @ $350	$4,900.00	$ 9,275.00

Disbursements:

Drafting	$1,391.00	
Copying, reproduction, supplies	$ 826.39	
Typing	$1,192.12	
Miscellaneous (shipping, etc.)	$ 147.20	$ 3,556.71
Administration fees	$ 533.45	$ 533.45
GST	$ 793.20	$ 793.20
REPORT TOTAL		$ 14,158.36
GRAND TOTAL		$392,690.73

APPENDIX II

Rock Sample Descriptions

Sample No.	Description	Cu ppm (%)	Pb ppm	Zn ppm (%)	Au ppb	Ag ppm (g/t)	Other ppm
9091501	Grab local float at Nicanex road, Grid B Quartz-chlorite-schist (± sericite), minor orange brown, rusty weathered, with massive sulphide band of pyrrhotite, pyrite-chalcopyrite (2%), non-reactive with HCl, conductive- non-magnetic, tight isoclinal folding present in hand specimen with quartz eyes up to 1 cm	(0.18)	60	(0.01)	75	2.0 (<0.1)	
9091502	Grab local float at Nicanex/road, Grid B Quartz ± chlorite ± sericite banded semi--massive sulphide: total sulphides 15 to 20% consisting of 95% pyrrhotite with up to 5% chalcopyrite, does not react with HCl, conductive, non-magnetic	(0.24)	27	(<0.01)	15	0.6 (0.2)	
9091503	Grab local float Nicanex road at end of road Rusty weathered, dark grey, very fine-grained banded Fe Formation, non-conductive	(0.02)	4	(0.01)	<5	0.6 (0.1)	
Half-way	between end of road and L12 set-up.						
9091504	Grab local float of 4 cm wide massive sulphide band in quartz-chlorite schist. Sulphides consist of very fine pyrrhotite/pyrite with coarser chalcopyrite blebs and disseminations localized at quartz eye sites with very fine chalcopyrite disseminated in pyrrhotite/ pyrite, conductive, non-magnetic	(0.20)	13	(<0.01)	170	1.4 (0.3)	
9091505	Same as 9091501 grab local float at Nicanex Road L12 set-up	(0.10)	67	(0.03)	10	1.0 (<0.1)	
9091506	Grab local float at Nicanex Road Orange-buff weathered quartz-mica ± sericite schist with trace fractured controlled disseminated pyrite	138	44	196	5	0.2	

Sample No.	Description	Cu ppm (%)	Pb ppm	Zn ppm (%)	Au ppb	Ag ppm (g/t)	Other ppm
9091507	Grab local float N of L12 Nicanex road set-up. Buff weathered, tightly folded quartz-chlorite schist with 5 to 10% chalcopyrite-pyrrhotite, nonreactive with HCl, conductive	(0.32)	54	(<0.01)	5	2.4 (<0.1)	
9091508	Grab local float Nicanex Road Quartz-sericite schist with tight crenulated folds, buff weathered, 1% very fine disseminated pyrite	(0.01)	4	(<0.01)	120	0.6 (0.2)	15 Mo
9091509	Grab local float Nicanex Road Buff-brown weathered banded quartz-chlorite ± biotite schist with darker bands up to .5 cm consisting of 1:1 very fine pyrrhotite, chalcopyrite, conductive	(0.12)	128	(0.05)	15	2.2 (0.3)	
9091510	Grab local float Nicanex Road Buff weathered, very fine-grained quartz-chlorite schist with malachite stained foliation planes, sulphides ~15% with 10% chalcopyrite and 5% pyrrhotite ± pyrite	(1.38)	4	(0.02)	155	5.4 (0.5)	38 Mo
9091511	Grab local float Nicanex Road Massive recrystallized quartz-pyrite band in quartz-chlorite schist	(0.43)	22	(0.01)	120	2.6 (<0.1)	
9091512	Grab local float Nicanex Road Buff weathered quartzose-cherty chlorite	(0.01)	10	<0.01)	<5	0.2 (0.3)	
9091513	Grab local float - Nicanex road Buff to rusty weathered grey-green quartz-chlorite schist with 10% disseminated chalcopyrite, non-magnetic, non-conductive, and 10% pyrrhotite	(0.29)	12	(0.01)	<5	1.6 (0.2)	

Sample No.	Description	Cu ppm (%)	Pb ppm	Zn ppm (%)	Au ppb	Ag ppm (g/t)	Other ppm
9091514	Outcrop Light grey, buff weathered, quartz-sericite schist with black chlorite, trace disseminated chalcopyrite	(0.04)	16	(0.01)	<5	0.4 (<0.1)	
9091515	Grab local float Nicanex road Grey-green, medium-grained andesitic-dacite (flow?) with up to 5% disseminated pyrite	(0.03)	6	(<0.01)	5	(<0.1)	
9091516	Grab local - Float Nicanex road Light green-grey quartz-feldspar rhyolite porphyry with 1% to 2% disseminated chalcopyrite ± pyrite, sericite/malachite foliation planes	(0.22)	2	(<0.01)	5	0.8 (0.2)	20 Mo
9091517	Grab local float - Nicanex road Grey cherty quartz ± (sericite?) ± muscovite schist with 0.5% disseminated chalcopyrite	(0.15)	7	(<0.01)	15	2.0 (0.3)	29 Mo
9091518	same as 9091517, with up to 3% pyrite	(0.11)	20	(<0.01)	135	1.2 (0.1)	22 Mo
9091519	Outcrop at L16W Nicanex road Grey cherty quartz ± sericite schist (rhyolite?) with up to 0.5% chalcopyrite	(0.15)	14	(<0.01)	10	1.0 (0.3)	24 Mo
9091520	Grab local float at L16W - Nicanex road Quartz eye porphyry flow with trace disseminated pyrite	(0.01)	31	(0.02)	5	0.2 (<0.1)	
9091521	Grab local float - Nicanex road Buff weathered, very fine-grained quartz chlorite schist with 10% chalcopyrite, in part, fracture controlled	(1.14)	21	(0.01)	20	5.8 (0.3)	13 Mo
Grab local float Nicanex road							
9091522	Rust weathered Quartz-chlorite ± biotite schist with up to 25% sulphides with 3 to 5% chalcopyrite	(0.23)	26	(<0.01)	<5	0.8 (0.1)	

Sample No.	Description	Cu ppm (%)	Pb ppm	Zn ppm (%)	Au ppb	Ag ppm (g/t)	Other ppm
9091523	Fine-grained, quartz chlorite schist with 1 cm wide quartz vein parallel to foliation, malachite stained fractures and foliation planes, rock contains up to 10% disseminated chalcopyrite plus pyrite, 9:1 ratio	10058	10	195	50	1.8	
9091524	Grab local float Nicanex road Quartz-sericite ± chlorite ± mica schist, crenulation folding, malachite-azurite stained foliation planes, trace to 0.5 chalcopyrite	(0.32)	17	(<0.01)	10	0.8 (0.2)	
9091525	Grab local float Nicanex road Quartz-sericite ± chlorite schist with 5 to 10% chalcopyrite, trace bornite?, rusty weathered, minor pyrite	(0.91)	16	(<0.01)	25	6.2 (4.1)	18 Mo
9091526	Grab local float - Nicanex road Quartz-chlorite schist with 5 to 10% finely disseminated chalcopyrite, minor pyrrhotite, occasional coarse secondary pyrite, malachite stained foliation planes	(0.74)	24	(0.01)	20	2.4 (0.2)	15 Mo
9091527	Grab local float Nicanex road Finely banded cherty felsic tuff with .5 to 1.0% finely disseminated pyrite	(0.13)	19	(<0.01)	<5	0.8 (0.1)	14 Mo
9091528	Grab local float Rusty weathered, grey quartz-sericite ± chlorite schist with up to 10% disseminated pyrite	(1.58)	19	(0.02)	30	10.2 (7.3)	
9091529	Grab local float Nicanex road Banded semi-massive sulphide (bands up to 2 cm) in quartz-chlorite schist, bands consist of pyrite and lesser chalcopyrite in part, segregated, buff-rusty weathered	(0.48)	11	(0.02)	45	1.6 (<0.1)	

Sample No.	Description	Cu ppm (%)	Pb ppm	Zn ppm (%)	Au ppb (g/t)	Ag ppm	Other ppm
9091530	Grab local float Nicanex road Blue-white quartz eye rhyolite with 1% disseminated pyrite	(0.07)	11	(<0.01)	<5	0.4 (0.2)	11 Mo
9091531	Chip from local boulder Nicanex road Very fine-grained banded massive sulphide, consisting of 90% pyrrhotite, 5% pyrite, 4% sphalerite, 1% chalcopyrite, minor quartz/carbonate remobilization with coarser sulphides, gangue consists of 10% quartz-chlorite	(1.01)	410	(7.42)	(0.33)	10.8 (7.4)	0.14% W, 20 Mo, 275 Cd
9091532	Grab local float Buff-rusty weathered quartz-chlorite schist with 20% banded to disseminated sulphides consisting of sphalerite, pyrrhotite, chalcopyrite (.5 to 1%), non-magnetic, non-conductive	(0.12)	198	(4.44)	55	3.8 (1.8)	135 Cd
9091533	Grab local float Grey banded, siliceous Fe-formation	757	38	3775	10	0.2	13,565 Mn
9091534	Grab local float Nicanex road Chip from massive sulphide boulder - sulphides consist of pyrite-pyrrhotite-sphalerite-chalcopyrite in quartz/chlorite matrix (20%)	4514	529	44339	150	5.4	211 Cd
9091601	Grab float at Nicanex road, at Cedar Creek stop Rusty gossanous quartz-chlorite schist with local coarse secondary quartz with remobilized chalcopyrite, partly fractured, total sulphides 10-15% (pyrite:chalcopyrite 1:1?)	(0.99)	30	(0.06)	30	4.0 (0.2)	17 Mo
9091602	Grab float at Nicanex road, at Cedar Creek same as 9091601 with .5 cm band of massive pyrite with lesser chalcopyrite	(0.19)	75	(0.07)	75	2.4 (0.1)	
9091603	Grab local float - Nicanex road Banded recrystallized carbonate-barite?	(0.01)	39	(0.01)	<5	0.2 (0.3)	>15.00% Ca

Sample No.	Description	Cu ppm (%)	Pb ppm	Zn ppm (%)	Au ppb	Ag ppm (g/t)	Other ppm
9091604	Grab local float Nicanex roads (chip from massive sulphide boulder) Massive sulphide with coarse translucent quartz eyes - 80% sulphides : pyrrhotite-chalcopyrite-pyrite-sphalerite (boulder #1)	(0.75)	282	(6.10)	185	10.2 (4.5)	0.10% W, 24 Mo, 212 Cd
9091605	Grab local float Nicanex road (3x3 MS boulder #2) Massive sulphide banded to tightly folded, 80% sulphides - pyrrhotite-sphalerite-chalcopyrite-pyrite-tetrahedrite?	(0.27)	3185	(6.64)	100	>30.0 (25.7)	0.12% W, 25 Mo, 292 Cd
9091606	Grab local float Nicanex road (2x3 MS boulder #3) as in 9091605	(0.19)	150	(8.18)	55	3.6 (2.3)	0.18% W, 36 Mo, 494 Cd
9092501	Grab - Outcrop Bd sulphides from new road showing #2	1693	78	53999	40	1.6	270 Cd
9092502	Grab - 3'x5' boulder #4 - new road. 20% sulphides - semi-massive pyrrhotite ± sphalerite ± chalcopyrite	1314	27	713	5	0.2	
9092503	Grab - subcrop AFR zone. Quartz-chlorite-biotite-schist with 3-5% semi-banded chalcopyrite ± pyrite	841	80	407	5	0.3	
9092504	Grab float - (switchback-boulder) Banded sulphides, pyrrhotite ± sphalerite ± chalcopyrite in quartz-biotite-gneissic schist ± lead	5802	11	215	50	1.0	
9092505	L5W 0 + 50S Outcrop - quartz-sericite schist with limonite after pyrite (1-2%)	101	9	78	5	0.1	

Sample No.	Description	Cu ppm (%)	Pb ppm	Zn ppm (%)	Au ppb (g/t)	Ag ppm	Other ppm
3501	Grab from outcrop located at L4W-0+65 of grid A. Sample is a pale green, quartz-chlorite sericite schist with 2-3% fine-grained disseminated sulphides throughout	64	20	42	5	0.1	389 Co
3502	Grab from outcrop located at L4W-0+65S of grid A. Sample is a pale green, quartz-chlorite-sericite schist with trace-1% fine-grained disseminated sulphides	62	16	45	5	0.2	
3503	Grab from outcrop from the Nicanex road showing. Sample contains 40-50% pyrrhotite, 2-3% sphalerite and 1-2% chalcopyrite. Host rock is a quartz-chlorite-sericite schist. Massive sulphide is approximately 0.75 m thick with an altitude of 140/40S. Sample was taken from centre of massive sulphide horizon	(0.59)	185	(7.12)	460 (0.48)	2.4	320 Cd
3504	Grab from outcrop from the footwall of the massive sulphide where sample 3503 was taken from. Sample is quartz-chlorite sericite schist with 1-2% fine-grained pyrrhotite and pyrite	144	88	1532	30	0.4	
3505	Grab from outcrop from the Nicanex road showing. Sample contains 40-50% pyrrhotite, 2-3% sphalerite and 1-2% chalcopyrite. Host rock is quartz-chlorite-sericite schist. Sample is taken from centre of massive sulphide horizon, but 2 metres along strike to the east of sample 3503	(0.53)	125	(7.60)	340 (0.274)	2.0	370 Cd
3506	Grab from outcrop from the Nicanex road showing. Sample contains 20-25% combined pyrrhotite, pyrite(?), sphalerite with 1-2% chalcopyrite. Sample is from top portion of massive sulphide zone	(0.06)	111	(1.13)	220 (0.240)	0.1	13,566 Mn

Sample No.	Description	Cu ppm (%)	Pb ppm	Zn ppm (%)	Au ppb (g/t)	Ag ppm	Other ppm
3507	Grab from outcrop from the Nicanex road showing. Sample contains 15-20% combined pyrrhotite, pyrite(?), sphalerite with 1-2% chalcopyrite. Sample is from botton portion of massive sulphide horizon	(0.30)	477	(9.28)	(0.411)	3.9	437 Cd
3508	Grab from outcrop of footwall of massive sulphide horizon located 20 m east of the L21W massive sulphide horizon. Sample contains 30-35% combined pyrrhotite and sphalerite with trace-1% chalcopyrite. Altitude of sulphide is 090/20S (0.3 m thick)	59	22	1113	5	0.4	
3509	Grab from outcrop from L28W-9+00S of grid A. Sample is a quartz-chlorite-sericite schist with 1-2% disseminated pyrite in cube form to 3 mm in size	113	19	877	5	0.4	
3510	Grab from outcrop taken from midway point between the two massive sulphide zones on the Nicanex road. Sample is a chlorite-sericite schist containing trace-1% fine-grained disseminated pyrite	16	16	82	5	0.3	
3511	Grab from float from a massive sulphide boulder (1 m x 0.5 m) on L12W on the bank of the Nicanex road. Sample is 70-75% massive pyrrhotite $\pm$ sphalerite and trace chalcopyrite. Contains clasts(?) of quartz-chlorite-sericite schists up to 1 cm in size	(0.23)	67	245	5	0.6	
3512	Grab from float of a boulder (0.5 m x 0.5 m) located next to the 3511 boulder. Sample is a quartz-chlorite-sericite schist, pale green in colour. Contains 3-5% fine-grained disseminated pyrite throughout	483	16	166	5	0.1	

Sample No.	Description	Cu ppm (%)	Pb ppm	Zn ppm (%)	Au ppb	Ag ppm (g/t)	Other ppm
3513	Grab from outcrop located near L2E of grid C on the old Nicanex drill site. Sample is a quartz-chlorite-sericite schist, weathering light brown. Contains 1-2% fine-grained chalcopyrite. Malachite staining common.	390	7	82	5	0.4	
3514	Grab from float (sub-outcrop?) of a 0.25 m x 0.25 m boulder at L16W on the Nicanex road of grid B. Sample is much paler green than others, more sericite. Contains 2-3% fine-grained chalcopyrite with malachite staining	(0.69)	17	164	40	1.6	13 Mo
3515	Grab from float at same location as 3514. Same rock as 3514 but a different boulder	(0.96)	17	220	40	2.8	15 Mo
3516	Grab from float 20 m to the east of samples 3514 and 3515. Rock is 0.20 m x 0.15 m in size. Sample is dark green chlorite-sericite schist with trace-1% chalcopyrite	(0.17)	9	79	5	0.4	
3517	Grab from outcrop at L0 of grid B on side of road (Baseline area). Sample is dark black graphitic argillite which has patches of dark brown oxidation. Trace-1% cubic pyrite throughout	61	16	20	5	0.2	
9T082300	Located on the south side along Main road at 3+30 km mark. Grab from outcrop. Quartz-chlorite-sericite schists which weather a strong brown colour. Contains trace-1% pyrite $\pm$ galena and trace sphalerite	43	909	128	5	2.7	
9T082301	Grab from float of a suboutcrop quartz vein. Quartz vein is smokey white and up to 2 m in width. Possible strike is N/NE. Contains trace fine-grained disseminated pyrite	13	81	122	5	0.2	

Sample No.	Description	Cu ppm (%)	Pb ppm	Zn ppm (%)	Au ppb	Ag ppm (g/t)	Other ppm
9T082302	Grab from float. Sample is 0.25 sq m in size and was found within Cedar Creek. Sample is a quartz-chlorite-sericite schist containing 1-2% pyrite in cubic form up to several mm in size	328	25	37	10	0.8	
2700	Grab from float of a suboutcrop quartz vein. Sample was located 1 m from 9T082301. Contains trace-fine grained disseminated pyrite	750	3	86	5	0.1	

APPENDIX III

Certificates of Analysis and Assay

a) rock samples

ECO-TECH LABORATORIES LTD.

10041 EAST TRANS CANADA HWY.
KAMLOOPS, B.C. V2C 2J3
PHONE - 604-573-5700
FAX - 604-573-4557

MPH CONSULTING LTD. - ETK 90-585

BOX 12092, HARBOUR CENTRE
2406 - 555 WEST HASTINGS ST.
VANCOUVER, B.C.
V6B 4N5

SEPTEMBER 21, 1990

VALUES IN PPM UNLESS OTHERWISE REPORTED

PROJECT: V298
36 ROCK SAMPLES RECEIVED SEPTEMBER 17, 1990

ET#	DESCRIPTION	AU(ppb)	AG	AL(%)	AS	B	BA	BI	CA(%)	CD	CO	CR	CU	FE(%)	K(%)	LA	MG(%)	MN	MO	NA(%)	NI	P	PB	SB	SN	SR	TI(%)	U	V	W	Y	ZN
585 - 1	9091501	75	2.0	2.67	165	<2	15	30	.77	<1	15	139	2204	>15	.11	10	1.84	246	4	.04	28	1270	60	15	<20	15	.03	<10	38	<10	2	183
585 - 2	9091502	15	.6	.38	45	18	5	50	1.70	<1	12	131	1924	11.46	.03	<10	.73	594	4	.04	15	1960	27	10	<20	106	<.01	<10	8	10	1	98
585 - 3	9091503	<5	.6	.88	15	<2	20	<5	.18	<1	11	33	138	>15	.11	<10	.48	463	<1	.02	11	1090	4	10	<20	16	.02	<10	124	10	2	95
585 - 4	9091504	170	1.4	1.72	25	<2	5	10	.36	<1	40	89	2117	>15	.06	10	1.01	501	<1	.03	42	1300	13	10	<20	17	.05	<10	27	<10	3	77
585 - 5	9091505	10	1.0	2.73	30	<2	25	<5	.62	<1	28	162	1120	10.74	.1	40	1.38	1085	5	.1	14	790	67	<5	<20	29	.05	<10	47	10	4	469
585 - 6	9091507	5	2.4	2.83	25	38	10	20	.28	<1	55	167	3845	>15	.04	10	2.77	525	3	.05	48	3710	54	<5	<20	8	.01	<10	32	10	2	201
585 - 7	9091508	120	.6	3.06	235	18	75	<5	.20	<1	13	219	238	6.58	.22	60	1.58	1059	15	.04	18	660	4	<5	<20	26	.01	<10	26	<10	7	125
585 - 8	9091509	15	2.2	1.94	20	<2	15	<5	2.07	2	86	121	1496	>15	.18	20	1.44	3023	<1	.03	31	1130	128	<5	<20	52	.06	<10	33	30	4	847
585 - 9	9091510	155	5.4	4.89	15	<2	65	<5	.59	1	70	85	>10000	9.61	.12	10	2.67	777	38	.06	29	>10000	4	<5	<20	36	.02	<10	171	10	7	468
585 -10	9091511	120	2.6	3.42	65	<2	10	20	1.05	1	182	139	4086	>15	.05	20	2.00	808	5	.02	31	4390	22	5	<20	22	.06	<10	26	40	5	294
585 -11	9091512	<5	.2	2.86	25	<2	110	<5	.38	1	24	202	178	5.59	.15	30	1.41	1083	9	.03	40	1650	10	5	<20	30	.01	<10	26	<10	4	123
585 -12	9091513	<5	1.6	5.08	25	<2	50	<5	1.24	1	59	84	3056	11.91	.07	10	3.94	1002	5	.03	17	3700	12	<5	<20	47	.22	<10	220	<10	6	205
585 -13	9091514	<5	.4	3.11	25	42	85	<5	.30	1	25	138	530	6.74	.16	60	2.40	379	9	.02	34	1520	16	<5	<20	30	.01	<10	23	<10	7	159
585 -14	9091515	5	.6	5.62	50	<2	45	<5	1.77	1	44	104	468	10.06	.07	20	4.50	900	7	.06	5	4390	6	5	<20	117	.30	<10	58	10	8	140
585 -15	9091516	5	.8	2.14	25	<2	80	<5	.77	2	22	231	2477	3.75	.08	10	1.25	305	20	.05	7	3120	2	<5	<20	46	.01	<10	23	<10	6	81
585 -16	9091517	15	2.0	3.46	25	<2	115	<5	.63	1	17	264	1690	5.30	.12	20	1.76	748	29	.02	35	2000	7	5	<20	29	.01	<10	23	10	6	144
585 -17	9091518	135	1.2	2.11	30	52	40	<5	.13	1	37	340	1259	8.83	.06	10	1.35	392	22	.04	11	1520	20	5	<20	20	.03	<10	29	10	4	87
585 -18	9091519	10	1.0	3.47	35	132	95	<5	6.32	1	23	310	1830	5.05	.1	10	2.26	1353	24	03.03	26	2140	14	5	<20	97	.02	<10	53	10	6	97
585 -19	9091520	5	.2	3.95	20	<2	105	<5	1.24	1	22	152	102	5.28	.11	10	2.30	865	9	.06	12	780	31	10	<20	132	.02	<10	75	10	5	269
585 -20	9091521	20	5.8	5.82	40	<2	75	<5	1.24	1	88	136	>10000	12.29	.12	10	3.60	682	13	.03	11	>10000	21	<5	<20	52	.05	<10	209	10	6	318
585 -21	9091522	<5	.8	2.45	5	34	20	<5	.73	1	47	67	2088	7.37	.05	10	1.81	415	3	.04	15	1760	26	10	<20	18	.13	<10	111	<10	6	63
585 -22	9091524	10	.8	1.24	5	16	70	<5	2.33	1	10	100	2801	2.05	.06	10	.69	379	7	.02	9	2150	17	<5	<20	52	<.01	<10	11	<10	2	57
585 -23	9091525	25	6.2	1.26	10	18	45	<5	.36	1	58	76	8635	3.64	.12	<10	.51	165	18	.02	25	6940	16	<5	<20	13	<.01	<10	35	<10	3	105
585 -24	9091526	20	2.4	3.49	15	22	60	<5	1.07	1	49	70	7204	6.23	.11	10	2.32	743	15	.02	14	5090	24	10	<20	22	.03	<10	117	<10	5	125
585 -25	9091527	<5	.8	.95	15	16	25	<5	.28	1	22	212	1020	2.68	.06	<10	.68	183	14	.05	30	840	19	5	<20	15	.09	<10	32	<10	6	29
585 -26	9091528	30	10.2	1.79	5	14	50	<5	.26	1	63	80	>10000	4.68	.11	<10	1.10	283	7	.02	44	>10000	19	<5	<20	9	<.01	<10	59	10	3	182

ECO-TECH LABORATORIES LTD. MPH CONSULTING LTD. - ETK 90-585

PAGE 2

ET#	DESCRIPTION	AU(ppb)	AG	AL(%)	AS	B	BA	BI	CA(%)	CD	CO	CR	CU	FE(%)	K(%)	LA	MG(%)	MN	MO	NA(%)	NI	P	PB	SB	SN	SR	TI(%)	U	V	W	Y	ZN
585 -27	9091529	45	1.6	2.10	10	10	5	<5	1.47	1	36	80	4369	11.18	.05	10	1.74	535	2	.01	42	3090	11	25	<20	36	.06	<10	16	10	2	153
585 -28	9091530	<5	.4	1.07	5	10	70	<5	.31	1	8	163	514	2.07	.7	<10	.50	105	11	.06	4	430	11	<5	<20	35	.01	<10	12	<10	2	24
585 -29	9091531	>300	10.8	.51	<5	26	15	10	4.44	275	25	31	8606	12.15	.11	<10	.58	4688	20	.01	29	5450	410	35	<20	155	.01	<10	7	1150	2	>10000
585 -30	9091532	55	3.8	.41	<5	8	40	10	14.36	135	12	38	650	5.36	.16	<10	.64	4530	9	.01	9	470	198	<5	<20	622	.03	<10	6	510	2	>10000
585 -31	9091601	30	4.0	4.99	75	24	15	<5	.43	1	93	146	>10000	12.02	.04	20	1.79	663	17	.01	51	>10000	30	45	<20	16	.03	10	63	10	6	632
585 -32	9091602	75	2.4	1.22	30	24	10	<5	.77	1	48	128	2089	12.07	.05	10	.63	1229	4	.02	21	1830	75	40	<20	37	.01	<10	26	10	3	678
585 -33	9091603	<5	.2	.11	15	18	5	<5	>15.00	1	3	14	54	.81	.03	<10	.28	238	1	.01	3	420	39	<5	<20	485	<.01	<10	3	<10	2	63
585 -34	9091604	185	10.2	.51	10	40	5	10	1.61	212	34	144	8093	12.06	.02	<10	.38	2929	24	.01	71	6880	282	35	<20	29	.01	<10	11	1270	2	>10000
585 -35	9091605	100	>30.0	.98	10	60	25	150	3.34	292	29	64	2531	12.08	.11	<10	.94	4518	25	.01	41	2390	3185	50	<20	130	.02	<10	11	1300	2	>10000
585 -36	9091606	55	3.6	2.71	10	16	30	5	6.56	494	22	157	1791	12.19	.38	<10	2.03	4490	36	.01	24	1470	150	40	<20	221	.10	<10	44	1620	3	>10000

NOTE: > = GREATER THAN
< = LESS THAN

ECO-TECH LABORATORIES LTD.
JUTTA JEALOUSE
B.C. CERTIFIED ASSAYER

SC90/MPH

ECO-TECH LABORATORIES LTD.

10041 EAST TRANS CANADA HWY.
KAMLOOPS, B.C. V2C 2J3
PHONE - 604-573-5700
FAX - 604-573-4557

MPH CONSULTING - ETK 90-600

2406 - 555 WEST HASTING ST.
VANCOUVER, B.C.
V6B 4N5

ATTENTION: T. GREG HAWKINS

September 21, 1990

VALUES IN PPM UNLESS OTHERWISE REPORTED

1 ROCK SAMPLE RECEIVED SEPTEMBER 19, 1990

ET#	DESCRIPTION	AU(ppb)	AG(ppm)	AL(%)	AS	B	BA	BI	CA(%)	CD	CO	CR	CU	FE(%)	K(%)	LA	MG(%)	MN	MO	NA(%)	NI	P	PB	SB	SN	SR	TI(%)	U	V	W	Y	ZN
600 - 1	90 91701	170	.5	2.02	23	<2	156	<5	4.20	189	30	61	8852	16.68	<.01	292	1.94	3447	13	<.01	34	<10	188	10	<20	106	.02	<10	51	33	<1	>10000

NOTE: < = LESS THAN

FAX: 687-2319

SC90/KAM#3

ECO-TECH LABORATORIES LTD.
JUTTA JEALOUSE
B.C. CERTIFIED ASSAYER

RECEIVED OCT 1 - 1990

ROSSBACHER LABORATORY LTD.

2225 S. Springer Ave., Burnaby,
British Columbia, Can. V5B 3B1
Ph:(604)299-6910 Fax:299-6252

CERTIFICATE OF ANALYSIS

TO : MPH CONSULTING LTD.
#2406-555 W. HASTINGS ST.
VANCOUVER, B.C.
PROJECT : V 298
TYPE OF ANALYSIS : ICP

CERTIFICATE # : 90400
INVOICE # : 10536
DATE ENTERED : 90-08-30
FILE NAME : MPH90400.I
PAGE # : 1

PRE FIX	SAMPLE NAME	PPM MO	PPM CU	PPM PB	PPM ZN	PPM AG	PPM NI	PPM CD	PPM MN	% FE	PPM AS	PPM U	PPM AU	PPM HG	PPM SR	PPM CD	PPM SB	PPM BI	PPM V	% CA	% P	PPM LA	PPM CR	% MG	PPM BA	% TI	PPM B	% AL	% NA	% SI	PPM W	PPM BE	PPB Au AA
A	9T082300	8	43	909	128	2.7	20	14	822	2.70	12	5	ND	ND	85	1	4	12	7	0.97	0.02	7	6	0.41	10	0.01	304	0.23	0.02	0.03	26	1	5
A	9T082301	2	13	81	122	0.2	8	4	151	0.76	5	5	ND	ND	3	1	2	6	5	0.03	0.01	11	6	0.20	17	0.01	18	0.35	0.01	0.01	11	1	5
A	9T082302	3	328	25	37	0.8	31	46	46	4.76	16	5	ND	ND	1	1	2	2	2	0.01	0.01	1	12	0.01	5	0.01	1390	0.02	0.01	0.01	14	1	10

CERTIFIED BY : J. Rossbach

RECEIVED SEP 1 0 1990

ROSSBACHER LABORATORY LTD.

2225 S. Springer Ave., Burnaby,
British Columbia, Can. V5B 3N1
Ph:(604)299-6910 Fax:299-6252

CERTIFICATE OF ANALYSIS

TO : MPH CONSULTING LTD.
#2406-555 W. HASTINGS ST.
VANCOUVER, B.C.

PROJECT : V 298
TYPE OF ANALYSIS : ICP

CERTIFICATE # : 90498
INVOICE # : 20020
DATE ENTERED : 90-10-11
FILE NAME : MPH90498.I
PAGE # : 1

PRE FIX	SAMPLE NAME	PPM MO	PPM CU	PPM PB	PPM ZN	PPM AG	PPM NI	PPM CO	PPM MN	% FE	PPM AS	PPM U	PPM AU	PPM HG	PPM SR	PPM CD	PPM SB	PPM BI	PPM V	% CA	% P	PPM LA	PPM CR	% MG	PPM BA	% TI	PPM B	% AL	% NA	% SI	PPM W	PPM BE	PPB Au AA
A	9091506	2	138	44	196	0.2	11	5	195	3.11	7	5	ND	ND	14	2	2	3	10	0.36	0.01	18	33	0.95	106	0.01	5	1.08	0.01	0.02	1	1	5
A	9091523	1	10058	10	195	1.8	22	35	525	5.97	8	5	ND	ND	57	2	3	2	90	2.28	0.10	4	57	2.00	26	0.04	15	2.72	0.02	0.03	3	2	50
A	9091533	1	757	38	3775	0.2	6	3	13565	11.53	2	5	ND	ND	262	21	13	2	1	9.29	0.01	5	34	0.33	168	0.01	20	0.32	0.01	0.02	2	1	10
A	9091534	3	4514	529	44339	5.4	44	19	7266	14.05	2	5	ND	ND	227	211	53	2	2	5.33	0.01	5	56	0.63	58	0.01	40	0.75	0.04	0.05	4	1	150

CERTIFIED BY : J. Rossbach

RECEIVED OCT 1 1 1990

ROSSBACHER LABORATORY LTD.

2225 S. Springer Ave., Burnaby,
British Columbia, Can. V5B 3N1
Ph:(604)299-6910 Fax:299-6252

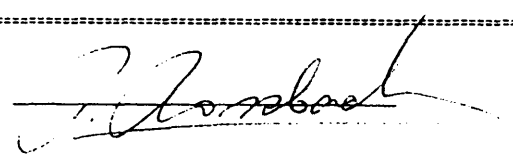
CERTIFICATE OF ANALYSIS

TO : MPH CONSULTING LTD.
#2406-555 W. HASTINGS ST.
VANCOUVER, B.C.
PROJECT : V 298
TYPE OF ANALYSIS : ICP

CERTIFICATE # : 90520
INVOICE # : 20045
DATE ENTERED : 90-10-17
FILE NAME : MPH90520.I
PAGE # : 1

PRE FIX	SAMPLE NAME	PPM MO	PPM CU	PPM PB	PPM ZN	PPM AG	PPM NI	PPM CO	PPM MN	% FE	PPM AS	PPM U	PPM AU	PPM HG	PPM SR	PPM CD	PPM SB	PPM BI	PPM V	% CA	% P	PPM LA	PPM CR	% MG	PPM BA	% TI	PPM B	% AL	% NA	% SI	PPM W	PPM BE	PPB Au AA
A	3501	3	64	20	42	0.1	55	389	622	5.50	19	5	ND	ND	18	1	2	5	3	0.22	0.05	10	93	0.08	48	0.01	20	0.22	0.02	0.02	6	1	5
A	3502	2	62	16	45	0.2	45	9	1012	2.76	17	5	ND	ND	67	1	5	2	7	1.45	0.06	11	65	0.38	25	0.01	25	0.35	0.02	0.04	7	1	5
A	3503	4	5570	185	58981	2.4	69	22	5413	17.03	6	5	ND	ND	109	320	66	2	5	3.41	0.01	9	107	0.41	13	0.01	30	0.68	0.01	0.03	5	1	460
A	3504	1	144	88	1532	0.4	38	14	1277	3.14	6	5	ND	ND	11	8	2	2	34	0.18	0.03	25	60	0.95	34	0.01	5	1.27	0.01	0.01	2	1	30
A	3505	4	5179	125	66504	2.0	59	13	3283	16.61	3	5	ND	ND	46	370	71	2	6	2.13	0.01	6	52	0.37	10	0.01	35	0.71	0.01	0.02	2	1	340
A	3506	1	563	111	10883	0.1	6	1	13566	9.69	7	5	ND	ND	412	55	13	2	4	8.18	0.01	10	17	0.73	132	0.01	25	0.60	0.01	0.02	8	1	220
A	3507	6	2807	477	77769	3.9	55	19	5469	16.78	2	5	ND	ND	31	437	81	2	1	1.25	0.01	7	21	0.43	14	0.01	20	0.66	0.01	0.02	5	1	280
A	3508	2	59	22	1113	0.4	11	4	542	1.35	12	5	ND	ND	24	6	4	2	4	0.63	0.01	9	26	0.32	42	0.01	5	0.49	0.01	0.02	3	1	5
A	3509	3	113	19	877	0.4	47	15	552	9.89	18	5	ND	ND	366	6	2	2	88	5.78	0.27	32	44	1.61	110	0.04	20	2.89	0.01	0.04	2	3	5
A	3510	2	16	16	82	0.3	14	4	295	1.39	12	5	ND	ND	22	1	3	4	6	0.42	0.01	19	13	0.27	51	0.01	5	0.56	0.01	0.03	3	1	5
A	3511	3	2168	67	245	0.6	47	31	609	18.30	4	5	ND	ND	27	1	9	21	15	0.73	0.01	10	57	1.44	13	0.01	30	1.34	0.01	0.01	1	1	5
A	3512	2	483	16	166	0.1	50	29	335	8.34	15	5	ND	ND	62	1	3	2	41	1.08	0.43	5	38	1.72	36	0.25	20	2.28	0.01	0.04	1	1	5
A	3513	2	390	7	82	0.4	4	4	203	3.61	11	5	ND	ND	9	1	2	2	14	0.16	0.04	3	27	1.19	48	0.06	20	1.50	0.01	0.02	1	1	5
A	3514	13	7201	17	164	1.6	15	50	545	9.41	22	5	ND	ND	12	1	2	2	108	0.23	0.11	6	45	2.10	39	0.03	25	3.40	0.01	0.05	1	2	40
A	3515	15	9402	17	220	2.8	16	23	722	6.88	7	5	ND	ND	32	1	7	2	82	1.48	0.11	7	32	1.71	42	0.02	10	2.88	0.01	0.04	3	2	40
A	3516	1	1684	9	79	0.4	10	9	489	7.91	3	5	ND	ND	13	1	2	2	150	0.36	0.19	8	34	1.81	14	0.02	15	2.97	0.01	0.03	1	3	5
A	3517	3	61	16	20	0.2	6	2	65	0.90	6	5	ND	ND	8	1	5	13	7	0.03	0.02	50	16	0.17	25	0.01	5	0.37	0.01	0.01	1	1	5

RECEIVED NOV 2 - 1990

CERTIFIED BY : 

ECO-TECH LABORATORIES LTD.

ASSAYING - ENVIRONMENTAL TESTING

10041 East Trans Canada Hwy., Kamloops, B.C. V2C 2J3 (604) 573-5700 Fax 573-4557

SEPTEMBER 19, 1990

CERTIFICATE OF ANALYSIS ETK 90-585

MPH CONSULTING LTD.
BOX 12092, HARBOUR CENTRE
2406 - 555 WEST HASTINGS ST.
VANCOUVER, B.C.
V6B 4N5

SAMPLE IDENTIFICATION: 36 ROCK samples received SEPTEMBER 17, 1990
PROJECT: V298

ET#	Description	AU (ppb)	AU (g/t)	AU (oz/t)	AG (g/t)	AG (oz/t)	CU (%)	ZN (%)
585 - 1	9091501	75			<.1	<.01	.18	.01
585 - 2	9091502	15			.2	.01	.24	<.01
585 - 3	9091503	<5			.1	<.01	.02	.01
585 - 4	9091504	170			.3	.01	.20	<.01
585 - 5	9091505	10			<.1	<.01	.10	.03
585 - 6	9091507	5			<.1	<.01	.32	<.01
585 - 7	9091508	120			.2	.01	.01	<.01
585 - 8	9091509	15			.3	.01	.12	.05
585 - 9	9091510	155			.5	.02	1.38	.02
585 - 10	9091511	120			<.1	<.01	.43	.01
585 - 11	9091512	<5			.3	.01	.01	<.01
585 - 12	9091513	<5			.2	.01	.29	.01
585 - 13	9091514	<5			<.1	<.01	.04	.01
585 - 14	9091515	5			<.1	<.01	.03	<.01
585 - 15	9091516	5			.2	.01	.22	<.01
585 - 16	9091517	15			.3	.01	.15	<.01
585 - 17	9091518	135			.1	<.01	.11	<.01
585 - 18	9091519	10			.3	.01	.15	<.01
585 - 19	9091520	5			<.1	<.01	.01	.02
585 - 20	9091521	20			.3	.01	1.14	.01
585 - 21	9091522	<5			.1	<.01	.23	<.01
585 - 22	9091524	10			.2	.01	.32	<.01
585 - 23	9091525	25			4.1	.12	.91	<.01
585 - 24	9091526	20			.2	.01	.74	.01
585 - 25	9091527	<5			.1	<.01	.13	<.01
585 - 26	9091528	30			7.3	.21	1.53	.02
585 - 27	9091529	45			<.1	<.01	.48	.02
585 - 28	9091530	<5			.2	.01	.07	<.01
585 - 29	9091531	>300	.33	.010	7.4	.22	1.01	7.42
585 - 30	9091532	55			1.8	.05	.12	4.44

JUTTA JEALOUSE, Certified Assayer

ECO-TECH LABORATORIES LTD.

ASSAYING - ENVIRONMENTAL TESTING

10041 East Trans Canada Hwy., Kamloops, B.C. V2C 2J3 (604) 573-5700 Fax 573-4557

MPH CONSULTING LTD.

SEPTEMBER 19, 1990

ET#	Description	AU (ppb)	AG (g/t)	AG (oz/t)	CU (%)	ZN (%)
585 - 31	9091601	30	.2	.01	.99	.06
585 - 32	9091602	75	.1	<.01	.19	.07
585 - 33	9091603	<5	.3	.01	.01	.01
585 - 34	9091604	185	4.5	.13	.75	6.10
585 - 35	9091605	100	25.7	.75	.27	6.64
585 - 36	9091606	55	2.3	.07	.19	8.18

NOTE: < = LESS THAN

ECO-TECH LABORATORIES LTD.
JUTTA JEALOUSE
B.C. Certified Assayer

SC90/K4

ECO-TECH LABORATORIES LTD.
ASSAYING - ENVIRONMENTAL TESTING
10041 East Trans Canada Hwy., Kamloops, B.C. V2C 2J3 (604) 573-5700 Fax 573-4557

SEPTEMBER 21, 1990

CERTIFICATE OF ANALYSIS ETK 90-600

MPH CONSULTING
2406- 555 WEST HASTINGS ST.
VANCOUVER, B.C.
V6B 4N5

A S S A Y S

ATTENTIN: T. GREG HAWKINS

SAMPLE IDENTIFICATION: 1 ROCK sample received SEPTEMBER 19, 1990

ETK #	DESCRIPTION	AG (g/t)	PB (%)	ZN (%)	CU (%)
600 -	1 90 91701	.5	.02	5.00	.96

ECO-TECH LABORATORIES LTD.
JUTTA JEALOUSE
B.C. CERTIFIED ASSAYER

FAX: 687-2319
SC90/K3

ECO-TECH LABORATORIES LTD.

ASSAYING - ENVIRONMENTAL TESTING

10041 East Trans Canada Hwy., Kamloops, B.C. V2C 2J3 (604) 573-5700 Fax 573-4557

SEPTEMBER 26, 1990

CERTIFICATE OF ANALYSIS ETK 90-585A

MPH CONSULTING LTD.
BOX 12092, HARBOUR CENTRE
2406 - 555 WEST HASTINGS ST.
VANCOUVER, B.C.
V6B 4N5

SAMPLE IDENTIFICATION: 36 ROCK samples received SEPTEMBER 17, 1990
PROJECT: V298

ET#	Description	W (%)
585 - 29	9091531	.14
585 - 34	9091604	.10
585 - 35	9091605	.12
585 - 36	9091606	.18

ECO-TECH LABORATORIES LTD.
JUTTA JEALOUSE
B.C. Certified Assayer

SC90/MPH

OSSBACHER LABORATORY LTD.

2225 S. Springer Ave., Burnaby,
British Columbia, Can. V5B 3N1
Ph:(604)299-6910 Fax:299-6252

CERTIFICATE OF ANALYSIS

: MPH CONSULTING LTD.
#2406-555 W. HASTINGS ST.
VANCOUVER, B.C.
OJECT : V298
YPE OF ANALYSIS : ASSAY

CERTIFICATE # : 90520.A
INVOICE # : 20072
DATE ENTERED : 90-10-26
FILE NAME : MPH90520.A
PAGE # : 1

SAMPLE NAME	oz/t Au	% Cu	% Zn
3503	0.014	0.59	7.12
3505	0.008	0.53	7.60
3506	0.007	0.06	1.13
3507	0.012	0.30	9.28
3511		0.23	
3514		0.69	
3515		0.96	
3516		0.17	

CERTIFIED BY :

RECEIVED NOV 2 - 1990

APPENDIX III

Certificates of Analysis and Assay

b) soil samples

ROSSBACHER LABORATORY LTD.

2225 S. Springer Ave., Burnaby,
British Columbia, Can. V5B 3N1
Ph:(604)299-6910 Fax:299-6252

CERTIFICATE OF ANALYSIS

TO : MPH CONSULTING LTD.
#2406-555 W. HASTINGS ST.
VANCOUVER, B.C.

PROJECT : V 298
TYPE OF ANALYSIS : ICP

CERTIFICATE # : 90427.I
INVOICE # : 10578
DATE ENTERED : 90-09-11
FILE NAME : MPH90427.I
PAGE # : 1

PRE FIX	SAMPLE NAME	PPM MO	PPM CU	PPM PB	PPM ZN	PPM AG	PPM NI	PPM CO	PPM MN	% FE	PPM AS	PPM U	PPM AU	PPM HG	PPM SR	PPM CD	PPM SB	PPM BI	PPM V	% CA	% P	PPM LA	PPM CR	% MG	PPM BA	% TI	PPM B	% AL	% NA	% SI	PPM W	PPM BE	PPB AA Au
S	L2W 000S	1	22	23	74	0.2	34	15	370	2.10	10	5	ND	ND	14	1	2	2	33	0.13	0.08	12	50	0.45	43	0.07	9	1.78	0.01	0.02	2	1	5
S	L2W 025S	2	66	26	107	0.1	57	23	493	4.15	10	5	ND	ND	8	1	5	2	23	0.09	0.07	34	39	0.63	75	0.02	5	1.52	0.01	0.01	3	1	5
S	L2W 075S	1	51	11	97	0.1	35	15	369	3.23	4	5	ND	ND	6	1	4	2	23	0.05	0.04	30	23	0.57	85	0.01	5	1.52	0.01	0.01	2	1	5
S	L2W 100S	2	26	16	88	0.2	16	7	193	2.77	2	5	ND	ND	10	1	2	2	27	0.10	0.09	19	10	0.31	66	0.05	5	1.80	0.01	0.02	2	1	5
S	L2W 125S	8	27	26	112	0.1	33	4	1531	2.32	2	5	ND	ND	41	1	2	2	21	0.52	0.07	30	5	0.22	130	0.16	5	4.57	0.01	0.03	1	1	5
S	L2W 150S	1	16	14	94	0.2	14	10	212	2.56	2	5	ND	ND	6	1	2	2	29	0.06	0.14	17	6	0.26	63	0.11	5	2.89	0.01	0.04	1	1	5
S	L2W 175S	1	16	12	83	0.1	14	10	140	2.91	2	5	ND	ND	7	1	2	2	31	0.05	0.11	16	5	0.20	71	0.08	5	3.14	0.01	0.04	1	1	5
S	L2W 200S	1	16	19	54	0.1	11	9	71	3.01	2	5	ND	ND	12	1	2	2	29	0.08	0.02	18	5	0.18	60	0.06	5	2.47	0.01	0.04	1	1	5
S	L2W 225S	1	11	9	38	0.1	5	3	62	1.19	4	5	ND	ND	4	1	2	2	22	0.03	0.01	15	1	0.12	17	0.04	5	0.43	0.01	0.01	1	1	5
S	L2W 250S	1	7	9	31	0.3	3	2	148	0.65	5	5	ND	ND	11	1	2	2	14	0.15	0.05	4	1	0.04	41	0.06	5	0.42	0.01	0.01	1	1	5
S	L2W 275S	1	10	11	48	0.1	6	10	87	1.37	2	5	ND	ND	7	1	2	2	25	0.06	0.02	9	21	0.05	49	0.06	5	2.05	0.01	0.03	1	1	5
S	L2W 300S	2	18	17	65	0.1	7	7	117	3.17	2	5	ND	ND	8	1	2	2	44	0.06	0.04	9	27	0.12	42	0.14	5	1.89	0.01	0.03	1	1	5
S	L2W 325S	1	47	24	118	0.1	44	16	269	3.61	18	5	ND	ND	8	1	2	2	28	0.08	0.04	27	52	0.77	61	0.02	5	1.93	0.01	0.01	1	1	5
S	L2W 350S	1	21	10	147	0.1	20	13	325	2.79	2	5	ND	ND	24	1	2	2	24	0.31	0.16	18	26	0.28	110	0.06	5	2.53	0.01	0.04	1	1	5
S	L2W 375S	1	36	51	122	0.1	38	17	419	3.01	5	5	ND	ND	7	1	2	2	23	0.07	0.06	29	36	0.54	89	0.04	5	2.10	0.01	0.03	1	1	5
S	L2W 400S	2	14	12	47	0.1	21	11	114	1.60	5	5	ND	ND	5	2	3	5	32	0.04	0.03	22	30	0.45	44	0.04	5	1.00	0.01	0.01	1	1	5
S	L2W 425S	2	29	24	95	0.1	28	16	284	2.72	2	5	ND	ND	8	1	2	3	26	0.08	0.05	29	24	0.42	87	0.03	5	1.78	0.01	0.02	1	1	5
S	L2W 550S	3	38	20	91	0.1	57	20	307	3.81	2	5	ND	ND	25	1	2	2	61	0.29	0.02	26	67	0.92	212	0.09	5	3.01	0.01	0.03	1	1	5
S	L2W 575S	3	23	16	69	0.3	21	15	4499	2.03	2	5	ND	ND	87	2	2	2	21	1.31	0.10	21	14	0.32	332	0.05	24	2.31	0.01	0.03	1	1	5
S	L2W 600S	3	14	11	86	0.1	16	14	816	2.18	4	5	ND	ND	22	1	2	2	29	0.23	0.02	20	15	0.29	93	0.06	5	1.59	0.01	0.01	1	1	5
S	L2W 625S	2	7	15	23	0.3	6	5	268	0.73	4	5	ND	ND	6	1	2	7	21	0.07	0.03	9	15	0.06	56	0.04	5	0.31	0.01	0.01	1	1	5
S	L2W 650S	1	23	6	118	0.1	33	12	378	3.59	2	5	ND	ND	8	1	2	2	37	0.08	0.18	20	52	0.66	108	0.07	5	2.61	0.01	0.02	1	1	5
S	L2W 675S	1	26	1	85	0.1	38	12	531	2.82	2	5	ND	ND	6	1	2	2	42	0.06	0.09	14	61	0.67	109	0.07	5	1.74	0.01	0.01	1	1	5
S	L2W 700S	1	19	10	93	0.1	28	11	235	2.95	2	5	ND	ND	10	1	2	2	33	0.10	0.08	18	32	0.49	97	0.05	5	1.60	0.01	0.01	1	1	5
S	L2W 725S	1	11	3	54	0.1	9	8	153	2.29	2	5	ND	ND	10	1	2	2	32	0.07	0.17	7	15	0.14	86	0.14	5	2.81	0.01	0.03	1	1	5
S	L4W 000S	1	50	18	109	0.1	52	22	478	3.77	5	5	ND	ND	11	1	2	2	28	0.13	0.09	25	36	0.73	77	0.02	5	1.81	0.01	0.01	1	1	5
S	L4W 025S	1	24	6	91	0.1	31	12	649	2.94	2	5	ND	ND	14	1	2	2	33	0.15	0.06	22	35	0.67	105	0.02	5	1.49	0.01	0.01	1	1	5
S	L4W 050S	1	18	9	116	0.1	28	10	2511	2.11	2	5	ND	ND	16	1	2	2	32	0.22	0.09	7	26	0.47	179	0.07	5	1.49	0.01	0.02	1	1	5
S	L4W 075S	1	35	34	141	0.1	44	10	551	4.54	2	5	ND	ND	10	1	2	2	19	0.11	0.15	19	17	0.35	115	0.06	5	2.99	0.01	0.04	1	1	5
S	L4W 100S	1	72	42	204	0.1	64	25	1592	5.65	2	5	ND	ND	12	1	2	2	18	0.19	0.10	23	17	0.34	117	0.03	5	1.14	0.01	0.01	1	1	5
S	L4W 125S	1	13	5	74	0.1	17	17	269	1.80	5	5	ND	ND	9	1	2	2	28	0.09	0.03	8	22	0.19	51	0.08	5	2.49	0.01	0.03	1	1	5
S	L4W 150S	1	14	9	108	0.1	18	10	791	2.08	3	5	ND	ND	9	1	2	2	30	0.08	0.06	12	27	0.31	109	0.08	5	1.78	0.01	0.02	1	1	5
S	L4W 200S	1	27	12	106	0.1	28	16	675	2.73	4	5	ND	ND	10	1	2	2	27	0.11	0.13	23	31	0.46	108	0.07	5	2.23	0.01	0.03	1	1	5
S	L4W 250S	1	88	24	122	0.1	94	35	509	4.75	14	5	ND	ND	7	1	2	2	17	0.09	0.06	44	45	0.99	51	0.01	5	1.79	0.01	0.01	1	1	5
S	L4W 275S	1	20	7	80	0.1	19	12	606	1.99	7	5	ND	ND	11	1	2	2	23	0.14	0.07	20	19	0.32	93	0.05	5	1.49	0.01	0.02	1	1	5
S	L4W 325S	3	11	47	60	0.1	4	5	181	2.84	3	5	ND	ND	10	1	2	2	35	0.17	0.05	9	15	0.07	66	0.14	7	1.87	0.01	0.03	1	1	5
S	L4W 350S	2	38	13	141	0.1	22	11	305	4.13	2	5	ND	ND	5	1	2	2	14	0.04	0.10	47	27	0.54	95	0.01	5	1.69	0.01	0.01	1	1	5
S	L4W 375S	1	22	19	161	0.1	23	13	262	3.71	2	5	ND	ND	6	1	2	2	39	0.05	0.22	36	36	0.69	119	0.07	5	2.73	0.01	0.02	1	1	5
S	L4W 400S	2	8	5	37	0.4	6	7	155	1.18	6	5	ND	ND	11	1	2	3	22	0.18	0.11	8	11	0.05	81	0.05	7	1.11	0.01	0.01	3	1	5
S	L4W 425S	1	13	17	142	0.1	13	13	116	2.38	7	5	ND	ND	9	2	2	6	35	0.08	0.13	13	24	0.23	125	0.12	5	2.83	0.01	0.03	2	1	5

CERTIFIED BY : F. Rossbach

RECEIVED SEP 17 1990

ROSSBACHER LABORATORY LTD.

2225 S. Springer Ave., Burnaby,
British Columbia, Can. V5B 3N1
Ph:(604)299-6910 Fax:299-6252

CERTIFICATE OF ANALYSIS

TO : MPH CONSULTING LTD.
#2406-555 W. HASTINGS ST.
VANCOUVER, B.C.
PROJECT : V 298
TYPE OF ANALYSIS : ICP

CERTIFICATE # : 90427.I
INVOICE # : 10578
DATE ENTERED : 90-09-11
FILE NAME : MPH90427.I
PAGE # : 2

PRE FIX	SAMPLE NAME	PPM MO	PPM CU	PPM PB	PPM ZN	PPM AG	PPM NI	PPM CO	PPM MN	% FE	PPM AS	PPM U	PPM AU	PPM HG	PPM SR	PPM CD	PPM SB	PPM BI	PPM V	% CA	% P	PPM LA	PPM CR	% MG	PPM BA	% TI	PPM B	% AL	% NA	% SI	PPM W	PPM BE	PPB AA Au
S	L4W 450S	2	20	20	54	0.5	16	8	49	0.70	17	5	ND	ND	104	3	4	7	17	1.94	0.06	7	19	0.15	226	0.04	31	0.91	0.01	0.01	4	1	5
S	L4W 475S	7	17	23	34	0.2	6	3	57	0.09	20	5	ND	5	163	2	2	8	6	3.71	0.07	5	11	0.09	272	0.01	112	0.11	0.01	0.01	5	1	5
S	L4W 500S	2	16	1	44	0.1	21	9	98	1.71	8	5	ND	ND	8	1	2	6	60	0.12	0.01	8	40	0.39	53	0.07	5	0.68	0.01	0.01	1	1	5
S	L4W 525S	2	48	8	174	0.2	44	6	1023	0.79	10	5	ND	ND	156	9	2	2	24	3.00	0.12	10	44	0.26	407	0.02	49	1.11	0.01	0.01	1	1	5
S	L4W 550S	1	42	10	173	0.1	59	17	1847	3.46	6	5	ND	ND	6	1	2	2	74	0.11	0.09	12	79	1.13	140	0.14	5	1.88	0.01	0.01	1	1	5
S	L4W 575S	1	17	14	77	0.1	12	8	176	2.32	7	5	ND	ND	8	1	2	2	46	0.08	0.09	5	24	0.22	135	0.16	5	1.28	0.01	0.02	1	1	5
S	L4W 600S	1	12	10	70	0.1	10	11	217	2.17	5	5	ND	ND	13	1	2	2	36	0.20	0.35	4	21	0.15	137	0.13	5	2.85	0.01	0.03	1	1	5
S	L4W 625S	1	19	10	105	0.1	41	16	489	2.97	6	5	ND	ND	13	1	2	2	48	0.24	0.24	12	40	0.51	158	0.15	5	3.00	0.01	0.03	1	1	5
S	L4W 650S	1	17	4	80	0.1	29	14	433	2.35	5	5	ND	ND	18	1	4	2	44	0.29	0.08	8	34	0.49	170	0.12	5	1.97	0.01	0.02	1	1	5
S	L4W 675S	1	29	15	155	0.1	55	18	300	4.71	2	5	ND	ND	14	1	2	2	85	0.19	0.22	15	75	0.97	214	0.13	5	2.62	0.01	0.01	1	2	5
S	L4W 700S	1	19	11	122	0.1	17	9	200	3.26	2	5	ND	ND	9	1	2	2	44	0.08	0.10	14	27	0.40	131	0.16	5	3.52	0.01	0.05	1	1	5
S	L4W 725S	1	17	8	85	0.1	18	11	145	2.82	2	5	ND	ND	7	1	2	5	35	0.06	0.14	22	26	0.42	124	0.05	5	2.29	0.01	0.02	1	1	5
S	L4W 750S	1	32	19	107	0.1	47	21	335	3.74	8	5	ND	ND	8	1	5	2	78	0.13	0.08	21	63	1.31	128	0.11	5	2.53	0.01	0.01	1	2	5
S	L6W 000S	1	16	11	133	0.1	19	9	408	2.56	2	5	ND	ND	13	1	3	2	30	0.13	0.18	10	15	0.19	101	0.12	5	4.32	0.01	0.03	1	1	5
S	L6W 025S	1	13	2	77	0.1	11	3	222	1.85	2	5	ND	ND	8	1	2	2	23	0.08	0.11	10	11	0.09	71	0.14	5	4.50	0.01	0.01	1	1	5
S	L6W 050S	1	26	26	137	0.1	26	15	373	3.73	14	5	ND	ND	8	1	7	2	31	0.07	0.25	17	22	0.39	94	0.06	5	1.84	0.01	0.02	1	1	5
S	L6W 075S	2	28	20	119	0.1	19	10	265	3.77	7	5	ND	ND	6	1	5	2	31	0.05	0.07	30	22	0.51	81	0.03	5	1.68	0.01	0.01	1	1	5
S	L6W 100S	2	67	56	163	0.1	52	24	930	4.58	16	5	ND	ND	7	1	2	2	24	0.10	0.10	31	30	0.76	73	0.02	5	1.90	0.01	0.02	1	1	5
S	L6W 125S	2	20	10	85	0.1	18	12	444	2.44	9	5	ND	ND	8	1	3	2	28	0.11	0.10	20	17	0.32	81	0.04	5	1.45	0.01	0.01	3	1	5
S	L6W 150S	2	17	16	78	0.1	15	10	781	2.00	4	5	ND	ND	10	1	2	2	24	0.11	0.11	19	22	0.28	99	0.04	5	0.98	0.01	0.01	1	1	5
S	L6W 175S	2	19	13	107	0.1	20	13	784	2.36	2	5	ND	ND	6	1	2	2	26	0.06	0.18	19	28	0.28	82	0.08	5	2.00	0.01	0.02	1	1	5
S	L6W 200S	2	32	19	128	0.1	32	17	861	2.73	3	5	ND	ND	10	1	2	3	26	0.10	0.15	25	30	0.41	122	0.05	5	2.04	0.01	0.02	3	1	5
S	L6W 225S	1	11	12	54	0.2	10	17	296	1.27	2	5	ND	ND	6	1	3	9	17	0.05	0.12	9	18	0.05	68	0.09	5	3.18	0.01	0.03	1	1	5
S	L6W 250S	2	21	29	118	0.1	18	14	466	2.69	5	5	ND	ND	9	1	11	15	34	0.10	0.35	20	27	0.20	111	0.12	5	4.37	0.01	0.02	1	1	5
S	L6W 275S	1	10	8	62	0.1	6	10	377	1.62	2	5	ND	ND	5	1	2	2	22	0.04	0.13	7	19	0.08	71	0.07	5	2.46	0.01	0.03	1	1	5
S	L6W 300S	1	14	3	112	0.1	14	8	347	2.33	2	5	ND	ND	10	1	2	2	26	0.11	0.23	7	23	0.10	76	0.16	5	6.18	0.01	0.01	1	2	5
S	L6W 325S	1	33	29	186	0.1	30	12	239	3.38	2	5	ND	ND	9	1	2	2	30	0.08	0.09	21	34	0.42	87	0.07	5	3.19	0.01	0.03	1	1	5
S	L6W 350S	1	39	65	269	0.1	29	19	438	3.85	2	5	ND	ND	8	1	3	2	29	0.08	0.12	26	31	0.40	140	0.04	5	2.64	0.01	0.02	1	1	5
S	L6W 375S	2	58	76	304	0.1	42	17	273	4.34	8	5	ND	ND	7	2	2	2	28	0.04	0.06	36	35	0.62	110	0.02	5	1.95	0.01	0.01	1	1	5
S	L6W 400S	1	24	20	91	0.1	17	11	133	2.02	2	5	ND	ND	3	2	2	2	22	0.03	0.07	14	22	0.18	50	0.07	5	2.18	0.01	0.04	1	1	5
S	L6W 425S	2	46	23	109	0.1	31	12	552	2.81	2	5	ND	ND	13	1	2	2	21	0.21	0.06	21	28	0.39	115	0.04	5	1.47	0.01	0.02	1	1	5
S	L6W 475S	2	40	17	99	0.1	31	13	575	2.60	2	5	ND	ND	11	1	2	2	31	0.17	0.10	19	34	0.48	99	0.06	5	1.76	0.01	0.02	1	1	5
S	L6W 500S	1	12	3	55	0.1	11	5	113	1.68	2	5	ND	ND	3	1	2	2	33	0.03	0.04	13	19	0.21	38	0.06	5	0.60	0.01	0.01	1	1	5
S	L6W 525S	1	27	19	112	0.1	25	13	708	2.80	2	5	ND	ND	12	1	3	2	40	0.13	0.06	25	24	0.20	144	0.16	5	2.61	0.01	0.02	1	1	5
S	L6W 550S	1	14	16	81	0.1	8	4	53	2.37	2	5	ND	ND	5	1	2	2	36	0.04	0.20	8	21	0.08	52	0.18	5	4.60	0.01	0.03	1	1	5
S	L6W 575S	1	20	14	79	0.1	15	7	123	2.18	2	5	ND	ND	19	1	2	2	27	0.26	0.07	15	21	0.12	130	0.14	5	3.67	0.01	0.03	1	1	5
S	L6W 600S	1	25	10	139	0.1	24	9	214	3.30	2	5	ND	ND	6	1	2	2	29	0.05	0.11	30	34	0.57	95	0.04	5	2.18	0.01	0.01	1	1	5
S	L6W 625S	2	24	16	150	0.1	24	9	261	3.77	2	5	ND	ND	9	1	2	2	41	0.09	0.10	29	40	0.73	127	0.08	5	2.51	0.01	0.01	1	1	5
S	L6W 650S	2	26	15	247	0.8	45	14	185	2.98	3	5	ND	ND	11	3	2	2	46	0.10	0.15	22	52	0.69	189	0.08	5	2.88	0.01	0.02	1	1	5
S	L6W 675S	2	43	16	185	0.1	66	11	244	3.57	3	5	ND	ND	9	1	2	2	54	0.11	0.16	24	58	0.98	176	0.08	5	3.17	0.01	0.02	1	1	5

CERTIFIED BY : C. Rossbach

ROSSBACHER LABORATORY LTD.

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CERTIFICATE OF ANALYSIS

TO : MPH CONSULTING LTD.
#2406-555 W. HASTINGS ST.
VANCOUVER, B.C.
PROJECT : V 298
TYPE OF ANALYSIS : ICP

CERTIFICATE # : 90427.I
INVOICE # : 10578
DATE ENTERED : 90-09-11
FILE NAME : MPH90427.I
PAGE # : 3

PRE FIX	SAMPLE NAME	PPM MO	PPM CU	PPM PB	PPM ZN	PPM AG	PPM NI	PPM CO	PPM MN	% FE	PPM AS	PPM U	PPM AU	PPM HG	PPM SR	PPM CD	PPM SB	PPM BI	PPM V	% CA	% P	PPM LA	PPM CR	% MG	PPM BA	% TI	PPM B	% AL	% NA	% SI	PPM W	PPM BE	PPB AA Au
S	L6W 700S	3	37	15	178	0.2	41	12	292	3.03	10	5	ND	ND	11	1	2	2	36	0.09	0.12	30	32	0.61	146	0.06	5	2.38	0.01	0.02	1	1	5
S	L6W 725S	3	18	15	191	0.1	23	11	157	2.92	2	5	ND	ND	6	1	2	2	41	0.05	0.16	20	24	0.41	121	0.09	5	2.85	0.01	0.03	2	1	5
S	L6W 750S	1	14	16	114	0.1	17	12	276	2.24	2	5	ND	ND	5	2	2	2	36	0.05	0.17	14	21	0.28	96	0.12	5	2.94	0.01	0.03	1	1	5
S	L6W 775S	2	11	16	71	0.2	12	10	257	1.88	2	5	ND	ND	6	1	2	6	30	0.05	0.09	15	17	0.15	94	0.09	5	2.17	0.01	0.02	2	1	5
S	L6W 800S	2	37	32	156	0.1	45	15	346	3.92	4	5	ND	ND	8	1	2	4	47	0.08	0.09	34	45	0.93	171	0.07	5	3.13	0.01	0.01	1	2	5
S	L6W 825S	2	26	16	122	0.1	56	16	327	3.42	26	5	ND	ND	6	1	2	2	54	0.08	0.18	17	54	0.78	124	0.14	5	4.03	0.01	0.02	1	1	5

CERTIFIED BY : J. Rossbach

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CERTIFICATE OF ANALYSIS

TO : MPH CONSULTING LTD.
#2406-555 W. HASTINGS ST.
VANCOUVER, B.C.
PROJECT : V 298
TYPE OF ANALYSIS : ICP

CERTIFICATE # : 90434I
INVOICE # : 10582
DATE ENTERED : 90-09-11
FILE NAME : MPH90434.I
PAGE # : 1

PRE FIX	SAMPLE NAME	PPM MO	PPM CU	PPM PB	PPM ZN	PPM AG	PPM NI	PPM CO	PPM MN	% FE	PPM AS	PPM U	PPM AU	PPM HG	PPM SR	PPM CD	PPM SB	PPM BI	PPM V	% CA	% P	PPM LA	PPM CR	% MG	PPM BA	% TI	PPM B	% AL	% NA	% SI	PPM W	PPM BE	PPB Au AA
S	L8W 000S	2	36	15	65	0.2	22	12	152	3.12	7	5	ND	ND	14	1	2	2	30	0.09	0.13	30	25	0.31	47	0.03	5	1.02	0.01	0.01	1	1	5
S	L8W 025S	2	38	8	91	0.2	27	14	161	3.12	4	5	ND	ND	7	1	2	2	30	0.05	0.07	29	26	0.53	49	0.02	5	1.26	0.01	0.01	1	1	5
S	L8W 050S	5	47	21	100	0.1	37	19	276	3.15	6	5	ND	ND	9	1	2	2	28	0.08	0.08	28	26	0.55	68	0.04	5	1.72	0.01	0.02	1	1	5
S	L8W 075S	2	22	25	106	0.1	23	16	357	2.59	4	5	ND	ND	10	1	2	2	28	0.07	0.14	17	18	0.29	96	0.07	5	2.59	0.01	0.06	4	1	5
S	L8W 100S	1	9	2	43	0.2	7	8	779	1.19	3	5	ND	ND	7	1	2	4	29	0.05	0.08	7	9	0.08	71	0.05	5	0.77	0.01	0.01	1	1	5
S	L8W 125S	1	13	11	90	0.1	10	12	626	1.85	4	5	ND	ND	20	1	2	2	25	0.23	0.35	10	13	0.17	124	0.07	5	1.46	0.01	0.02	1	1	5
S	L8W 150S	3	42	5	141	0.1	26	16	519	3.28	8	5	ND	ND	9	1	2	2	36	0.10	0.28	27	25	0.60	94	0.04	5	1.84	0.02	0.01	2	1	5
S	L8W 175S	2	47	11	183	0.2	45	21	1123	3.24	2	5	ND	ND	13	1	2	2	42	0.14	0.15	24	49	0.91	242	0.06	5	1.72	0.01	0.01	1	1	5
S	L8W 200S	2	10	1	64	0.1	8	10	366	1.42	4	5	ND	ND	9	1	2	2	30	0.10	0.12	6	4	0.13	58	0.10	5	1.46	0.01	0.03	1	1	5
S	L8W 225S	1	10	7	64	0.2	8	9	336	1.33	3	5	ND	ND	8	1	2	3	23	0.08	0.24	7	4	0.08	119	0.11	5	1.84	0.01	0.04	1	1	5
S	L8W 250S	1	16	11	105	0.1	10	12	1375	1.63	4	5	ND	ND	8	1	2	2	26	0.10	0.35	6	17	0.09	117	0.10	5	2.04	0.01	0.03	1	1	5
S	L8W 275S	3	12	12	91	0.1	9	11	297	1.98	6	5	ND	ND	12	1	2	2	34	0.14	0.39	7	21	0.17	107	0.12	5	2.28	0.01	0.04	1	1	5
S	L8W 300S	3	79	21	163	0.1	64	25	373	4.24	14	5	ND	ND	9	1	2	2	31	0.09	0.12	30	40	0.92	147	0.01	5	2.27	0.01	0.01	1	1	5
S	L8W 325S	2	12	7	75	0.1	8	11	563	1.74	7	5	ND	ND	16	1	2	2	22	0.16	0.42	6	13	0.10	116	0.14	5	3.22	0.01	0.03	1	1	5
S	L8W 350S	1	17	6	57	0.1	8	8	322	1.31	10	5	ND	ND	14	1	2	2	32	0.19	0.07	7	13	0.28	104	0.06	5	0.62	0.02	0.01	1	1	5
S	L8W 375S	3	39	19	98	0.1	31	15	318	3.31	7	5	ND	ND	8	1	2	2	42	0.09	0.08	27	30	0.86	99	0.03	5	1.97	0.03	0.01	1	1	5
S	L8W 400S	2	17	12	76	0.1	18	14	252	2.10	6	5	ND	ND	11	1	2	2	33	0.13	0.20	12	17	0.24	87	0.09	5	2.18	0.02	0.05	1	1	5
S	L8W 425S	1	28	12	81	0.1	26	12	275	2.68	8	5	ND	ND	8	1	2	2	29	0.08	0.12	20	23	0.57	89	0.04	5	1.78	0.01	0.01	1	1	5
S	L8W 450S	3	50	17	93	0.1	91	26	272	4.34	9	5	ND	ND	13	1	2	2	77	0.17	0.04	19	77	1.64	89	0.11	5	2.75	0.01	0.01	1	2	5
S	L8W 475S	2	47	12	103	0.1	56	25	335	3.89	7	5	ND	ND	17	1	2	2	74	0.19	0.09	15	34	0.99	136	0.13	5	3.10	0.01	0.03	1	2	5
S	L8W 500S	2	14	13	58	0.1	27	12	313	1.69	2	5	ND	ND	12	1	2	3	33	0.11	0.09	6	22	0.32	119	0.09	5	1.98	0.01	0.04	3	1	5
S	L8W 525S	3	23	28	91	0.1	31	17	1057	2.62	6	5	ND	ND	14	1	2	3	44	0.16	0.10	14	29	0.60	155	0.07	5	1.97	0.01	0.02	1	1	5
S	L8W 550S	3	23	16	79	0.1	25	16	253	2.53	2	5	ND	ND	12	1	2	4	39	0.09	0.08	17	21	0.45	110	0.05	5	2.15	0.08	0.02	1	1	5
S	L8W 575S	2	13	19	68	0.1	15	11	238	2.03	6	5	ND	ND	7	1	2	2	38	0.06	0.08	12	16	0.26	68	0.07	5	1.65	0.04	0.02	1	1	5
S	L8W 625S	2	29	19	103	0.1	27	17	420	2.90	3	5	ND	ND	18	1	2	2	48	0.19	0.11	17	25	0.63	102	0.06	5	2.25	0.02	0.03	1	1	5
S	L8W 675S	1	18	14	94	0.1	4	1	56	0.16	18	5	ND	ND	107	1	2	2	6	1.66	0.07	1	9	0.14	53	0.01	32	0.14	0.01	0.01	5	1	5
S	L8W 700S	3	19	12	42	0.1	18	9	77	3.65	3	5	ND	ND	9	1	2	2	58	0.05	0.05	14	27	0.33	83	0.08	5	1.53	0.01	0.01	2	1	5
S	L8W 725S	4	83	14	111	0.2	98	37	509	6.18	2	5	ND	ND	24	2	4	2	105	0.20	0.13	29	88	2.56	129	0.05	5	3.79	0.01	0.01	1	3	5
S	L8W 750S	3	11	13	25	0.1	6	5	35	1.65	4	5	ND	ND	11	1	2	2	28	0.06	0.13	5	5	0.08	55	0.15	5	3.25	0.01	0.04	1	1	5
S	L8W 775S	5	22	22	134	0.1	26	12	197	3.90	12	5	ND	ND	9	1	3	2	50	0.07	0.08	26	18	0.65	126	0.09	5	3.56	0.02	0.04	1	2	5
S	L8W 800S	4	24	11	108	0.1	19	15	155	3.44	11	5	ND	ND	11	1	4	2	40	0.07	0.06	19	17	0.35	129	0.08	5	3.80	0.03	0.05	2	2	5
S	L8W 825S	4	21	11	95	0.1	17	17	302	4.08	10	5	ND	ND	10	1	2	2	54	0.06	0.13	17	19	0.40	130	0.11	5	3.38	0.04	0.06	1	2	5
S	L10W 000S	3	37	10	104	0.1	33	17	383	3.24	8	5	ND	ND	12	1	2	2	41	0.14	0.22	18	26	0.55	208	0.06	5	2.19	0.02	0.04	2	1	5
S	L10W 025S	1	50	2	197	0.4	45	31	2646	3.47	10	5	ND	ND	29	1	2	2	58	0.42	0.46	20	32	0.63	342	0.05	5	1.91	0.02	0.02	1	2	5
S	L10W 050S	2	52	4	168	0.1	66	42	1726	5.03	11	5	ND	ND	35	1	3	2	92	0.50	0.41	22	40	1.26	333	0.12	5	2.65	0.01	0.02	2	2	5
S	L10W 075S	2	45	3	115	0.2	54	28	936	3.78	13	5	ND	ND	20	1	2	2	46	0.32	0.14	23	16	0.46	182	0.05	5	1.97	0.01	0.03	5	1	5
S	L10W 100S	3	121	16	192	0.5	147	71	1926	7.77	19	5	ND	ND	44	2	3	2	68	0.80	0.22	54	14	0.91	363	0.04	5	2.04	0.01	0.03	3	2	5
S	L10W 125S	4	46	17	84	0.1	39	19	479	3.51	4	5	ND	ND	12	1	2	2	49	0.13	0.09	25	10	0.65	123	0.06	5	1.84	0.06	0.01	3	1	5
S	L10W 150S	3	78	12	108	0.1	51	21	270	3.91	6	5	ND	ND	9	1	2	2	42	0.11	0.09	31	16	1.02	105	0.04	5	1.76	0.04	0.01	4	1	5
S	L10W 175S	1	15	16	64	0.6	14	11	738	1.77	5	5	ND	ND	8	1	5	5	31	0.08	0.16	11	12	0.23	89	0.06	5	1.07	0.01	0.01	1	1	5

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CERTIFICATE OF ANALYSIS

TO : MPH CONSULTING LTD.
#2406-555 W. HASTINGS ST.
VANCOUVER, B.C.

PROJECT : V 298
TYPE OF ANALYSIS : ICP

CERTIFICATE # : 90434I
INVOICE # : 10582
DATE ENTERED : 90-09-11
FILE NAME : MPH90434.I
PAGE # : 2

PRE FIX	SAMPLE NAME	PPM MO	PPM CU	PPM PB	PPM ZN	PPM AG	PPM NI	PPM CO	PPM MN	% FE	PPM AS	PPM U	PPM AU	PPM HG	PPM SR	PPM CD	PPM SB	PPM BI	PPM V	% CA	% P	PPM LA	PPM CR	% MG	PPM BA	% TI	PPM B	% AL	% NA	% SI	PPM W	PPM BE	PPB Au AA
S	L10W 200S	1	22	9	75	0.1	19	11	371	2.47	7	5	ND	ND	11	1	3	3	28	0.09	0.10	23	14	0.48	86	0.03	5	1.38	0.01	0.01	1	1	5
S	L10W 225S	1	11	18	54	0.1	8	11	458	1.66	12	5	ND	ND	6	1	7	2	26	0.04	0.16	10	12	0.14	74	0.08	5	1.56	0.01	0.03	1	1	5
S	L10W 250S	2	15	12	80	0.1	11	11	579	1.71	8	5	ND	ND	8	1	5	2	20	0.06	0.34	9	13	0.11	81	0.13	5	3.12	0.01	0.05	1	1	5
S	L10W 275S	2	19	17	93	0.2	11	14	646	2.57	8	5	ND	ND	6	1	2	2	30	0.04	0.44	12	14	0.18	85	0.12	5	3.07	0.01	0.05	1	1	5
S	L10W 300S	4	19	11	95	0.3	19	10	557	2.78	2	5	ND	ND	14	1	2	2	37	0.09	0.25	10	14	0.13	101	0.15	5	5.71	0.01	0.03	1	2	5
S	L10W 325S	3	24	7	75	0.7	22	16	280	2.13	12	5	ND	ND	10	1	4	2	23	0.09	0.19	15	16	0.21	84	0.14	5	4.24	0.03	0.04	1	1	5
S	L10W 350S	3	16	1	56	0.6	12	12	210	1.77	6	5	ND	ND	6	1	2	2	23	0.04	0.19	12	16	0.16	81	0.10	5	3.72	0.02	0.03	1	1	5
S	L10W 375S	2	17	11	90	0.1	10	6	162	3.05	2	5	ND	ND	9	1	2	2	37	0.07	0.41	9	17	0.11	66	0.16	5	5.78	0.04	0.02	1	2	5
S	L10W 400S	2	25	8	72	0.1	18	12	125	2.98	10	5	ND	ND	5	1	3	2	31	0.05	0.09	18	19	0.35	57	0.05	5	1.78	0.02	0.02	1	1	5
S	L10W 425S	1	16	10	72	0.6	12	8	361	2.07	13	5	ND	ND	5	1	2	6	33	0.04	0.23	9	17	0.19	67	0.08	5	1.89	0.01	0.04	3	1	5
S	L10W 450S	3	11	1	48	0.1	6	11	377	1.71	11	5	ND	ND	3	1	2	3	27	0.02	0.35	7	13	0.04	42	0.15	5	4.02	0.01	0.01	1	1	5
S	L10W 475S	3	23	4	85	0.2	13	12	240	3.65	11	5	ND	ND	6	1	2	2	45	0.03	0.23	10	21	0.20	87	0.12	5	4.30	0.01	0.01	1	2	5
S	L10W 500S	3	26	7	87	0.1	18	11	171	3.43	10	5	ND	ND	5	1	2	2	36	0.04	0.16	13	23	0.25	80	0.09	5	5.11	0.01	0.02	1	2	5
S	L10W 525S	3	13	13	51	0.1	8	9	73	2.83	13	5	ND	ND	3	1	2	2	48	0.02	0.28	7	16	0.09	44	0.17	5	4.51	0.01	0.02	1	1	5
S	L10W 550S	3	21	5	79	0.1	17	13	158	2.80	8	5	ND	ND	6	1	2	4	36	0.04	0.12	19	18	0.29	72	0.07	5	2.66	0.01	0.06	1	1	5
S	L10W 575S	3	21	9	76	0.4	14	11	161	3.14	11	5	ND	ND	11	1	2	4	42	0.11	0.17	12	18	0.21	85	0.13	5	3.47	0.03	0.04	1	1	5
S	L10W 600S	2	65	15	94	0.4	57	29	814	4.01	30	5	ND	ND	22	1	2	2	48	0.29	0.12	34	43	1.07	100	0.06	5	2.28	0.02	0.02	1	2	5
S	L10W 625S	1	37	8	82	0.1	29	17	410	2.85	16	5	ND	ND	13	1	2	5	39	0.15	0.06	24	21	0.58	84	0.07	5	1.91	0.04	0.02	1	1	5
S	L10W 650S	2	14	3	57	0.1	19	10	92	2.38	8	5	ND	ND	6	1	2	2	39	0.04	0.19	10	12	0.15	54	0.14	5	3.13	0.02	0.05	1	1	5
S	L10W 675S	2	20	10	80	0.2	16	11	124	2.86	7	5	ND	ND	6	1	2	4	39	0.04	0.09	16	21	0.30	62	0.05	5	1.94	0.01	0.02	1	1	5
S	L10W 700S	1	19	18	65	0.1	15	12	274	2.38	5	5	ND	ND	6	1	2	2	32	0.06	0.06	18	17	0.28	50	0.04	5	1.37	0.01	0.01	2	1	5
S	L10W 725S	4	16	9	79	0.1	18	10	233	2.50	5	5	ND	ND	6	1	2	2	30	0.04	0.11	13	17	0.20	84	0.11	5	4.20	0.01	0.03	1	1	5
S	L10W 750S	1	27	20	106	0.2	32	14	449	3.69	2	5	ND	ND	10	1	2	2	45	0.09	0.06	29	30	0.73	124	0.05	5	2.18	0.01	0.01	1	1	5
S	L10W 775S	3	26	16	120	0.1	35	16	258	4.69	8	5	ND	ND	9	1	4	2	63	0.07	0.03	31	34	0.96	129	0.09	5	3.12	0.01	0.01	1	2	5
S	L10W 800S	2	31	22	69	0.3	47	20	114	4.06	15	5	ND	ND	11	1	3	2	24	0.06	0.02	32	21	0.58	143	0.01	5	2.41	0.01	0.01	1	1	5
S	L20W 000S	2	12	8	104	0.1	12	9	152	1.94	4	5	ND	ND	8	1	2	2	30	0.08	0.13	9	12	0.20	51	0.10	5	2.61	0.01	0.05	1	1	5
S	L20W 025S	3	18	14	98	0.1	23	12	113	2.97	2	5	ND	ND	32	1	2	2	39	0.35	0.04	19	17	0.42	81	0.10	5	2.99	0.01	0.05	1	1	5
S	L20W 050S	3	17	5	75	0.1	30	10	106	2.36	2	5	ND	ND	11	1	2	2	23	0.10	0.06	10	13	0.21	52	0.13	5	4.83	0.01	0.03	1	1	5
S	L20W 075S	2	28	13	137	0.1	43	14	280	2.82	2	5	ND	ND	17	1	4	2	33	0.15	0.07	16	16	0.41	151	0.11	5	2.91	0.03	0.01	1	1	5
S	L20W 100S	2	15	1	106	0.3	22	14	273	1.78	10	5	ND	ND	9	1	2	2	22	0.06	0.12	9	18	0.20	62	0.10	5	3.33	0.02	0.05	1	1	5
S	L20W 125S	1	18	19	79	0.4	20	14	332	1.97	7	5	ND	ND	7	1	2	2	23	0.06	0.09	14	21	0.37	69	0.04	5	1.48	0.04	0.02	2	1	5
S	L20W 150S	2	13	13	75	0.3	21	12	337	1.82	11	5	ND	ND	8	1	2	2	23	0.06	0.17	10	17	0.19	52	0.07	5	1.98	0.03	0.04	2	1	5
S	L20W 175S	2	9	9	37	0.1	13	10	90	1.15	8	5	ND	ND	8	1	2	2	20	0.05	0.09	5	14	0.09	36	0.09	5	1.92	0.02	0.04	1	1	5
S	L20W 200S	4	47	17	136	0.4	42	16	245	4.40	10	5	ND	ND	10	1	2	2	24	0.06	0.12	16	23	0.36	80	0.04	5	2.17	0.04	0.02	1	1	5
S	L20W 225S	1	6	7	28	0.2	4	6	75	0.84	9	5	ND	ND	4	1	2	3	18	0.02	0.18	4	13	0.04	44	0.08	5	0.92	0.02	0.02	3	1	5
S	L20W 250S	2	24	16	78	0.4	24	14	489	2.10	10	5	ND	ND	9	1	2	2	23	0.08	0.15	16	22	0.38	73	0.06	5	1.42	0.01	0.02	2	1	5
S	L20W 275S	1	9	6	51	0.3	6	9	152	1.10	8	5	ND	ND	6	1	2	2	20	0.05	0.22	7	14	0.07	38	0.08	5	1.75	0.01	0.04	2	1	5
S	L20W 300S	1	10	4	46	0.4	9	8	228	1.22	8	5	ND	ND	7	1	2	2	22	0.06	0.10	7	17	0.13	52	0.07	5	0.99	0.01	0.02	2	1	5
S	L20W 325S	2	22	15	97	0.3	29	15	151	2.46	8	5	ND	ND	10	1	3	7	24	0.07	0.10	16	32	0.43	112	0.04	5	1.59	0.01	0.01	3	1	5
S	L20W 350S	2	41	11	81	0.2	46	20	329	3.17	12	5	ND	ND	12	1	2	2	41	0.13	0.08	17	49	0.81	112	0.04	5	1.96	0.01	0.01	2	1	5

CERTIFIED BY : Rossbach

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CERTIFICATE OF ANALYSIS

TO : MPH CONSULTING LTD.
#2406-555 W. HASTINGS ST.
VANCOUVER, B.C.

PROJECT : V 398
TYPE OF ANALYSIS : ICP

CERTIFICATE # : 904341
INVOICE # : 10582
DATE ENTERED : 90-09-11
FILE NAME : MPH90434.I
PAGE # : 3

PRE FIX	SAMPLE NAME	PPM MO	PPM CU	PPM PB	PPM ZN	PPM AG	PPM NI	PPM CO	PPM MN	% FE	PPM AS	PPM U	PPM AU	PPM HG	PPM SR	PPM CD	PPM SB	PPM BI	PPM V	% CA	% P	PPM LA	PPM CR	% MG	PPM BA	% TI	PPM B	% AL	% NA	% SI	PPM W	PPM BE	PPB Au AA
S	L20W 375S	1	25	22	71	0.2	22	13	153	2.61	10	5	ND	ND	5	1	6	2	29	0.05	0.11	18	29	0.44	65	0.03	5	1.13	0.01	0.01	2	1	5
S	L20W 400S	2	14	24	84	0.1	12	10	192	2.13	7	5	ND	ND	6	1	2	2	30	0.04	0.31	13	23	0.24	72	0.07	5	1.54	0.01	0.02	2	1	5
S	L20W 425S	2	19	13	180	0.2	24	10	251	2.38	14	5	ND	ND	22	1	2	2	24	0.22	0.09	10	22	0.18	89	0.11	5	3.35	0.01	0.05	1	1	5
S	L20W 450S	2	36	7	168	0.6	51	19	516	3.37	12	5	ND	ND	12	1	2	2	45	0.09	0.11	15	47	0.62	141	0.08	5	2.94	0.01	0.04	1	2	5
S	L20W 475S	1	46	25	86	0.2	26	13	233	2.76	11	5	ND	ND	10	1	2	2	19	0.13	0.11	25	22	0.50	43	0.01	5	1.11	0.03	0.01	1	1	5
S	L20W 500S	2	56	31	127	0.4	47	23	805	3.38	13	5	ND	ND	20	1	2	2	31	0.29	0.11	27	35	0.83	110	0.03	5	1.59	0.02	0.01	4	1	5
S	L20W 525S	3	90	27	155	0.3	64	30	795	4.65	16	5	ND	ND	27	1	4	2	48	0.39	0.15	37	40	1.34	99	0.06	5	1.98	0.04	0.01	2	1	5
S	L20W 550S	3	63	36	128	0.2	48	22	620	3.73	16	5	ND	ND	19	1	2	2	32	0.28	0.13	31	26	0.90	76	0.04	5	1.66	0.01	0.01	1	1	5
S	L20W 575S	2	47	23	121	0.2	37	20	419	3.21	14	5	ND	ND	12	1	2	7	32	0.16	0.14	25	27	0.68	81	0.04	5	1.61	0.01	0.01	2	1	5
S	L20W 600S	2	18	16	130	0.2	18	11	178	2.51	10	5	ND	ND	7	1	2	2	28	0.06	0.22	20	18	0.40	73	0.04	5	2.03	0.01	0.02	1	1	5
S	L20W 625S	1	43	23	131	0.3	42	21	565	3.34	10	5	ND	ND	28	1	2	2	41	0.40	0.14	22	36	0.84	107	0.05	5	2.01	0.01	0.02	2	1	5
S	L20W 650S	3	90	15	132	0.3	92	34	918	5.36	10	5	ND	ND	42	1	2	2	62	0.70	0.25	32	66	1.88	134	0.06	5	3.22	0.01	0.02	1	2	5
S	L20W 664S	12	84	23	415	1.3	76	32	1921	5.29	31	5	ND	ND	28	4	2	2	64	0.57	0.23	15	8	0.30	205	0.04	5	1.55	0.01	0.02	3	2	5

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CERTIFICATE OF ANALYSIS

TO : MPH CONSULTING LTD.
#2406-555 W. HASTINGS ST.
VANCOUVER, B.C.
PROJECT : V 298
TYPE OF ANALYSIS : ICP

CERTIFICATE # : 90435I
INVOICE # : 10582
DATE ENTERED : 90-09-11
FILE NAME : MPH90435.I
PAGE # : 1

PREFIX	SAMPLE NAME	PPM MO	PPM CU	PPM PB	PPM ZN	PPM AG	PPM NI	PPM CO	PPM MN	% FE	PPM AS	PPM U	PPM AU	PPM HG	PPM SR	PPM CD	PPM SB	PPM BI	PPM V	% CA	% P	PPM LA	PPM CR	% MG	PPM BA	% TI	PPM B	% AL	% NA	% SI	PPM W	PPM BE	PPB Au AA
S	L22W 000S	2	75	15	56	1.2	20	6	111	0.78	7	5	ND	ND	166	1	2	2	20	2.86	0.22	17	18	0.25	110	0.04	21	1.06	0.01	0.01	2	1	5
S	L22W 025S	3	24	25	122	0.1	29	14	190	2.70	5	5	ND	ND	16	1	2	2	26	0.18	0.14	12	33	0.28	100	0.10	5	3.59	0.01	0.05	1	2	5
S	L22W 050S	3	20	27	80	0.2	23	9	665	2.12	3	5	ND	ND	42	1	2	2	26	0.53	0.15	17	23	0.23	125	0.11	5	3.06	0.01	0.02	1	1	5
S	L22W 075S	2	16	9	82	0.1	15	12	317	2.33	4	5	ND	ND	7	1	2	2	28	0.04	0.13	16	24	0.26	70	0.06	5	1.72	0.02	0.03	1	1	5
S	L22W 100S	4	10	13	60	0.1	8	4	121	1.90	3	5	ND	ND	8	1	2	2	26	0.05	0.24	6	13	0.07	73	0.11	5	3.15	0.03	0.05	1	1	5
S	L22W 125S	3	16	17	100	1.0	24	3	269	1.74	12	5	ND	ND	52	1	2	2	25	0.68	0.10	10	18	0.23	117	0.14	5	3.56	0.02	0.06	1	1	5
S	L22W 150S	3	18	8	164	0.1	29	11	325	2.47	6	5	ND	ND	11	1	2	2	27	0.11	0.11	15	21	0.37	123	0.06	5	2.06	0.01	0.03	1	1	5
S	L22W 175S	1	11	11	80	0.1	21	9	292	1.56	7	5	ND	ND	10	1	2	2	25	0.09	0.09	9	12	0.18	47	0.07	5	1.50	0.01	0.03	1	1	5
S	L22W 200S	2	13	47	87	0.1	28	9	178	2.45	6	5	ND	ND	12	1	2	2	30	0.09	0.13	10	19	0.19	66	0.13	5	3.11	0.01	0.05	1	1	5
S	L22W 225S	2	11	15	78	0.1	12	9	399	1.88	7	5	ND	ND	11	1	2	2	28	0.09	0.26	7	13	0.14	64	0.12	5	2.16	0.03	0.04	1	1	5
S	L22W 250S	2	38	26	109	0.1	37	16	332	3.01	9	5	ND	ND	7	1	2	2	23	0.08	0.08	21	38	0.57	61	0.02	5	1.38	0.04	0.01	1	1	5
S	L22W 275S	2	35	7	101	0.1	30	14	390	2.98	8	5	ND	ND	9	1	3	2	24	0.08	0.10	16	30	0.47	60	0.03	5	1.36	0.02	0.01	1	1	5
S	L22W 300S	1	24	26	71	0.1	20	8	170	2.31	16	5	ND	ND	9	1	3	2	21	0.07	0.09	19	23	0.40	42	0.03	5	0.91	0.01	0.01	1	1	5
S	L22W 325S	1	11	16	82	0.1	14	5	236	2.12	3	5	ND	ND	12	2	2	2	28	0.10	0.24	14	18	0.24	108	0.08	5	2.84	0.01	0.05	1	1	5
S	L22W 350S	4	19	21	544	2.2	85	4	763	1.72	21	5	ND	ND	54	6	2	2	12	0.68	0.15	17	19	0.19	166	0.17	5	4.54	0.01	0.03	1	1	5
S	L22W 375S	2	12	21	299	1.5	13	2	139	1.03	4	5	ND	ND	44	3	2	2	17	0.55	0.27	6	13	0.16	162	0.11	9	2.85	0.01	0.05	1	1	5
S	L22W 400S	3	22	24	142	0.1	16	11	279	3.43	8	5	ND	ND	11	2	2	2	37	0.11	0.31	15	23	0.30	106	0.08	5	2.43	0.01	0.03	1	1	5
S	L22W 425S	3	18	24	140	0.1	18	9	133	3.45	4	5	ND	ND	9	1	2	2	35	0.06	0.13	18	23	0.38	68	0.06	5	1.94	0.01	0.03	1	1	5
S	L22W 450S	1	16	25	197	0.7	25	10	148	1.91	3	5	ND	ND	39	4	3	2	19	0.51	0.14	21	13	0.17	155	0.09	5	2.90	0.01	0.04	1	1	5
S	L22W 475S	2	13	21	214	0.4	15	15	403	2.43	5	5	ND	ND	11	3	2	2	28	0.10	0.30	12	15	0.23	108	0.10	5	2.87	0.01	0.05	1	1	5
S	L22W 500S	5	42	32	659	1.5	79	20	516	3.78	20	5	ND	ND	13	4	2	2	55	0.15	0.36	13	54	0.67	199	0.07	5	2.60	0.02	0.02	1	2	5
S	L22W 525S	1	17	21	205	0.2	22	10	357	2.40	6	5	ND	ND	8	3	2	2	24	0.10	0.23	15	21	0.39	105	0.05	5	1.55	0.03	0.02	1	1	5
S	L22W 550S	1	11	23	98	0.1	11	8	236	2.04	10	5	ND	ND	8	2	4	2	27	0.06	0.39	12	16	0.19	131	0.07	5	1.74	0.01	0.03	1	1	5
S	L22W 575S	2	44	29	86	0.1	34	16	324	3.15	8	5	ND	ND	8	1	2	2	22	0.09	0.09	29	24	0.61	87	0.02	5	1.32	0.01	0.01	1	1	5
S	L22W 600S	2	9	16	53	0.1	6	10	343	1.70	12	5	ND	ND	17	1	5	2	30	0.17	0.40	5	12	0.06	163	0.10	5	2.29	0.01	0.04	1	1	5
S	L22W 625S	2	36	23	256	0.5	56	26	5530	3.42	12	5	ND	ND	33	2	3	2	46	0.49	0.29	10	39	0.59	568	0.06	5	1.65	0.01	0.01	1	1	5
S	L22W 650S	2	25	20	121	0.4	27	16	1175	2.73	11	5	ND	ND	18	1	2	2	37	0.22	0.19	14	19	0.44	120	0.06	5	1.88	0.01	0.01	1	1	5
S	L22W 675S	2	47	26	135	0.2	39	22	1949	3.69	5	5	ND	ND	12	1	4	2	36	0.13	0.13	22	24	0.72	224	0.04	5	1.65	0.01	0.01	1	1	5
S	L22W 700S	2	50	29	145	0.1	44	20	404	3.85	8	5	ND	ND	22	2	2	2	37	0.29	0.14	24	21	0.72	145	0.04	5	1.81	0.02	0.01	1	1	5
S	L24W 000S	2	30	22	137	0.4	24	14	412	2.28	2	5	ND	ND	18	1	5	2	25	0.17	0.11	18	10	0.38	144	0.05	5	1.93	0.04	0.03	1	1	5
S	L24W 025S	2	10	19	104	0.2	10	8	715	1.65	9	5	ND	ND	13	2	2	2	30	0.14	0.11	5	15	0.14	87	0.10	5	1.46	0.03	0.03	1	1	5
S	L24W 050S	3	17	20	135	0.5	26	3	1400	1.98	4	5	ND	ND	28	2	2	2	34	0.28	0.08	8	19	0.20	146	0.15	5	3.19	0.02	0.04	1	2	5
S	L24W 075S	4	23	24	126	1.0	49	4	684	2.14	8	5	ND	ND	46	2	2	2	22	0.59	0.05	21	18	0.24	220	0.17	5	4.39	0.04	0.02	1	2	5
S	L24W 100S	2	15	18	131	0.2	18	9	323	2.01	9	5	ND	ND	11	1	2	5	26	0.11	0.05	14	19	0.27	78	0.06	5	1.17	0.01	0.01	2	1	5
S	L24W 125S	1	10	14	72	0.1	11	8	120	1.43	8	5	ND	ND	6	2	2	2	29	0.04	0.02	7	16	0.11	82	0.07	5	1.37	0.01	0.02	1	1	5
S	L24W 150S	1	8	21	72	0.1	2	1	12	0.08	16	5	ND	ND	70	2	2	2	3	1.15	0.07	1	12	0.11	43	0.01	47	0.08	0.01	0.01	3	1	5
S	L24W 175S	2	18	9	61	0.2	16	9	121	1.87	7	5	ND	ND	6	1	2	2	25	0.05	0.02	20	24	0.34	38	0.03	5	0.81	0.01	0.01	1	1	5
S	L24W 200S	2	12	10	104	0.6	8	5	287	1.74	5	5	ND	ND	12	1	2	2	26	0.10	0.26	6	18	0.09	114	0.14	5	2.97	0.01	0.04	1	1	5
S	L24W 225S	2	28	13	81	0.1	20	9	151	2.20	9	5	ND	ND	10	1	2	2	21	0.12	0.07	19	24	0.37	22	0.02	5	0.76	0.01	0.01	1	1	5
S	L24W 250S	2	62	21	137	0.4	46	15	741	2.09	23	5	ND	ND	194	3	4	6	23	3.46	0.10	13	28	0.54	444	0.02	60	0.94	0.01	0.01	5	1	5

CERTIFIED BY :

ROSSBACHER LABORATORY LTD.

2225 S. Springer Ave., Burnaby,
British Columbia, Can. V5B 3N1
Ph:(604)299-6910 Fax:299-6252

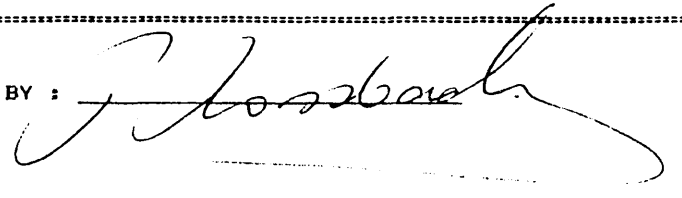
CERTIFICATE OF ANALYSIS

TO : MPH CONSULTING LTD.
#2406-555 W. HASTINGS ST.
VANCOUVER, B.C.

PROJECT : V 298
TYPE OF ANALYSIS : ICP

CERTIFICATE # : 90435I
INVOICE # : 10582
DATE ENTERED : 90-09-11
FILE NAME : MPH90435.I
PAGE # : 2

PRE FIL	SAMPLE NAME	PPM MO	PPM CU	PPM PB	PPM ZN	PPM AG	PPM NI	PPM CO	PPM MN	% FE	PPM AS	PPM U	PPM AU	PPM HG	PPM SR	PPM CD	PPM SB	PPM BI	PPM V	% CA	% P	PPM LA	PPM CR	% MG	PPM BA	% TI	PPM B	% AL	% NA	% SI	PPM W	PPM BE	PPB Au AA
S	L24W 275S	2	46	31	84	0.1	32	13	268	2.67	8	5	ND	ND	12	1	2	4	22	0.18	0.07	25	25	0.51	68	0.03	5	1.09	0.01	0.01	1	1	5
S	L24W 300S	5	51	26	552	0.6	182	13	3087	2.47	10	5	ND	ND	65	11	2	5	31	0.97	0.08	35	30	0.42	478	0.06	9	2.16	0.01	0.01	2	1	5
S	L24W 325S	2	24	22	107	0.2	23	9	151	2.23	5	5	ND	ND	11	2	2	8	35	0.12	0.07	15	21	0.29	70	0.04	5	0.67	0.01	0.01	1	1	5
S	L24W 350S	2	23	13	98	0.2	29	12	200	2.15	3	5	ND	ND	9	2	2	2	28	0.09	0.11	14	23	0.41	102	0.04	5	1.51	0.01	0.01	2	1	5
S	L24W 375S	2	17	13	96	0.1	14	8	153	2.07	6	5	ND	ND	9	1	2	5	28	0.09	0.14	12	16	0.18	78	0.09	5	2.15	0.01	0.04	1	1	5
S	L24W 400S	2	18	23	105	0.2	16	8	189	2.21	9	5	ND	ND	9	2	2	7	25	0.10	0.13	17	18	0.34	93	0.03	5	1.33	0.01	0.01	2	1	5
S	L24W 425S	2	18	12	101	0.2	21	10	405	2.53	9	5	ND	ND	17	2	2	2	31	0.22	0.23	17	23	0.38	125	0.07	5	1.88	0.02	0.02	1	1	5
S	L24W 450S	1	15	11	84	0.1	20	10	229	1.97	6	5	ND	ND	8	1	2	5	28	0.07	0.16	15	18	0.34	69	0.07	5	1.90	0.03	0.03	1	1	5
S	L24W 475S	1	10	20	76	0.1	12	7	125	1.62	3	5	ND	ND	9	1	2	5	28	0.07	0.21	10	15	0.19	70	0.08	5	1.46	0.01	0.02	1	1	5
S	L24W 500S	1	21	10	124	0.1	33	12	461	2.53	6	5	ND	ND	23	1	5	2	31	0.23	0.16	15	36	0.48	100	0.06	5	1.40	0.01	0.01	3	1	5
S	L24W 525S	1	11	3	131	0.1	9	8	416	1.28	10	5	ND	ND	7	3	4	2	24	0.08	0.12	7	16	0.14	71	0.05	5	1.33	0.01	0.03	1	1	5
S	L24W 550S	3	67	35	212	0.2	57	20	495	3.77	12	5	ND	ND	10	2	3	2	30	0.12	0.17	25	34	0.64	101	0.03	5	1.66	0.02	0.02	1	1	5
S	L24W 575S	4	43	23	214	0.2	54	20	532	3.90	22	5	ND	ND	28	3	5	2	52	0.43	0.27	17	40	0.76	147	0.02	5	1.33	0.01	0.01	3	1	5
S	L24W 600S	3	49	25	258	0.3	65	25	521	3.91	17	5	ND	ND	12	2	5	2	48	0.14	0.23	18	34	0.75	122	0.04	5	2.15	0.01	0.01	1	2	5
S	L24W 625S	2	30	14	141	0.3	37	16	452	2.93	11	5	ND	ND	7	1	3	2	37	0.07	0.13	13	21	0.50	88	0.04	5	1.44	0.01	0.01	3	1	5
S	L24W 650S	2	37	15	168	0.4	44	15	351	2.97	11	5	ND	ND	24	2	2	2	36	0.27	0.25	18	19	0.46	123	0.09	5	2.50	0.03	0.04	3	1	5
S	L24W 675S	1	52	13	90	0.1	45	18	273	3.32	12	5	ND	ND	7	1	4	2	28	0.05	0.07	22	19	0.76	64	0.02	5	1.37	0.02	0.01	2	1	5
S	L24W 700S	3	141	8	216	0.3	145	42	1338	5.19	17	5	ND	ND	56	3	2	2	75	0.77	0.26	39	73	1.52	245	0.05	5	3.45	0.04	0.01	1	2	5
S	L24W 725S	3	38	15	139	0.1	39	13	199	2.65	14	5	ND	ND	9	2	2	2	28	0.10	0.19	18	2	0.32	47	0.11	5	3.35	0.02	0.03	1	1	5
S	L24W 750S	9	118	113	263	0.6	100	32	613	5.83	67	5	ND	ND	11	3	2	2	20	0.30	0.13	22	5	0.23	200	0.03	5	1.27	0.01	0.01	3	1	20
S	L24W 800S	2	40	13	106	0.1	58	18	235	3.45	4	5	ND	ND	9	2	2	2	50	0.11	0.09	18	38	1.09	122	0.05	5	1.86	0.02	0.01	2	1	5
S	L24W 825S	2	38	22	109	0.1	40	17	356	3.02	4	5	ND	ND	13	1	2	2	29	0.18	0.14	19	18	0.69	87	0.03	5	1.79	0.03	0.03	1	1	5
S	L24W 850S	2	40	21	90	0.1	36	13	194	3.04	6	5	ND	ND	10	1	2	2	26	0.09	0.08	21	12	0.52	78	0.02	5	1.21	0.02	0.01	1	1	5
S	L24W 875S	2	26	33	215	0.1	34	20	2795	3.35	4	5	ND	ND	16	1	2	2	41	0.13	0.26	13	13	0.43	530	0.08	5	1.53	0.01	0.01	1	1	5

CERTIFIED BY : 

ROSSBACHER LABORATORY LTD.

2225 S. Springer Ave., Burnaby,
British Columbia, Can. V5B 3N1
Ph:(604)299-6910 Fax:299-6252

CERTIFICATE OF ANALYSIS

TO : MPH CONSULTING LTD.
#2406-555 W. HASTINGS ST.
VANCOUVER, B.C.

PROJECT : V 298
TYPE OF ANALYSIS : ICP

CERTIFICATE # : 90443
INVOICE # : 10582
DATE ENTERED : 90-09-13
FILE NAME : MPH90443.I
PAGE # : 1

PRE FIX	SAMPLE NAME	PPM MO	PPM CU	PPM PB	PPM ZN	PPM AG	PPM NI	PPM CO	PPM MN	% FE	PPM AS	PPM U	PPM AU	PPM HG	PPM SR	PPM CD	PPM SB	PPM BI	PPM V	% CA	% P	PPM LA	PPM CR	% MG	PPM BA	% TI	PPM B	% AL	% NA	% SI	PPM W	PPM BE	AA Au
S	L0B 000N	2	27	11	217	0.4	39	3	492	2.52	7	5	ND	ND	19	1	2	2	40	0.14	0.30	25	28	0.35	139	0.14	5	2.48	0.02	0.03	1	2	5
S	L0B 025N	1	40	9	169	0.1	41	1	445	3.20	2	5	ND	ND	15	1	2	2	33	0.10	0.18	30	28	0.56	124	0.06	5	2.24	0.04	0.01	1	1	5
S	L0B 050N	1	22	17	93	0.1	21	2	194	2.17	5	5	ND	ND	20	1	2	2	37	0.22	0.15	16	15	0.28	74	0.08	5	1.44	0.05	0.01	1	1	5
S	L0B 075N	1	11	7	107	0.1	16	1	422	1.59	2	5	ND	ND	19	1	2	2	31	0.19	0.20	7	7	0.12	100	0.13	5	2.26	0.03	0.03	1	1	5
S	L0B 100N	1	10	1	102	0.1	20	1	556	1.51	3	5	ND	ND	10	1	2	2	29	0.08	0.20	8	6	0.15	104	0.11	5	1.97	0.02	0.03	1	1	5
S	L0B 125N	1	14	7	120	0.1	42	2	747	1.70	2	5	ND	ND	13	1	2	2	30	0.11	0.14	12	9	0.25	117	0.11	5	1.99	0.01	0.02	1	1	5
S	L0B 150N	2	27	20	149	0.1	38	8	999	2.71	5	5	ND	ND	24	1	2	2	42	0.27	0.10	20	17	0.52	142	0.08	5	1.69	0.01	0.01	1	1	5
S	L0B 175N	4	11	12	69	0.1	31	1	319	1.50	7	5	ND	ND	14	1	2	2	30	0.14	0.13	8	19	0.12	73	0.11	5	2.08	0.01	0.03	1	1	5
S	L0B 200N	1	49	16	125	0.1	65	4	463	3.99	4	5	ND	ND	26	1	2	2	46	0.27	0.03	31	28	1.01	109	0.12	5	2.55	0.01	0.01	1	2	5
S	L0B 225N	1	19	19	210	0.1	31	5	2230	2.30	3	5	ND	ND	21	1	2	2	32	0.19	0.17	19	4	0.38	174	0.08	5	2.09	0.03	0.02	1	1	5
S	L0B 250N	1	28	16	291	0.1	69	10	711	3.03	20	5	ND	ND	18	1	2	2	44	0.12	0.21	16	23	0.42	266	0.16	5	3.53	0.02	0.01	1	2	5
S	L0B 275N	1	35	11	172	0.1	64	1	490	2.83	2	5	ND	ND	33	1	2	2	46	0.31	0.01	19	20	0.41	182	0.13	5	2.86	0.05	0.01	1	2	5
S	L0B 300N	1	30	12	104	0.1	32	1	271	3.79	2	5	ND	ND	16	1	2	2	41	0.15	0.03	37	18	0.55	71	0.06	5	2.01	0.02	0.01	1	1	5
S	L0B 025S	1	8	12	56	0.1	10	1	255	1.20	2	5	ND	ND	9	1	2	2	28	0.08	0.05	6	4	0.08	38	0.10	5	1.58	0.02	0.04	1	1	5
S	L0B 050S	1	19	9	130	0.2	28	1	166	2.61	2	5	ND	ND	15	1	2	2	38	0.13	0.18	10	11	0.21	105	0.19	5	4.66	0.01	0.01	1	2	5
S	L0B 075S	1	20	25	232	0.1	60	6	681	2.86	3	5	ND	ND	18	1	2	2	44	0.15	0.09	20	14	0.37	155	0.12	7	2.88	0.01	0.02	1	2	5
S	L0B 100S	1	13	8	122	0.1	22	1	617	1.71	4	5	ND	ND	12	1	2	2	29	0.11	0.21	7	7	0.16	87	0.13	5	2.93	0.01	0.04	1	1	5
S	L0B 125S	1	11	11	77	0.1	17	1	375	1.51	2	5	ND	ND	15	1	2	2	28	0.18	0.16	8	5	0.11	82	0.12	7	2.46	0.01	0.04	1	1	5
S	L0B 150S	1	16	14	167	0.2	40	1	316	2.91	2	5	ND	ND	19	1	2	2	41	0.15	0.26	16	13	0.32	142	0.13	9	3.13	0.01	0.04	1	2	5
S	L0B 175S	1	12	10	148	0.1	18	1	1024	1.69	2	5	ND	ND	10	1	2	2	27	0.09	0.38	9	4	0.10	143	0.15	7	3.61	0.01	0.01	1	1	5
S	L0B 200S	2	19	17	125	0.1	32	2	290	1.94	5	5	ND	ND	15	1	2	3	28	0.15	0.15	16	17	0.32	93	0.08	5	1.99	0.02	0.02	1	1	5
S	L0B 225S	1	18	22	156	0.2	26	7	386	2.30	5	5	ND	ND	11	1	2	6	37	0.11	0.10	23	21	0.53	83	0.08	11	1.49	0.04	0.01	1	1	5
S	L0B 250S	2	13	56	133	0.5	26	1	713	1.72	2	5	ND	ND	14	1	2	3	29	0.13	0.13	16	12	0.26	108	0.12	7	2.30	0.03	0.03	1	1	5
S	L2WB 025N	2	20	9	136	0.1	46	30	419	2.37	2	5	ND	ND	11	1	2	2	36	0.08	0.09	12	12	0.20	73	0.12	5	2.40	0.03	0.04	1	1	5
S	L2WB 050N	1	16	12	103	0.1	30	3	344	1.94	2	5	ND	ND	14	1	2	3	35	0.13	0.04	14	13	0.25	98	0.10	5	1.64	0.02	0.01	1	1	5
S	L2WB 075N	2	39	15	146	0.4	62	5	752	3.34	2	5	ND	ND	27	1	2	2	49	0.25	0.06	33	19	0.44	175	0.10	5	2.25	0.01	0.01	1	2	5
S	L2WB 100N	2	11	12	109	0.3	21	5	566	1.99	2	5	ND	ND	16	1	2	6	45	0.15	0.09	15	8	0.18	126	0.11	5	1.44	0.01	0.02	1	1	5
S	L2WB 125N	3	10	14	99	0.1	17	3	487	1.74	2	5	ND	ND	23	1	2	7	35	0.16	0.22	11	7	0.15	153	0.12	5	2.00	0.01	0.04	1	1	5
S	L2WB 150N	2	6	14	74	0.1	12	2	448	1.24	2	5	ND	ND	12	1	2	4	29	0.08	0.23	6	6	0.09	95	0.08	5	1.33	0.01	0.02	1	1	5
S	L2WB 175N	2	16	13	110	0.4	44	3	269	2.11	2	5	ND	ND	19	1	2	3	34	0.16	0.09	17	12	0.29	154	0.12	5	2.54	0.01	0.03	1	1	5
S	L2WB 200N	2	14	12	116	0.1	48	1	253	2.00	5	5	ND	ND	16	1	2	2	29	0.14	0.08	13	15	0.28	151	0.11	5	2.49	0.02	0.03	1	1	5
S	L2WB 225N	2	22	21	164	0.1	46	8	473	2.69	10	5	ND	ND	23	1	2	2	38	0.18	0.12	19	29	0.51	230	0.11	5	2.13	0.04	0.01	1	1	5
S	L2WB 250N	1	18	18	129	0.1	40	4	353	2.22	4	5	ND	ND	27	1	2	2	34	0.24	0.15	11	17	0.28	110	0.13	5	2.44	0.03	0.04	1	1	5
S	L2WB 275N	2	14	13	149	0.2	34	4	691	1.95	5	5	ND	ND	18	1	2	2	32	0.14	0.08	13	11	0.28	147	0.12	5	2.31	0.05	0.02	1	1	5
S	L2WB 300N	1	30	11	99	0.1	30	6	215	2.85	4	5	ND	ND	11	1	2	2	38	0.08	0.03	42	14	0.50	88	0.03	5	1.64	0.01	0.01	1	1	5
S	L2WB 325N	1	15	16	125	0.1	29	2	498	2.21	2	5	ND	ND	22	1	2	2	32	0.18	0.10	18	9	0.30	152	0.10	5	2.34	0.01	0.03	1	1	5
S	L2WB 350N	1	26	12	131	0.1	48	7	428	3.02	2	5	ND	ND	27	1	2	2	42	0.24	0.11	26	15	0.49	217	0.14	5	3.93	0.01	0.03	1	2	5
S	L2WB 050S	2	16	11	143	0.4	33	4	370	2.21	4	5	ND	ND	28	1	2	2	36	0.29	0.19	14	8	0.27	135	0.14	5	2.70	0.01	0.03	1	1	5
S	L2WB 075S	1	40	20	107	0.4	31	8	236	2.58	7	5	ND	ND	13	1	4	2	37	0.13	0.07	24	14	0.57	82	0.06	5	1.43	0.01	0.01	1	1	5
S	L2WB 100S	1	40	5	165	0.3	61	10	446	3.75	4	5	ND	ND	21	1	2	2	41	0.20	0.10	28	23	0.80	139	0.07	5	2.64	0.01	0.01	1	2	5

CERTIFIED BY : G. Rossbacher

RECEIVED SEP 17 1990

ROSSBACHER LABORATORY LTD.

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CERTIFICATE OF ANALYSIS

TO : MPH CONSULTING LTD.
#2406-555 W. HASTINGS ST.
VANCOUVER, B.C.
PROJECT : V 298
TYPE OF ANALYSIS : ICP

CERTIFICATE # : 90443
INVOICE # : 10582
DATE ENTERED : 90-09-13
FILE NAME : MPH90443.I
PAGE # : 2

PRE FIX	SAMPLE NAME	PPM MO	PPM CU	PPM PB	PPM ZN	PPM AG	PPM NI	PPM CO	PPM MN	% FE	PPM AS	PPM U	PPM AU	PPM HG	PPM SR	PPM CD	PPM SB	PPM BI	PPM V	% CA	% P	PPM LA	PPM CR	% MG	PPM BA	% TI	PPM B	% AL	% NA	% SI	PPM W	PPM BE	AA Au
S	L2WB 125S	2	15	3	152	0.2	29	7	790	2.71	2	5	ND	ND	8	1	2	2	33	0.07	0.08	35	15	0.64	135	0.03	5	1.62	0.01	0.01	1	1	5
S	L2WB 150S	1	16	3	218	0.4	27	1	947	2.06	3	5	ND	ND	16	1	2	2	34	0.13	0.41	13	7	0.23	275	0.12	5	3.06	0.01	0.04	1	1	5
S	L2WB 175S	2	15	1	177	0.2	30	1	619	2.35	4	5	ND	ND	12	1	2	2	34	0.11	0.35	14	9	0.31	190	0.13	5	3.27	0.02	0.02	1	1	5
S	L2WB 200S	2	15	15	219	0.2	29	6	1044	1.91	2	5	ND	ND	12	1	2	2	33	0.11	0.16	16	10	0.39	198	0.09	5	1.63	0.02	0.01	1	1	5
S	L2WB 225S	2	12	5	186	0.4	28	1	907	1.52	2	5	ND	ND	15	1	2	2	27	0.14	0.22	10	5	0.15	146	0.13	5	2.65	0.04	0.03	1	1	5
S	L2WB 250S	2	18	11	126	0.3	28	5	534	2.06	2	5	ND	ND	15	1	2	2	29	0.13	0.15	23	9	0.35	118	0.06	5	1.56	0.04	0.02	1	1	5
S	L2WB 275S	1	10	2	62	0.4	14	1	538	1.21	5	5	ND	ND	23	1	2	2	30	0.22	0.18	7	4	0.06	110	0.11	5	1.82	0.04	0.02	1	1	5
S	L2WB 300S	3	37	11	82	0.4	31	7	192	2.87	2	5	ND	ND	7	1	2	2	26	0.06	0.06	29	14	0.53	64	0.03	5	1.20	0.04	0.01	1	1	5
S	L2WB 325S	1	22	19	95	0.4	30	2	395	2.35	2	5	ND	ND	10	1	2	2	26	0.09	0.16	18	10	0.32	115	0.07	5	2.07	0.02	0.04	1	1	5
S	L2WB 350S	1	11	11	55	0.4	18	1	342	1.57	5	5	ND	ND	11	1	2	2	29	0.06	0.35	6	7	0.05	94	0.15	5	3.27	0.03	0.04	1	1	5
S	L2WB 375S	1	16	15	142	0.1	35	4	474	2.07	5	5	ND	ND	21	1	2	2	33	0.19	0.28	17	14	0.31	194	0.10	5	2.45	0.01	0.04	1	1	5
S	L2WB 400S	2	24	8	111	0.1	43	3	222	3.25	5	5	ND	ND	13	1	2	3	38	0.11	0.26	24	19	0.52	160	0.07	5	2.97	0.01	0.05	3	2	5
S	L2WB 425S	3	31	21	87	0.1	33	8	410	2.53	4	5	ND	ND	14	1	2	7	30	0.15	0.14	27	15	0.50	90	0.04	5	1.42	0.01	0.02	1	1	5
S	L2WB 450S	2	52	30	92	0.1	41	10	503	3.41	5	5	ND	ND	15	1	4	5	32	0.19	0.10	41	17	0.74	66	0.04	5	1.39	0.01	0.01	1	1	5
S	L12W 000S	1	12	20	112	0.1	19	2	3468	2.10	3	5	ND	ND	19	1	2	2	30	0.21	0.33	15	6	0.28	270	0.08	5	1.46	0.01	0.01	1	1	5
S	L12W 025S	2	17	22	97	0.1	17	4	596	2.36	9	5	ND	ND	12	1	2	2	30	0.10	0.25	19	7	0.28	180	0.08	5	1.30	0.06	0.01	1	1	5
S	L12W 050S	2	33	16	161	0.2	43	5	1231	3.24	14	5	ND	ND	14	1	2	2	36	0.12	0.36	30	14	0.59	237	0.06	5	2.35	0.08	0.03	2	1	5
S	L12W 075S	2	20	22	119	0.3	18	5	1274	2.16	13	5	ND	ND	30	1	2	3	29	0.46	0.32	17	4	0.24	196	0.08	5	1.81	0.03	0.03	1	1	5
S	L12W 100S	1	16	24	105	0.6	16	7	2680	1.91	3	5	ND	ND	13	1	2	4	29	0.12	0.47	13	5	0.19	255	0.09	5	1.65	0.01	0.02	1	1	5
S	L12W 125S	1	31	15	115	0.1	29	6	1247	3.16	8	5	ND	ND	20	1	2	2	30	0.21	0.13	35	17	0.59	173	0.02	5	1.66	0.01	0.01	1	1	5
S	L12W 150S	1	18	14	166	0.2	26	3	1564	2.15	5	5	ND	ND	26	1	2	2	31	0.29	0.31	15	9	0.21	212	0.09	5	2.27	0.01	0.04	1	1	5
S	L12W 175S	3	39	16	108	0.1	29	8	2849	2.97	5	5	ND	ND	19	1	4	2	24	0.16	0.07	41	12	0.53	164	0.02	5	1.17	0.01	0.01	1	1	5
S	L12W 200S	2	9	12	59	0.1	8	5	1489	1.25	10	5	ND	ND	22	1	4	2	31	0.23	0.15	9	5	0.08	135	0.07	5	0.70	0.01	0.01	1	1	5
S	L12W 225S	2	9	10	64	0.4	9	1	305	1.51	4	5	ND	ND	10	1	2	2	31	0.06	0.45	8	5	0.06	85	0.11	5	2.09	0.02	0.05	1	1	5
S	L12W 250S	2	14	16	67	0.2	12	1	461	2.03	2	5	ND	ND	8	1	2	2	30	0.06	0.27	8	8	0.13	103	0.15	5	2.99	0.04	0.03	1	1	5
S	L12W 275S	1	10	8	50	0.1	13	3	274	1.96	6	5	ND	ND	6	1	2	2	36	0.05	0.18	7	8	0.12	47	0.12	5	1.12	0.03	0.02	1	1	5
S	L12W 300S	1	17	9	77	0.1	34	6	325	3.04	8	5	ND	ND	12	1	6	2	43	0.09	0.15	16	19	0.44	83	0.07	5	2.07	0.02	0.02	1	1	5
S	L12W 325S	2	65	16	97	0.1	61	13	301	3.89	7	5	ND	ND	9	1	2	2	31	0.06	0.08	34	19	0.75	89	0.03	5	1.98	0.05	0.01	1	1	5
S	L12W 350S	2	48	11	90	0.1	36	11	228	3.51	10	5	ND	ND	7	1	4	2	28	0.05	0.11	30	10	0.50	81	0.02	5	1.57	0.01	0.01	2	1	5
S	L12W 375S	3	35	19	130	0.2	38	7	355	3.43	6	5	ND	ND	14	1	2	2	37	0.09	0.11	30	17	0.61	152	0.07	5	2.69	0.01	0.03	1	1	5
S	L12W 400S	1	11	13	82	0.1	14	1	407	2.41	2	5	ND	ND	8	1	2	2	38	0.06	0.26	6	8	0.16	75	0.17	5	3.95	0.02	0.02	1	1	5
S	L12W 425S	2	16	5	81	0.2	13	3	664	2.30	4	5	ND	ND	6	1	2	2	30	0.05	0.22	16	9	0.25	87	0.07	5	1.55	0.01	0.02	1	1	5
S	L12W 450S	2	21	7	78	0.1	15	1	244	2.93	7	5	ND	ND	7	1	2	2	36	0.07	0.44	14	9	0.24	92	0.12	5	3.28	0.01	0.04	1	1	5
S	L12W 475S	2	26	11	83	0.1	20	4	160	3.05	7	5	ND	ND	9	1	2	2	37	0.11	0.08	29	12	0.46	80	0.02	5	1.39	0.01	0.01	1	1	5
S	L12W 500S	2	16	11	85	0.1	10	1	111	2.40	5	5	ND	ND	5	1	2	2	35	0.05	0.26	13	6	0.23	75	0.14	5	2.99	0.02	0.02	1	1	5
S	L12W 525S	2	6	4	38	0.2	5	3	66	1.10	3	5	ND	ND	5	1	2	2	27	0.04	0.04	11	4	0.10	53	0.06	5	0.51	0.02	0.01	1	1	5
S	L12W 550S	1	12	17	54	0.1	12	4	106	1.84	4	5	ND	ND	16	1	2	2	29	0.21	0.05	14	7	0.16	50	0.06	5	1.64	0.02	0.04	1	1	5
S	L12W 575S	2	22	9	115	0.4	36	1	247	2.73	5	5	ND	ND	45	1	2	2	36	0.46	0.07	24	10	0.27	116	0.16	5	4.47	0.02	0.04	3	2	5
S	L12W 600S	2	64	9	105	0.1	44	15	1875	5.84	2	5	ND	ND	53	1	6	2	40	0.38	0.11	37	17	0.81	217	0.06	5	1.84	0.02	0.02	4	2	5
S	L812W 025N	2	28	5	81	0.2	39	10	268	2.83	3	5	ND	ND	16	1	5	2	37	0.14	0.04	28	16	0.70	74	0.06	5	1.87	0.01	0.01	1	1	5

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CERTIFICATE OF ANALYSIS

TO : MPH CONSULTING LTD.
#2406-555 W. HASTINGS ST.
VANCOUVER, B.C.

PROJECT : V 298
TYPE OF ANALYSIS : ICP

CERTIFICATE # : 90443
INVOICE # : 10582
DATE ENTERED : 90-09-13
FILE NAME : MPH90443.I
PAGE # : 3

PRE FIX	SAMPLE NAME	PPM MO	PPM CU	PPM PB	PPM ZN	PPM AG	PPM NI	PPM CO	PPM MN	% FE	PPM AS	PPM U	PPM AU	PPM HG	PPM SR	PPM CD	PPM SB	PPM BI	PPM V	% CA	% P	PPM LA	PPM CR	% MG	PPM BA	% TI	PPM B	% AL	% NA	% SI	PPM W	PPM BE	AA Au
S	LB12W 050N	1	15	6	76	0.2	43	11	197	1.97	2	5	ND	ND	15	1	2	2	38	0.10	0.04	11	11	0.34	120	0.11	5	1.82	0.01	0.01	1	1	5
S	LB12W 075N	2	13	8	72	0.4	28	5	332	1.60	2	5	ND	ND	18	1	2	2	29	0.14	0.23	9	4	0.14	78	0.14	5	2.78	0.01	0.03	2	1	5
S	LB12W 100N	1	18	7	87	0.1	56	6	263	2.44	2	5	ND	ND	26	1	2	2	32	0.23	0.09	17	8	0.31	130	0.12	5	3.00	0.01	0.02	1	1	5
S	LB12W 125N	1	11	1	63	0.2	25	1	367	1.63	2	5	ND	ND	29	1	2	2	24	0.26	0.15	8	3	0.14	78	0.14	5	3.19	0.01	0.02	1	1	5
S	LB12W 150N	1	11	4	71	0.1	30	3	348	1.70	2	5	ND	ND	25	1	2	2	31	0.23	0.15	10	6	0.19	90	0.12	5	1.93	0.01	0.03	1	1	5
S	LB12W 175N	1	14	1	82	0.1	28	2	379	1.73	2	5	ND	ND	28	1	2	2	23	0.29	0.24	12	5	0.18	100	0.14	5	3.00	0.01	0.02	1	1	5
S	LB12W 200N	1	15	1	96	0.2	39	6	366	1.97	2	5	ND	ND	15	1	2	2	33	0.15	0.11	13	7	0.22	90	0.12	5	2.05	0.01	0.02	1	1	5
S	LB12W 225N	1	22	5	92	0.1	61	9	347	2.58	2	5	ND	ND	26	1	2	2	38	0.24	0.10	16	11	0.38	130	0.13	5	2.47	0.03	0.03	1	1	5
S	LB12W 250N	1	18	12	78	0.1	55	9	249	2.23	5	5	ND	ND	21	1	2	2	32	0.22	0.08	11	14	0.32	116	0.13	5	2.58	0.04	0.04	2	1	5
S	LB12W 275N	1	22	4	142	0.1	58	7	324	2.66	2	5	ND	ND	27	1	2	2	33	0.32	0.16	14	13	0.41	151	0.15	5	2.93	0.01	0.04	5	1	5
S	LB12W 300N	1	15	1	98	0.1	50	5	201	2.36	2	5	ND	ND	21	1	2	2	33	0.19	0.09	10	13	0.33	163	0.14	5	2.94	0.01	0.03	2	1	5
S	LB12W 000S	1	16	7	112	0.1	72	7	341	2.57	5	5	ND	ND	28	1	2	2	33	0.22	0.20	9	15	0.43	110	0.13	5	2.73	0.01	0.02	1	1	5
S	LB12W 025S	1	10	8	58	0.1	22	6	546	1.52	3	5	ND	ND	21	1	2	2	29	0.21	0.21	4	7	0.24	88	0.08	5	1.38	0.01	0.02	1	1	5
S	LB12W 050S	1	11	12	85	0.3	37	6	529	2.04	9	5	ND	ND	32	1	2	2	33	0.34	0.43	9	9	0.29	130	0.13	5	2.37	0.03	0.04	2	1	5
S	LB12W 075S	1	12	5	97	0.3	45	8	370	1.76	5	5	ND	ND	34	1	2	2	32	0.28	0.11	11	10	0.32	130	0.11	5	2.19	0.04	0.02	1	1	5
S	LB12W 100S	1	18	13	100	0.1	43	14	456	2.82	9	5	ND	ND	22	1	2	2	37	0.22	0.15	22	17	0.68	143	0.07	5	2.32	0.02	0.02	4	1	5
S	LB12W 125S	1	20	11	98	0.1	49	8	278	2.74	5	5	ND	ND	20	1	2	2	35	0.25	0.15	23	11	0.51	142	0.10	5	3.04	0.01	0.03	3	1	5
S	LB12W 150S	1	11	1	85	0.4	34	1	265	1.73	5	5	ND	ND	37	1	2	2	32	0.43	0.20	7	2	0.14	121	0.16	5	2.40	0.01	0.03	2	1	5
S	LB12W 175S	2	12	12	76	0.2	28	6	222	1.70	6	5	ND	ND	15	1	2	2	31	0.15	0.17	8	20	0.19	84	0.10	5	1.99	0.01	0.04	1	1	5
S	LB12W 200S	1	23	6	85	0.2	35	12	353	2.49	12	5	ND	ND	18	1	2	2	31	0.21	0.13	22	30	0.51	105	0.08	5	2.17	0.01	0.03	1	1	5
S	LB12W 225S	2	19	7	79	0.4	31	9	246	2.11	8	5	ND	ND	12	1	2	2	30	0.12	0.17	17	21	0.34	110	0.08	5	2.22	0.01	0.04	1	1	5
S	LB12W 250S	2	18	5	113	0.1	35	9	398	2.14	5	5	ND	ND	20	1	2	2	33	0.21	0.26	11	17	0.26	116	0.12	5	2.80	0.01	0.04	1	1	5
S	LB12W 275S	2	23	13	125	0.3	38	10	443	2.02	5	5	ND	ND	23	1	2	2	27	0.27	0.17	14	16	0.35	131	0.09	5	2.17	0.01	0.02	1	1	5
S	LB12W 300S	1	23	13	167	0.4	44	10	589	2.28	10	5	ND	ND	22	1	2	2	34	0.27	0.19	13	15	0.29	125	0.11	5	2.48	0.01	0.03	1	1	5
S	LB12W 325S	2	13	7	119	0.3	22	7	508	1.60	4	5	ND	ND	20	1	2	2	34	0.21	0.10	9	8	0.17	113	0.09	5	1.75	0.01	0.01	1	1	5
S	LB12W 350S	2	14	13	120	0.1	30	5	676	1.99	11	5	ND	ND	27	1	2	2	28	0.26	0.26	15	10	0.28	188	0.09	5	2.10	0.03	0.03	1	1	5
S	LB12W 400S	2	24	4	103	0.1	44	8	386	2.53	4	5	ND	ND	23	1	2	2	37	0.20	0.15	16	11	0.41	203	0.13	5	3.04	0.06	0.03	1	1	5
S	LB12W 425S	2	16	7	74	0.1	39	6	437	1.73	2	5	ND	ND	18	1	2	2	28	0.17	0.09	7	11	0.15	146	0.11	5	2.28	0.02	0.02	1	1	5
S	LB12W 450S	3	78	6	94	0.1	54	17	376	4.43	8	5	ND	ND	14	1	3	2	27	0.17	0.04	25	27	0.56	80	0.02	5	1.66	0.04	0.01	1	1	5
S	LB12W 475S	1	20	6	115	0.5	34	5	307	1.91	7	5	ND	ND	24	1	2	2	26	0.25	0.18	11	10	0.19	124	0.14	5	3.15	0.01	0.01	1	1	5
S	LB12W 500S	2	16	3	120	0.5	27	6	399	1.77	6	5	ND	ND	20	1	2	2	26	0.18	0.18	8	8	0.15	154	0.15	5	3.09	0.01	0.02	1	1	5
S	LB12W 525S	1	14	11	99	0.3	30	5	379	1.63	4	5	ND	ND	19	1	2	2	31	0.18	0.12	7	10	0.18	102	0.11	5	2.13	0.01	0.02	1	1	5
S	LB12W 550S	1	24	13	114	0.1	43	4	232	2.26	5	5	ND	ND	37	1	2	2	28	0.29	0.11	13	15	0.37	234	0.13	5	3.24	0.02	0.01	1	1	5
S	LB12W 575S	1	19	4	116	0.1	35	6	220	2.11	4	5	ND	ND	19	1	2	2	28	0.14	0.05	13	11	0.34	145	0.08	5	2.52	0.03	0.01	1	1	5
S	LB12W 600S	2	78	34	105	0.1	45	12	239	3.23	19	5	ND	ND	14	1	3	2	25	0.13	0.06	33	20	0.66	59	0.03	5	1.34	0.04	0.01	1	1	5
S	LB12W 625S	2	22	11	116	0.2	31	6	252	1.84	4	5	ND	ND	23	1	2	2	25	0.21	0.05	14	8	0.34	149	0.09	5	2.18	0.01	0.01	1	1	5
S	LB12W 650S	2	29	17	137	0.3	33	13	687	2.67	4	5	ND	ND	16	1	2	2	32	0.13	0.05	21	24	0.54	131	0.06	5	1.87	0.01	0.01	1	1	5
S	LB12W 675S	2	39	13	107	0.4	36	10	236	2.82	2	5	ND	ND	22	1	2	2	30	0.16	0.09	21	18	0.52	185	0.08	5	2.44	0.01	0.01	1	1	5
S	LB12W 700S	1	21	11	88	0.3	22	2	166	1.61	2	5	ND	ND	24	1	2	2	19	0.20	0.11	8	7	0.20	82	0.11	5	2.65	0.02	0.01	1	1	5
S	LB12W 725S	1	8	3	89	0.1	13	3	415	1.69	2	5	ND	ND	14	1	2	2	53	0.12	0.10	5	7	0.12	58	0.12	5	1.03	0.02	0.01	1	1	5

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CERTIFICATE OF ANALYSIS

TO : MPH CONSULTING LTD.
#2406-555 W. HASTINGS ST.
VANCOUVER, B.C.
PROJECT : V 298
TYPE OF ANALYSIS : ICP

CERTIFICATE # : 90443
INVOICE # : 10582
DATE ENTERED : 90-09-13
FILE NAME : MPH90443.I
PAGE # : 4

PREFIX	SAMPLE NAME	Mo PPM	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Ni PPM	Co PPM	Mn PPM	Fe %	As PPM	U PPM	Au PPM	Hg PPM	Sr PPM	Cd PPM	Sb PPM	Bi PPM	V PPM	Ca %	P %	La PPM	Cr PPM	Mg %	Ba PPM	Ti %	B PPM	Al %	Na %	K %	W PPM	Be PPM	Au AA
S	L812W 750S	2	42	5	115	0.2	42	8	223	2.93	2	5	ND	ND	22	1	2	2	29	0.15	0.08	25	18	0.60	199	0.07	5	2.61	0.02	0.01	1	1	5
S	L812W 775S	2	80	12	174	0.4	90	18	485	4.77	2	5	ND	ND	13	1	2	2	47	0.13	0.07	26	60	1.75	109	0.08	5	2.76	0.02	0.01	2	1	5
S	L14W 000S	2	29	12	92	0.3	37	12	226	3.28	2	5	ND	ND	14	1	2	2	36	0.12	0.09	31	5	0.48	123	0.06	5	1.91	0.02	0.01	1	1	5
S	L14W 025S	2	38	11	87	0.4	33	12	484	2.82	10	5	ND	ND	13	1	4	2	29	0.14	0.10	30	5	0.53	105	0.04	5	1.58	0.02	0.01	1	1	5
S	L14W 050S	2	37	8	85	0.4	62	16	311	3.31	5	5	ND	ND	8	1	2	2	48	0.08	0.08	30	18	0.83	127	0.05	5	1.82	0.01	0.01	1	1	5
S	L14W 075S	1	20	13	72	0.3	28	9	229	2.53	2	5	ND	ND	8	1	2	2	42	0.09	0.09	19	3	0.33	114	0.09	5	1.87	0.01	0.02	1	1	5
S	L14W 100S	2	15	6	67	0.3	22	6	894	1.91	4	5	ND	ND	11	1	2	2	31	0.10	0.11	17	11	0.28	99	0.07	5	1.36	0.03	0.01	1	1	5
S	L14W 125S	2	22	12	68	0.1	28	11	269	2.40	5	5	ND	ND	10	1	2	6	41	0.09	0.07	16	14	0.37	74	0.07	5	1.36	0.04	0.01	1	1	5
S	L14W 150S	2	39	12	89	0.3	36	10	201	3.19	7	5	ND	ND	7	1	2	4	27	0.04	0.05	46	14	0.64	58	0.02	5	1.48	0.02	0.01	1	1	5
S	L14W 175S	2	34	11	78	0.4	26	8	152	2.80	9	5	ND	ND	8	1	5	5	30	0.05	0.08	36	11	0.43	42	0.03	5	1.14	0.01	0.01	1	1	5
S	L14W 200S	3	56	13	107	0.4	62	16	363	4.17	9	5	ND	ND	9	1	2	2	42	0.07	0.08	41	24	1.01	83	0.03	5	2.27	0.01	0.01	2	2	5
S	L14W 225S	5	71	44	117	0.4	55	21	790	4.47	24	5	ND	ND	16	1	5	5	35	0.19	0.13	54	14	0.85	90	0.03	5	1.70	0.03	0.01	1	1	5
S	L14W 250S	3	53	43	147	0.5	43	20	1033	3.63	20	5	ND	ND	31	1	2	2	31	0.37	0.14	35	9	0.60	134	0.04	5	1.84	0.01	0.01	5	1	5
S	L14W 275S	2	19	14	156	0.6	25	9	414	2.30	10	5	ND	ND	40	1	2	2	28	0.33	0.14	19	3	0.20	105	0.17	5	4.11	0.01	0.02	2	1	5
S	L14W 300S	9	42	45	120	0.5	47	11	220	4.75	11	5	ND	ND	12	1	2	2	46	0.10	0.07	41	11	0.63	58	0.01	5	1.87	0.01	0.01	1	1	5
S	L14W 325S	4	54	21	103	0.3	30	7	203	3.80	7	5	ND	ND	14	1	2	3	34	0.13	0.12	44	3	0.43	54	0.03	5	1.29	0.05	0.01	1	1	5
S	L14W 350S	4	42	18	104	0.7	40	10	277	3.26	3	5	ND	ND	33	1	2	2	30	0.22	0.07	34	10	0.37	149	0.09	5	2.55	0.02	0.01	2	1	5
S	L14W 375S	3	63	19	123	0.8	46	10	716	2.98	4	5	ND	ND	84	1	2	2	33	0.71	0.12	59	14	0.45	167	0.10	5	2.95	0.01	0.03	5	2	5
S	L14W 400S	3	35	19	99	0.2	29	12	443	3.28	7	5	ND	ND	28	1	2	2	32	0.28	0.08	38	11	0.60	102	0.03	5	1.59	0.01	0.01	1	1	5
S	L14W 425S	2	23	8	187	0.4	16	1	418	3.27	2	5	ND	ND	9	1	2	2	42	0.09	0.34	15	7	0.22	112	0.17	5	5.57	0.01	0.02	3	2	5
S	L14W 450S	2	15	14	71	0.4	8	1	87	3.15	5	5	ND	ND	5	1	2	2	48	0.03	0.36	26	6	0.21	50	0.08	5	3.15	0.01	0.03	1	2	5
S	L14W 475S	3	32	13	130	0.5	30	12	343	3.32	2	5	ND	ND	8	1	2	2	38	0.06	0.15	29	10	0.47	106	0.07	5	2.46	0.01	0.02	1	2	5
S	L14W 500S	2	10	7	46	0.3	7	1	72	1.89	2	5	ND	ND	5	1	2	2	45	0.04	0.17	9	3	0.08	42	0.13	5	2.66	0.01	0.02	1	1	5
S	L14W 525S	2	21	8	140	1.0	19	1	161	3.49	5	5	ND	ND	8	1	6	2	46	0.06	0.22	21	9	0.40	119	0.13	5	5.18	0.01	0.01	2	2	5
S	L14W 550S	2	23	4	101	0.2	17	3	221	3.99	2	5	ND	ND	8	1	2	2	52	0.05	0.25	27	8	0.43	119	0.12	5	3.75	0.01	0.02	1	2	5
S	L14W 575S	2	20	15	94	0.2	22	5	194	2.81	2	5	ND	ND	15	1	2	2	33	0.13	0.23	19	6	0.28	99	0.09	5	3.78	0.03	0.02	1	2	5
S	L14W 600S	3	20	2	80	0.1	16	4	113	3.46	3	5	ND	ND	7	1	2	2	53	0.03	0.16	30	11	0.33	76	0.11	5	2.22	0.02	0.02	1	1	5
S	L18W 000S	1	6	1	33	0.1	7	4	247	0.81	5	5	ND	ND	7	1	2	2	23	0.07	0.05	13	6	0.13	37	0.04	5	0.42	0.04	0.01	1	1	5
S	L18W 025S	3	21	7	127	0.4	33	11	405	2.59	5	5	ND	ND	9	1	4	2	32	0.08	0.12	27	15	0.52	101	0.06	5	1.85	0.01	0.01	1	1	5
S	L18W 050S	3	37	5	142	0.1	40	13	372	3.07	8	5	ND	ND	9	1	3	2	31	0.08	0.14	32	15	0.63	103	0.05	5	2.06	0.01	0.01	1	1	5
S	L18W 075S	2	9	14	50	0.1	8	3	260	0.87	5	5	ND	ND	23	1	2	2	21	0.25	0.07	10	5	0.12	92	0.03	5	0.34	0.01	0.01	1	1	5
S	L18W 100S	2	19	14	142	0.4	29	6	352	2.72	2	5	ND	ND	13	1	2	2	33	0.10	0.30	22	10	0.28	90	0.09	5	2.99	0.02	0.03	1	1	5
S	L18W 125S	2	9	5	58	0.1	11	4	134	1.27	2	5	ND	ND	7	1	2	2	26	0.04	0.06	19	7	0.17	49	0.05	5	0.59	0.01	0.01	1	1	5
S	L18W 150S	2	23	21	134	0.5	33	12	616	2.84	2	5	ND	ND	15	1	2	2	29	0.13	0.16	28	13	0.42	96	0.06	5	1.88	0.03	0.02	1	1	5
S	L18W 175S	3	33	13	168	0.5	34	10	726	3.17	6	5	ND	ND	20	1	2	2	34	0.20	0.15	35	16	0.72	149	0.05	5	1.91	0.02	0.01	1	1	5
S	L18W 200S	2	20	3	186	0.4	27	10	410	2.50	2	5	ND	ND	11	1	2	2	33	0.10	0.19	18	14	0.37	145	0.04	5	1.69	0.01	0.01	1	1	5
S	L18W 225S	2	18	7	223	0.5	37	13	388	2.41	2	5	ND	ND	13	1	2	2	40	0.11	0.16	17	22	0.60	109	0.08	5	1.95	0.01	0.02	1	1	5
S	L18W 250S	2	11	1	78	0.2	13	7	269	1.72	2	5	ND	ND	9	1	2	2	31	0.09	0.05	18	8	0.30	72	0.05	5	1.02	0.01	0.01	1	1	5
S	L18W 275S	1	11	8	57	0.9	9	4	180	1.37	13	5	ND	ND	6	1	16	2	27	0.05	0.13	13	7	0.16	49	0.06	5	0.47	0.01	0.01	1	1	5
S	L18W 300S	3	59	29	194	0.5	46	11	652	4.27	17	5	ND	ND	11	1	2	2	30	0.10	0.21	39	17	0.74	103	0.02	5	1.71	0.01	0.01	2	1	5

CERTIFIED BY : J. Rossbach

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CERTIFICATE OF ANALYSIS

TO : MPH CONSULTING LTD.
#2406-555 W. HASTINGS ST.
VANCOUVER, B.C.

PROJECT : V 298
TYPE OF ANALYSIS : ICP

CERTIFICATE # : 90443
INVOICE # : 10582
DATE ENTERED : 90-09-13
FILE NAME : MPH90443.I
PAGE # : 5

PRE FIX	SAMPLE NAME	PPM MO	PPM CU	PPM PB	PPM ZN	PPM AG	PPM NI	PPM CO	PPM MN	% FE	PPM AS	PPM U	PPM AU	PPM HG	PPM SR	PPM CD	PPM SB	PPM BI	PPM V	% CA	% P	PPM LA	PPM CR	% MG	PPM BA	% TI	PPM B	% AL	% NA	% SI	PPM W	PPM BE	AA Au
S	L18W 325S	2	20	1	90	0.2	20	5	749	1.97	2	5	ND	ND	10	1	2	2	24	0.09	0.21	11	6	0.17	105	0.11	5	2.70	0.01	0.04	1	1	5
S	L18W 350S	2	48	19	125	0.2	45	11	261	3.69	3	5	ND	ND	8	1	2	2	28	0.09	0.10	32	17	0.81	103	0.03	5	1.82	0.01	0.01	1	1	5
S	L18W 375S	2	28	9	145	0.1	34	14	382	3.11	2	5	ND	ND	10	1	2	2	32	0.12	0.13	24	13	0.59	97	0.05	5	1.36	0.03	0.01	1	1	5
S	L18W 400S	1	7	1	38	0.2	7	3	902	0.67	2	5	ND	ND	7	1	2	2	17	0.06	0.06	4	1	0.07	80	0.04	5	0.39	0.02	0.01	1	1	5
S	L18W 425S	2	8	5	62	0.4	10	5	291	1.43	2	5	ND	ND	8	1	2	2	31	0.11	0.07	14	5	0.20	81	0.06	5	0.87	0.01	0.01	1	1	5
S	L18W 450S	2	27	18	234	0.1	36	14	470	3.37	2	5	ND	ND	9	1	2	2	38	0.11	0.18	22	17	0.51	193	0.08	5	2.53	0.01	0.03	2	1	5
S	L18W 475S	2	18	17	94	0.1	19	9	771	2.17	2	5	ND	ND	7	1	2	2	34	0.09	0.14	17	10	0.30	86	0.07	5	1.49	0.01	0.02	1	1	5
S	L18W 500S	MISSING SAMPLE																															
S	L18W 525S	2	7	8	50	0.1	6	4	118	1.10	2	5	ND	ND	7	1	2	2	25	0.09	0.09	7	7	0.08	50	0.08	5	0.96	0.02	0.02	1	1	5
S	L18W 550S	2	9	5	49	0.1	9	4	73	1.73	4	5	ND	ND	8	1	2	2	35	0.06	0.06	14	10	0.17	67	0.09	5	0.87	0.03	0.01	1	1	5
S	L18W 575S	2	37	7	129	0.1	45	14	447	3.92	2	5	ND	ND	14	1	2	2	57	0.18	0.19	24	32	0.99	141	0.08	5	2.14	0.02	0.01	2	2	5
S	L18W 600S	1	17	9	77	0.1	19	5	272	2.30	2	5	ND	ND	16	1	2	2	40	0.19	0.17	13	12	0.31	73	0.11	5	2.23	0.01	0.04	1	1	5
S	L22W 725S	2	38	19	136	0.1	44	16	807	3.87	9	5	ND	ND	22	1	2	2	48	0.39	0.20	23	23	0.73	145	0.07	5	2.36	0.01	0.01	2	2	5
S	L22W 750S	2	27	16	127	0.1	41	14	674	3.29	2	5	ND	ND	12	1	2	2	30	0.11	0.13	25	11	0.57	202	0.05	5	1.97	0.01	0.01	1	1	5
S	L22W 775S	1	33	4	118	0.4	83	18	212	3.85	4	5	ND	ND	8	1	2	2	56	0.10	0.14	26	44	1.35	104	0.09	5	2.37	0.04	0.01	3	2	5
S	L26W 000S	2	13	48	136	0.3	19	9	1300	1.91	11	5	ND	ND	13	1	2	2	34	0.14	0.17	10	7	0.18	104	0.10	5	1.88	0.01	0.04	2	1	5
S	L26W 025S	2	33	11	146	0.5	34	14	1028	3.23	8	5	ND	ND	15	1	5	2	35	0.17	0.22	30	16	0.65	120	0.04	5	1.64	0.01	0.01	1	1	5
S	L26W 050S	1	9	4	93	0.1	11	6	908	1.41	3	5	ND	ND	9	1	5	2	24	0.09	0.33	8	6	0.15	129	0.07	5	1.29	0.01	0.02	1	1	5
S	L26W 075S	1	9	9	70	0.1	12	6	763	1.34	6	5	ND	ND	20	1	2	4	27	0.19	0.15	7	6	0.13	122	0.09	5	1.15	0.02	0.02	1	1	5
S	L26W 100S	2	13	6	77	0.6	24	7	410	2.03	2	5	ND	ND	21	1	2	2	28	0.23	0.18	10	8	0.20	100	0.14	5	3.83	0.01	0.04	2	1	5
S	L26W 125S	4	58	13	152	0.5	65	2	2364	3.60	6	5	ND	ND	68	1	2	2	43	0.81	0.07	41	16	0.53	640	0.13	5	4.20	0.03	0.01	2	2	5
S	L26W 150S	2	78	21	137	0.3	48	19	1170	4.70	11	5	ND	ND	20	1	2	2	39	0.26	0.12	47	16	0.85	90	0.06	5	1.86	0.01	0.02	3	1	5
S	L26W 175S	1	46	11	94	0.1	40	12	438	3.19	4	5	ND	ND	11	1	5	2	29	0.13	0.10	32	14	0.71	66	0.04	5	1.60	0.01	0.01	1	1	5
S	L26W 200S	3	35	20	107	0.1	34	13	607	3.38	6	5	ND	ND	19	1	2	2	32	0.25	0.16	25	12	0.69	90	0.05	5	1.78	0.01	0.03	2	1	5
S	L26W 225S	1	7	15	51	0.1	9	3	316	1.17	5	5	ND	ND	7	1	7	2	25	0.07	0.11	8	3	0.13	47	0.07	5	0.64	0.01	0.01	1	1	5
S	L26W 250S	2	34	7	81	0.4	28	13	634	2.57	2	5	ND	ND	15	1	3	2	31	0.18	0.12	22	13	0.46	74	0.06	5	1.33	0.02	0.01	1	1	5
S	L26W 275S	2	13	3	85	0.1	21	8	678	1.76	2	5	ND	ND	13	1	2	2	27	0.11	0.13	13	9	0.30	99	0.07	5	1.53	0.04	0.02	1	1	5
S	L26W 300S	2	25	22	106	0.2	30	12	871	2.45	2	5	ND	ND	14	1	2	2	31	0.15	0.17	16	13	0.46	104	0.07	5	1.68	0.05	0.01	56	1	5
S	L26W 325S	1	12	6	89	0.5	13	7	243	2.18	2	5	ND	ND	12	1	2	2	32	0.13	0.57	11	8	0.15	90	0.12	5	3.30	0.01	0.02	1	1	5
S	L26W 350S	2	12	3	92	0.7	14	8	259	1.71	2	5	ND	ND	9	1	2	2	25	0.08	0.30	10	7	0.16	99	0.11	5	2.53	0.01	0.04	1	1	5
S	L26W 375S	2	14	8	116	0.5	22	9	601	2.61	2	5	ND	ND	26	1	3	2	30	0.33	0.27	19	13	0.41	127	0.06	5	1.65	0.01	0.02	1	1	5
S	L26W 400S	2	46	13	118	0.1	45	16	655	3.59	2	5	ND	ND	20	1	2	2	33	0.26	0.14	27	18	0.75	98	0.04	5	1.80	0.02	0.01	1	1	5
S	L26W 425S	2	64	23	110	0.1	45	15	2940	4.67	2	5	ND	ND	17	1	2	2	29	0.16	0.09	40	12	0.71	82	0.03	5	1.46	0.03	0.01	1	1	5
S	L26W 450S	1	9	8	76	0.2	15	7	433	1.53	2	5	ND	ND	18	1	2	2	25	0.18	0.22	11	4	0.18	94	0.08	5	1.59	0.01	0.03	1	1	5
S	L26W 475S	2	11	10	114	0.6	11	6	216	1.68	2	5	ND	ND	8	1	2	2	26	0.07	0.23	14	6	0.15	67	0.10	5	2.41	0.01	0.02	1	1	5
S	L26W 500S	2	14	12	128	0.4	21	8	178	2.08	3	5	ND	ND	8	1	3	2	32	0.06	0.32	17	9	0.26	84	0.09	5	1.83	0.01	0.03	1	1	5
S	L26W 525S	1	14	13	160	0.6	20	10	813	1.73	7	5	ND	ND	18	1	2	2	29	0.19	0.28	13	8	0.21	134	0.08	5	1.75	0.04	0.03	3	1	5
S	L26W 550S	11	59	45	259	0.8	48	11	565	2.76	28	5	ND	ND	52	3	8	2	39	0.63	0.26	21	16	0.50	189	0.03	5	0.99	0.03	0.01	4	1	5
S	L26W 575S	2	24	16	162	0.8	29	11	253	2.64	5	5	ND	ND	11	2	2	2	31	0.12	0.39	26	14	0.49	124	0.06	5	1.65	0.02	0.01	1	1	5
S	L26W 600S	3	41	13	163	0.2	47	13	247	3.22	10	5	ND	ND	10	1	4	2	38	0.12	0.19	35	21	0.72	87	0.06	5	1.48	0.01	0.01	1	1	5

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CERTIFICATE OF ANALYSIS

TO : MPH CONSULTING LTD.
#2406-555 W. HASTINGS ST.
VANCOUVER, B.C.
PROJECT : V 298
TYPE OF ANALYSIS : ICP

CERTIFICATE # : 90443
INVOICE # : 10582
DATE ENTERED : 90-09-13
FILE NAME : MPH90443.1
PAGE # : 6

PRE FIX	SAMPLE NAME	PPM MO	PPM CU	PPM PB	PPM ZN	PPM AG	PPM NI	PPM CO	PPM MN	% FE	PPM AS	PPM U	PPM AU	PPM HG	PPM SR	PPM CD	PPM SB	PPM BI	PPM V	% CA	% P	PPM LA	PPM CR	% MG	PPM BA	% TI	PPM B	% AL	% NA	% SI	PPM W	PPM BE	AA Au
S	L26W 625S	2	30	16	131	0.7	35	15	433	3.12	7	5	ND	ND	9	1	2	2	34	0.09	0.20	27	13	0.58	136	0.05	5	1.87	0.01	0.01	2	1	5
S	L26W 650S	2	21	10	124	0.5	29	12	310	2.66	6	5	ND	ND	13	1	2	2	35	0.21	0.33	20	9	0.46	172	0.09	5	1.89	0.01	0.02	2	1	5
S	L26W 675S	2	15	12	139	0.6	27	11	502	2.61	4	5	ND	ND	17	1	2	2	33	0.15	0.48	15	8	0.31	155	0.10	5	2.91	0.01	0.03	1	1	5
S	L26W 700S	2	31	10	156	0.3	41	15	516	3.09	5	5	ND	ND	11	1	2	2	35	0.13	0.28	23	12	0.53	160	0.06	5	1.69	0.03	0.01	3	1	5
S	L26W 725S	3	35	9	106	0.1	44	11	443	2.94	8	5	ND	ND	14	1	5	2	33	0.18	0.13	25	22	0.73	106	0.04	5	1.32	0.05	0.01	2	1	5
S	L26W 750S	3	13	10	137	0.1	27	11	872	2.21	2	5	ND	ND	12	1	2	2	33	0.14	0.37	11	12	0.27	143	0.09	5	2.19	0.04	0.04	1	1	5
S	L26W 775S	3	24	21	140	0.1	81	14	1209	3.07	10	5	ND	ND	27	1	7	2	41	0.62	0.24	16	23	0.54	238	0.10	5	2.43	0.06	0.02	6	1	5
S	L26W 800S	3	80	36	228	0.6	114	30	693	5.95	8	5	ND	ND	22	2	2	2	80	0.50	0.21	34	42	1.64	169	0.16	5	3.31	0.03	0.01	4	2	5
S	L26W 825S	6	41	76	265	0.1	68	31	1951	4.92	63	5	ND	ND	126	3	5	2	17	7.12	0.34	14	1	0.40	215	0.02	5	0.73	0.02	0.02	12	1	5
S	L26W 850S	3	15	6	65	0.6	20	9	124	2.02	3	5	ND	ND	9	1	2	2	32	0.14	0.09	16	1	0.24	68	0.07	5	1.70	0.05	0.03	1	1	5
S	L26W 025N	1	28	15	162	0.3	39	14	663	2.98	2	5	ND	ND	21	1	2	2	34	0.19	0.24	25	6	0.60	144	0.09	5	2.98	0.01	0.03	3	1	5
S	L28W 000S	3	53	15	109	0.5	41	15	781	3.63	4	5	ND	ND	23	1	2	2	36	0.24	0.12	37	7	0.75	100	0.07	5	2.12	0.01	0.01	5	1	5
S	L28W 025S	3	51	34	116	0.5	44	25	877	3.60	10	5	ND	ND	17	1	6	2	25	0.21	0.13	45	4	0.75	56	0.03	5	1.37	0.01	0.01	3	1	5
S	L28W 050S	2	70	23	113	0.6	43	18	540	4.02	5	5	ND	ND	20	1	2	2	34	0.20	0.07	50	8	0.92	60	0.06	5	1.65	0.04	0.01	1	1	5
S	L28W 075S	2	12	6	95	0.1	18	11	1055	1.80	6	5	ND	ND	14	1	2	2	30	0.17	0.15	10	5	0.23	94	0.07	5	1.32	0.03	0.02	3	1	5
S	L28W 100S	2	16	10	103	0.1	18	11	543	2.01	2	5	ND	ND	15	1	2	2	28	0.14	0.16	12	6	0.25	89	0.08	5	1.73	0.02	0.02	1	1	5
S	L28W 125AS	2	13	12	136	0.3	25	10	484	2.36	9	5	ND	ND	14	1	2	2	36	0.10	0.27	12	9	0.28	118	0.14	5	2.08	0.01	0.02	2	1	5
S	L28W 125BS	3	24	13	254	0.6	25	15	613	4.04	4	5	ND	ND	22	1	2	2	73	0.31	0.17	18	13	0.67	121	0.19	5	1.98	0.01	0.01	4	2	5
S	L28W 150S	2	11	10	107	0.1	14	9	537	1.77	2	5	ND	ND	9	1	2	2	31	0.08	0.17	10	5	0.21	66	0.10	5	1.61	0.01	0.02	1	1	5
S	L28W 175S	2	26	9	108	0.3	30	11	545	2.80	3	5	ND	ND	24	1	2	2	31	0.27	0.07	27	12	0.60	124	0.06	5	1.99	0.01	0.01	1	1	5
S	L28W 200S	1	18	1	143	0.2	32	11	378	2.41	2	5	ND	ND	18	1	2	2	34	0.20	0.18	8	7	0.33	90	0.11	5	2.82	0.01	0.03	1	1	5
S	L28W 225S	2	16	3	129	0.2	28	11	402	2.15	2	5	ND	ND	14	1	2	2	33	0.13	0.14	15	9	0.34	134	0.11	5	2.69	0.03	0.03	1	1	5
S	L28W 250S	2	20	10	145	0.4	32	14	406	2.10	2	5	ND	ND	12	1	2	2	29	0.12	0.22	14	8	0.30	100	0.10	5	2.69	0.02	0.03	1	1	5
S	L28W 275S	4	58	9	112	0.4	50	19	859	3.90	6	5	ND	ND	15	1	2	2	36	0.17	0.07	39	17	0.89	80	0.05	5	1.70	0.04	0.01	1	1	5
S	L28W 300S	3	52	29	112	0.3	50	18	593	3.79	4	5	ND	ND	17	1	6	2	33	0.21	0.11	34	20	0.85	72	0.04	5	1.45	0.01	0.01	3	1	5
S	L28W 325S	1	14	5	112	0.5	17	9	401	1.89	2	5	ND	ND	14	1	2	2	32	0.14	0.24	11	6	0.19	91	0.12	5	2.67	0.01	0.04	2	1	5
S	L28W 350S	3	63	18	109	0.5	62	21	572	4.15	2	5	ND	ND	18	1	3	2	50	0.19	0.08	47	30	1.15	69	0.09	5	1.91	0.01	0.01	4	2	5
S	L28W 375S	3	15	2	73	0.6	22	6	138	1.63	2	5	ND	ND	18	1	2	2	24	0.17	0.21	10	3	0.20	76	0.14	5	3.35	0.01	0.03	1	1	5
S	L28W 400S	3	84	3	142	0.3	45	19	341	3.69	2	5	ND	ND	11	1	2	2	42	0.08	0.10	31	17	0.95	109	0.07	5	2.31	0.02	0.01	1	1	5
S	L28W 425S	MISSING SAMPLE																															
S	L28W 450S	2	24	4	112	0.1	30	11	226	2.69	2	5	ND	ND	11	1	2	2	32	0.09	0.10	25	14	0.66	73	0.05	5	1.71	0.04	0.01	1	1	5
S	L28W 475S	2	23	3	120	0.6	44	7	627	1.87	2	5	ND	ND	45	1	2	2	21	0.55	0.11	20	6	0.25	170	0.15	5	3.94	0.03	0.01	1	1	5
S	L28W 500S	1	11	12	65	0.8	12	6	389	1.44	2	5	ND	ND	15	1	2	2	30	0.15	0.19	9	4	0.12	71	0.09	5	1.61	0.01	0.03	1	1	5
S	L28W 525S	2	12	16	93	0.4	21	8	282	1.60	11	5	ND	ND	16	1	4	2	25	0.16	0.21	12	8	0.24	84	0.09	5	2.08	0.01	0.03	1	1	5
S	L28W 550S	2	16	1	136	0.4	23	10	1028	2.00	6	5	ND	ND	12	1	2	2	27	0.13	0.48	10	8	0.17	112	0.14	5	4.00	0.01	0.02	1	1	5
S	L28W 575S	3	17	10	128	0.1	25	11	596	2.41	5	5	ND	ND	12	1	2	3	33	0.12	0.57	19	13	0.38	130	0.09	5	2.01	0.01	0.02	1	1	5
S	L28W 600S	3	17	11	166	0.4	35	14	1980	2.33	7	5	ND	ND	30	1	2	2	37	0.51	0.13	18	18	0.58	247	0.06	5	1.29	0.02	0.01	1	1	5
S	L28W 625S	3	48	25	107	0.6	49	18	691	3.59	12	5	ND	ND	21	1	2	2	36	0.30	0.14	36	20	0.88	106	0.05	5	1.57	0.03	0.01	2	1	5
S	L28W 650S	3	13	9	61	0.2	16	8	135	1.62	8	5	ND	ND	11	1	2	5	37	0.16	0.03	16	8	0.30	47	0.06	5	0.66	0.03	0.01	1	1	5
S	L28W 675S	3	57	19	137	0.4	55	21	813	3.87	10	5	ND	ND	24	1	2	2	38	0.32	0.12	41	17	0.82	258	0.08	5	2.19	0.01	0.01	2	2	5

CERTIFIED BY : J. Rossbach

ROSSBACHER LABORATORY LTD.

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CERTIFICATE OF ANALYSIS

TO : MPH CONSULTING LTD.
#2406-555 W. HASTINGS ST.
VANCOUVER, B.C.

PROJECT : V 298
TYPE OF ANALYSIS : ICP

CERTIFICATE # : 90443
INVOICE # : 10582
DATE ENTERED : 90-09-13
FILE NAME : MPH90443.I
PAGE # : 7

PRE FIX	SAMPLE NAME	PPM MO	PPM CU	PPM PB	PPM ZN	PPM AG	PPM NI	PPM CO	PPM MN	% FE	PPM AS	PPM U	PPM AU	PPM HG	PPM SR	PPM CD	PPM SB	PPM BI	PPM V	% CA	% P	PPM LA	PPM CR	% MG	PPM BA	% TI	PPM B	% AL	% NA	% SI	PPM W	PPM BE	AA Au
S	L28W 700S	3	13	13	103	0.1	17	10	223	1.97	8	5	ND	ND	13	1	4	2	31	0.15	0.22	14	7	0.27	126	0.05	5	1.15	0.01	0.01	1	1	5
S	L28W 725S	2	21	11	134	0.1	26	10	269	2.92	7	5	ND	ND	17	1	2	2	35	0.22	0.50	20	11	0.47	203	0.09	5	2.03	0.01	0.01	1	1	5
S	L28W 750S	3	22	12	151	0.1	30	13	1386	2.73	11	5	ND	ND	31	1	2	3	34	0.44	0.17	20	10	0.39	198	0.05	5	1.26	0.02	0.01	1	1	5
S	L28W 775S	3	36	14	189	0.6	60	23	380	3.90	11	5	ND	ND	20	1	2	2	50	0.21	0.27	24	26	0.79	202	0.12	5	3.06	0.01	0.02	3	2	5
S	L28W 800S	3	57	13	125	0.4	65	20	729	3.12	12	5	ND	ND	61	1	2	3	43	0.79	0.11	21	24	0.88	156	0.06	5	1.49	0.02	0.01	3	1	5
S	L28W 825S	2	26	12	119	0.7	28	11	494	1.98	11	5	ND	ND	55	1	4	3	37	0.72	0.08	13	12	0.41	149	0.06	5	1.03	0.04	0.01	1	1	5
S	L28W 850S	2	8	8	83	0.6	14	6	482	1.29	9	5	ND	ND	13	1	2	3	29	0.18	0.18	10	8	0.26	128	0.11	5	0.91	0.01	0.01	1	1	5
S	L28W 025N	3	27	3	96	0.1	27	11	190	2.91	7	5	ND	ND	8	1	3	2	34	0.06	0.12	28	8	0.52	84	0.05	5	1.67	0.01	0.01	1	1	5

CERTIFIED BY : J. Rossbach

ROSSBACHER LABORATORY LTD.

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CERTIFICATE OF ANALYSIS

TO : MPH CONSULTING LTD.
#2406-555 W. HASTINGS ST.
VANCOUVER, B.C.
PROJECT : V 298
TYPE OF ANALYSIS : ICP

CERTIFICATE # : 90466
INVOICE # : 10620
DATE ENTERED : 90-09-24
FILE NAME : MPH90466.I
PAGE # : 1

PRE FIX	SAMPLE NAME	PPM MO	PPM CU	PPM PB	PPM ZN	PPM AG	PPM NI	PPM CO	PPM MN	% FE	PPM AS	PPM U	PPM AU	PPM HG	PPM SR	PPM CD	PPM SB	PPM BI	PPM V	% CA	% P	PPM LA	PPM CR	% MG	PPM BA	% TI	PPM B	% AL	% NA	% SI	PPM W	PPM BE	PPB Au AA
S	L2W B275S	1	15	17	86	0.3	12	7	643	1.52	5	5	ND	ND	9	1	2	24	20	0.08	0.13	5	14	0.11	91	0.09	5	1.66	0.01	0.03	2	1	5
S	L2W B300S	1	12	9	90	0.2	17	12	185	1.91	10	5	ND	ND	9	1	5	7	27	0.08	0.15	7	20	0.23	81	0.10	5	2.07	0.01	0.05	1	1	5
S	L2W B325S	1	50	21	110	0.1	40	19	612	3.76	13	5	ND	ND	17	1	2	4	29	0.18	0.08	35	42	0.81	100	0.05	5	1.76	0.01	0.01	1	1	5
S	L5W 000S	1	29	21	92	0.3	35	17	649	3.23	16	5	ND	ND	13	1	2	2	24	0.15	0.10	18	31	0.56	90	0.01	5	1.23	0.03	0.01	1	1	5
S	L5W 025S	1	14	13	100	0.5	18	13	342	2.81	6	5	ND	ND	12	1	2	2	23	0.12	0.16	16	21	0.34	115	0.05	5	2.19	0.04	0.03	1	1	5
S	L5W 050S	2	121	140	283	0.6	207	40	961	6.86	451	5	ND	ND	5	1	2	2	75	0.06	0.14	14	105	1.37	56	0.02	5	2.36	0.02	0.02	3	2	5
S	L5W 075S	1	37	22	132	0.2	20	11	558	3.50	13	5	ND	ND	10	1	2	2	25	0.12	0.09	24	11	0.55	102	0.03	5	1.59	0.01	0.01	1	1	5
S	L5W 100S	1	12	8	81	0.8	11	9	340	2.21	14	5	ND	ND	10	1	2	2	19	0.08	0.21	5	3	0.10	78	0.14	5	4.69	0.01	0.02	1	1	5
S	L5W 125S	1	31	21	132	0.4	33	17	406	3.57	22	5	ND	ND	10	1	2	2	27	0.11	0.14	21	14	0.52	121	0.05	5	2.42	0.01	0.04	2	1	5
S	L5W 150S	1	7	1	48	0.2	4	4	148	1.37	10	5	ND	ND	5	1	2	5	25	0.06	0.06	3	2	0.07	45	0.07	5	1.41	0.01	0.05	2	1	5
S	L5W 175S	1	21	27	212	0.1	34	16	882	3.08	9	5	ND	ND	28	1	5	2	28	0.41	0.07	13	24	0.40	155	0.08	5	2.02	0.06	0.03	2	1	5
S	L5W 200S	1	10	10	74	0.4	6	5	199	1.54	6	5	ND	ND	6	1	2	9	27	0.07	0.06	5	10	0.10	64	0.06	5	0.79	0.03	0.01	1	1	5
S	L5W 225S	2	31	32	370	1.1	79	18	1171	3.46	36	5	ND	ND	46	2	2	2	22	0.74	0.07	22	24	0.42	217	0.11	5	3.55	0.04	0.07	5	1	5
S	L5W 250S	1	19	19	216	0.4	21	15	305	2.68	11	5	ND	ND	24	1	2	2	27	0.40	0.06	10	18	0.30	186	0.08	5	2.65	0.01	0.04	2	1	5
S	L5W 275S	2	13	40	145	0.2	13	9	226	2.78	9	5	ND	ND	10	1	2	2	36	0.15	0.06	14	19	0.38	96	0.08	5	1.63	0.01	0.02	2	1	5
S	L5W 300S	1	27	69	135	0.9	23	12	769	2.64	9	5	ND	ND	8	1	2	2	25	0.11	0.18	10	20	0.28	90	0.07	5	2.14	0.01	0.06	4	1	5
S	L5W 350S	8	416	64	181	0.2	48	18	425	5.39	2	5	ND	ND	3	1	3	2	13	0.07	0.10	14	31	0.95	50	0.08	5	1.58	0.01	0.01	1	1	10
S	L5W 375S	2	28	11	74	0.4	12	7	271	2.51	6	5	ND	ND	6	1	2	2	26	0.06	0.32	10	12	0.25	64	0.09	5	1.46	0.01	0.02	1	1	5
S	L5W 400S	1	15	14	162	0.6	14	10	181	2.44	5	5	ND	ND	20	2	2	2	26	0.22	0.35	10	14	0.24	146	0.12	5	3.26	0.03	0.05	1	1	5
S	L5W 425S	1	17	17	95	0.5	16	11	382	2.36	3	5	ND	ND	6	1	3	2	20	0.04	0.20	11	15	0.20	115	0.09	5	3.46	0.02	0.05	2	1	5
S	L5W 450S	1	7	2	39	0.4	1	5	165	1.94	5	5	ND	ND	5	2	2	6	31	0.08	0.38	2	15	0.04	80	0.12	5	1.75	0.04	0.07	2	1	5
S	L5W 475S	1	6	1	27	0.3	3	3	71	0.98	7	5	ND	ND	7	1	2	13	19	0.11	0.12	3	10	0.05	44	0.06	5	0.90	0.05	0.03	4	1	5
S	L5W 500S	1	10	17	55	0.7	7	10	180	2.84	10	5	ND	ND	20	1	3	2	44	0.24	0.43	4	22	0.08	82	0.20	5	3.58	0.02	0.08	4	1	5
S	L5W 525S	1	10	7	69	0.3	13	7	372	1.89	5	5	ND	ND	9	1	2	12	29	0.13	0.11	8	23	0.24	93	0.09	5	1.24	0.01	0.02	2	1	5
S	L5W 550S	1	6	1	38	0.2	5	5	221	1.57	4	5	ND	ND	3	1	3	14	27	0.02	0.10	9	16	0.14	30	0.04	5	1.20	0.02	0.03	1	1	5
S	L5W 575S	1	9	12	65	0.2	7	9	487	1.67	4	5	ND	ND	5	1	6	5	26	0.04	0.22	3	17	0.12	62	0.14	5	2.18	0.01	0.05	3	1	5
S	L5W 600S	1	11	21	71	1.0	6	8	207	2.33	10	5	ND	ND	10	1	2	2	29	0.13	0.46	2	20	0.10	110	0.15	5	2.82	0.01	0.06	2	1	5
S	L5W 625S	1	10	8	100	0.4	10	9	672	1.93	2	5	ND	ND	9	1	2	2	28	0.12	0.17	7	22	0.23	150	0.10	5	1.41	0.01	0.02	2	1	5
S	L5W 650S	1	10	15	59	0.2	20	9	332	2.12	2	5	ND	ND	5	1	2	2	40	0.06	0.18	3	32	0.31	93	0.13	5	2.56	0.01	0.08	2	1	5
S	L5W 675S	1	10	14	48	0.1	7	6	226	1.95	5	5	ND	ND	4	1	2	4	34	0.03	0.23	2	20	0.13	61	0.15	5	2.49	0.01	0.08	3	1	5
S	L5W 700S	1	23	15	153	0.1	56	20	287	3.80	9	5	ND	ND	5	1	7	2	72	0.07	0.16	10	83	0.97	188	0.16	5	3.33	0.01	0.06	1	2	5

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RECEIVED OCT 2 - 1990

ROSSBACHER LABORATORY LTD.

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CERTIFICATE OF ANALYSIS

TO : MPH CONSULTING LTD.
#2406-555 W. HASTINGS ST.
VANCOUVER, B.C.

PROJECT : V 298
TYPE OF ANALYSIS : ICP

CERTIFICATE # : 90485
INVOICE # : 20002
DATE ENTERED : 90-10-02
FILE NAME : MPH90485.I
PAGE # : 1

PRE FIX	SAMPLE NAME	PPM MO	PPM CU	PPM PB	PPM ZN	PPM AG	PPM NI	PPM CO	PPM MN	% FE	PPM AS	PPM U	PPM AU	PPM MG	PPM SR	PPM CD	PPM SB	PPM BI	PPM V	% CA	% P	PPM LA	PPM CR	% MG	PPM BA	% TI	PPM B	% AL	% NA	% SI	PPM W	PPM BE
S	L0E 050N	2	22	9	85	0.3	27	11	194	2.05	4	5	ND	ND	18	1	2	2	27	0.13	0.19	17	20	0.21	115	0.10	5	2.47	0.01	0.04	2	1
S	L0E 075N	1	17	2	64	0.1	25	6	349	1.75	6	5	ND	ND	19	1	2	2	28	0.22	0.08	7	11	0.15	120	0.09	5	2.18	0.01	0.02	4	1
S	L0E 100N	1	23	12	66	0.1	25	11	135	2.24	7	5	ND	ND	13	1	2	2	23	0.13	0.03	17	20	0.40	107	0.06	5	1.74	0.01	0.01	2	1
S	L0E 125N	1	20	15	63	0.3	26	9	219	2.05	6	5	ND	ND	21	1	2	2	23	0.23	0.03	15	13	0.24	116	0.08	5	2.34	0.01	0.01	1	1
S	L0E 150N	3	14	13	65	0.1	21	11	206	1.97	9	5	ND	ND	11	1	2	2	30	0.11	0.04	12	10	0.24	78	0.08	5	1.68	0.01	0.02	2	1
S	L0E 175N	1	11	17	56	0.3	17	9	375	1.58	9	5	ND	ND	15	1	2	2	27	0.16	0.04	10	4	0.15	73	0.09	5	1.93	0.01	0.02	1	1
S	L0E 200N	1	36	19	69	0.1	27	13	306	2.68	10	5	ND	ND	16	1	3	2	24	0.20	0.03	30	17	0.56	67	0.04	5	1.39	0.01	0.01	3	1
S	L0E 325N	1	15	15	60	0.1	27	7	162	2.33	11	5	ND	ND	20	1	2	2	28	0.18	0.03	14	8	0.39	139	0.09	5	2.94	0.01	0.02	1	1
S	L0E 350N	2	16	3	69	0.1	26	10	180	2.35	7	5	ND	ND	29	1	2	2	25	0.24	0.03	12	6	0.30	137	0.11	5	2.97	0.01	0.02	1	1
S	L0E 375N	1	16	12	58	0.2	30	10	172	2.49	9	5	ND	ND	25	1	2	2	26	0.14	0.02	11	6	0.32	167	0.09	5	3.25	0.01	0.01	1	1
S	L0E 400N	1	11	17	53	0.2	27	12	186	2.13	7	5	ND	ND	22	1	2	2	29	0.16	0.03	11	20	0.26	114	0.08	5	2.22	0.01	0.03	1	1
S	L0E 425N	1	14	26	60	0.1	33	10	238	2.29	5	5	ND	ND	18	1	6	2	26	0.13	0.04	14	20	0.34	121	0.09	5	2.53	0.01	0.04	1	1
S	L0E 450N	1	18	10	56	0.1	27	10	178	2.52	2	5	ND	ND	15	1	2	2	22	0.11	0.02	19	24	0.55	117	0.05	5	1.88	0.01	0.01	1	1
S	L0E 475N	1	17	18	68	0.3	30	11	224	2.56	2	5	ND	ND	33	1	2	2	25	0.24	0.02	16	25	0.49	157	0.09	5	2.80	0.01	0.01	1	1
S	L0E 500N	1	16	24	60	0.3	25	14	332	2.45	9	5	ND	ND	25	1	6	2	28	0.23	0.06	14	14	0.31	84	0.11	5	2.88	0.01	0.02	1	1
S	L0E 525N	1	18	27	57	0.4	25	12	132	2.19	5	5	ND	ND	16	1	3	2	25	0.13	0.06	11	11	0.27	83	0.10	5	2.51	0.01	0.03	1	1
S	L0E 550N	1	28	30	56	0.1	27	13	258	2.40	8	5	ND	ND	15	1	2	2	26	0.20	0.03	13	13	0.29	80	0.06	5	1.49	0.01	0.02	1	1
S	L0E 625N	2	46	25	65	0.4	28	14	350	2.57	15	5	ND	ND	73	1	6	2	20	3.05	0.04	26	15	0.62	58	0.03	5	1.15	0.01	0.01	1	1
S	L0E 650N	2	22	25	53	0.1	24	10	202	2.39	8	5	ND	ND	12	1	2	2	21	0.13	0.04	16	13	0.43	67	0.05	5	1.56	0.01	0.01	1	1
S	L2E 000S	2	45	33	64	0.2	25	11	233	2.74	3	5	ND	ND	10	1	2	2	20	0.09	0.01	30	15	0.61	55	0.03	5	1.20	0.01	0.01	1	1
S	L2E 025S	1	46	22	70	0.1	32	12	200	2.33	12	5	ND	ND	23	1	2	2	26	0.10	0.02	16	21	0.43	164	0.06	5	2.05	0.01	0.01	1	1
S	L2E 050S	1	37	29	146	0.1	32	11	260	2.33	8	5	ND	ND	18	1	2	2	24	0.16	0.04	15	18	0.37	129	0.05	5	1.96	0.01	0.02	1	1
S	L2E 025N	1	17	17	81	0.1	31	7	343	2.22	5	5	ND	ND	16	1	2	2	24	0.13	0.07	12	14	0.29	166	0.10	5	2.44	0.01	0.04	1	1
S	L2E 050N	1	10	15	59	0.1	18	8	382	1.60	6	5	ND	ND	12	1	3	2	29	0.12	0.03	6	10	0.16	94	0.08	5	1.35	0.01	0.02	1	1
S	L2E 075N	2	19	16	73	0.1	32	12	334	2.25	4	5	ND	ND	16	1	2	2	29	0.15	0.04	15	15	0.29	118	0.09	5	2.04	0.01	0.03	1	1
S	L2E 100N	1	21	17	94	0.1	37	15	282	2.28	7	5	ND	ND	16	1	2	2	27	0.18	0.06	14	15	0.33	90	0.08	5	2.10	0.01	0.03	1	1
S	L2E 125N	1	17	25	85	0.3	42	13	301	2.05	8	5	ND	ND	18	1	2	2	31	0.16	0.07	9	13	0.22	140	0.12	5	2.47	0.01	0.03	1	1
S	L2E 150N	1	21	26	85	0.1	32	12	453	2.14	16	5	ND	ND	14	1	2	2	27	0.19	0.05	10	11	0.24	112	0.09	5	2.13	0.01	0.03	1	1
S	L2E 175N	2	21	21	86	0.1	29	10	392	2.20	5	5	ND	ND	17	1	2	2	24	0.20	0.07	10	14	0.30	126	0.11	5	2.91	0.01	0.03	1	1
S	L2E 200N	1	11	11	69	0.1	22	6	279	1.98	5	5	ND	ND	14	1	2	2	22	0.20	0.06	7	11	0.24	84	0.11	5	2.89	0.01	0.05	1	1
S	L2E 225N	2	13	29	54	0.3	21	12	164	1.70	8	5	ND	ND	13	1	2	2	24	0.12	0.04	8	13	0.18	81	0.09	5	2.26	0.01	0.02	1	1
S	L2E 250N	2	13	24	90	0.3	22	11	497	1.76	10	5	ND	ND	16	1	2	2	32	0.19	0.08	8	14	0.20	79	0.07	5	1.51	0.01	0.02	5	1
S	L2E 275N	1	44	60	89	0.3	32	13	300	2.75	16	5	ND	ND	14	1	2	2	27	0.12	0.03	18	22	0.49	93	0.06	5	1.79	0.01	0.02	3	1
S	L2E 300N	1	21	30	82	0.4	30	9	205	2.68	10	5	ND	ND	23	1	5	2	25	0.19	0.02	17	21	0.51	100	0.07	5	1.73	0.01	0.01	1	1
S	L2E 325N	1	11	19	65	0.1	26	7	136	1.85	13	5	ND	ND	16	1	2	2	27	0.18	0.04	9	11	0.23	69	0.09	5	1.82	0.01	0.03	1	1
S	L2E 350N	1	11	35	56	0.4	22	9	272	1.84	8	5	ND	ND	21	1	2	2	28	0.23	0.04	10	11	0.20	88	0.10	5	2.10	0.01	0.03	1	1
S	L2E 375N	1	15	24	57	0.4	27	10	134	2.21	8	5	ND	ND	25	1	3	2	24	0.12	0.01	17	14	0.31	105	0.07	5	2.06	0.01	0.01	3	1
S	L2E 400N	1	13	19	53	0.5	27	12	154	2.13	12	5	ND	ND	9	1	2	2	28	0.08	0.07	12	14	0.27	59	0.07	5	2.15	0.01	0.05	4	1
S	L2E 425N	1	22	33	60	0.5	34	13	202	2.27	14	5	ND	ND	19	1	2	2	31	0.14	0.05	14	14	0.30	213	0.10	5	2.78	0.01	0.02	1	1
S	L2E 450N	1	17	26	56	0.2	22	10	113	1.85	7	5	ND	ND	9	1	6	3	24	0.09	0.03	14	17	0.29	80	0.04	5	1.34	0.01	0.01	4	1

Au TO Focus

CERTIFIED BY : _____

ROSSBACHER LABORATORY LTD.

2225 S. Springer Ave., Burnaby,
British Columbia, Can. V5B 3B1
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CERTIFICATE OF ANALYSIS

TO : MPH CONSULTING LTD.
#2406-555 W. HASTINGS ST.
VANCOUVER, B.C.
PROJECT : V 298
TYPE OF ANALYSIS : ICP

CERTIFICATE # : 90485
INVOICE # : 20002
DATE ENTERED : 90-10-02
FILE NAME : MPH90485.I
PAGE # : 2

PRE FIX	SAMPLE NAME	PPM MO	PPM CU	PPM PB	PPM ZN	PPM AG	PPM NI	PPM CO	PPM MN	% FE	PPM AS	PPM U	PPM AU	PPM HG	PPM SR	PPM CD	PPM SB	PPM BI	PPM V	% CA	% P	PPM LA	PPM CR	% MG	PPM BA	% TI	PPM B	% AL	% NA	% K	PPM W	PPM BE
S	L2E 475N	1	19	33	61	0.3	28	13	358	2.21	8	5	ND	ND	18	1	2	3	37	0.15	0.04	10	25	0.30	107	0.11	5	2.52	0.01	0.02	1	1
S	L2E 500N	1	46	32	78	0.6	25	21	334	3.12	10	5	ND	ND	29	1	5	4	39	0.31	0.05	18	20	0.40	158	0.10	5	3.11	0.01	0.01	1	1
S	L2E 525N	1	43	36	54	0.7	29	17	282	2.70	6	5	ND	ND	23	1	6	4	35	0.21	0.03	23	17	0.33	162	0.10	5	3.01	0.01	0.01	1	1
S	L2E 550N	2	10	25	47	0.1	25	10	238	1.77	6	5	ND	ND	13	1	6	2	33	0.14	0.04	8	10	0.17	56	0.09	5	1.68	0.01	0.03	2	1
S	L2E 575N	1	21	32	88	0.1	50	15	661	3.08	7	5	ND	ND	17	1	2	2	42	0.19	0.03	14	20	0.43	171	0.12	5	3.01	0.01	0.01	1	1
S	L2E 600N	1	19	29	87	0.3	33	10	301	2.54	6	5	ND	ND	17	1	2	2	35	0.18	0.02	14	11	0.25	137	0.10	5	2.47	0.01	0.04	1	1
S	L12WB 800S	2	139	57	152	0.5	51	19	566	5.21	15	5	ND	ND	36	1	2	2	40	0.26	0.07	15	32	0.95	123	0.07	16	1.75	0.01	0.01	1	1
S	L12WB 825S	1	56	43	109	0.3	38	18	442	2.87	14	5	ND	ND	16	1	3	5	30	0.20	0.05	20	14	0.47	85	0.04	5	1.36	0.01	0.01	2	1
S	L12WB 850S	1	28	169	184	0.5	28	17	982	2.78	10	5	ND	ND	16	1	2	7	30	0.20	0.14	18	11	0.44	112	0.07	5	2.61	0.01	0.05	1	1
S	L12WB 875S	1	29	37	174	0.2	26	13	425	2.77	10	5	ND	ND	12	1	2	2	26	0.13	0.16	9	17	0.29	99	0.07	5	1.91	0.01	0.03	1	1
S	L12WB 900S	2	16	10	85	0.4	15	9	219	1.56	2	5	ND	ND	11	1	7	2	21	0.15	0.03	11	13	0.27	65	0.04	5	1.37	0.01	0.02	3	1
S	L12WB 925S	1	64	27	157	0.7	32	18	616	2.61	14	5	ND	ND	10	1	4	2	34	0.10	0.10	19	18	0.41	118	0.10	5	2.37	0.01	0.04	1	1
S	L12WB 950S	3	238	34	108	0.7	27	17	513	2.46	7	5	ND	ND	13	1	2	2	28	0.19	0.07	17	15	0.39	83	0.05	5	1.50	0.01	0.02	1	1
S	L12WB 975S	1	60	13	99	0.5	17	12	186	1.84	4	5	ND	ND	8	1	6	2	25	0.09	0.07	11	11	0.21	61	0.07	5	1.60	0.01	0.03	1	1
S	L12WB 1000S	1	13	29	56	0.6	9	8	193	1.36	6	5	ND	ND	8	1	2	2	23	0.08	0.14	5	7	0.07	52	0.11	5	2.07	0.01	0.06	1	1
S	L12WB 1025S	4	197	79	89	0.5	33	17	395	4.51	9	5	ND	ND	10	1	2	6	21	0.09	0.05	25	20	0.47	62	0.04	5	1.36	0.01	0.02	3	1
S	L12WB 1050S	3	88	35	81	0.6	18	16	260	4.59	6	5	ND	ND	15	1	4	3	18	0.04	0.05	33	22	0.87	27	0.01	5	1.43	0.01	0.02	3	1
S	L12WB 1075S	2	34	24	67	0.6	18	12	177	1.35	12	5	ND	ND	11	1	2	3	21	0.12	0.09	11	7	0.17	80	0.07	5	1.75	0.01	0.04	3	1
S	L12WB 1100S	2	45	32	96	0.6	21	13	407	1.96	10	5	ND	ND	21	1	2	2	27	0.27	0.18	10	10	0.23	74	0.11	5	2.42	0.01	0.07	1	1
S	L12WB 1125S	2	28	18	109	0.1	22	10	158	1.78	2	5	ND	ND	13	1	2	2	21	0.15	0.04	11	14	0.28	92	0.06	5	1.53	0.01	0.02	1	1
S	L16W 375S	2	18	20	94	0.3	44	13	372	1.98	5	5	ND	ND	13	1	3	2	38	0.15	0.05	8	14	0.19	97	0.11	5	1.95	0.01	0.04	1	1
S	L16W 400S	2	20	20	123	0.4	31	12	188	2.05	2	5	ND	ND	10	1	2	2	38	0.09	0.04	15	18	0.37	165	0.09	5	1.92	0.01	0.01	2	1
S	L16W 425S	2	19	19	87	0.6	45	11	425	1.92	2	5	ND	ND	15	1	2	2	27	0.18	0.07	11	11	0.16	108	0.13	5	2.97	0.01	0.03	1	1
S	L16W 450S	2	42	27	141	0.1	49	21	285	3.40	9	5	ND	ND	11	1	4	2	45	0.10	0.07	19	28	0.68	126	0.10	5	2.98	0.01	0.01	1	2
S	L16W 475S	1	59	20	179	0.4	53	14	569	4.23	2	5	ND	ND	30	1	2	2	58	0.22	0.04	12	34	0.79	242	0.15	5	2.75	0.01	0.01	1	2
S	L16W 500S	2	62	18	118	0.4	65	20	339	3.37	11	5	ND	ND	23	1	6	2	38	0.27	0.02	15	27	0.77	94	0.07	5	2.27	0.01	0.01	4	1
S	L16W 525S	2	16	38	305	0.2	36	12	492	1.82	9	5	ND	ND	26	1	2	2	29	0.26	0.08	12	10	0.31	156	0.09	5	2.02	0.01	0.02	1	1
S	L16W 550S	2	17	47	110	0.4	35	15	280	2.09	4	5	ND	ND	17	1	3	2	32	0.24	0.02	13	10	0.33	133	0.08	5	2.50	0.01	0.01	1	1
S	L16W 575S	1	15	19	113	0.3	38	13	397	1.74	2	5	ND	ND	23	1	3	2	25	0.18	0.03	9	8	0.25	267	0.09	5	2.58	0.01	0.02	1	1
S	L16W 600S	1	10	15	64	0.6	23	6	181	1.30	12	5	ND	ND	10	1	2	2	22	0.15	0.04	8	10	0.17	86	0.08	5	1.69	0.01	0.03	1	1
S	L16W 625S	1	18	28	89	0.5	38	11	270	2.00	20	5	ND	ND	19	1	2	2	25	0.21	0.06	9	13	0.22	179	0.11	5	2.56	0.01	0.02	1	1
S	L16W 650S	1	17	25	146	0.6	39	13	354	2.06	18	5	ND	ND	19	1	2	2	28	0.18	0.02	11	15	0.29	210	0.08	5	2.24	0.01	0.01	1	1
S	L16W 675S	1	17	15	82	0.4	28	12	258	2.10	13	5	ND	ND	14	1	2	2	25	0.14	0.02	11	14	0.34	108	0.06	5	2.07	0.01	0.01	1	1
S	L16W 700S	1	10	15	88	0.4	19	8	307	1.53	10	5	ND	ND	14	1	2	2	28	0.14	0.03	7	11	0.20	93	0.08	5	1.49	0.01	0.02	1	1
S	L16W 725S	1	16	22	83	0.5	25	7	262	1.68	13	5	ND	ND	17	1	2	2	20	0.24	0.10	8	11	0.22	93	0.10	5	2.57	0.01	0.03	1	1
S	L16W 750S	1	18	19	127	0.5	30	12	255	2.17	14	5	ND	ND	15	1	2	2	26	0.14	0.05	11	17	0.32	130	0.10	5	2.50	0.01	0.03	1	1
S	L16W 775S	3	47	35	90	0.4	29	10	150	1.83	13	5	ND	ND	10	1	2	2	26	0.09	0.04	8	13	0.25	118	0.09	5	2.30	0.01	0.03	1	1
S	L16W 800S	1	59	24	81	0.3	26	11	164	1.88	15	5	ND	ND	14	1	2	2	28	0.14	0.05	8	13	0.22	91	0.09	5	1.98	0.01	0.03	1	1
S	L16W 825S	2	200	22	85	0.1	22	13	196	1.76	5	5	ND	ND	11	1	2	3	26	0.12	0.07	6	13	0.22	76	0.06	5	1.66	0.01	0.02	1	1
S	L16W 875S	2	44	12	63	0.2	22	10	113	1.39	2	5	ND	ND	9	1	2	2	24	0.08	0.05	5	10	0.10	54	0.09	5	2.36	0.01	0.03	1	1

CERTIFIED BY : _____

ROSSBACHER LABORATORY LTD.

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CERTIFICATE OF ANALYSIS

TO : MPH CONSULTING LTD.
#2406-555 W. HASTINGS ST.
VANCOUVER. B.C.
PROJECT : V 298
TYPE OF ANALYSIS : ICP

CERTIFICATE # : 90485
INVOICE # : 20002
DATE ENTERED : 90-10-02
FILE NAME : MPH90485.I
PAGE # : 3

PRE FIX	SAMPLE NAME	PPM MO	PPM CU	PPM PB	PPM ZN	PPM AG	PPM NI	PPM CO	PPM MN	% FE	PPM AS	PPM U	PPM AU	PPM HG	PPM SR	PPM CD	PPM SB	PPM BI	PPM V	% CA	% P	PPM LA	PPM CR	% MG	PPM BA	% TI	PPM B	% AL	% NA	% K	PPM W	PPM BE
S	L16W 900S	2	249	14	82	0.1	31	18	389	2.82	5	5	ND	ND	17	1	2	2	26	0.24	0.05	21	20	0.49	52	0.03	5	1.18	0.01	0.01	3	1
S	L16W 925S	1	89	12	86	0.1	23	14	404	2.48	4	5	ND	ND	12	1	2	2	22	0.16	0.05	25	18	0.50	49	0.02	5	1.00	0.01	0.01	2	1
S	L16W 950S	2	30	23	82	0.1	23	14	502	2.68	5	5	ND	ND	14	1	2	2	22	0.21	0.06	29	20	0.58	58	0.02	5	1.09	0.01	0.01	1	1
S	L16W 975S	2	102	14	86	0.1	28	12	177	2.34	3	5	ND	ND	16	1	2	2	34	0.16	0.03	8	13	0.25	72	0.09	5	1.73	0.01	0.02	1	1
S	L16W 1000S	2	29	13	77	0.1	24	13	254	2.99	8	5	ND	ND	9	1	2	3	22	0.11	0.05	28	20	0.63	37	0.01	5	1.12	0.01	0.01	1	1
S	L16W 1025S	2	24	10	67	0.3	22	14	290	2.35	3	5	ND	ND	12	1	2	4	25	0.13	0.03	29	17	0.52	57	0.02	5	1.07	0.01	0.01	5	1
S	L16W 1050S	2	44	27	90	0.1	36	16	349	3.43	8	5	ND	ND	14	1	2	3	25	0.19	0.03	37	20	0.69	62	0.02	5	1.40	0.01	0.01	2	1
S	L16W 1075S	1	30	13	79	0.1	26	12	216	2.77	5	5	ND	ND	7	1	2	2	21	0.07	0.02	29	15	0.65	33	0.01	5	1.20	0.01	0.01	3	1
S	L16W 1100S	3	57	35	109	0.6	28	15	1014	2.20	24	5	ND	ND	152	2	2	3	21	4.12	0.05	17	17	0.43	196	0.01	8	0.97	0.01	0.01	5	1
S	L16W 1125S	2	25	40	70	0.3	20	14	374	2.35	9	5	ND	ND	33	1	5	3	22	0.54	0.06	27	18	0.52	81	0.01	5	0.97	0.01	0.01	2	1
S	L16W 1150S	4	77	42	101	0.1	37	21	667	3.14	14	5	ND	ND	36	1	2	2	30	0.53	0.08	27	24	0.64	124	0.04	5	1.29	0.01	0.01	4	1
S	L16W 1175S	3	64	22	65	0.3	22	11	1148	1.84	14	5	ND	ND	89	1	3	2	23	1.41	0.10	16	11	0.27	204	0.05	11	1.91	0.01	0.03	2	1
S	L16W 1200S	3	98	28	103	0.4	37	16	805	2.86	11	5	ND	ND	54	1	6	2	28	0.70	0.07	21	20	0.53	151	0.05	5	1.57	0.01	0.01	3	1
S	L18W 350S	2	19	29	75	0.1	31	15	175	2.20	3	5	ND	ND	12	1	2	2	28	0.13	0.03	16	15	0.46	82	0.05	5	1.87	0.01	0.01	2	1
S	L18W 375S	2	15	21	79	0.1	29	13	228	1.97	7	5	ND	ND	14	1	5	3	32	0.18	0.06	13	13	0.29	88	0.09	5	2.17	0.01	0.03	2	1
S	L18W 400S	2	15	23	53	0.1	26	11	152	1.82	7	5	ND	ND	9	1	2	2	23	0.08	0.05	15	11	0.30	72	0.05	5	1.60	0.01	0.02	4	1
S	L18W 425S	1	17	10	61	0.1	28	10	197	2.18	2	5	ND	ND	16	1	3	2	31	0.15	0.01	17	17	0.55	83	0.05	5	1.72	0.01	0.01	3	1
S	L18W 450S	1	38	28	113	0.1	48	13	307	2.85	2	5	ND	ND	18	1	5	2	34	0.16	0.04	15	22	0.62	136	0.10	5	2.21	0.01	0.02	1	1
S	L18W 475S	1	15	28	69	0.1	35	9	322	1.56	11	5	ND	ND	16	1	2	2	28	0.24	0.06	4	17	0.24	62	0.08	5	1.69	0.01	0.02	1	1
S	L18W 500S	1	12	24	69	0.1	24	6	209	1.65	10	5	ND	ND	13	1	2	2	24	0.15	0.04	8	11	0.23	97	0.08	5	1.97	0.01	0.04	1	1
S	L18W 525S	1	10	17	56	0.1	18	8	479	1.56	6	5	ND	ND	16	1	5	2	22	0.21	0.06	6	10	0.22	131	0.08	5	1.81	0.01	0.02	1	1
S	L18W 550S	1	21	16	92	0.1	34	14	336	2.42	8	5	ND	ND	11	1	3	2	19	0.12	0.02	16	18	0.42	120	0.05	5	1.80	0.01	0.01	1	1
S	L18W 575S	1	10	26	105	0.1	20	5	306	1.39	6	5	ND	ND	13	1	3	2	22	0.20	0.11	8	8	0.14	81	0.09	5	1.99	0.01	0.03	2	1
S	L18W 600S	1	13	33	52	0.1	19	9	294	1.63	9	5	ND	ND	11	1	2	2	25	0.13	0.02	12	11	0.26	81	0.05	5	1.27	0.01	0.01	1	1
S	L18W 625S	1	17	47	201	0.1	31	12	182	2.11	6	5	ND	ND	12	1	2	2	25	0.12	0.03	16	17	0.42	154	0.07	5	2.18	0.01	0.01	2	1
S	L18W 650S	1	17	19	136	0.1	28	10	143	2.04	8	5	ND	ND	14	1	2	2	24	0.16	0.02	12	17	0.37	157	0.07	5	2.18	0.01	0.01	1	1
S	L18W 675S	1	18	36	202	0.1	24	6	552	1.63	7	5	ND	ND	15	1	2	2	22	0.20	0.05	8	11	0.21	163	0.11	5	2.28	0.01	0.02	1	1
S	L18W 700S	1	158	16	96	0.1	21	9	144	1.88	12	5	ND	ND	14	1	2	2	22	0.16	0.02	11	13	0.32	103	0.07	5	1.79	0.01	0.01	1	1
S	L18W 725S	3	620	11	195	0.4	26	16	147	2.27	10	5	ND	ND	9	1	2	2	29	0.10	0.02	10	18	0.40	136	0.06	5	2.13	0.01	0.01	3	1
S	L18W 750S	3	412	16	103	0.2	25	13	200	2.26	11	5	ND	ND	7	1	2	2	26	0.08	0.02	18	20	0.53	157	0.04	5	1.56	0.01	0.01	3	1
S	L18W 775S	2	160	12	124	0.1	20	10	224	3.19	9	5	ND	ND	11	1	2	2	26	0.13	0.05	8	15	0.37	91	0.08	5	1.60	0.01	0.01	1	1
S	L18W 800S	1	78	17	201	0.4	25	9	446	2.65	6	5	ND	ND	14	1	5	2	32	0.15	0.07	5	11	0.25	136	0.12	5	2.39	0.01	0.03	4	1
S	L18W 825S	1	37	23	164	0.1	14	7	633	3.36	11	5	ND	ND	17	1	2	2	28	0.21	0.08	6	13	0.23	103	0.09	5	1.43	0.01	0.02	4	1
S	L18W 850S	3	133	28	117	0.3	26	18	447	3.13	10	5	ND	ND	7	1	6	2	25	0.09	0.06	22	20	0.70	49	0.03	5	1.39	0.01	0.01	2	1
S	L18W 875S	1	23	14	108	0.3	25	11	342	1.77	2	5	ND	ND	9	1	2	2	24	0.09	0.07	14	10	0.29	86	0.06	5	1.38	0.01	0.01	1	1
S	L18W 900S	1	35	19	79	0.2	26	10	357	1.79	5	5	ND	ND	13	1	2	2	20	0.13	0.06	13	10	0.32	89	0.04	5	1.45	0.01	0.01	45	1
S	L18W 925S	1	13	17	78	0.1	28	8	546	1.71	9	5	ND	ND	17	1	2	2	31	0.18	0.10	6	10	0.27	89	0.09	5	1.52	0.01	0.02	4	1
S	L18W 950S	2	30	1	106	0.4	37	12	194	1.89	15	5	ND	ND	9	1	2	2	22	0.07	0.05	11	17	0.41	106	0.05	5	1.69	0.01	0.02	1	1
S	L18W 1000S	2	149	30	279	0.2	41	20	428	3.33	20	5	ND	ND	30	1	2	2	24	0.74	0.06	24	25	0.76	47	0.02	5	1.27	0.01	0.01	3	1
S	L18W 1025S	2	69	13	494	0.1	31	12	407	2.96	16	5	ND	ND	14	1	2	2	24	0.14	0.04	23	20	0.65	48	0.02	5	1.23	0.01	0.01	5	1

CERTIFIED BY : _____

ROSSBACHER LABORATORY LTD.

2225 S. Springer Ave., Burnaby,
British Columbia, Can. V5B 3B1
Ph:(604)299-6910 Fax:299-6252

CERTIFICATE OF ANALYSIS

TO : MPH CONSULTING LTD.
#2406-555 W. HASTINGS ST.
VANCOUVER, B.C.
PROJECT : V 298
TYPE OF ANALYSIS : ICP

CERTIFICATE # : 90485
INVOICE # : 20002
DATE ENTERED : 90-10-02
FILE NAME : MPH90485.I
PAGE # : 4

PRE FIX	SAMPLE NAME	PPM MO	PPM CU	PPM PB	PPM ZN	PPM AG	PPM NI	PPM CO	PPM MN	% FE	PPM AS	PPM U	PPM AU	PPM HG	PPM SR	PPM CD	PPM SB	PPM BI	PPM V	% CA	% P	PPM LA	PPM CR	% MG	PPM BA	% TI	PPM B	% AL	% NA	% K	PPM W	PPM BE
S	L18W 1050S	2	78	16	628	0.2	35	15	947	2.94	14	5	ND	ND	27	2	2	2	27	0.26	0.08	21	20	0.60	90	0.03	5	1.46	0.01	0.01	2	1
S	L18W 1075S	2	44	13	85	0.2	32	15	595	2.59	16	5	ND	ND	18	1	2	2	22	0.25	0.07	19	15	0.51	60	0.02	5	0.88	0.01	0.01	1	1
S	L18W 1100S	2	79	25	86	0.3	27	16	497	2.44	18	5	ND	ND	23	1	2	2	25	0.33	0.05	18	14	0.48	56	0.03	5	0.91	0.01	0.01	3	1
S	L18W 1125S	2	65	23	74	0.5	28	15	257	2.47	13	5	ND	ND	23	1	2	2	27	0.26	0.06	22	15	0.56	50	0.03	5	1.06	0.01	0.01	4	1
S	L18W 1150S	1	28	11	100	0.3	17	9	198	1.83	11	5	ND	ND	16	2	2	2	25	0.18	0.09	11	10	0.29	81	0.05	5	1.35	0.01	0.02	1	1
S	L18W 1175S	2	11	14	60	0.1	16	6	235	1.53	9	5	ND	ND	30	1	2	2	20	0.36	0.08	6	7	0.16	65	0.10	5	2.59	0.01	0.03	1	1
S	L18W 1200S	2	31	14	99	0.3	33	15	230	3.12	11	5	ND	ND	32	1	2	2	24	0.36	0.04	12	14	0.44	82	0.06	5	2.05	0.01	0.02	1	1
S	L18W 1225S	2	26	9	72	0.1	22	13	1166	1.90	12	5	ND	ND	21	1	2	2	24	0.23	0.03	20	15	0.38	77	0.03	5	0.73	0.01	0.01	4	1
S	L18W 1250S	2	58	23	92	0.1	28	11	363	2.28	10	5	ND	ND	20	1	2	2	26	0.22	0.06	20	18	0.46	78	0.04	5	1.14	0.01	0.01	4	1
S	L18W 1275S	2	86	25	76	0.1	30	15	432	2.55	12	5	ND	ND	21	1	2	2	19	0.24	0.09	22	15	0.43	53	0.03	5	0.74	0.01	0.01	6	1

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CERTIFICATE OF ANALYSIS

TO : MPH CONSULTING LTD.
#2406-555 W. HASTINGS ST.
VANCOUVER, B.C.
PROJECT : V 298
TYPE OF ANALYSIS : ICP

CERTIFICATE # : 90493
INVOICE # : 20004
DATE ENTERED : 90-10-03
FILE NAME : MPH90493.I
PAGE # : 1

ROCKS

PREFIX	SAMPLE NAME	PPM MO	PPM CU	PPM PB	PPM ZN	PPM AG	PPM NI	PPM CO	PPM MN	% FE	PPM AS	PPM U	PPM AU	PPM HG	PPM SR	PPM CD	PPM SB	PPM BI	PPM V	% CA	% P	PPM LA	PPM CR	% MG	PPM BA	% TI	PPM B	% AL	% NA	% SI	PPM W	PPM BE	PPB Au AA
A	9092501	4	1693	78	53999	1.6	33	30	7667	12.51	9	5	ND	7	184	270	54	2	2	3.97	0.11	12	12	0.54	18	0.01	50	0.31	0.01	0.04	8	1	40
A	9092502	1	1314	27	713	0.2	22	20	370	11.02	4	5	ND	ND	32	5	2	2	5	0.75	0.03	3	14	0.84	8	0.01	40	0.46	0.01	0.03	6	1	5
A	9092503	1	841	80	407	0.3	23	66	537	14.43	2	5	ND	ND	4	5	2	2	16	0.09	0.02	5	8	0.82	30	0.03	35	1.02	0.01	0.02	1	1	5
A	9092504	7	5802	11	215	1.0	66	15	370	4.64	9	5	ND	ND	93	2	2	2	31	0.82	0.08	53	14	1.69	146	0.14	25	1.50	0.01	0.03	3	1	50
A	9092505	3	101	9	78	0.1	13	5	282	3.24	8	5	ND	ND	4	1	2	2	8	0.01	0.03	14	5	0.59	35	0.01	5	0.99	0.01	0.03	1	1	5
S	L16WB 000S	2	21	34	118	0.1	36	5	315	2.77	7	5	ND	ND	19	1	2	2	35	0.19	0.09	8	1	0.34	152	0.11	5	2.91	0.06	0.04	1	1	5
S	L16WB 025S	2	20	18	68	0.1	36	5	418	2.18	5	5	ND	ND	18	1	2	2	25	0.19	0.05	6	1	0.26	136	0.09	5	2.48	0.03	0.02	1	1	5
S	L16WB 050S	1	23	10	55	0.4	31	2	323	2.24	10	5	ND	ND	16	1	2	2	27	0.20	0.07	7	1	0.21	90	0.14	5	2.94	0.05	0.03	1	1	5
S	L16WB 075S	1	15	18	48	0.3	23	3	165	1.72	10	5	ND	ND	15	1	2	2	25	0.11	0.06	6	1	0.17	90	0.09	5	1.90	0.01	0.02	1	1	5
S	L16WB 100S	2	35	8	85	0.1	23	11	646	3.71	11	5	ND	ND	18	2	2	2	32	0.22	0.17	7	1	0.25	123	0.09	5	1.85	0.01	0.02	1	1	5
S	L16WB 125S	1	12	4	43	0.1	20	2	211	1.79	5	5	ND	ND	10	1	2	2	20	0.10	0.06	6	7	0.23	71	0.07	5	1.97	0.01	0.02	1	1	5
S	L16WB 150S	1	13	22	74	0.1	37	3	404	1.78	2	5	ND	ND	13	1	2	2	20	0.15	0.10	7	7	0.25	91	0.09	5	2.31	0.01	0.03	1	1	5
S	L16WB 175S	1	14	22	71	0.1	35	2	616	2.00	7	5	ND	ND	20	1	6	2	21	0.25	0.27	5	8	0.16	86	0.11	5	2.76	0.01	0.05	1	1	5
S	L16WB 200S	1	16	9	103	0.1	47	9	510	1.92	3	5	ND	ND	14	1	2	2	22	0.15	0.08	7	8	0.29	97	0.06	5	1.48	0.02	0.02	1	1	5
S	L16WB 225S	1	18	14	123	0.3	45	9	647	2.16	3	5	ND	ND	19	1	2	2	26	0.22	0.19	7	9	0.36	142	0.07	5	1.80	0.01	0.02	1	1	5
S	L16WB 250S	1	47	21	115	0.3	34	16	1301	3.70	3	5	ND	ND	26	1	2	2	29	0.32	0.06	15	10	0.44	116	0.04	5	1.75	0.01	0.01	1	1	5
S	L16WB 275S	1	8	14	54	0.1	12	2	268	1.25	2	5	ND	ND	20	1	2	2	19	0.23	0.20	3	4	0.09	59	0.08	5	1.73	0.01	0.04	1	1	5
S	L16WB 300S	1	14	10	92	0.1	32	7	621	1.81	4	5	ND	ND	17	1	2	2	20	0.19	0.10	10	8	0.29	136	0.07	5	1.86	0.01	0.02	1	1	5
S	L16WB 325S	1	42	7	80	0.4	57	9	335	4.09	5	5	ND	ND	23	1	2	2	55	0.22	0.12	11	10	0.56	154	0.16	5	3.35	0.04	0.02	1	2	5
S	L16WB 350S	1	18	15	105	0.1	37	8	502	2.10	2	5	ND	ND	15	1	2	2	28	0.19	0.12	5	7	0.19	100	0.11	5	2.31	0.01	0.03	1	1	5
S	L18WB 075S	2	13	2	44	0.1	27	7	407	1.80	8	5	ND	ND	14	1	2	2	23	0.13	0.12	5	8	0.18	86	0.07	5	1.57	0.01	0.02	1	1	5
S	L18WB 100S	1	13	10	60	0.1	33	8	470	1.85	12	5	ND	ND	15	1	2	2	22	0.15	0.11	6	9	0.26	99	0.07	5	1.60	0.01	0.02	1	1	5
S	L18WB 125S	1	15	7	56	0.2	33	7	389	2.03	4	5	ND	ND	16	1	2	2	23	0.20	0.14	10	11	0.23	97	0.07	5	2.16	0.01	0.04	1	1	5
S	L18WB 150S	1	12	7	49	0.4	21	5	354	1.84	12	5	ND	ND	12	1	2	2	25	0.12	0.12	4	8	0.18	64	0.08	5	1.43	0.01	0.02	1	1	5
S	L18WB 175S	1	20	16	68	0.3	32	9	297	2.11	7	5	ND	ND	18	1	2	2	22	0.21	0.10	10	11	0.33	99	0.07	5	1.81	0.02	0.02	1	1	5
S	L18WB 200S	1	11	9	53	0.4	24	4	379	1.76	5	5	ND	ND	13	1	2	2	22	0.16	0.16	6	8	0.15	82	0.10	5	2.32	0.03	0.03	1	1	5
S	L18WB 225S	1	11	11	56	0.1	31	7	444	1.77	12	5	ND	ND	13	1	2	2	22	0.12	0.12	7	9	0.22	99	0.08	5	1.79	0.01	0.03	1	1	5
S	L18WB 250S	1	12	5	45	0.3	26	7	279	1.75	8	5	ND	ND	13	1	2	2	18	0.12	0.11	8	9	0.24	78	0.05	5	1.48	0.01	0.02	1	1	5
S	L18WB 275S	1	12	7	48	0.4	27	5	174	1.70	8	5	ND	ND	11	1	2	2	19	0.18	0.08	8	9	0.21	75	0.07	5	1.71	0.01	0.02	1	1	5
S	L18WB 300S	1	13	12	44	0.2	24	8	176	1.86	3	5	ND	ND	12	1	2	2	19	0.12	0.05	11	11	0.35	53	0.04	5	1.17	0.01	0.01	1	1	5
S	L18WB 325S	1	12	8	49	0.2	23	4	190	1.76	4	5	ND	ND	12	1	2	2	19	0.12	0.09	7	9	0.20	88	0.08	5	2.16	0.02	0.03	1	1	5
S	L21WB 075S	1	19	8	61	0.6	48	13	218	2.28	2	5	ND	ND	16	1	2	2	26	0.26	0.01	6	18	0.39	159	0.08	5	2.41	0.01	0.01	1	1	5
S	L21WB 100S	1	14	3	48	0.4	19	3	155	1.56	2	5	ND	ND	12	1	2	2	22	0.10	0.03	5	9	0.17	134	0.08	5	1.59	0.01	0.01	1	1	5
S	L21WB 125S	1	11	1	56	0.5	14	5	572	1.53	2	5	ND	ND	13	1	2	7	26	0.17	0.05	5	6	0.11	95	0.10	5	1.67	0.01	0.02	1	1	5
S	L21WB 150S	1	21	2	92	0.4	82	14	417	2.83	2	5	ND	ND	14	1	2	2	30	0.12	0.06	8	14	0.40	128	0.07	5	2.04	0.01	0.02	1	1	5
S	L21WB 175S	1	15	1	44	0.5	23	2	150	1.84	2	5	ND	ND	13	1	2	2	16	0.09	0.03	9	9	0.31	87	0.04	5	1.43	0.04	0.01	1	1	5
S	L21WB 200S	1	10	3	34	0.5	14	3	152	1.57	2	5	ND	ND	10	1	2	2	25	0.09	0.03	6	7	0.14	60	0.07	5	1.33	0.06	0.03	1	1	5
S	L21WB 225S	2	8	1	31	0.3	11	3	241	1.52	2	5	ND	ND	10	1	2	2	27	0.12	0.03	4	6	0.11	51	0.07	5	1.11	0.03	0.02	1	1	5
S	L21WB 250S	2	12	31	39	0.4	22	4	264	1.85	2	5	ND	ND	13	1	2	2	20	0.13	0.05	7	10	0.17	81	0.08	5	2.09	0.01	0.02	1	1	5
S	L21WB 275S	1	11	13	37	0.1	20	4	109	1.45	7	5	ND	ND	6	2	2	4	17	0.06	0.03	7	9	0.19	55	0.04	5	1.18	0.01	0.02	1	1	5

CERTIFIED BY : J. Rossbach

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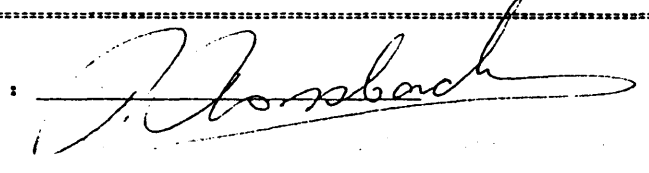
CERTIFICATE OF ANALYSIS

TO : MPH CONSULTING LTD.
#2406-555 W. HASTINGS ST.
VANCOUVER, B.C.

PROJECT : V 298
TYPE OF ANALYSIS : ICP

CERTIFICATE # : 90493
INVOICE # : 20004
DATE ENTERED : 90-10-03
FILE NAME : MPH90493.I
PAGE # : 2

PRE FIX	SAMPLE NAME	PPM MO	PPM CU	PPM PB	PPM ZN	PPM AG	PPM NI	PPM CO	PPM MN	% FE	PPM AS	PPM U	PPM AU	PPM HG	PPM SR	PPM CD	PPM SB	PPM BI	PPM V	% CA	% P	PPM LA	PPM CR	% MG	PPM BA	% TI	PPM B	% AL	% NA	% SI	PPM W	PPM BE	PPB Au	PPB AA
S	L21WB 300S	1	12	14	62	0.1	20	3	200	1.68	2	5	ND	ND	11	1	5	4	20	0.09	0.04	7	8	0.21	85	0.05	5	1.39	0.01	0.02	1	1	5	
S	L21WB 325S	1	12	30	86	0.1	22	7	310	1.89	4	5	ND	ND	11	1	4	2	25	0.14	0.03	8	9	0.24	73	0.06	5	1.37	0.01	0.02	1	1	5	
S	L21WB 350S	1	90	12	114	0.1	65	14	378	5.57	2	5	ND	ND	22	2	2	2	56	0.10	0.04	6	47	1.04	219	0.15	5	1.83	0.01	0.01	1	1	5	
S	L21WB 375S	1	24	15	83	0.1	30	9	199	2.35	5	5	ND	ND	10	1	5	2	25	0.07	0.03	13	9	0.43	81	0.04	5	1.38	0.01	0.01	1	1	5	
S	L21WB 400S	1	12	10	64	0.1	29	4	348	1.84	3	5	ND	ND	18	1	5	2	22	0.20	0.06	6	5	0.22	96	0.08	5	2.12	0.01	0.03	1	1	5	
S	L21WB 425S	2	23	12	70	0.1	34	7	205	2.27	2	5	ND	ND	9	1	2	2	22	0.05	0.07	13	8	0.39	145	0.05	5	2.02	0.03	0.03	1	1	5	
S	L21WB 450S	1	20	12	77	0.4	32	1	219	2.29	2	5	ND	ND	19	2	2	2	20	0.13	0.04	8	6	0.27	203	0.10	5	2.98	0.02	0.02	1	1	5	
S	L21WB 475S	1	12	12	77	0.1	23	1	240	2.07	2	5	ND	ND	12	2	2	2	21	0.11	0.05	6	5	0.19	75	0.11	5	2.91	0.04	0.04	1	1	5	
S	L21WB 500S	1	15	7	86	0.2	29	5	283	2.07	2	5	ND	ND	11	1	2	4	22	0.11	0.04	10	10	0.41	102	0.05	5	1.55	0.01	0.01	1	1	5	
S	L21WB 525S	1	20	8	61	0.1	27	4	159	1.83	10	5	ND	ND	7	1	4	2	18	0.06	0.03	9	10	0.34	108	0.03	5	1.19	0.01	0.01	2	1	5	
S	L21WB 550S	2	23	25	152	0.3	52	7	242	2.61	7	5	ND	ND	17	1	2	2	21	0.20	0.04	8	11	0.31	211	0.06	5	2.13	0.01	0.02	1	1	5	
S	L21WB 575S	2	18	16	83	0.1	20	4	276	1.74	7	5	ND	ND	10	1	2	2	18	0.11	0.03	8	8	0.25	112	0.04	5	1.27	0.01	0.01	1	1	5	
S	L21WB 600S	2	29	8	69	0.2	24	5	180	2.12	8	5	ND	ND	9	1	2	2	18	0.07	0.03	13	12	0.41	92	0.03	5	1.12	0.01	0.01	1	1	5	
S	L21WB 625S	3	43	12	100	0.1	32	4	294	2.35	10	5	ND	ND	16	1	2	2	25	0.13	0.06	8	10	0.28	207	0.09	5	2.19	0.01	0.02	1	1	5	
S	L21WB 650S	1	31	13	51	0.1	23	7	132	2.07	10	5	ND	ND	6	1	6	2	16	0.06	0.02	13	9	0.32	58	0.03	5	0.93	0.03	0.01	1	1	5	
S	L21WB 675S	1	40	7	76	0.1	25	4	142	1.87	4	5	ND	ND	11	1	2	2	17	0.08	0.03	13	9	0.31	160	0.05	5	1.52	0.02	0.01	2	1	5	
S	L21WB 700S	2	30	22	84	0.3	30	5	192	2.07	9	5	ND	ND	10	1	3	2	20	0.08	0.02	16	12	0.42	108	0.05	5	1.36	0.04	0.01	1	1	5	
S	L21WB 725S	1	21	5	83	0.1	30	1	257	1.66	8	5	ND	ND	13	1	5	2	19	0.13	0.10	7	7	0.20	111	0.08	5	1.98	0.01	0.03	1	1	5	
S	L21WB 750S	1	64	14	82	0.1	30	7	262	1.89	14	5	ND	ND	11	1	2	2	19	0.10	0.05	10	10	0.32	115	0.06	5	1.50	0.01	0.01	1	1	5	
S	L21WB 775S	2	24	11	86	0.1	31	3	258	2.01	5	5	ND	ND	12	1	2	2	20	0.13	0.08	9	11	0.29	127	0.08	5	2.09	0.01	0.03	1	1	5	
S	L21WB 800S	2	31	8	63	0.2	25	4	169	2.06	9	5	ND	ND	9	1	2	2	17	0.07	0.03	14	12	0.40	106	0.04	5	1.26	0.01	0.01	1	1	5	
S	L21WB 825S	2	44	10	68	0.1	23	5	164	2.22	7	5	ND	ND	7	1	3	2	18	0.07	0.04	15	12	0.41	53	0.03	5	1.15	0.01	0.01	1	1	5	
S	L21WB 850S	2	52	20	77	0.1	25	7	168	2.16	4	5	ND	ND	9	1	2	2	18	0.08	0.06	15	13	0.42	91	0.04	5	1.25	0.01	0.01	1	1	5	
S	L21WB 875S	1	27	12	885	0.2	24	2	202	2.12	5	5	ND	ND	11	2	2	2	21	0.19	0.04	10	11	0.34	90	0.06	5	1.56	0.01	0.02	1	1	5	
S	L21WB 900S	1	16	14	143	0.1	24	2	267	1.59	2	5	ND	ND	11	1	2	2	17	0.11	0.05	10	9	0.27	105	0.05	5	1.45	0.04	0.01	1	1	5	
S	L21WB 925S	1	27	13	85	0.1	24	3	157	2.03	2	5	ND	ND	7	1	2	2	20	0.04	0.04	13	11	0.36	96	0.05	5	1.54	0.03	0.02	1	1	5	
S	L21WB 950S	1	18	8	89	0.5	22	1	208	1.97	2	5	ND	ND	10	1	2	2	18	0.10	0.11	13	10	0.33	58	0.05	5	1.61	0.02	0.03	1	1	5	
S	L21WB 975S	1	18	8	82	0.4	15	1	265	1.72	3	5	ND	ND	13	1	2	2	18	0.17	0.17	8	8	0.20	49	0.08	5	2.19	0.05	0.04	1	1	5	
S	L21WB 1000S	2	22	7	47	0.3	20	2	128	1.89	4	5	ND	ND	27	1	2	2	16	0.26	0.02	11	10	0.27	83	0.05	5	1.57	0.01	0.01	1	1	5	
S	L21WB 1025S	1	64	1	53	0.1	21	5	157	1.89	9	5	ND	ND	6	1	2	2	14	0.06	0.02	15	12	0.34	26	0.02	5	0.62	0.01	0.01	1	1	5	
S	L21WB 1050S	1	66	10	250	0.4	33	9	287	2.58	5	5	ND	ND	8	2	3	2	22	0.09	0.04	17	19	0.54	37	0.03	5	0.93	0.01	0.01	1	1	5	
S	L21WB 1100S	1	53	19	86	0.5	42	14	429	2.86	15	5	ND	ND	28	1	2	2	21	0.38	0.07	18	18	0.55	88	0.02	5	0.98	0.01	0.01	3	1	5	
S	L21WB 1150S	1	18	2	75	0.1	34	7	236	2.12	4	5	ND	ND	9	1	5	2	26	0.12	0.04	10	17	0.46	123	0.05	5	1.40	0.01	0.01	1	1	5	
S	L21WB 1175S	1	33	10	90	0.3	47	9	385	2.91	4	5	ND	ND	13	2	2	2	33	0.19	0.08	15	24	0.77	110	0.05	5	1.31	0.01	0.01	1	1	5	
S	L21WB 1200S	1	34	5	105	0.4	46	10	308	2.88	5	5	ND	ND	8	1	2	2	28	0.09	0.12	16	19	0.63	156	0.04	5	1.50	0.03	0.01	1	1	5	
S	L21WB 1225S	1	38	10	82	0.4	46	10	321	2.88	4	5	ND	ND	11	2	2	2	34	0.18	0.10	19	19	0.76	90	0.05	5	1.19	0.02	0.01	1	1	5	
S	L21WB 1250S	1	33	12	137	0.1	48	8	430	2.96	9	5	ND	ND	16	2	2	2	31	0.15	0.26	12	13	0.50	162	0.06	5	1.93	0.04	0.03	1	1	5	
S	L21WB 1275S	1	16	10	118	0.2	24	1	514	2.12	19	5	ND	ND	18	2	2	2	27	0.21	0.52	8	5	0.15	127	0.11	5	3.16	0.01	0.04	1	1	5	
S	L21WB 1300S	1	23	14	122	0.1	30	5	706	1.85	15	5	ND	ND	23	1	6	2	21	0.23	0.18	8	10	0.28	133	0.05	5	1.21	0.01	0.01	1	1	5	
S	L21WB 1325S	2	29	12	92	0.1	34	8	291	2.84	8	5	ND	ND	9	1	6	2	22	0.12	0.07	19	17	0.65	75	0.02	5	1.21	0.01	0.01	1	1	5	

CERTIFIED BY : 

ROSSBACHER LABORATORY LTD.

2225 S. Springer Ave., Burnaby,
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CERTIFICATE OF ANALYSIS

TO : MPH CONSULTING LTD.
#2406-555 W. HASTINGS ST.
VANCOUVER, B.C.
PROJECT : V 298
TYPE OF ANALYSIS : ICP

CERTIFICATE # : 90493
INVOICE # : 20004
DATE ENTERED : 90-10-03
FILE NAME : MPH90493.I
PAGE # : 3

PRE FIX	SAMPLE NAME	PPM MO	PPM CU	PPM PB	PPM ZN	PPM AG	PPM NI	PPM CO	PPM MN	% FE	PPM AS	PPM U	PPM AU	PPM HG	PPM SR	PPM CD	PPM SB	PPM BI	PPM V	% CA	% P	PPM LA	PPM CR	% MG	PPM BA	% TI	PPM B	% AL	% NA	% SI	PPM W	PPM BE	PPB Au	PPB AA
S	L21W8 1350S	2	26	10	109	0.1	36	7	433	2.72	10	5	ND	ND	15	1	2	2	21	0.18	0.12	14	14	0.48	102	0.02	5	1.16	0.01	0.01	1	1	5	
S	L21W8 1375S	1	21	16	125	0.1	35	4	598	2.36	4	5	ND	ND	12	1	6	2	22	0.13	0.14	15	13	0.42	190	0.03	5	1.33	0.01	0.01	1	1	5	
S	L21W8 1400S	1	36	18	109	0.1	49	11	463	3.24	8	5	ND	ND	11	1	2	2	39	0.15	0.12	16	23	0.79	124	0.05	5	1.44	0.01	0.01	1	1	5	
S	L26W 050N	1	9	12	69	0.1	8	1	504	1.69	2	5	ND	ND	7	1	2	2	28	0.06	0.08	6	5	0.09	64	0.09	5	1.70	0.01	0.05	1	1	5	
S	L26W 075N	1	15	7	72	0.1	12	1	195	2.09	2	5	ND	ND	11	2	2	2	18	0.12	0.10	5	5	0.09	66	0.14	5	3.72	0.01	0.05	1	1	5	
S	L26W 100N	1	8	4	59	0.1	10	3	1332	1.31	7	5	ND	ND	5	1	3	2	23	0.05	0.04	6	5	0.13	70	0.05	5	0.76	0.07	0.01	1	1	5	
S	L26W 125N	1	45	9	91	0.2	27	10	542	3.11	2	5	ND	ND	15	1	2	2	27	0.18	0.04	16	12	0.47	90	0.05	5	1.45	0.02	0.02	1	1	5	
S	L26W 150N	2	32	20	93	0.1	12	2	433	0.57	23	5	ND	ND	198	1	4	2	8	3.49	0.08	8	4	0.23	169	0.01	40	0.38	0.03	0.01	2	1	5	
S	L26W 200N	3	36	7	83	0.1	31	9	375	3.10	16	5	ND	ND	11	1	2	6	24	0.10	0.03	15	16	0.42	53	0.02	5	0.94	0.03	0.01	3	1	5	
S	L26W 225N	3	12	16	135	0.1	3	2	140	0.20	25	5	ND	ND	98	1	8	4	5	1.61	0.06	1	3	0.13	60	0.01	28	0.10	0.02	0.01	3	1	5	
S	L26W 250N	2	45	19	98	0.3	37	14	826	3.39	11	5	ND	ND	30	2	2	2	28	0.42	0.07	20	20	0.58	90	0.05	5	1.67	0.01	0.02	4	1	5	
S	L26W 275N	2	53	14	78	0.3	34	13	304	3.33	10	5	ND	ND	11	1	2	2	20	0.13	0.05	18	16	0.59	41	0.02	5	1.16	0.01	0.01	1	1	5	
S	L26W 875S	2	13	13	63	0.5	19	7	240	1.97	11	5	ND	ND	4	1	2	2	26	0.04	0.18	8	9	0.18	87	0.08	5	2.05	0.01	0.06	1	1	5	
S	L26W 900S	2	43	20	105	0.5	53	19	256	3.82	15	5	ND	ND	7	2	2	2	34	0.08	0.09	18	18	0.67	116	0.04	5	1.67	0.01	0.01	1	1	5	
S	L28W 025N	2	45	27	80	0.5	32	12	552	3.08	16	5	ND	ND	14	1	2	2	26	0.16	0.09	20	13	0.52	66	0.06	5	1.70	0.01	0.02	2	1	5	
S	L28W 050N	2	45	19	95	0.4	34	14	675	3.22	13	5	ND	ND	15	1	2	3	27	0.18	0.09	21	14	0.57	87	0.05	5	1.60	0.01	0.02	3	1	5	
S	L28W 075N	2	23	22	70	0.5	23	12	422	2.54	14	5	ND	ND	7	1	2	5	22	0.07	0.07	16	11	0.46	42	0.02	5	0.91	0.01	0.01	2	1	5	
S	L28W 100N	2	58	11	163	0.5	48	14	3572	2.56	15	5	ND	ND	92	1	2	2	22	1.29	0.09	20	11	0.39	194	0.02	5	1.14	0.01	0.01	1	1	5	
S	L28W 125N	2	107	32	132	0.6	82	18	1037	4.50	22	5	ND	ND	64	2	2	2	30	0.66	0.09	32	19	0.45	228	0.03	11	2.27	0.01	0.01	1	2	5	
S	L28W 150N	2	22	8	77	0.1	33	13	272	2.94	12	5	ND	ND	10	1	2	2	39	0.14	0.08	10	14	0.43	68	0.03	5	1.14	0.01	0.01	2	1	5	
S	L28W 175N	1	16	11	77	0.2	23	10	231	2.00	4	5	ND	ND	9	1	2	2	21	0.12	0.04	12	9	0.39	67	0.03	5	1.17	0.01	0.01	1	1	5	
S	L28W 200N	2	13	1	40	0.6	13	4	356	1.79	5	5	ND	ND	12	1	2	2	21	0.10	0.27	5	5	0.09	78	0.14	5	3.83	0.04	0.04	1	1	5	
S	L28W 225N	2	7	8	26	0.4	8	5	363	0.98	10	5	ND	ND	10	1	2	2	15	0.07	0.14	3	3	0.04	72	0.08	5	1.72	0.03	0.06	2	1	5	
S	L28W 250N	2	14	1	85	0.6	30	9	353	2.03	2	5	ND	ND	21	1	2	2	23	0.24	0.12	10	9	0.31	104	0.07	5	1.91	0.02	0.04	2	1	5	
S	L28W 275N	2	13	1	48	0.6	15	5	687	1.74	2	5	ND	ND	13	1	2	2	19	0.10	0.25	6	5	0.07	77	0.13	5	3.24	0.01	0.05	1	1	5	
S	L28W 300N	1	14	4	141	0.6	21	10	559	2.35	12	5	ND	ND	17	1	2	2	30	0.20	0.29	8	10	0.26	193	0.07	5	1.45	0.01	0.03	2	1	5	
S	L28W 875S	2	20	4	103	0.6	27	13	760	2.41	7	5	ND	ND	15	1	2	2	28	0.16	0.29	8	13	0.34	195	0.05	5	1.57	0.01	0.03	1	1	5	
S	L28W 900S	3	209	7	323	0.1	427	75	1009	6.48	65	5	ND	ND	24	2	3	2	68	0.30	0.20	24	49	1.01	302	0.05	5	2.56	0.03	0.01	1	2	5	
A	9T09 2700	1	750	3	86	0.1	60	42	225	15.42	2	5	ND	ND	6	1	2	2	5	0.11	0.01	4	24	0.79	19	0.01	36	0.83	0.01	0.01	1	1	5	
A	9T09 2701	1	167	16	34	0.2	155	43	535	4.63	12	5	ND	ND	97	1	4	2	5	4.51	0.03	3	2	0.23	22	0.04	25	2.39	0.06	0.05	1	1	5	

CERTIFIED BY : J. Rossbacher

ROSSBACHER LABORATORY LTD.

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CERTIFICATE OF ANALYSIS

TO : MPH CONSULTING LTD.
#2406-555 W. HASTINGS ST.
VANCOUVER, B.C.

PROJECT : V 298
TYPE OF ANALYSIS : ICP

CERTIFICATE # : 90520
INVOICE # : 20045
DATE ENTERED : 90-10-17
FILE NAME : MPH90520.I
PAGE # : 2

PRE FIX	SAMPLE NAME	PPM MO	PPM CU	PPM PB	PPM ZN	PPM AG	PPM NI	PPM CO	PPM MN	% FE	PPM AS	PPM U	PPM AU	PPM HG	PPM SR	PPM CD	PPM SB	PPM BI	PPM V	% CA	% P	PPM LA	PPM CR	% MG	PPM BA	% TI	PPM B	% AL	% NA	% SI	PPM W	PPM BE	PPB Au AA
S	L2E 075S	1	32	24	108	0.2	34	5	314	2.43	5	5	ND	ND	16	1	2	2	25	0.15	0.09	14	13	0.29	151	0.10	5	3.14	0.01	0.04	1	1	5
S	L2E 100S	1	91	30	148	0.4	38	7	356	2.51	9	5	ND	ND	24	1	2	2	27	0.20	0.06	16	15	0.32	119	0.06	5	2.06	0.01	0.01	1	1	5
S	L2E 125S	1	127	27	66	0.1	23	2	149	1.62	9	5	ND	ND	13	1	2	7	19	0.09	0.01	13	11	0.22	80	0.05	5	1.37	0.01	0.01	1	1	5
S	L2E 150S	1	131	26	92	0.4	31	4	475	2.44	10	5	ND	ND	18	1	2	4	28	0.16	0.02	21	21	0.37	101	0.06	5	1.53	0.01	0.01	1	1	5
S	L2E 175S	1	46	18	89	0.2	27	8	129	2.14	7	5	ND	ND	7	1	2	5	22	0.05	0.05	15	18	0.30	87	0.06	5	1.69	0.01	0.02	1	1	5
S	L2E 200S	1	29	18	64	0.3	24	5	183	1.88	7	5	ND	ND	11	1	2	2	20	0.11	0.06	11	16	0.25	125	0.06	5	1.78	0.01	0.01	1	1	5
S	L2E 225S	1	36	27	94	0.2	41	8	159	2.17	9	5	ND	ND	14	1	2	2	21	0.08	0.05	10	20	0.31	358	0.08	5	2.76	0.01	0.02	1	1	5
S	L2E 250S	1	17	19	78	0.2	23	4	269	1.79	7	5	ND	ND	15	1	2	2	23	0.17	0.11	9	16	0.20	126	0.08	5	2.04	0.01	0.03	2	1	5
S	L17WB 275S	1	14	14	106	0.1	38	8	495	1.99	10	5	ND	ND	16	1	3	2	22	0.16	0.04	8	19	0.25	155	0.09	5	2.41	0.01	0.02	1	1	5
S	L17WB 675S	1	32	26	117	0.4	32	8	375	3.16	11	5	ND	ND	17	1	2	4	34	0.18	0.01	27	34	0.64	108	0.08	5	1.86	0.01	0.01	1	2	5
S	L17WB 700S	1	18	16	103	0.2	32	6	315	2.03	4	5	ND	ND	18	1	2	2	27	0.15	0.09	11	24	0.36	222	0.12	5	2.69	0.01	0.01	1	1	5
S	L17WB 725S	1	16	15	128	0.2	25	9	345	1.98	6	5	ND	ND	16	1	2	2	23	0.14	0.03	13	20	0.37	133	0.06	5	1.62	0.01	0.01	2	1	5
S	L17WB 750S	1	23	16	88	0.3	21	7	325	1.97	7	5	ND	ND	15	1	2	2	23	0.20	0.03	9	18	0.31	86	0.04	5	1.31	0.01	0.01	3	1	5
S	L17WB 775S	1	59	22	79	0.1	29	7	222	2.02	10	5	ND	ND	19	1	2	4	23	0.27	0.04	8	21	0.24	91	0.10	5	2.28	0.01	0.02	2	1	5
S	L17WB 800S	2	444	19	103	0.8	25	8	122	2.12	10	5	ND	ND	10	1	2	2	29	0.10	0.04	7	21	0.22	81	0.11	5	2.40	0.01	0.02	1	1	5
S	L17WB 825S	2	84	14	67	0.1	16	5	138	1.59	4	5	ND	ND	7	1	2	3	28	0.06	0.02	7	16	0.15	63	0.08	5	1.48	0.01	0.02	1	1	5
S	L17WB 850S	3	277	16	121	0.1	32	13	256	3.10	7	5	ND	ND	10	1	2	2	30	0.11	0.06	8	28	0.41	85	0.09	5	2.08	0.01	0.02	1	1	5
S	L17WB 875S	2	281	21	114	0.1	28	11	197	3.18	9	5	ND	ND	5	1	2	2	23	0.04	0.03	16	33	0.57	72	0.03	5	1.65	0.01	0.02	1	1	5
S	L17WB 900S	1	29	19	124	0.2	19	7	193	1.85	10	5	ND	ND	9	1	2	2	24	0.09	0.06	8	18	0.17	63	0.07	5	1.60	0.01	0.03	1	1	5
S	L19WB 650S	1	24	24	129	0.2	28	10	310	2.09	11	5	ND	ND	15	1	2	2	27	0.18	0.03	10	22	0.25	134	0.09	5	2.05	0.01	0.02	1	1	5
S	L19WB 675S	1	35	15	83	0.3	31	9	179	2.42	13	5	ND	ND	16	1	2	2	27	0.21	0.02	16	31	0.46	126	0.06	5	1.89	0.01	0.01	3	1	5
S	L19WB 700S	1	163	17	125	0.4	30	9	216	2.26	10	5	ND	ND	16	1	2	2	33	0.14	0.03	10	25	0.33	199	0.09	5	2.07	0.01	0.01	1	1	5
S	L19WB 725S	1	82	16	47	0.3	19	8	104	2.00	6	5	ND	ND	11	1	2	7	24	0.10	0.01	10	23	0.32	119	0.06	5	1.73	0.01	0.01	1	1	5
S	L19WB 750S	1	82	14	71	0.1	22	9	125	2.21	5	5	ND	ND	10	1	2	2	25	0.10	0.03	15	25	0.36	119	0.06	5	1.74	0.01	0.02	1	1	5
S	L19WB 775S	2	165	18	128	0.3	27	9	248	2.41	5	5	ND	ND	10	1	2	2	26	0.09	0.07	12	24	0.29	156	0.11	5	2.89	0.01	0.03	1	1	5
S	L19W 800S	2	90	16	124	0.2	37	10	184	2.38	8	5	ND	ND	13	1	2	2	27	0.14	0.04	11	24	0.26	143	0.12	5	3.15	0.01	0.01	1	1	5
S	L19W 850S	1	73	178	304	0.4	34	15	278	2.60	8	5	ND	ND	8	1	3	2	29	0.07	0.03	13	29	0.44	153	0.08	5	2.17	0.01	0.01	1	1	5
S	L19W 875S	1	26	18	104	0.3	24	9	197	2.09	6	5	ND	ND	10	1	2	2	24	0.09	0.07	11	21	0.25	66	0.09	5	2.30	0.01	0.03	1	1	5
S	L19W 900S	1	21	14	82	0.2	25	10	305	1.88	7	5	ND	ND	13	1	2	4	22	0.12	0.10	12	24	0.37	93	0.06	5	1.43	0.01	0.02	1	1	5
S	L20W 500S	1	16	19	97	0.3	13	6	107	2.69	8	5	ND	ND	8	1	2	2	32	0.07	0.09	8	23	0.19	62	0.12	5	2.98	0.01	0.04	1	1	5
S	L20W 675S	5	45	112	209	0.2	47	43	3960	6.99	44	5	ND	ND	65	3	7	2	16	1.86	0.25	10	32	0.22	445	0.01	10	0.87	0.01	0.01	1	1	5
S	L20W 700S	1	11	17	85	0.2	10	8	432	1.98	3	5	ND	ND	13	1	2	3	24	0.16	0.20	9	15	0.18	95	0.07	5	1.66	0.01	0.03	1	1	5
S	L20W 725S	1	12	19	62	0.2	8	4	164	2.12	11	5	ND	ND	6	1	2	2	25	0.08	0.31	9	20	0.15	64	0.11	5	2.17	0.01	0.04	2	1	5
S	L20W 750S	1	15	24	91	0.2	12	6	433	2.44	10	5	ND	ND	12	1	2	2	28	0.13	0.46	9	25	0.19	122	0.10	5	2.78	0.01	0.06	1	1	5
S	L20W 775S	2	28	28	124	0.1	24	12	1467	2.85	11	5	ND	ND	19	1	2	2	24	0.20	0.06	20	30	0.45	180	0.03	5	1.28	0.01	0.01	1	1	5
S	L20W 800S	1	14	18	90	0.4	9	8	1049	2.62	9	5	ND	ND	15	1	2	2	31	0.14	0.25	11	21	0.15	156	0.10	5	2.30	0.01	0.04	1	1	5
S	L20W 825S	2	38	39	110	0.2	32	10	221	3.54	8	5	ND	ND	10	1	2	4	26	0.09	0.05	26	36	0.55	78	0.02	5	1.46	0.01	0.01	1	1	5
S	L20W 850S	2	29	39	196	0.3	28	16	840	3.02	13	5	ND	ND	48	1	2	4	27	0.56	0.07	20	33	0.47	159	0.09	5	2.41	0.01	0.03	1	1	5
S	L28W 125S	1	19	22	160	0.1	17	12	402	2.79	19	5	ND	ND	19	1	4	4	44	1.47	0.08	11	26	0.40	94	0.14	5	1.54	0.02	0.02	4	2	5
S	L28W 425S	1	12	22	83	0.1	17	9	410	1.68	13	5	ND	ND	14	1	2	6	25	0.15	0.11	7	17	0.19	97	0.09	5	1.08	0.01	0.01	3	1	5

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ROSSBACHER LABORATORY LTD.

2225 S. Springer Ave., Burnaby,
British Columbia, Can. V5B 3H1
Ph:(604)299-6910 Fax:299-6252

CERTIFICATE OF ANALYSIS

TO : MPH CONSULTING LTD.
#2406-555 W. HASTINGS ST.
VANCOUVER, B.C.
PROJECT : V 298
TYPE OF ANALYSIS : ICP

CERTIFICATE # : 90520
INVOICE # : 20045
DATE ENTERED : 90-10-17
FILE NAME : MPH90520.I
PAGE # : 3

PRE FIX	SAMPLE NAME	PPM MO	PPM CU	PPM PB	PPM ZN	PPM AG	PPM NI	PPM CO	PPM MN	% FE	PPM AS	PPM U	PPM AU	PPM HG	PPM SR	PPM CD	PPM SB	PPM BI	PPM V	% CA	% P	PPM LA	PPM CR	% MG	PPM BA	% TI	PPM B	% AL	% NA	% SI	PPM W	PPM BE	PPB Au AA
S	L28W 925S	4	132	20	175	0.6	155	43	1157	5.85	29	5	ND	ND	33	1	2	2	50	0.51	0.12	36	69	0.91	212	0.04	5	2.18	0.01	0.02	2	2	5
S	L28W 950S	2	27	21	79	0.1	35	13	174	3.69	17	5	ND	ND	17	1	2	5	47	0.22	0.17	14	34	0.52	132	0.05	5	1.76	0.01	0.01	1	2	5
S	L28W 975S	2	27	24	116	0.1	29	16	595	3.16	8	5	ND	ND	10	1	2	2	29	0.10	0.19	15	27	0.35	160	0.07	5	1.90	0.01	0.02	1	1	5
S	L28W 1000S	2	46	32	148	0.1	51	20	1035	3.61	15	5	ND	ND	54	1	2	2	33	0.56	0.11	15	40	0.65	216	0.05	5	2.21	0.01	0.01	1	1	5

CERTIFIED BY :

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APPENDIX III

Certificates of Analysis and Assay

c) drill core

ROSSBACHER LABORATORY LTD.

2225 S. Springer Ave., Burnaby,
British Columbia, Can. V5B 3N1
Ph:(604)299-6910 Fax:299-6252

CERTIFICATE OF ANALYSIS

TO : CME CONSULTING LTD.
#2405-555 WEST HASTINGS STREET
VANCOUVER, B.C.
PROJECT : 01 A
TYPE OF ANALYSIS : ICP

CERTIFICATE # : CME91001
INVOICE # : 20171
DATE ENTERED : 91-01-07
FILE NAME : CME91001
PAGE # : 1

PRE FIX	SAMPLE NAME	PPM MO	PPM CU	PPM PB	PPM ZN	PPM AG	PPM NI	PPM CO	PPM MN	% FE	PPM AS	PPM U	PPM AU	PPM HG	PPM SR	PPM CD	PPM SB	PPM BI	PPM V	% CA	% P	PPM LA	PPM CR	% MG	PPM BA	% TI	PPM B	% AL	% NA	% SI	PPM W	PPM BE	PPB Au AA
A	5501	1	41	10	12	0.1	8	3	535	0.96	14	5	ND	ND	85	1	5	2	2	1.67	0.02	10	42	0.06	57	0.01	5	0.26	0.01	0.04	2	1	5
A	5502	1	23	13	8	0.1	7	3	562	0.62	17	5	ND	ND	94	1	5	5	3	1.80	0.01	10	35	0.05	74	0.01	5	0.31	0.01	0.04	1	1	5
A	5503	1	30	32	33	0.1	42	10	923	1.30	31	5	ND	ND	128	1	3	2	11	2.92	0.02	11	70	0.48	67	0.01	5	0.60	0.01	0.04	1	1	5
A	5658	1	155	15	345	0.3	158	25	968	6.81	16	5	ND	ND	121	1	2	2	90	3.33	0.11	5	215	2.81	74	0.10	10	3.09	0.02	0.06	1	2	5
A	5659	1	1318	18	99	0.8	163	43	468	13.90	8	5	ND	ND	34	1	2	2	77	0.88	0.13	5	157	2.31	51	0.08	10	2.50	0.02	0.05	7	2	5
A	5660	2	1213	19	89	0.8	120	52	450	12.07	11	5	ND	ND	34	1	2	2	74	0.95	0.34	7	101	2.10	80	0.13	5	2.39	0.02	0.05	6	2	5
A	5661	1	811	10	255	0.3	115	15	668	9.81	4	5	ND	ND	21	1	2	2	70	0.52	0.17	9	157	3.32	46	0.08	5	3.36	0.01	0.04	3	2	5
A	5662	3	955	28	140	0.6	167	55	274	15.14	5	5	ND	ND	32	1	2	10	29	0.56	0.02	10	52	0.74	65	0.06	10	0.90	0.02	0.04	6	1	5
A	5663	2	84	18	635	0.3	31	13	283	3.12	9	5	ND	ND	41	3	2	2	12	0.69	0.03	29	13	0.66	72	0.03	5	0.96	0.01	0.04	2	1	5
A	5664	1	62	16	115	0.1	72	17	528	3.49	14	5	ND	ND	65	1	3	2	20	1.27	0.07	24	42	1.20	54	0.02	5	1.54	0.01	0.04	1	1	5
A	5665	1	31	12	63	0.1	21	5	432	2.00	13	5	ND	ND	51	1	2	2	8	0.98	0.03	15	35	0.76	55	0.01	15	0.97	0.01	0.05	1	1	5
A	5666	1	155	15	258	0.1	34	5	694	5.99	13	5	ND	ND	60	1	2	2	39	1.31	0.08	19	83	2.14	29	0.01	10	2.23	0.02	0.06	1	1	5
A	5667	1	313	13	294	0.1	62	7	1070	7.92	14	5	ND	ND	100	1	2	2	39	2.50	0.23	18	111	2.53	21	0.01	5	2.44	0.02	0.06	1	1	5
A	5668	2	667	19	122	0.1	34	17	507	12.14	6	5	ND	ND	35	1	2	4	3	0.96	0.02	11	71	0.68	41	0.01	5	0.48	0.01	0.06	5	1	5
A	5669	3	1163	31	99	0.4	61	42	818	21.68	12	5	ND	ND	49	1	2	5	1	1.56	0.10	13	78	0.99	35	0.01	10	0.50	0.01	0.03	9	1	5
A	5670	2	196	18	128	0.1	15	4	2100	4.03	17	5	ND	ND	144	1	2	2	8	3.95	0.06	12	52	1.20	19	0.01	10	0.66	0.01	0.04	1	1	5
A	5671	1	196	21	145	0.1	27	21	1491	6.18	15	5	ND	ND	134	1	2	2	17	3.54	0.19	15	42	1.58	29	0.01	10	1.17	0.02	0.04	1	1	5
A	5672	3	106	21	66	0.1	87	8	1776	4.08	22	5	ND	ND	133	1	2	2	14	4.00	0.04	9	80	1.57	29	0.01	5	0.66	0.01	0.04	1	1	5
A	5673	2	254	20	273	0.1	222	42	2802	9.54	16	5	ND	ND	160	1	2	2	39	5.90	0.11	15	137	3.83	30	0.01	5	1.96	0.01	0.03	1	1	5
A	5674	2	430	18	76	0.5	800	31	673	6.39	19	5	ND	ND	50	1	2	2	26	1.10	0.07	17	66	1.56	38	0.01	5	1.74	0.01	0.04	1	1	5
A	5675	1	65	12	13	0.1	19	1	1383	1.04	14	5	ND	ND	184	1	3	2	5	4.29	0.03	3	35	0.33	13	0.01	10	0.30	0.01	0.03	1	1	5
A	5676	1	416	16	65	0.1	172	21	941	8.85	6	5	ND	ND	57	1	2	2	37	1.55	0.08	13	75	1.71	24	0.01	10	1.89	0.01	0.05	4	1	5
A	5677	1	166	9	59	0.1	50	13	695	4.25	13	5	ND	ND	54	1	2	2	20	1.36	0.06	15	72	1.64	26	0.01	5	1.83	0.01	0.04	2	1	5
A	5678	1	371	20	121	0.1	20	25	1391	7.53	10	5	ND	ND	117	1	2	2	51	3.53	0.13	10	54	1.72	39	0.01	5	1.82	0.01	0.04	2	1	5
A	5679	2	114	50	744	0.1	15	9	1549	1.91	14	5	ND	ND	237	1	3	2	4	3.83	0.03	10	27	0.38	27	0.01	5	0.29	0.01	0.03	1	1	5
A	5680	2	27	6	18	0.1	12	6	173	0.57	6	5	ND	ND	13	1	3	8	3	0.18	0.01	1	53	0.05	5	0.01	5	0.06	0.01	0.03	1	1	5
A	5681	1	89	33	114	0.3	21	10	614	2.60	10	5	ND	ND	47	1	3	4	8	1.02	0.03	25	32	0.54	50	0.01	10	0.89	0.01	0.04	2	1	5

CERTIFIED BY : J. Rossbach

ROSSBACHER LABORATORY LTD.

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CERTIFICATE OF ANALYSIS

TO : CME CONSULTING LTD.
#2405-555 WEST HASTINGS STREET
VANCOUVER, B.C.
PROJECT : 01 A
TYPE OF ANALYSIS : ICP

CERTIFICATE # : 910041
INVOICE # : 20174
DATE ENTERED : 91-01-09
FILE NAME : CME91004.I
PAGE # : 1

PRE FIX	SAMPLE NAME	PPM MO	PPM CU	PPM PB	PPM ZN	PPM AG	PPM NI	PPM CO	PPM MN	% FE	PPM AS	PPM U	PPM AU	PPM HG	PPM SR	PPM CD	PPM SB	PPM BI	PPM V	% CA	% P	PPM LA	PPM CR	% MG	PPM BA	% TI	PPM B	% AL	% NA	% SI	PPM W	PPM BE	PPB Au AA
A	5595	1	76	18	136	0.3	124	22	1066	4.27	62	5	ND	ND	148	1	4	2	48	3.09	0.10	9	328	2.95	33	0.01	5	2.78	0.02	0.04	1	1	5
A	5596	1	62	14	89	0.3	64	18	961	3.41	31	5	ND	ND	138	1	2	2	37	2.75	0.09	7	118	1.54	42	0.01	10	1.64	0.03	0.04	1	1	5
A	5597	1	46	42	31	0.2	11	7	524	1.59	311	5	ND	ND	68	1	2	2	5	1.48	0.04	5	9	0.38	53	0.01	5	0.58	0.01	0.02	1	1	5
A	5598	1	57	81	118	0.4	145	24	1627	3.47	106	5	ND	ND	147	1	3	2	24	3.59	0.07	7	123	2.90	40	0.01	5	1.91	0.05	0.03	1	1	5
A	5599	1	71	33	169	0.3	124	24	1519	5.26	18	5	ND	ND	278	1	3	2	96	5.05	0.21	9	125	3.13	7	0.02	10	3.15	0.02	0.04	1	2	5
A	5600	2	62	68	68	0.3	33	12	730	2.34	499	5	ND	ND	106	1	3	2	19	2.85	0.07	18	27	1.86	67	0.01	15	1.82	0.01	0.05	1	1	5
A	5601	2	158	76	39	0.5	17	14	607	2.84	17	5	ND	ND	68	1	2	2	11	1.76	0.05	18	1	0.64	81	0.01	5	0.82	0.01	0.03	2	1	5
A	5602	8	81	43	126	0.2	23	12	982	3.15	27	5	ND	ND	124	1	5	2	75	2.61	0.18	11	43	2.38	118	0.07	5	2.13	0.01	0.04	2	2	5
A	5603	2	95	194	158	1.5	44	25	1289	4.86	21	5	ND	ND	160	1	5	2	63	3.86	0.15	17	94	2.40	41	0.06	10	2.83	0.01	0.05	3	2	5
A	5604	1	408	62	110	0.6	29	29	1619	4.66	16	5	ND	ND	321	1	3	2	23	7.30	0.09	15	44	1.72	37	0.03	5	1.73	0.02	0.06	1	1	5
A	5605	1	144	39	95	0.4	31	25	852	4.52	49	5	ND	ND	112	1	2	2	36	3.38	0.10	10	70	1.51	45	0.05	5	1.85	0.01	0.06	1	1	5
A	5606	1	101	45	145	0.4	14	23	1337	4.51	43	5	ND	ND	172	1	4	2	55	4.62	0.09	7	61	1.79	24	0.05	5	2.33	0.01	0.05	1	1	5
A	5607	1	61	22	99	0.2	19	11	639	1.91	10	5	ND	ND	50	1	2	2	6	1.06	0.03	15	30	0.42	57	0.01	10	0.91	0.01	0.04	2	1	5
A	5608	2	37	138	371	0.6	9	6	804	1.76	15	5	ND	ND	70	2	2	2	9	1.38	0.03	15	32	0.49	95	0.01	10	0.96	0.02	0.07	2	1	5
A	5631	1	34	22	75	0.2	23	12	577	2.45	6	5	ND	ND	61	1	2	2	13	0.48	0.03	12	39	0.77	42	0.01	15	1.18	0.03	0.03	1	1	5
A	5632	1	32	9	69	0.1	24	12	342	2.50	3	5	ND	ND	45	1	2	2	19	0.29	0.03	10	39	0.69	51	0.03	10	1.21	0.02	0.05	1	1	5
A	5633	1	29	4	71	0.1	27	13	302	2.71	5	5	ND	ND	48	1	2	2	15	0.37	0.03	8	37	0.69	53	0.03	5	1.16	0.05	0.03	1	1	5
A	5634	1	46	23	44	0.3	13	9	489	2.09	17	5	ND	ND	226	1	2	2	6	6.20	0.05	11	51	1.06	30	0.01	5	0.70	0.02	0.04	1	1	5
A	5635	1	243	13	1338	0.2	20	10	450	4.25	9	5	ND	ND	58	8	2	2	9	1.32	0.07	13	52	1.16	64	0.01	5	1.39	0.01	0.06	1	1	5
A	5636	1	147	7	68	0.2	21	9	379	2.62	10	5	ND	ND	69	1	2	2	5	1.29	0.09	19	42	0.75	99	0.01	5	1.10	0.01	0.05	1	1	40
A	5637	1	530	6	28	0.4	11	8	184	4.90	4	5	ND	ND	36	1	2	2	2	0.62	0.01	5	73	0.32	23	0.01	5	0.29	0.01	0.03	1	1	5
A	5638	1	1076	5	59	0.4	18	20	245	10.12	5	5	ND	ND	56	1	2	2	5	0.93	0.04	12	84	0.77	25	0.01	5	0.86	0.01	0.04	2	1	5
A	5639	1	226	7	29	0.3	17	7	360	3.98	9	5	ND	ND	83	1	4	6	6	1.50	0.05	19	47	0.77	45	0.01	5	0.95	0.02	0.05	2	1	5
A	5640	1	396	7	25	0.2	15	3	198	3.12	4	5	ND	ND	37	1	2	5	4	0.60	0.02	18	42	0.53	44	0.01	10	0.70	0.02	0.03	1	1	20
A	5641	1	649	4	45	0.3	12	2	213	7.97	2	5	ND	ND	34	1	2	2	11	0.50	0.03	8	71	0.84	16	0.01	5	0.90	0.03	0.03	1	1	5
A	5642	1	1257	5	56	0.6	13	11	288	6.92	5	5	ND	ND	40	1	2	2	13	0.64	0.02	14	61	0.97	22	0.01	5	1.08	0.01	0.04	2	1	5
A	5643	2	2287	3	70	0.9	27	10	175	13.02	2	5	ND	ND	16	1	2	4	8	0.18	0.03	19	76	0.76	29	0.01	15	0.92	0.02	0.03	2	1	5
A	5644	1	1419	5	67	0.6	19	8	222	9.80	2	5	ND	ND	24	1	2	2	11	0.34	0.03	22	60	1.01	20	0.01	10	1.11	0.05	0.03	1	1	5
A	5645	4	3102	2	95	1.2	24	11	207	12.86	2	5	ND	ND	13	1	2	2	6	0.18	0.03	18	63	0.88	26	0.01	10	1.01	0.02	0.03	2	1	30
A	5646	1	2083	18	85	1.2	19	8	236	9.04	2	5	ND	ND	18	1	2	4	6	0.38	0.04	12	51	0.94	35	0.01	5	1.08	0.02	0.03	1	1	30
A	5647	1	988	11	89	0.5	9	1	627	5.98	8	5	ND	ND	41	1	2	5	16	1.35	0.05	10	78	1.68	27	0.01	5	1.72	0.02	0.04	2	1	5
A	5648	2	2005	14	113	0.8	38	26	422	17.25	3	5	ND	ND	27	2	2	14	6	1.04	0.02	7	90	0.95	25	0.01	5	1.07	0.01	0.05	3	1	70
A	5649	1	1592	14	87	0.6	25	11	376	12.51	3	5	ND	ND	22	1	2	17	14	0.78	0.02	10	69	0.99	15	0.01	5	1.14	0.01	0.04	3	1	5
A	5650	2	2106	11	109	0.8	31	14	414	12.44	6	5	ND	ND	23	1	3	5	10	0.81	0.05	8	66	1.11	23	0.01	5	1.29	0.01	0.03	2	1	40
A	5651	10	237	2	58	0.2	42	17	334	3.74	5	5	ND	ND	14	1	2	2	25	0.29	0.08	16	43	1.22	42	0.01	5	1.45	0.01	0.03	1	1	5
A	5652	2	1443	2	74	0.5	63	70	311	17.66	2	5	ND	ND	12	1	4	7	4	0.27	0.02	6	80	0.90	32	0.01	5	1.12	0.01	0.04	5	1	5
A	5653	2	281	1	85	0.2	43	24	523	6.06	13	5	ND	ND	48	1	2	2	23	1.29	0.31	8	49	1.54	73	0.06	5	2.18	0.02	0.04	1	1	5
A	5654	3	390	2	295	0.3	46	23	701	6.69	12	5	ND	ND	71	1	2	2	66	1.90	0.23	4	77	1.74	144	0.11	5	2.08	0.02	0.04	1	2	5
A	5655	1	201	9	416	0.2	159	29	1011	6.06	23	5	ND	ND	136	4	2	2	88	3.51	0.11	2	131	3.02	142	0.10	5	3.28	0.05	0.06	1	2	5
A	5656	1	332	2	350	0.1	150	30	724	6.73	23	n/a	ND	ND	88	1	4	2	75	2.08	0.11	1	345	2.87	39	0.08	426	3.16	0.01	0.04	2	2	5

CERTIFIED BY : Rossbach

ROSSBACHER LABORATORY LTD.

2225 S. Springer Ave., Burnaby,
British Columbia, Can. V5B 3H1
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CERTIFICATE OF ANALYSIS

TO : CME CONSULTING LTD.
#2405-555 WEST HASTINGS STREET
VANCOUVER, B.C.
PROJECT : 01 A
TYPE OF ANALYSIS : ICP

CERTIFICATE # : 91004I
INVOICE # : 20174
DATE ENTERED : 91-01-09
FILE NAME : CME91004.I
PAGE # : 2

PRE FIX	SAMPLE NAME	PPM NO	PPM CU	PPM PB	PPM ZN	PPM AG	PPM NI	PPM CO	PPM MN	% FE	PPM AS	PPM U	PPM AU	PPM HG	PPM SR	PPM CD	PPM SB	PPM BI	PPM V	% CA	% P	PPM LA	PPM CR	% MG	PPM BA	% TI	PPM B	% AL	% NA	% SI	PPM W	PPM BE	PPB Au AA
A	5657	1	1445	18	170	0.7	135	80	460	12.44	30	n\a	ND	ND	37	2	2	2	52	0.80	0.06	2	191	2.00	57	0.09	1784	2.42	0.02	0.06	2	1	5

CERTIFIED BY : T. Rossbach

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CERTIFICATE OF ANALYSIS

TO : CME CONSULTING LTD.
#2405-555 WEST HASTINGS STREET
VANCOUVER, B.C.
PROJECT : 01 A
TYPE OF ANALYSIS : ICP

CERTIFICATE # : 910051
INVOICE # : 20175
DATE ENTERED : 91-01-15
FILE NAME : CME91005.I
PAGE # : 1

PREFIX	SAMPLE NAME	PPM MO	PPM CU	PPM PB	PPM ZN	PPM AG	PPM NI	PPM CO	PPM MN	% FE	PPM AS	PPM U	PPM AU	PPM HG	PPM SR	PPM CD	PPM SB	PPM BI	PPM V	% CA	% P	PPM LA	PPM CR	% MG	PPM BA	% TI	PPM B	% AL	% NA	% SI	PPM W	PPM BE	PPB Au AA
A	5504	2	216	282	58	0.8	42	17	268	3.65	5	5	ND	ND	29	1	4	2	11	0.72	0.06	21	92	0.72	75	0.01	10	0.92	0.01	0.04	3	1	5
A	5505	1	139	350	1560	1.2	139	11	1565	3.80	36	5	ND	ND	170	9	2	2	28	4.55	0.07	11	125	2.39	38	0.01	10	2.30	0.01	0.04	1	1	5
A	5506	1	324	35	87	0.3	66	54	1034	5.99	18	5	ND	ND	137	1	2	2	21	4.01	0.10	15	111	1.40	53	0.05	5	1.59	0.01	0.04	1	1	5
A	5507	1	91	27	104	0.2	112	13	1391	5.00	17	5	ND	ND	191	1	2	2	70	5.21	0.18	14	164	3.16	74	0.09	5	2.92	0.01	0.06	1	2	5
A	5508	2	106	21	58	0.5	37	21	379	3.63	15	5	ND	ND	44	1	2	7	27	0.89	0.14	36	46	1.13	92	0.03	10	1.49	0.01	0.04	1	1	5
A	5509	1	69	23	70	0.4	10	10	560	2.74	13	5	ND	ND	65	1	4	5	29	1.98	0.05	7	39	1.21	89	0.03	5	1.60	0.01	0.06	1	1	5
A	5510	2	167	20	79	0.4	11	14	549	3.40	19	5	ND	ND	75	1	2	3	32	1.78	0.06	7	44	1.35	53	0.03	5	1.73	0.01	0.05	1	1	5
A	5511	1	85	18	54	0.3	9	21	509	3.82	29	5	ND	ND	89	1	4	2	43	3.01	0.10	8	43	1.09	39	0.03	5	1.38	0.01	0.04	1	1	5
A	5512	1	71	23	42	0.2	10	10	345	2.37	18	5	ND	ND	58	1	3	7	14	2.40	0.06	11	34	0.87	71	0.03	15	1.18	0.01	0.05	1	1	5
A	5513	1	41	22	41	0.3	5	9	310	2.22	18	5	ND	ND	48	1	4	6	12	2.09	0.05	10	30	0.80	57	0.02	10	1.05	0.01	0.04	1	1	5
A	5514	1	80	16	57	0.2	54	16	263	2.92	23	5	ND	ND	28	1	2	2	13	1.26	0.06	12	76	1.05	53	0.02	5	1.32	0.01	0.04	1	1	5
A	5515	1	60	63	71	0.4	8	10	394	2.70	17	5	ND	ND	55	1	4	2	16	2.39	0.06	10	51	1.12	64	0.01	10	1.46	0.01	0.05	1	1	5
A	5516	1	168	33	133	0.3	13	35	1134	6.28	16	5	ND	ND	72	1	2	2	125	3.26	0.14	13	75	1.68	28	0.02	5	2.25	0.02	0.05	1	2	5
A	5517	2	102	126	87	1.0	60	26	669	4.49	45	5	ND	ND	48	1	2	2	27	1.58	0.14	24	87	1.36	52	0.02	20	1.72	0.01	0.06	1	1	5
A	5518	4	109	50	51	0.5	59	27	544	3.67	27	5	ND	ND	47	1	2	5	18	1.53	0.08	34	54	0.97	49	0.01	15	1.27	0.01	0.05	1	1	5
A	5519	2	77	26	89	0.4	24	12	989	3.47	18	5	ND	ND	113	1	4	3	25	2.57	0.07	16	49	0.82	66	0.01	5	1.30	0.01	0.05	1	1	5
A	5520	1	80	104	154	0.2	20	30	1139	4.40	27	5	ND	ND	149	1	2	2	67	2.79	0.08	13	57	1.10	55	0.01	5	1.97	0.02	0.07	1	1	5
A	5521	1	24	25	72	0.2	16	9	723	2.17	16	5	ND	ND	117	1	3	10	18	2.42	0.04	17	42	0.75	78	0.01	10	1.26	0.02	0.06	1	1	5
A	5522	2	33	18	67	0.1	23	11	486	2.14	11	5	ND	ND	63	1	3	14	10	1.24	0.04	21	37	0.57	89	0.01	5	1.07	0.01	0.05	1	1	5
A	5523	2	38	33	120	0.2	52	14	908	3.80	31	5	ND	ND	218	1	6	5	48	4.23	0.11	13	89	1.79	55	0.02	5	2.20	0.01	0.04	1	2	5
A	5524	2	378	28	87	0.2	28	14	369	3.47	17	5	ND	ND	71	1	2	2	18	1.36	0.08	29	57	0.91	137	0.02	10	1.43	0.01	0.06	1	1	5
A	5525	3	616	39	88	0.1	4	9	344	4.36	10	5	ND	ND	51	1	3	5	13	1.75	0.16	14	54	0.91	100	0.05	10	1.34	0.02	0.06	1	1	5
A	5526	2	393	20	48	0.1	3	6	226	2.17	10	5	ND	ND	54	1	2	6	12	2.00	0.04	6	37	0.73	95	0.02	5	1.11	0.01	0.05	1	1	5
A	5527	2	1277	11	104	0.4	15	9	827	9.14	8	5	ND	ND	44	1	2	2	13	1.75	0.10	9	87	0.91	28	0.03	5	1.46	0.01	0.06	1	1	5
A	5528	2	1954	14	104	0.3	149	57	793	7.82	21	5	ND	ND	70	1	4	2	47	4.00	0.08	6	148	2.66	56	0.06	5	2.64	0.01	0.05	1	1	10
A	5529	4	587	8	60	0.2	109	21	712	5.15	16	5	ND	ND	71	1	2	2	48	2.53	0.18	8	110	2.48	36	0.13	10	2.65	0.01	0.06	1	1	5
A	5530	9	1428	9	61	0.3	55	25	544	5.92	9	5	ND	ND	60	1	5	2	79	1.40	0.12	11	84	2.20	62	0.10	5	2.52	0.02	0.06	1	2	5
A	5531	3	1470	12	60	0.3	92	17	595	5.77	19	5	ND	ND	107	1	5	2	71	2.73	0.10	6	123	2.74	29	0.11	5	2.90	0.01	0.07	1	2	10
A	5532	6	915	12	70	0.2	104	24	662	5.67	17	5	ND	ND	105	1	3	2	75	2.75	0.09	6	118	2.91	59	0.11	10	2.99	0.01	0.06	1	2	5
A	5533	3	2035	21	79	0.4	15	29	607	6.28	12	5	ND	ND	92	1	5	2	76	3.22	0.18	9	55	1.58	38	0.06	5	2.13	0.02	0.06	1	2	5
A	5534	10	2025	9	76	0.6	16	18	516	5.44	12	5	ND	ND	99	1	3	2	94	2.78	0.18	7	67	1.70	23	0.06	5	2.31	0.01	0.05	1	2	5
A	5535	22	1241	11	60	0.8	100	28	457	5.44	22	5	ND	ND	77	1	4	2	66	2.06	0.10	6	128	2.70	50	0.07	5	2.79	0.02	0.07	1	2	5
A	5536	22	3015	13	99	0.6	15	16	446	2.93	12	5	ND	ND	55	1	2	2	25	1.93	0.06	5	44	1.03	89	0.01	5	1.42	0.01	0.04	1	1	5
A	5537	12	2002	9	74	1.0	30	9	283	2.88	7	5	ND	ND	17	1	2	2	12	0.55	0.04	5	54	1.01	93	0.01	10	1.60	0.01	0.04	1	1	10
A	5538	10	3549	17	54	0.6	12	9	158	1.67	7	5	ND	ND	26	1	3	3	9	0.86	0.02	7	34	0.46	57	0.01	15	0.84	0.01	0.05	3	1	20
A	5539	13	2682	18	45	0.8	6	9	230	1.57	16	5	ND	ND	57	1	4	2	8	2.50	0.04	7	45	0.42	73	0.01	5	0.81	0.01	0.05	2	1	20
A	5540	24	3274	18	51	0.8	6	7	163	1.57	12	5	ND	ND	33	1	5	10	8	1.24	0.04	7	27	0.46	88	0.01	5	0.88	0.01	0.04	3	1	10
A	5541	12	4214	13	78	0.2	21	18	293	4.02	13	5	ND	ND	40	1	4	2	48	1.47	0.10	6	64	1.46	71	0.02	5	2.15	0.02	0.05	1	1	30
A	5542	7	1555	18	107	0.2	14	9	593	4.02	25	5	ND	ND	50	1	7	2	33	1.91	0.06	9	72	1.79	51	0.01	10	2.36	0.02	0.06	1	1	5
A	5543	66	2159	15	51	0.6	8	9	181	1.56	13	5	ND	ND	33	1	2	11	7	1.00	0.03	10	35	0.44	84	0.01	5	0.72	0.01	0.04	1	1	5

CERTIFIED BY : C. Rossbacher

ROSSBACHER LABORATORY LTD.

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CERTIFICATE OF ANALYSIS

TO : CME CONSULTING LTD.
#2405-555 WEST HASTINGS STREET
VANCOUVER, B.C.

PROJECT : 01 A
TYPE OF ANALYSIS : ICP

CERTIFICATE # : 91005I
INVOICE # : 20175
DATE ENTERED : 91-01-15
FILE NAME : CME91005.I
PAGE # : 2

PRE FIX	SAMPLE NAME	PPM MO	PPM CU	PPM PB	PPM ZN	PPM AG	PPM NI	PPM CO	PPM MN	% FE	PPM AS	PPM U	PPM AU	PPM HG	PPM SR	PPM CD	PPM SB	PPM BI	PPM V	% CA	% P	PPM LA	PPM CR	% MG	PPM BA	% TI	PPM B	% AL	% NA	% SI	PPM W	PPM BE	PPB Au AA
A	5544	11	133	607	2000	1.0	58	22	1346	4.33	13	5	ND	ND	221	9	2	3	14	4.74	0.07	67	87	1.78	57	0.01	10	1.47	0.01	0.05	1	1	5
A	5545	1	65	26	92	0.4	34	17	1337	3.50	13	5	ND	ND	211	1	2	2	8	5.73	0.08	20	56	1.35	36	0.01	5	0.71	0.02	0.02	1	1	5
A	5546	2	67	19	92	0.2	40	17	1571	4.17	9	5	ND	ND	55	1	3	2	13	1.15	0.05	13	62	1.00	49	0.01	10	1.53	0.01	0.05	1	1	5
A	5547	3	55	26	102	0.1	41	19	891	3.50	10	5	ND	ND	40	1	2	2	12	0.54	0.03	14	61	0.78	43	0.02	10	1.44	0.01	0.05	1	1	5
A	5548	3	44	14	95	0.1	39	20	827	3.41	9	5	ND	ND	82	1	2	2	19	0.95	0.04	13	53	0.87	64	0.03	5	1.31	0.01	0.06	1	1	5
A	5549	2	29	23	92	0.2	25	11	380	2.56	9	5	ND	ND	38	1	2	3	7	0.64	0.03	11	43	0.60	77	0.01	5	1.00	0.01	0.05	1	1	5
A	5550	2	21	30	72	0.3	13	7	331	1.47	11	5	ND	ND	56	1	2	3	10	0.73	0.02	9	37	0.65	76	0.01	5	0.67	0.01	0.03	1	1	5
A	5609	2	18	27	332	0.1	36	10	1456	3.99	15	5	ND	ND	129	1	2	2	23	4.26	0.08	18	81	1.56	51	0.01	5	1.88	0.01	0.06	1	1	5
A	5610	1	65	15	146	0.3	31	15	377	2.19	14	5	ND	ND	23	1	3	3	9	0.55	0.03	15	46	0.67	62	0.01	10	0.92	0.01	0.05	1	1	5
A	5611	2	102	31	106	0.2	18	16	612	2.80	22	5	ND	ND	1295	1	4	2	12	2.30	0.06	13	68	0.89	188	0.01	15	1.05	0.01	0.05	1	1	10
A	5612	2	188	29	212	0.3	66	14	864	4.70	19	5	ND	ND	475	1	5	2	38	4.44	0.13	18	105	1.91	197	0.04	20	2.22	0.02	0.06	1	2	10
A	5613	1	2857	13	72	0.6	34	30	320	13.62	7	5	ND	ND	55	2	2	2	4	1.48	0.05	8	104	0.72	48	0.02	15	1.11	0.01	0.06	5	1	10
A	5614	4	1204	19	83	0.6	7	12	459	4.32	13	5	ND	ND	38	1	5	2	22	1.27	0.05	9	48	1.08	76	0.06	20	1.58	0.02	0.06	3	1	5
A	5615	4	6835	12	141	1.4	40	35	713	14.09	7	5	ND	ND	38	2	2	2	5	1.66	0.06	7	96	0.60	22	0.03	10	0.93	0.01	0.07	5	1	10
A	5616	4	1472	15	132	0.6	88	29	1245	5.34	26	5	ND	ND	683	1	6	2	46	3.98	0.14	6	107	2.56	136	0.11	5	2.51	0.01	0.06	2	1	20
A	5617	9	721	1	102	0.6	46	18	827	5.52	8	5	ND	ND	50	1	2	2	55	1.59	0.10	3	100	2.69	89	0.11	5	2.95	0.01	0.06	1	1	5
A	5618	9	626	1	92	0.2	108	19	700	4.98	8	5	ND	ND	45	1	2	2	55	1.76	0.09	5	121	2.96	55	0.12	5	2.77	0.01	0.05	1	1	5
A	5619	7	1183	1	76	0.2	88	22	647	5.56	2	5	ND	ND	36	1	2	2	64	1.21	0.10	1	102	2.83	32	0.12	10	2.83	0.01	0.06	1	1	5
A	5620	4	664	4	25	0.4	2	1	282	1.43	4	5	ND	ND	49	1	2	2	5	1.72	0.03	5	18	0.41	70	0.01	15	0.76	0.01	0.03	1	1	5
A	5621	3	1097	7	28	0.4	3	5	203	1.51	8	5	ND	ND	44	1	2	7	9	1.08	0.03	11	31	0.40	66	0.01	10	0.85	0.02	0.06	2	1	5
A	5622	12	11374	4	117	3.0	16	21	284	3.96	13	5	ND	ND	62	1	2	2	17	1.56	0.05	20	53	0.67	43	0.01	15	1.41	0.01	0.06	3	1	50
A	5623	11	716	14	60	0.2	11	8	709	2.07	9	5	ND	ND	269	1	5	6	20	3.95	0.06	18	56	0.84	105	0.01	10	1.47	0.02	0.05	1	1	10
A	5624	2	49	14	100	0.2	5	8	538	2.06	10	5	ND	ND	117	1	3	2	14	2.66	0.06	9	46	1.17	129	0.01	5	1.39	0.01	0.05	1	1	5
A	5625	2	80	19	100	0.2	174	20	1265	4.49	11	5	ND	ND	298	1	3	2	20	5.21	0.14	10	129	2.57	37	0.01	10	0.93	0.01	0.05	1	1	5
A	5626	2	72	17	68	0.1	95	20	1020	4.18	12	5	ND	ND	239	1	4	2	13	5.14	0.23	14	89	2.39	27	0.01	10	0.89	0.01	0.03	1	1	5
A	5627	1	28	10	79	0.2	31	13	502	3.33	3	5	ND	ND	42	1	3	2	19	0.43	0.04	10	42	0.62	51	0.02	5	1.11	0.01	0.04	1	1	5
A	5628	1	31	10	80	0.2	30	15	608	3.09	2	5	ND	ND	45	1	3	2	18	0.41	0.03	7	42	0.74	40	0.01	15	1.10	0.01	0.03	1	1	5
A	5629	1	15	7	91	0.1	32	15	342	2.89	2	5	ND	ND	22	1	3	3	18	0.17	0.05	10	43	0.71	59	0.03	10	1.32	0.01	0.04	2	1	5
A	5630	2	36	14	72	0.2	29	21	770	2.93	9	5	ND	ND	63	1	3	2	19	0.61	0.04	8	43	0.68	48	0.03	10	0.92	0.01	0.04	3	1	5

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CERTIFICATE OF ANALYSIS

TO : CME CONSULTING LTD.
#2405-555 WEST HASTINGS STREET
VANCOUVER, B.C.
PROJECT : 01A
TYPE OF ANALYSIS : ICP

CERTIFICATE # : 91008
INVOICE # : 20176
DATE ENTERED : 91-01-17
FILE NAME : CME91008.I
PAGE # : 1

PRE FIX	SAMPLE NAME	PPM MO	PPM CU	PPM PB	PPM ZN	PPM AG	PPM NI	PPM CO	PPM MN	% FE	PPM AS	PPM U	PPM AU	PPM HG	PPM SR	PPM CD	PPM SB	PPM BI	PPM V	% CA	% P	PPM LA	PPM CR	% MG	PPM BA	% TI	PPM B	% AL	% NA	% SI	PPM W	PPM BE	PPB Au AA
A	5551	1	1	10	35	0.1	7	2	284	1.36	13	5	ND	ND	76	1	2	2	5	0.81	0.04	9	182	0.56	95	0.01	10	0.59	0.01	0.11	5	1	5
A	5552	1	76	50	252	0.1	8	8	857	3.30	31	5	ND	ND	165	1	2	2	9	4.53	0.11	13	127	1.24	65	0.01	15	0.68	0.01	0.04	1	1	10
A	5553	1	6	4	57	0.1	22	6	441	2.99	5	5	ND	ND	22	1	2	2	8	0.39	0.02	19	106	0.91	41	0.01	5	1.50	0.01	0.02	4	1	5
A	5554	2	268	7	96	2.2	59	10	565	4.86	5	5	ND	ND	36	1	2	2	16	0.90	0.03	13	133	1.63	56	0.01	5	1.91	0.01	0.03	3	1	40
A	5555	1	272	3	96	0.6	61	15	940	5.84	6	5	ND	ND	60	1	2	2	54	2.06	0.06	6	166	2.97	33	0.01	5	2.96	0.01	0.03	1	1	5
A	5556	3	3670	9	650	0.1	77	11	667	5.71	5	5	ND	ND	64	6	2	2	26	1.46	0.05	9	125	2.52	56	0.01	5	2.67	0.01	0.05	1	1	40
A	5557	2	1460	6	96	0.3	96	21	594	7.18	14	5	ND	ND	40	1	2	2	26	1.27	0.06	19	128	2.25	50	0.01	10	2.52	0.01	0.05	2	1	20
A	5558	1	416	6	65	0.8	63	14	525	5.06	39	5	ND	ND	46	1	2	2	16	0.91	0.08	32	93	1.85	46	0.01	15	2.06	0.01	0.02	2	1	10
A	5559	1	770	8	49	0.1	25	9	466	8.45	6	5	ND	ND	93	1	2	3	7	1.53	0.03	25	61	0.89	28	0.01	5	1.13	0.01	0.01	3	1	5
A	5560	1	1880	7	104	0.8	39	24	507	14.73	8	5	ND	ND	35	2	2	5	13	0.91	0.03	18	96	1.24	31	0.01	10	1.56	0.01	0.01	3	1	5
A	5561	3	262	5	74	0.1	54	11	810	6.40	4	5	ND	ND	98	1	2	2	73	3.07	0.31	12	139	1.94	203	0.10	5	2.24	0.01	0.02	1	2	5
A	5562	1	213	1	368	0.1	156	33	793	7.36	5	5	ND	ND	109	1	2	2	117	2.70	0.12	3	244	3.39	175	0.19	5	3.38	0.01	0.03	1	2	5
A	5563	1	166	1	466	0.1	173	33	914	7.62	6	5	ND	ND	154	1	2	2	129	3.31	0.14	4	245	3.94	198	0.18	5	4.05	0.01	0.03	1	3	5
A	5564	1	485	15	201	0.2	26	11	672	9.78	6	5	ND	ND	53	2	2	8	6	1.33	0.02	7	89	1.19	52	0.01	10	1.33	0.01	0.02	2	1	20
A	5565	1	130	1	204	0.2	160	29	1072	6.43	2	5	ND	ND	163	1	2	2	103	4.03	0.12	3	202	3.32	73	0.09	5	3.31	0.01	0.02	1	2	5
A	5566	1	388	1	150	0.1	186	33	931	10.04	6	5	ND	ND	98	1	2	2	121	2.02	0.12	6	244	3.99	97	0.11	5	4.02	0.01	0.03	1	3	5
A	5567	1	530	1	196	0.4	119	134	822	11.59	7	5	ND	ND	63	2	2	2	102	1.42	0.11	3	211	3.43	60	0.09	5	3.52	0.01	0.03	1	2	5
A	5568	1	488	10	209	0.2	152	161	1028	14.66	6	5	ND	ND	103	2	2	2	82	2.88	0.32	12	125	2.88	34	0.12	5	3.08	0.01	0.04	1	2	5
A	5569	1	386	10	360	0.1	114	28	972	12.03	3	5	ND	ND	130	2	2	2	81	2.61	0.32	32	195	3.73	26	0.04	5	3.75	0.01	0.03	1	2	5
A	5570	1	520	18	307	0.2	55	11	950	7.48	6	5	ND	ND	104	1	2	2	48	2.44	0.11	19	112	2.33	34	0.01	5	2.31	0.01	0.02	1	1	5
A	5571	2	183	3	227	0.2	51	12	563	5.81	3	5	ND	ND	52	1	2	2	38	1.05	0.18	9	122	2.25	47	0.01	5	2.28	0.01	0.02	1	1	5
A	5572	1	135	6	113	0.2	46	9	661	4.55	5	5	ND	ND	64	1	2	2	23	1.57	0.08	18	93	1.65	55	0.01	5	1.77	0.01	0.02	1	1	5
A	5573	1	148	9	134	0.2	57	5	1657	5.67	2	5	ND	ND	165	1	2	2	34	4.76	0.09	19	143	3.01	34	0.01	10	2.94	0.01	0.02	1	1	5
A	5574	4	600	10	154	0.4	110	29	1250	8.79	5	5	ND	ND	127	1	2	2	28	3.44	0.13	22	121	2.38	58	0.01	5	2.38	0.01	0.02	1	1	5
A	5575	1	75	5	121	0.1	144	23	1295	5.17	3	5	ND	ND	150	1	2	2	51	4.71	0.17	12	167	2.84	33	0.01	5	2.57	0.01	0.02	1	1	5
A	5576	1	21	12	84	0.1	30	8	887	3.53	6	5	ND	ND	93	1	2	2	30	2.71	0.06	23	73	1.59	61	0.01	5	1.85	0.01	0.02	1	1	5
A	5577	1	33	6	169	0.1	8	4	1505	4.13	3	5	ND	ND	130	1	2	2	34	3.05	0.09	16	72	1.71	36	0.01	5	2.05	0.01	0.01	1	1	5
A	5578	1	327	11	66	0.4	87	14	2523	6.22	5	5	ND	ND	157	1	2	2	12	4.56	0.05	11	123	2.11	28	0.01	5	1.38	0.01	0.01	1	1	5
A	5579	1	151	4	148	0.1	19	9	891	5.60	6	5	ND	ND	55	1	2	2	41	1.39	0.16	17	88	2.28	49	0.01	10	2.17	0.01	0.02	1	1	5
A	5580	1	204	3	230	0.2	43	16	1220	6.83	3	5	ND	ND	93	1	2	2	46	2.15	0.13	12	108	2.61	36	0.01	15	2.56	0.01	0.02	1	1	5
A	5581	1	200	1	130	0.1	39	9	1053	5.53	3	5	ND	ND	88	1	2	2	16	1.89	0.05	39	89	1.67	46	0.01	10	1.75	0.01	0.01	1	1	5
A	5582	1	269	7	159	0.1	43	25	1385	5.81	6	5	ND	ND	145	1	2	2	17	2.82	0.05	25	100	1.90	36	0.01	10	1.76	0.01	0.02	1	1	20
A	5583	1	194	5	182	0.1	63	16	1435	6.60	3	5	ND	ND	126	1	2	2	32	2.52	0.06	15	124	2.15	26	0.01	10	2.30	0.01	0.02	1	1	5
A	5584	1	41	3	84	0.1	59	16	1168	5.83	2	5	ND	ND	198	1	2	2	71	5.01	0.10	8	161	3.15	17	0.01	5	3.49	0.01	0.03	1	2	5
A	5585	1	89	10	176	0.1	36	10	764	4.78	4	5	ND	ND	240	1	2	2	7	0.67	0.06	25	66	0.84	49	0.01	5	1.45	0.01	0.02	1	1	5
A	5586	4	66	8	113	0.1	43	14	1073	4.48	3	5	ND	ND	75	1	2	2	12	0.87	0.05	24	70	0.86	36	0.01	10	1.60	0.01	0.02	1	1	5
A	5587	4	18	2	100	0.1	39	12	838	3.96	2	5	ND	ND	31	1	2	2	12	0.24	0.03	21	62	0.77	43	0.02	5	1.74	0.01	0.02	1	1	5
A	5588	3	280	4	92	0.2	128	150	834	8.69	2	5	ND	ND	47	1	2	2	8	0.51	0.02	7	100	0.72	40	0.01	5	1.39	0.01	0.03	1	1	5
A	5589	1	2	2	55	0.1	17	5	318	2.33	2	5	ND	ND	22	1	2	2	6	0.16	0.03	15	46	0.46	39	0.01	5	1.01	0.01	0.01	2	1	5
A	5590	1	28	1	92	0.1	35	10	749	3.74	2	5	ND	ND	32	1	2	2	10	0.35	0.04	19	73	0.74	37	0.01	5	1.48	0.01	0.02	1	1	5

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CERTIFICATE OF ANALYSIS

TO : CME CONSULTING LTD.
#2405-555 WEST HASTINGS STREET
VANCOUVER, B.C.
PROJECT : 01A
TYPE OF ANALYSIS : ICP

CERTIFICATE # : 91008
INVOICE # : 20176
DATE ENTERED : 91-01-17
FILE NAME : CME91008.I
PAGE # : 2

PRE FIX	SAMPLE NAME	PPM MO	PPM CU	PPM PB	PPM ZN	PPM AG	PPM NI	PPM CO	PPM MN	% FE	PPM AS	PPM U	PPM AU	PPM HG	PPM SR	PPM CD	PPM SB	PPM BI	PPM V	% CA	% P	PPM LA	PPM CR	% MG	PPM BA	% TI	PPM B	% AL	% NA	% SI	PPM W	PPM BE	PPB Au AA
A	5591	1	264	1	48	0.1	49	15	567	4.05	3	5	ND	ND	57	1	2	2	7	0.71	0.03	8	71	0.48	42	0.01	5	0.84	0.01	0.01	1	1	5
A	5592	1	26	6	56	0.1	38	9	631	2.84	2	5	ND	ND	46	1	2	2	6	0.66	0.03	14	71	0.57	48	0.01	10	0.94	0.01	0.02	1	1	5
A	5593	1	75	4	74	0.1	78	11	874	5.06	3	5	ND	ND	68	1	2	2	10	0.98	0.03	9	82	0.82	31	0.02	15	1.15	0.01	0.01	1	1	5
A	5594	1	34	40	96	0.1	20	6	1040	3.02	2	5	ND	ND	37	1	2	4	6	0.68	0.03	29	73	0.76	44	0.01	5	1.20	0.01	0.02	1	1	5

CERTIFIED BY : T. Rossbach

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CERTIFICATE OF ANALYSIS

TO : CME CONSULTING LTD.
#2405-555 WEST HASTINGS STREET
VANCOUVER, B.C.
PROJECT : 01A
TYPE OF ANALYSIS : ICP

CERTIFICATE # : 91009
INVOICE # : 20176
DATE ENTERED : 91-01-18
FILE NAME : CME91009.I
PAGE # : 1

PRE FIX	SAMPLE NAME	PPM MO	PPM CU	PPM PB	PPM ZN	PPM AG	PPM NI	PPM CO	PPM MN	% FE	PPM AS	PPM U	PPM AU	PPM HG	PPM SR	PPM CD	PPM SB	PPM BI	PPM V	% CA	% P	PPM LA	PPM CR	% MG	PPM BA	% TI	PPM B	% AL	% NA	% SI	PPM W	PPM BE	PPB Au AA
A	5701	4	2815	3	73	0.8	12	18	450	4.05	7	5	ND	ND	56	1	2	2	28	2.34	0.08	7	100	1.01	68	0.01	5	1.55	0.01	0.04	1	1	10
A	5702	19	9492	4	149	2.8	3	7	99	2.28	3	5	ND	ND	32	1	2	2	5	0.57	0.04	7	92	0.43	31	0.01	5	0.82	0.01	0.05	3	1	140
A	5703	12	2193	6	51	0.3	3	8	131	2.15	4	5	ND	ND	34	1	2	2	10	0.56	0.02	5	70	0.73	44	0.01	5	1.21	0.02	0.04	2	1	10
A	5704	31	842	10	26	0.2	19	5	354	1.71	7	5	ND	ND	89	1	2	4	9	1.68	0.04	16	81	0.55	56	0.01	10	1.00	0.01	0.04	1	1	5
A	5705	43	2938	6	52	0.4	23	9	289	2.94	6	5	ND	ND	74	1	4	4	32	1.56	0.10	35	75	1.12	57	0.01	15	1.72	0.01	0.05	1	1	30
A	5706	1	35	8	45	0.1	45	10	658	3.35	6	5	ND	ND	180	1	2	2	11	4.99	0.10	8	106	1.38	27	0.01	10	0.40	0.01	0.03	1	1	5
A	5707	1	56	15	73	0.1	29	9	168	3.01	10	5	ND	ND	126	1	2	6	6	2.81	0.04	22	61	0.74	80	0.01	5	0.84	0.01	0.04	1	1	5
A	5708	1	252	1297	5379	5.0	5	1	670	4.59	2	5	ND	ND	357	29	2	23	1	9.02	0.03	8	67	0.87	33	0.01	5	0.35	0.01	0.03	1	1	5
A	5709	1	124	8	44	0.1	21	7	494	3.62	7	5	ND	ND	39	1	3	10	18	0.98	0.05	13	82	1.33	50	0.01	10	1.66	0.01	0.05	2	1	10
A	5710	1	482	15	43	0.1	20	7	560	5.91	7	5	ND	ND	65	1	2	14	4	1.79	0.03	9	78	1.07	57	0.01	5	0.73	0.01	0.05	1	1	20
A	5711	1	82	7	52	0.1	24	6	398	2.64	4	5	ND	ND	35	1	2	2	8	0.70	0.03	16	69	0.85	71	0.01	5	1.31	0.01	0.03	2	1	5
A	5712	1	1403	1	113	0.6	73	29	915	8.07	3	5	ND	ND	78	1	2	2	54	2.06	0.04	2	212	3.01	19	0.01	5	2.63	0.01	0.06	1	1	5
A	5713	1	9632	12	182	3.0	129	76	616	15.76	4	5	ND	ND	59	2	2	3	25	1.28	0.02	1	181	2.46	23	0.01	10	2.49	0.01	0.04	1	1	30
A	5714	2	3503	5	91	1.6	61	18	420	5.86	2	5	ND	ND	35	1	2	2	21	0.88	0.07	12	92	1.94	65	0.01	10	2.03	0.01	0.04	1	1	5
A	5715	3	750	6	88	0.2	72	18	389	5.75	20	5	ND	ND	17	1	2	2	19	0.46	0.07	11	107	2.14	44	0.01	20	2.01	0.01	0.03	1	1	5
A	5716	2	1848	7	71	0.8	66	68	324	17.55	5	5	ND	ND	20	1	2	5	8	0.44	0.02	5	123	0.86	14	0.01	15	0.86	0.01	0.04	2	1	5
A	5717	1	5072	15	170	1.8	59	57	304	16.34	4	5	ND	ND	19	1	2	5	4	0.66	0.03	8	109	0.82	43	0.01	10	0.89	0.01	0.05	2	1	5
A	5718	1	697	3	88	0.2	18	11	416	7.04	2	5	ND	ND	17	1	2	2	16	0.67	0.10	12	100	1.82	77	0.01	5	1.84	0.01	0.04	1	1	5
A	5719	1	2276	13	110	1.2	45	38	385	13.55	6	5	ND	ND	29	1	2	4	6	1.14	0.03	9	98	0.88	42	0.01	5	0.98	0.01	0.05	1	1	5
A	5720	1	1113	9	55	0.2	30	17	193	6.56	210	5	ND	ND	8	1	2	2	5	0.14	0.04	19	70	1.01	83	0.01	5	1.14	0.01	0.04	1	1	5
A	5721	1	2953	7	63	1.4	42	24	306	9.90	4	5	ND	ND	20	1	2	2	4	0.74	0.03	10	102	1.08	60	0.01	5	1.15	0.01	0.03	1	1	5
A	5722	2	331	10	38	0.2	38	10	477	4.19	6	5	ND	ND	64	1	2	2	8	1.62	0.10	16	72	1.21	200	0.01	10	1.44	0.01	0.05	1	1	5
A	5723	3	759	5	69	0.5	87	35	529	9.44	4	5	ND	ND	53	1	2	2	33	1.29	0.28	7	130	1.93	66	0.02	5	1.97	0.02	0.04	1	1	5
A	5724	1	695	4	109	0.2	124	58	1153	8.32	4	5	ND	ND	157	1	2	2	78	3.83	0.12	4	199	2.72	16	0.08	10	2.62	0.02	0.05	1	2	5
A	5725	1	376	1	104	0.1	139	36	1017	8.56	6	5	ND	ND	168	1	2	2	92	3.68	0.13	7	207	3.21	50	0.06	5	3.06	0.02	0.05	1	2	5
A	5726	1	259	7	100	0.1	156	35	1009	7.57	5	5	ND	ND	147	1	4	2	113	3.50	0.11	6	199	3.15	191	0.12	5	2.94	0.02	0.05	1	2	5
A	5727	1	452	10	89	0.1	166	33	933	8.74	5	5	ND	ND	120	1	2	2	97	2.96	0.10	2	187	2.91	156	0.10	15	2.77	0.01	0.04	1	2	5
A	5728	3	586	8	91	0.3	174	39	822	9.13	6	5	ND	ND	77	1	4	2	75	2.11	0.23	10	137	2.37	63	0.11	10	2.42	0.02	0.05	1	2	5
A	5729	2	332	4	141	0.1	104	28	780	6.50	5	5	ND	ND	44	1	4	2	69	1.16	0.15	11	139	2.52	33	0.05	15	2.53	0.01	0.04	1	1	5
A	5730	1	222	15	82	0.1	28	6	1168	4.32	5	5	ND	ND	120	1	2	2	29	4.28	0.07	15	90	2.83	18	0.01	10	1.92	0.01	0.03	1	1	5
A	5731	13	204	6	84	0.1	44	11	348	4.38	4	5	ND	ND	27	1	2	2	26	0.64	0.06	34	81	1.66	63	0.01	5	1.66	0.01	0.03	1	1	5
A	5732	6	108	4	124	0.1	36	2	922	3.97	6	5	ND	ND	63	1	2	2	26	1.74	0.08	17	137	2.80	21	0.01	5	2.13	0.01	0.02	1	1	5
A	5733	2	924	6	134	0.2	111	47	1084	12.82	6	5	ND	ND	58	1	2	2	35	2.20	0.13	10	170	2.88	32	0.01	5	2.38	0.01	0.04	1	1	5
A	5734	6	220	7	75	0.1	43	16	694	5.55	4	5	ND	ND	54	1	2	4	40	1.37	0.08	29	97	2.17	45	0.01	10	2.28	0.01	0.04	1	1	5
A	5735	1	178	7	45	0.1	41	15	340	4.17	4	5	ND	ND	27	1	2	2	9	0.69	0.06	26	63	1.13	48	0.01	5	1.29	0.01	0.03	2	1	5
A	5736	2	275	8	58	0.1	36	17	473	5.12	5	5	ND	ND	36	1	2	2	24	1.07	0.14	24	77	1.53	43	0.01	5	1.71	0.01	0.03	1	1	5
A	5737	2	230	7	61	0.1	32	16	689	5.71	4	5	ND	ND	56	1	2	2	42	1.66	0.14	14	88	1.76	27	0.01	10	2.02	0.01	0.03	1	1	5
A	5738	1	109	9	63	0.1	23	10	585	4.45	6	5	ND	ND	66	1	2	2	52	1.11	0.09	15	75	1.33	76	0.01	15	1.85	0.01	0.03	1	1	5
A	5739	1	380	131	300	0.2	41	11	517	5.34	98	5	ND	ND	35	1	2	2	7	0.65	0.03	17	62	0.67	56	0.01	10	1.05	0.01	0.03	2	1	5
A	5740	4	72	6	69	0.1	43	12	375	3.10	2	5	ND	ND	13	1	2	2	5	0.13	0.02	10	72	0.49	34	0.01	5	1.04	0.01	0.02	1	1	5

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ROSSBACHER LABORATORY LTD.

2225 S. Springer Ave., Burnaby,
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CERTIFICATE OF ANALYSIS

TO : CME CONSULTING LTD.
#2405-555 WEST HASTINGS STREET
VANCOUVER, B.C.
PROJECT : 01A
TYPE OF ANALYSIS : ICP

CERTIFICATE # : 91009
INVOICE # : 20176
DATE ENTERED : 91-01-18
FILE NAME : CME91009.I
PAGE # : 2

PRE FIX	SAMPLE NAME	PPM MO	PPM CU	PPM PB	PPM ZN	PPM AG	PPM NI	PPM CO	PPM MN	% FE	PPM AS	PPM U	PPM AU	PPM HG	PPM SR	PPM CD	PPM SB	PPM BI	PPM V	% CA	% P	PPM LA	PPM CR	% MG	PPM BA	% TI	PPM B	% AL	% NA	% SI	PPM W	PPM BE	PPB Au AA
A	5741	1	57	9	119	0.1	29	9	1772	3.68	5	5	ND	ND	90	1	2	2	10	1.56	0.05	26	71	0.78	48	0.01	10	1.68	0.01	0.03	1	1	5
A	5742	1	148	1	149	0.1	19	21	2093	6.31	4	5	ND	ND	86	1	2	2	56	1.65	0.13	4	94	1.72	31	0.01	15	2.11	0.01	0.03	1	1	5
A	5743	4	75	34	95	0.1	31	9	1109	3.95	6	5	ND	ND	82	1	2	2	18	2.11	0.19	10	81	1.55	55	0.01	10	1.23	0.01	0.02	1	1	5
A	5744	1	58	51	315	0.1	24	8	2204	3.83	4	5	ND	ND	74	1	2	2	5	1.88	0.04	9	61	0.71	47	0.01	5	1.03	0.01	0.02	1	1	5
A	5745	3	52	12	37	0.1	14	4	1157	2.25	6	5	ND	ND	60	1	2	2	5	1.42	0.05	5	71	0.53	76	0.01	5	0.51	0.01	0.02	1	1	5

CERTIFIED BY : Rossbach

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CERTIFICATE OF ANALYSIS

TO : CME CONSULTING LTD.
#2405-555 WEST HASTINGS STREET
VANCOUVER, B.C.
PROJECT : 01A
TYPE OF ANALYSIS : ICP

CERTIFICATE # : 91010
INVOICE # : 20176
DATE ENTERED : 91-01-21
FILE NAME : CME91010.I
PAGE # : 1

PREFIX	SAMPLE NAME	PPM MO	PPM CU	PPM PB	PPM ZN	PPM AG	PPM NI	PPM CO	PPM MN	% FE	PPM AS	PPM U	PPM AU	PPM HG	PPM SR	PPM CD	PPM SB	PPM BI	PPM V	% CA	% P	PPM LA	PPM CR	% MG	PPM BA	% TI	PPM B	% AL	% NA	% SI	PPM W	PPM BE	PPB Au AA
A	5746	2	84	27	69	0.2	49	13	1426	3.24	8	5	ND	ND	33	1	2	3	4	1.03	0.03	10	68	0.73	30	0.01	5	0.85	0.01	0.01	4	1	5
A	5747	1	76	152	33	0.2	25	6	659	3.23	12	5	ND	ND	58	1	3	8	5	0.92	0.02	9	69	0.29	62	0.01	5	0.48	0.01	0.01	3	1	5
A	5748	1	350	264	1014	2.4	6	10	1801	5.02	6	5	ND	ND	158	5	2	2	44	3.78	0.20	7	53	1.20	30	0.02	10	1.19	0.01	0.01	1	1	5
A	5749	2	86	1411	2540	3.0	19	4	1014	2.07	9	5	ND	ND	45	8	7	14	4	1.23	0.03	16	37	0.49	54	0.01	5	0.43	0.01	0.01	1	1	40
A	5750	1	64	95	95	0.4	14	4	704	1.72	71	5	ND	ND	21	1	3	10	4	0.53	0.01	10	30	0.27	33	0.01	5	0.40	0.01	0.01	3	1	5
A	5751	1	247	7	147	0.6	9	13	2909	8.40	5	5	ND	ND	75	1	2	2	79	1.71	0.11	7	57	1.35	24	0.01	5	3.00	0.01	0.01	3	1	5
A	5752	1	120	8	99	0.4	20	14	958	5.12	8	5	ND	ND	38	1	2	4	32	0.83	0.07	7	43	0.87	28	0.01	15	1.40	0.02	0.01	4	1	5
A	5753	7	62	49	60	0.2	17	9	476	2.28	8	5	ND	ND	46	1	4	10	16	0.83	0.03	13	41	0.43	42	0.01	5	0.75	0.04	0.01	3	1	5
A	5754	1	40	27	31	0.2	13	6	1053	2.31	9	5	ND	ND	117	1	2	7	4	3.85	0.03	19	22	0.85	51	0.01	5	0.39	0.01	0.01	1	1	5
A	5755	2	86	10	38	0.2	29	10	566	2.67	11	5	ND	ND	62	1	3	6	8	1.48	0.05	15	38	0.65	41	0.01	5	0.58	0.01	0.01	2	1	5
A	5756	1	116	4	58	0.2	53	17	316	3.68	10	5	ND	ND	25	1	2	4	12	0.54	0.05	23	51	1.10	61	0.01	10	1.30	0.01	0.01	1	1	5
A	5757	1	30	8	70	0.1	33	12	478	2.83	5	5	ND	ND	41	1	2	6	15	0.56	0.02	23	43	0.61	89	0.01	10	0.92	0.02	0.01	1	1	5
A	5758	1	10	8	17	0.1	11	4	476	1.07	7	5	ND	ND	36	1	2	6	6	0.64	0.01	16	44	0.26	18	0.01	15	0.27	0.04	0.01	1	1	5
A	5759	16	114	8	55	0.2	56	20	991	4.85	8	5	ND	ND	76	1	2	3	16	1.56	0.04	19	43	0.68	40	0.01	5	0.92	0.01	0.01	1	1	5
A	5760	3	92	38	86	0.2	54	18	707	3.84	7	5	ND	ND	38	1	2	5	6	0.44	0.03	11	37	0.65	34	0.01	5	1.00	0.01	0.01	1	1	5
A	5761	2	296	364	1969	3.2	248	33	1110	7.85	57	5	ND	ND	129	4	2	9	3	1.04	0.01	3	71	0.43	19	0.01	5	0.43	0.02	0.05	1	1	40
A	5762	3	114	60	130	0.1	66	17	600	4.29	14	5	ND	ND	48	1	2	9	7	0.43	0.04	9	36	0.69	43	0.01	5	1.24	0.01	0.01	1	1	5
A	5763	2	74	93	103	0.2	43	13	1349	3.33	8	5	ND	ND	41	1	3	9	8	0.84	0.04	9	46	0.90	34	0.01	10	1.18	0.01	0.01	1	1	5
A	5764	1	196	25	175	0.1	26	3	875	5.23	10	5	ND	ND	72	1	2	12	32	2.30	0.05	9	53	1.16	58	0.04	10	1.48	0.02	0.01	1	1	5
A	5765	1	980	12	114	0.2	30	5	496	8.50	10	5	ND	ND	64	1	2	17	22	1.04	0.04	20	64	1.21	82	0.02	5	1.82	0.02	0.06	2	1	20
A	5766	1	346	7	51	0.1	21	9	346	7.01	10	5	ND	ND	62	1	3	8	9	1.18	0.04	12	55	0.74	36	0.02	10	1.17	0.01	0.01	4	1	90
A	5767	1	230	6	39	0.1	19	4	431	4.17	9	5	ND	ND	55	1	2	6	9	1.51	0.03	9	45	0.77	35	0.02	15	1.18	0.01	0.01	3	1	50
A	5768	1	400	15	70	0.4	22	12	512	8.43	12	5	ND	ND	88	2	2	13	10	2.46	0.03	15	63	0.80	37	0.01	5	1.29	0.01	0.01	3	1	60
A	5769	2	490	9	50	0.4	4	5	315	3.88	11	5	ND	ND	40	1	3	2	10	1.39	0.11	8	34	0.84	58	0.04	5	1.18	0.02	0.03	5	1	10
A	5770	1	520	1	45	0.2	49	20	306	4.22	13	5	ND	ND	36	1	2	2	21	0.83	0.08	7	52	1.54	51	0.06	10	1.73	0.01	0.01	2	1	10
A	5771	2	890	5	47	0.2	84	26	358	4.85	14	5	ND	ND	28	1	2	2	20	0.61	0.09	10	55	1.48	56	0.06	10	1.81	0.01	0.01	3	1	5
A	5772	5	780	8	66	0.2	72	13	736	3.48	8	5	ND	ND	62	1	2	2	15	3.30	0.06	23	45	1.68	55	0.01	10	1.07	0.02	0.02	1	1	5
A	5773	1	24	10	45	0.2	7	14	546	2.41	7	5	ND	ND	32	1	5	7	14	1.83	0.05	5	34	1.04	153	0.01	5	1.12	0.02	0.01	3	1	5
A	5774	1	20	10	72	0.2	3	7	473	2.03	10	5	ND	ND	40	1	4	6	9	2.45	0.04	6	34	1.30	45	0.01	5	0.87	0.02	0.01	3	1	5
A	5775	1	76	13	91	0.4	147	28	1005	5.07	2	5	ND	ND	313	1	2	2	16	8.89	0.20	7	79	3.33	62	0.01	5	0.60	0.02	0.01	1	1	5
A	5776	3	88	9	26	0.2	20	22	670	2.07	9	5	ND	ND	58	1	2	5	4	1.25	0.02	9	42	0.51	28	0.01	15	0.38	0.01	0.01	4	1	5
A	5777	2	260	246	235	1.8	79	13	531	4.68	5	5	ND	ND	40	1	2	2	36	1.33	0.05	5	91	2.38	31	0.01	10	2.27	0.01	0.01	1	1	5
A	5778	1	80	9	32	0.2	10	4	105	1.19	6	5	ND	ND	11	1	2	5	5	0.26	0.01	9	40	0.39	25	0.01	5	0.50	0.04	0.01	4	1	5
A	5779	3	430	14	119	0.2	19	7	503	2.84	7	5	ND	ND	62	1	2	2	9	1.38	0.03	11	41	1.05	49	0.01	5	1.22	0.04	0.02	3	1	5
A	5780	1	780	16	220	0.6	50	70	786	12.12	6	5	ND	ND	41	3	2	2	40	1.20	0.04	4	147	3.41	20	0.01	5	3.28	0.06	0.01	1	1	10
A	5781	1	1400	3	182	1.0	45	72	537	10.28	8	5	ND	ND	38	2	2	2	17	1.04	0.10	25	79	2.19	51	0.01	5	2.19	0.02	0.04	3	1	20
A	5782	1	480	4	66	0.2	19	9	149	3.34	4	5	ND	ND	12	1	2	2	7	0.23	0.03	14	30	0.95	74	0.01	5	1.09	0.01	0.01	3	1	5
A	5783	1	2200	17	77	1.6	49	39	419	8.61	8	5	ND	ND	37	1	2	4	8	0.95	0.02	6	64	1.29	42	0.01	10	1.07	0.01	0.02	4	1	20

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CERTIFICATE OF ANALYSIS

TO : CME CONSULTING LTD.
#2405-555 WEST HASTINGS STREET
VANCOUVER, B.C.
PROJECT : 01A
TYPE OF ANALYSIS : ICP

CERTIFICATE # : 91011
INVOICE # : 20176
DATE ENTERED : 91-01-21
FILE NAME : CME91011.I
PAGE # : 1

PREFIX	SAMPLE NAME	PPM MO	PPM CU	PPM PB	PPM ZN	PPM AG	PPM NI	PPM CO	PPM MN	% FE	PPM AS	PPM U	PPM AU	PPM HG	PPM SR	PPM CD	PPM SB	PPM BI	PPM V	% CA	% P	PPM LA	PPM CR	% MG	PPM BA	% TI	PPM B	% AL	% NA	% SI	PPM W	PPM BE	PPB Au AA
A	5784	2	765	3	100	0.5	74	22	467	7.60	7	5	ND	ND	14	1	2	2	35	0.42	0.08	8	108	2.62	63	0.01	10	2.51	0.02	0.02	1	1	5
A	5785	2	297	3	82	0.5	59	13	533	4.67	9	5	ND	ND	22	1	4	2	35	0.76	0.06	15	89	2.56	79	0.01	10	2.42	0.04	0.02	1	1	5
A	5786	2	804	5	78	0.6	88	61	283	16.35	11	5	ND	ND	14	5	2	7	10	0.34	0.04	7	75	1.12	38	0.01	15	1.19	0.02	0.03	1	1	5
A	5787	2	602	5	73	0.6	33	8	431	4.89	9	5	ND	ND	51	1	2	2	15	1.21	0.19	13	50	1.55	169	0.01	10	1.74	0.01	0.02	1	1	5
A	5788	2	678	4	126	0.5	74	30	591	9.09	8	5	ND	ND	50	1	2	2	47	1.33	0.29	8	95	2.76	36	0.01	5	2.79	0.02	0.02	1	1	5
A	5789	1	306	1	188	0.2	157	33	1186	6.28	8	5	ND	ND	124	1	2	2	85	3.75	0.12	3	119	3.05	8	0.01	5	3.04	0.02	0.02	1	2	5
A	5790	1	545	8	132	0.4	165	43	1200	7.61	3	5	ND	ND	151	1	2	2	93	4.08	0.12	5	119	3.30	67	0.04	5	3.11	0.02	0.03	1	2	5
A	5791	1	339	7	111	0.4	174	39	1090	7.84	6	5	ND	ND	143	1	2	2	114	3.38	0.11	6	130	3.48	145	0.08	5	3.34	0.02	0.04	1	2	5
A	5792	1	655	5	139	0.4	166	40	931	8.03	10	5	ND	ND	93	1	2	2	96	2.47	0.11	6	111	2.80	116	0.11	10	2.76	0.06	0.03	1	2	5
A	5793	1	29	10	50	0.3	23	1	1234	1.98	3	5	ND	ND	156	1	2	2	37	5.90	0.08	15	52	2.92	23	0.07	15	2.20	0.04	0.01	1	1	5
A	5794	1	108	8	47	0.2	16	4	1282	2.53	3	5	ND	ND	132	1	2	2	30	5.30	0.07	15	62	3.04	8	0.04	10	2.26	0.02	0.02	1	1	5
A	5795	1	223	7	56	0.3	23	3	1284	3.35	6	5	ND	ND	93	1	2	2	30	4.63	0.07	13	56	2.36	23	0.04	10	2.00	0.01	0.01	1	1	5
A	5796	2	674	7	114	0.4	62	34	365	10.81	7	5	ND	ND	15	2	2	9	18	0.61	0.05	11	72	1.12	25	0.05	5	1.11	0.01	0.02	2	1	5
A	5797	2	249	8	68	0.4	38	12	276	4.36	7	5	ND	ND	13	1	2	13	10	0.39	0.05	23	39	0.92	55	0.03	5	1.04	0.01	0.02	1	1	5
A	5798	2	351	6	59	0.3	52	24	772	6.54	10	5	ND	ND	35	1	2	2	48	1.77	0.12	10	57	1.78	35	0.05	10	1.85	0.01	0.02	1	1	20
A	5799	2	62	7	56	0.3	36	13	301	2.92	7	5	ND	ND	14	1	2	7	11	0.34	0.05	16	38	0.77	59	0.02	5	1.14	0.01	0.01	1	1	5
A	5800	2	303	13	110	0.4	132	33	897	6.07	7	5	ND	ND	49	1	2	2	65	1.80	0.22	8	97	3.08	5	0.10	10	2.94	0.02	0.03	1	1	5
A	5801	1	1329	4	72	0.6	152	43	455	12.50	8	5	ND	ND	23	3	2	2	53	0.72	0.11	11	104	2.39	5	0.07	15	2.27	0.02	0.02	1	1	5
A	5802	2	234	5	50	0.4	77	9	441	3.89	6	5	ND	ND	27	1	2	5	28	0.91	0.11	13	62	1.81	37	0.04	5	1.62	0.01	0.02	1	1	5
A	5803	2	233	2	42	0.4	31	8	236	3.59	5	5	ND	ND	11	1	2	5	9	0.24	0.05	15	34	0.97	49	0.02	5	1.17	0.01	0.01	1	1	170
A	5804	1	450	1	40	0.5	45	14	293	5.11	7	5	ND	ND	21	1	2	2	18	0.57	0.03	18	53	1.27	41	0.02	5	1.32	0.01	0.02	1	1	5
A	5805	2	275	2	61	0.3	53	13	799	5.37	7	5	ND	ND	78	1	2	2	29	2.33	0.09	26	87	2.14	38	0.02	5	2.14	0.01	0.02	1	1	5
A	5806	2	2310	20	125	1.2	144	85	552	13.72	12	5	ND	ND	104	6	2	2	6	2.92	0.03	7	66	0.55	17	0.01	10	0.61	0.01	0.04	1	1	330
A	5807	2	254	6	137	0.3	44	22	830	5.73	9	5	ND	ND	77	1	2	2	94	1.88	0.16	28	62	2.06	47	0.02	5	2.54	0.02	0.02	1	2	5
A	5808	1	178	71	4121	0.6	15	7	1350	4.09	2	5	ND	ND	340	22	2	2	28	9.55	0.05	12	44	1.21	46	0.01	5	1.31	0.02	0.02	1	1	5
A	5809	2	1624	27	511	1.3	32	22	713	12.70	13	5	ND	ND	86	6	4	21	6	3.69	0.04	13	59	0.85	56	0.01	10	0.96	0.01	0.05	1	1	20
A	5810	2	4398	24	111	2.1	27	37	79	11.33	8	5	ND	ND	8	3	2	19	1	0.24	0.01	5	55	0.21	29	0.01	15	0.28	0.02	0.03	4	1	90
A	5811	2	580	12	80	0.4	28	19	174	11.79	11	5	ND	ND	11	2	2	15	13	0.42	0.04	9	53	0.62	43	0.01	10	0.87	0.04	0.02	3	1	20
A	5812	2	1924	3	122	1.0	35	38	337	14.22	14	5	ND	ND	16	4	2	5	17	0.54	0.06	11	69	1.91	45	0.02	5	2.27	0.03	0.03	7	1	110
A	5813	1	434	18	77	0.4	14	30	766	9.41	20	5	ND	ND	77	2	2	8	11	4.68	0.03	9	51	1.25	30	0.02	5	1.51	0.05	0.06	3	1	50
A	5814	1	1129	72	47	1.1	16	13	271	9.91	9	5	ND	ND	35	1	2	67	5	1.49	0.04	8	53	0.48	38	0.01	5	0.75	0.02	0.03	96	1	50
A	5815	2	1155	50	154	1.1	36	24	1125	7.68	17	5	ND	ND	97	1	2	2	18	3.38	0.08	9	60	1.29	47	0.01	5	1.52	0.04	0.04	13	1	30
A	5816	2	876	7	54	0.4	12	16	572	3.32	8	5	ND	ND	73	1	2	2	18	2.76	0.03	9	37	1.00	38	0.01	5	1.46	0.02	0.01	1	1	5
A	5817	12	11966	1	217	3.0	12	36	371	5.96	6	5	ND	ND	28	1	2	2	68	1.11	0.17	9	45	1.42	57	0.01	10	2.38	0.02	0.02	5	1	50
A	5818	58	4055	2	119	1.1	9	30	566	5.34	6	5	ND	ND	75	1	2	2	69	3.39	0.16	7	42	1.38	41	0.01	15	2.23	0.02	0.04	1	1	20
A	5819	12	3648	1	101	1.0	16	21	544	4.64	7	5	ND	ND	64	1	2	2	70	3.27	0.08	7	48	1.50	40	0.01	15	2.20	0.02	0.03	1	1	10
A	5820	13	5188	4	92	1.2	26	14	127	2.48	6	5	ND	ND	16	1	5	9	7	0.37	0.05	15	36	0.60	83	0.01	10	1.11	0.01	0.02	4	1	30
A	5821	143	5195	1	93	1.0	11	27	440	5.49	10	5	ND	ND	64	1	2	2	95	2.29	0.13	5	51	1.86	60	0.01	10	2.79	0.02	0.03	3	2	40
A	5822	4	219	13	92	0.3	25	7	708	3.36	15	5	ND	ND	110	1	5	6	14	1.70	0.05	9	40	0.99	51	0.01	5	1.05	0.02	0.02	3	1	5
A	5823	2	159	408	1292	1.4	63	13	400	3.44	12	5	ND	ND	71	6	3	2	29	1.60	0.04	5	73	1.44	46	0.01	195	1.49	0.01	0.01	1	1	5

CERTIFIED BY : C. Rossbach

ROSSBACHER LABORATORY LTD.

2225 S. Springer Ave., Burnaby,
British Columbia, Can. V5B 3N1
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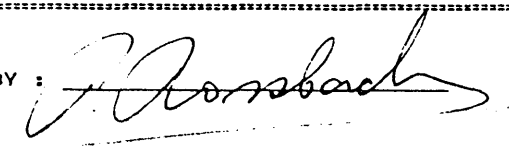
CERTIFICATE OF ANALYSIS

TO : CME CONSULTING LTD.
#2405-555 WEST HASTINGS STREET
VANCOUVER, B.C.
PROJECT : 01A
TYPE OF ANALYSIS : ICP

CERTIFICATE # : 91011
INVOICE # : 20176
DATE ENTERED : 91-01-21
FILE NAME : CME91011.I
PAGE # : 2

PREFIX	SAMPLE NAME	PPM MO	PPM CU	PPM PB	PPM ZN	PPM AG	PPM NI	PPM CD	PPM MN	% FE	PPM AS	PPM U	PPM AU	PPM HG	PPM SR	PPM CD	PPM SB	PPM BI	PPM V	% CA	% P	PPM LA	PPM CR	% MG	PPM BA	% TI	PPM B	% AL	% NA	% SI	PPM W	PPM BE	PPB Au AA
A	5824	2	1459	42	102	1.0	31	10	555	7.08	7	5	ND	ND	74	1	2	2	13	2.16	0.04	16	62	1.32	29	0.01	848	0.88	0.02	0.02	1	1	5
A	5825	1	4163	155	159	2.6	39	26	506	11.03	9	5	ND	ND	50	2	2	13	13	1.03	0.02	6	70	1.23	30	0.01	1462	1.08	0.02	0.03	1	1	20
A	5826	1	1337	37	104	0.9	13	9	652	2.60	8	5	ND	ND	49	1	3	2	4	1.10	0.02	7	43	0.68	49	0.01	249	0.50	0.01	0.01	1	1	5
A	5827	1	317	30	114	0.6	41	9	2000	3.34	6	5	ND	ND	65	1	4	2	7	1.53	0.03	13	47	1.03	70	0.01	196	0.96	0.01	0.01	1	1	5
A	5828	1	210	8	125	0.4	89	28	1570	4.42	7	5	ND	ND	66	1	2	2	16	1.49	0.09	7	50	1.26	59	0.01	242	1.53	0.01	0.01	1	1	5
A	5829	1	57	7	49	0.1	23	8	584	1.94	5	5	ND	ND	42	1	3	2	6	0.75	0.02	12	36	0.71	81	0.01	76	0.87	0.01	0.01	1	1	5

CERTIFIED BY : 

ROSSBACHER LABORATORY LTD.

2225 S. Springer Ave., Burnaby,
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CERTIFICATE OF ANALYSIS

TO : CME CONSULTING LTD.
#2405-555 WEST HASTINGS STREET
VANCOUVER, B.C.
PROJECT : 01A
TYPE OF ANALYSIS : ICP

CERTIFICATE # : 91013
INVOICE # : 20176
DATE ENTERED : 91-01-24
FILE NAME : CME91013.I
PAGE # : 1

PRE FIX	SAMPLE NAME	PPM MO	PPM CU	PPM PB	PPM ZN	PPM AG	PPM NI	PPM CO	PPM MN	% FE	PPM AS	PPM U	PPM AU	PPM HG	PPM SR	PPM CD	PPM SB	PPM BI	PPM V	% CA	% P	PPM LA	PPM CR	% MG	PPM BA	% TI	PPM B	% AL	% NA	% SI	PPM W	PPM BE	PPB Au AA
A	5830	1	1667	10	55	0.3	31	22	207	7.29	8	5	ND	ND	63	1	2	2	5	0.89	0.01	4	96	1.01	9	0.01	5	0.69	0.01	0.02	7	1	10
A	5831	2	464	8	61	0.1	50	10	253	3.99	4	5	ND	ND	21	1	2	2	21	0.44	0.05	8	84	2.01	33	0.01	10	1.98	0.01	0.02	1	1	5
A	5832	2	685	5	51	0.2	77	12	361	4.30	6	5	ND	ND	16	1	2	2	21	0.49	0.05	8	76	2.03	32	0.01	5	2.07	0.01	0.01	1	1	10
A	5833	2	937	3	58	0.3	73	12	365	4.88	5	5	ND	ND	15	1	2	2	14	0.60	0.05	11	66	1.83	48	0.01	10	1.87	0.02	0.02	1	1	10
A	5834	1	719	2	49	0.1	56	11	335	4.92	6	5	ND	ND	12	1	2	2	16	0.49	0.05	10	60	1.91	42	0.01	15	1.93	0.04	0.01	1	1	5
A	5835	1	4227	9	101	1.6	109	104	239	17.32	9	5	ND	ND	15	1	2	2	7	0.46	0.02	9	74	0.94	38	0.01	10	1.03	0.02	0.02	1	1	30
A	5836	1	817	4	78	0.1	77	19	879	6.27	9	5	ND	ND	79	1	2	2	39	2.48	0.11	6	77	1.69	92	0.01	5	1.98	0.01	0.01	1	1	5
A	5837	1	756	6	76	0.2	133	35	1162	7.27	8	5	ND	ND	156	1	2	2	61	3.88	0.07	5	91	1.84	13	0.01	5	1.83	0.01	0.01	1	1	5
A	5838	1	430	12	85	0.2	88	17	920	6.59	9	5	ND	ND	97	1	2	2	104	2.46	0.11	8	68	2.06	67	0.02	5	2.00	0.01	0.02	1	2	5
A	5839	1	276	4	89	0.1	137	24	930	6.29	8	5	ND	ND	134	1	2	2	90	3.12	0.10	5	95	2.27	102	0.05	5	2.25	0.01	0.02	1	2	5
A	5840	1	318	1	83	0.1	147	26	766	6.32	12	5	ND	ND	126	1	2	2	91	2.90	0.08	2	119	2.38	112	0.06	5	2.43	0.02	0.02	1	2	5
A	5841	5	266	4	110	0.1	111	22	969	6.84	7	5	ND	ND	148	1	2	2	91	3.46	0.11	9	114	2.82	116	0.06	10	2.89	0.03	0.02	1	2	5
A	5842	1	366	9	135	0.2	90	22	746	7.92	8	5	ND	ND	87	1	2	2	66	2.45	0.32	12	79	2.07	63	0.07	5	2.11	0.04	0.02	1	1	5
A	5843	1	1375	7	174	0.6	109	29	349	11.37	6	5	ND	ND	24	2	2	2	33	0.57	0.03	16	59	1.36	14	0.01	10	1.32	0.02	0.02	1	1	5
A	5844	2	233	10	91	0.1	32	7	584	3.52	7	5	ND	ND	66	1	3	5	13	1.67	0.05	15	37	0.93	56	0.01	5	0.84	0.03	0.01	1	1	5
A	5845	1	176	9	56	0.1	21	5	656	2.74	6	5	ND	ND	57	1	4	7	6	1.56	0.03	14	29	0.87	48	0.01	15	0.69	0.01	0.01	1	1	5
A	5846	1	270	10	102	0.1	101	14	822	5.32	9	5	ND	ND	69	1	3	2	32	1.93	0.12	10	79	2.14	26	0.01	5	1.89	0.01	0.01	1	1	5
A	5847	1	1480	10	85	0.7	162	40	406	12.77	5	5	ND	ND	33	1	2	2	17	0.89	0.03	8	67	1.15	14	0.01	5	1.15	0.01	0.02	1	1	5
A	5848	1	462	4	102	0.5	73	13	586	7.04	6	5	ND	ND	55	1	2	2	47	1.23	0.07	13	68	2.07	48	0.01	5	2.05	0.01	0.02	1	1	5
A	5849	1	197	5	81	0.1	67	14	629	5.30	6	5	ND	ND	56	1	3	2	58	1.68	0.14	14	72	2.28	23	0.02	5	2.18	0.01	0.02	1	1	10
A	5850	1	58	2	80	0.1	23	7	255	2.29	2	5	ND	ND	17	1	2	7	6	0.27	0.02	15	30	0.62	55	0.01	5	0.97	0.02	0.01	2	1	5
A	5851	1	272	9	142	0.1	10	13	740	6.36	2	5	ND	ND	39	1	2	2	64	1.14	0.14	10	46	1.46	31	0.01	10	1.89	0.04	0.01	1	1	5
A	5852	2	169	10	627	0.1	12	10	488	4.67	2	5	ND	ND	25	5	2	4	15	0.71	0.05	17	41	0.94	42	0.01	5	1.24	0.05	0.01	1	1	5
A	5853	1	520	62	542	0.6	21	28	1215	9.18	5	5	ND	ND	77	5	2	12	67	2.68	0.13	9	57	1.78	32	0.01	5	2.25	0.03	0.02	1	1	5
A	5854	1	345	19	198	0.4	24	22	1051	7.41	5	5	ND	ND	53	1	2	4	83	2.36	0.12	5	53	1.50	13	0.01	5	1.71	0.04	0.01	1	2	5
A	5855	1	276	13	208	0.2	33	18	1139	6.50	4	5	ND	ND	48	1	3	2	77	2.30	0.10	7	59	1.62	16	0.01	15	1.86	0.02	0.02	1	1	5
A	5856	1	250	17	258	0.4	39	26	1251	7.12	4	5	ND	ND	108	2	3	3	52	3.07	0.08	11	51	1.59	21	0.01	15	1.94	0.03	0.02	1	1	5
A	5857	7	212	12	470	0.3	47	16	999	6.71	5	5	ND	ND	54	1	2	2	37	1.46	0.19	21	74	2.87	16	0.01	10	2.85	0.02	0.02	1	1	5
A	5858	1	298	16	2336	0.3	19	23	1093	6.70	4	5	ND	ND	53	13	2	2	56	1.84	0.07	10	41	1.07	29	0.01	15	1.74	0.02	0.02	1	1	5
A	5859	3	392	18	122	0.2	18	8	879	4.65	4	5	ND	ND	93	1	3	9	9	1.42	0.03	18	34	0.70	62	0.01	5	0.90	0.01	0.01	3	1	5
A	5860	1	79	37	60	0.1	42	17	2169	3.55	6	5	ND	ND	209	1	2	2	8	5.69	0.04	6	48	1.41	22	0.01	5	0.42	0.01	0.01	1	1	5
A	5861	4	88	18	66	0.1	40	13	664	4.53	8	5	ND	ND	66	1	2	2	7	1.76	0.05	4	42	1.25	35	0.01	5	0.71	0.01	0.01	2	1	5
A	5862	39	88	85	72	0.4	37	11	707	4.53	11	5	ND	ND	80	1	2	2	5	2.31	0.05	4	44	1.47	33	0.01	5	0.56	0.06	0.01	2	1	5
A	5863	5	76	21	74	0.2	38	17	511	4.55	10	5	ND	ND	63	1	2	2	6	1.71	0.04	3	42	1.24	33	0.01	10	0.66	0.05	0.01	2	1	5
A	5864	39	111	24	67	0.4	48	18	1066	4.77	9	5	ND	ND	82	1	2	4	8	1.41	0.02	4	45	1.06	34	0.01	5	0.89	0.04	0.02	3	1	5
A	5865	2	47	38	24	0.2	23	8	598	2.97	8	5	ND	ND	79	1	4	9	4	0.87	0.03	7	35	0.56	44	0.01	5	0.35	0.02	0.01	4	1	5
A	5866	2	41	14	64	0.4	27	12	382	3.13	6	5	ND	ND	43	1	3	4	6	0.47	0.02	8	37	0.67	36	0.01	10	0.70	0.03	0.01	5	1	5
A	5867	1	46	14	57	0.3	31	12	384	3.30	7	5	ND	ND	37	1	3	5	7	0.43	0.03	9	41	0.76	34	0.01	5	0.89	0.04	0.01	4	1	5
A	5868	1	41	28	41	0.4	29	11	299	3.03	8	5	ND	ND	45	1	3	12	5	0.47	0.02	9	32	0.54	38	0.01	5	0.57	0.01	0.01	4	1	5
A	5869	1	19	4	34	0.1	16	4	406	1.95	4	5	ND	ND	63	1	2	2	5	0.58	0.03	6	51	0.50	26	0.01	5	0.68	0.01	0.01	1	1	5

CERTIFIED BY : F. Rossbach

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CERTIFICATE OF ANALYSIS

TO : CME CONSULTING LTD.
#2405-555 WEST HASTINGS STREET
VANCOUVER, B.C.
PROJECT : 01A
TYPE OF ANALYSIS : ICP

CERTIFICATE # : 91013
INVOICE # : 20176
DATE ENTERED : 91-01-24
FILE NAME : CME91013.I
PAGE # : 2

PREFIX	SAMPLE NAME	PPM MO	PPM CU	PPM PB	PPM ZN	PPM AG	PPM NI	PPM CO	PPM MN	% FE	PPM AS	PPM U	PPM AU	PPM HG	PPM SR	PPM CD	PPM SB	PPM BI	PPM V	% CA	% P	PPM LA	PPM CR	% MG	PPM BA	% TI	PPM B	% AL	% NA	% SI	PPM W	PPM BE	PPB Au AA
A	5870	1	54	3	60	0.1	30	12	671	3.59	14	5	ND	ND	35	1	2	2	6	0.50	0.02	6	40	0.81	31	0.01	5	1.01	0.01	0.01	1	1	5

CERTIFIED BY : J. Rossbach

ROSSBACHER LABORATORY LTD.

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British Columbia, Can. V5B 3H1
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CERTIFICATE OF ANALYSIS

TO : CME CONSULTING LTD.
#2405-555 WEST HASTINGS STREET
VANCOUVER, B.C.
PROJECT : 01A
TYPE OF ANALYSIS : ICP

CERTIFICATE # : 91015
INVOICE # : 20176
DATE ENTERED : 91-01-24
FILE NAME : CME91015.I
PAGE # : 1

PRE FIX	SAMPLE NAME	PPM MO	PPM CU	PPM PB	PPM ZN	PPM AG	PPM NI	PPM CO	PPM MN	% FE	PPM AS	PPM U	PPM AU	PPM HG	PPM SR	PPM CD	PPM SB	PPM BI	PPM V	% CA	% P	PPM LA	PPM CR	% MG	PPM BA	% TI	PPM B	% AL	% NA	% SI	PPM W	PPM BE	PPB Au AA
A	5871	2	42	12	55	0.1	29	10	418	2.97	7	5	ND	ND	38	1	2	2	7	0.49	0.03	6	248	0.62	25	0.01	5	0.72	0.01	0.01	1	1	5
A	5872	2	38	48	67	0.2	33	11	321	3.04	6	5	ND	ND	26	1	2	2	8	0.27	0.04	8	170	0.66	36	0.01	5	0.92	0.01	0.01	1	1	5
A	5873	1	39	21	49	0.1	26	9	352	2.60	5	5	ND	ND	27	1	2	2	5	0.37	0.03	6	63	0.55	23	0.01	5	0.60	0.02	0.01	1	1	5
A	5874	2	39	44	48	0.1	31	13	619	3.21	4	5	ND	ND	42	1	2	2	6	0.64	0.03	7	36	0.65	29	0.01	5	0.67	0.04	0.01	1	1	5
A	5875	2	60	10	57	0.2	38	15	487	3.86	4	5	ND	ND	37	1	2	2	7	0.53	0.02	8	17	0.72	35	0.01	10	0.91	0.02	0.01	1	1	5
A	5876	2	39	7	54	0.1	38	13	735	3.90	4	5	ND	ND	77	1	3	2	8	0.98	0.05	8	11	0.80	47	0.01	5	1.26	0.05	0.01	1	1	5
A	5877	2	40	11	33	0.2	29	13	324	2.97	5	5	ND	ND	31	1	3	2	6	0.52	0.04	9	1	0.55	38	0.01	5	0.62	0.02	0.01	1	1	5
A	5878	1	32	2	51	0.3	28	11	313	2.65	3	5	ND	ND	20	1	2	2	7	0.34	0.03	9	1	0.67	32	0.01	5	0.92	0.02	0.01	1	1	5
A	5879	1	67	3	57	0.1	30	11	413	3.48	16	5	ND	ND	21	1	2	2	8	0.32	0.05	7	1	0.73	29	0.01	5	1.14	0.01	0.01	1	1	5
A	5880	2	37	1	70	0.3	28	10	280	2.66	2	5	ND	ND	14	1	2	2	9	0.20	0.03	11	1	0.75	29	0.01	10	1.20	0.01	0.01	1	1	5
A	5881	1	38	9	50	0.1	29	13	203	2.88	6	5	ND	ND	18	1	2	7	6	0.28	0.04	7	48	0.58	29	0.01	15	0.71	0.01	0.01	1	1	5
A	5882	2	49	165	70	0.4	33	12	194	3.67	17	5	ND	ND	36	1	2	2	5	0.59	0.06	6	48	0.51	34	0.01	10	0.45	0.01	0.01	1	1	5
A	5883	1	47	34	56	0.1	29	12	143	3.04	14	5	ND	ND	28	1	2	3	5	0.42	0.03	6	37	0.40	30	0.01	5	0.41	0.04	0.01	1	1	5
A	5884	3	42	13	39	1.4	30	13	226	2.83	8	5	ND	ND	49	1	2	3	5	0.66	0.05	7	63	0.52	196	0.01	5	0.37	0.02	0.01	4	1	5
A	5885	1	40	32	55	0.3	30	15	237	3.18	7	5	ND	ND	40	1	2	8	5	0.63	0.02	7	42	0.51	81	0.01	5	0.40	0.01	0.01	1	1	5
A	5886	2	37	11	84	0.1	31	12	245	3.10	8	5	ND	ND	27	1	2	6	8	0.41	0.04	9	51	0.74	42	0.01	10	0.86	0.01	0.01	1	1	5
A	5887	2	45	9	65	0.1	36	14	274	3.10	4	5	ND	ND	21	1	2	4	8	0.29	0.03	8	39	0.72	36	0.01	5	0.95	0.01	0.01	1	1	5

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ROSSBACHER LABORATORY LTD.

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CERTIFICATE OF ANALYSIS

TO : CME CONSULTING LTD.
#2405-555 WEST HASTINGS STREET
VANCOUVER, B.C.
PROJECT : 01A
TYPE OF ANALYSIS : ICP

CERTIFICATE # : 91016
INVOICE # : 20176
DATE ENTERED : 91-01-24
FILE NAME : CME91016.I
PAGE # : 1

PRE FIX	SAMPLE NAME	PPM MO	PPM CU	PPM PB	PPM ZN	PPM AG	PPM NI	PPM CO	PPM MN	% FE	PPM AS	PPM U	PPM AU	PPM HG	PPM SR	PPM CD	PPM SB	PPM BI	PPM V	% CA	% P	PPM LA	PPM CR	% MG	PPM BA	% TI	PPM B	% AL	% NA	% SI	PPM W	PPM BE	PPB Au AA
A	5682	16	2252	5	45	0.2	6	11	177	2.04	7	5	ND	ND	54	1	3	2	6	1.06	0.02	9	57	0.53	137	0.01	5	1.14	0.01	0.07	6	1	5
A	5683	17	2416	5	36	0.4	4	11	143	1.94	5	5	ND	ND	54	1	3	2	9	1.17	0.03	6	49	0.50	65	0.01	5	1.00	0.02	0.06	4	1	5
A	5684	8	752	3	27	0.1	18	11	169	1.78	6	5	ND	ND	46	1	2	2	9	0.67	0.02	9	48	0.63	867	0.01	5	1.12	0.01	0.04	2	1	5
A	5888	2	72	35	32	0.2	30	12	857	3.12	7	5	ND	ND	58	1	4	2	7	1.14	0.04	11	54	0.76	79	0.01	10	0.79	0.01	0.04	1	1	5
A	5889	3	69	8	84	0.2	47	18	330	4.23	5	5	ND	ND	17	1	3	2	13	0.28	0.03	16	53	0.97	52	0.01	15	1.65	0.01	0.02	3	1	5
A	5890	4	45	26	65	0.1	31	15	520	3.65	7	5	ND	ND	78	1	5	2	13	0.76	0.03	16	58	0.76	77	0.01	10	1.46	0.01	0.07	3	1	5
A	5891	7	66	34	121	0.4	47	16	422	5.05	12	5	ND	ND	45	1	5	2	11	1.91	0.05	27	45	1.24	52	0.01	5	1.14	0.02	0.03	2	1	5
A	5892	7	69	13	84	0.1	51	16	1208	5.12	6	5	ND	ND	40	1	5	2	19	0.96	0.03	19	54	1.40	54	0.01	5	2.02	0.01	0.04	2	1	5
A	5893	4	67	17	98	0.1	49	18	759	5.08	5	5	ND	ND	23	1	4	2	19	0.44	0.02	14	47	1.37	49	0.01	5	2.09	0.01	0.04	5	1	5
A	5894	3	55	42	100	0.1	64	21	1061	5.09	14	5	ND	ND	152	1	6	2	49	2.51	0.06	10	69	1.93	77	0.01	10	2.36	0.01	0.07	2	2	5
A	5895	2	36	6	56	0.1	36	13	881	3.32	8	5	ND	ND	51	1	2	2	13	1.12	0.03	12	41	0.82	47	0.01	10	1.28	0.01	0.04	1	1	5
A	5896	2	59	6	114	0.3	65	28	1436	8.82	15	5	ND	ND	149	1	2	2	154	3.04	0.05	4	110	2.88	25	0.04	10	3.54	0.02	0.09	1	3	5
A	5897	2	27	9	48	0.1	25	11	392	2.57	8	5	ND	ND	41	1	2	2	14	0.65	0.04	15	35	0.59	70	0.01	5	1.09	0.01	0.05	1	1	5
A	5898	1	101	4	112	0.1	70	33	1095	6.46	7	5	ND	ND	442	1	2	2	201	5.84	0.03	13	98	2.98	15	0.09	5	3.46	0.02	0.06	1	4	5
A	5899	3	48	5	76	0.1	38	16	308	3.80	11	5	ND	ND	31	1	3	2	40	0.39	0.04	25	65	1.13	46	0.02	5	1.87	0.03	0.07	2	1	5
A	5900	7	79	17	82	0.2	59	21	457	5.17	8	5	ND	ND	49	1	2	2	28	0.67	0.03	19	44	1.06	73	0.01	5	1.83	0.01	0.06	1	1	5
A	5901	7	48	14	61	0.1	41	15	572	3.95	8	5	ND	ND	30	1	2	3	13	0.68	0.02	16	43	0.94	87	0.01	5	1.47	0.01	0.06	1	1	5
A	5902	4	54	25	93	0.3	46	19	377	4.33	9	5	ND	ND	29	1	3	2	19	0.44	0.03	18	41	0.97	66	0.01	10	1.75	0.01	0.06	1	1	5
A	5903	11	56	109	127	0.2	51	17	449	4.52	7	5	ND	ND	26	1	3	4	16	0.49	0.03	21	44	1.08	63	0.01	10	1.78	0.01	0.06	1	1	5
A	5904	2	113	13	111	0.3	75	34	963	6.49	6	5	ND	ND	402	1	2	2	189	6.48	0.02	10	95	3.02	8	0.10	15	3.58	0.02	0.05	1	4	5
A	5905	3	46	8	46	0.2	22	11	955	2.85	9	5	ND	ND	63	1	2	2	10	1.58	0.03	10	42	0.87	40	0.01	5	0.97	0.01	0.05	1	1	5
A	5906	3	37	1	38	0.1	24	8	1188	2.41	9	5	ND	ND	91	1	2	2	13	1.95	0.04	16	39	0.86	53	0.02	5	0.68	0.02	0.05	1	1	5
A	5907	2	52	121	139	0.5	16	7	885	2.65	7	5	ND	ND	47	1	2	2	4	1.33	0.03	6	50	0.55	20	0.01	5	0.35	0.01	0.04	1	1	5

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CERTIFICATE OF ANALYSIS

TO : CME CONSULTING LTD.
#2405-555 WEST HASTINGS STREET
VANCOUVER, B.C.
PROJECT : 01A
TYPE OF ANALYSIS : ICP

CERTIFICATE # : 91018
INVOICE # : 20176
DATE ENTERED : 91-01-31
FILE NAME : CME91018.I
PAGE # : 1

PREFIX	SAMPLE NAME	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	CO PPM	MN PPM	FE %	AS PPM	U PPM	AU PPM	HG PPM	SR PPM	CD PPM	SB PPM	BI PPM	V PPM	CA %	P %	LA PPM	CR PPM	MG %	BA PPM	TI %	B PPM	AL %	NA %	SI %	W PPM	BE PPM	Au PPB AA
A	5685	1	80	2	97	0.1	101	17	884	3.78	23	5	ND	ND	150	1	2	2	53	4.39	0.03	5	147	3.21	5	0.01	5	2.60	0.01	0.02	1	1	5
A	5686	11	1124	1	41	0.3	55	21	301	4.56	11	5	ND	ND	59	1	2	2	42	0.88	0.07	7	55	1.76	34	0.05	5	2.03	0.01	0.02	1	1	10
A	5687	1	1473	1	59	0.3	65	33	547	5.09	29	5	ND	ND	38	1	2	2	43	1.34	0.05	1	81	2.89	13	0.08	5	2.98	0.01	0.02	1	1	5
A	5688	5	2330	1	77	0.2	85	36	513	5.15	31	5	ND	ND	41	1	3	2	44	1.07	0.04	1	89	2.99	16	0.08	5	3.09	0.01	0.02	1	1	5
A	5689	4	3079	1	80	0.4	44	36	432	5.85	14	5	ND	ND	48	1	2	2	58	1.44	0.06	4	52	2.34	23	0.04	5	2.86	0.01	0.03	1	1	20
A	5690	4	737	5	21	0.4	8	8	264	1.16	8	5	ND	ND	73	1	2	2	5	1.71	0.01	14	18	0.24	48	0.01	5	0.49	0.01	0.01	1	1	10
A	5691	4	884	2	35	0.5	23	16	222	2.65	5	5	ND	ND	26	1	3	2	8	0.55	0.04	20	23	0.82	49	0.01	5	1.44	0.01	0.02	1	1	5
A	5692	15	969	1	39	0.2	12	10	285	3.35	6	5	ND	ND	52	1	2	2	20	1.29	0.02	16	28	1.23	56	0.01	10	2.00	0.01	0.02	1	1	5
A	5693	4	1032	3	30	0.2	17	15	182	2.18	4	5	ND	ND	40	1	2	2	6	0.79	0.02	16	22	0.71	82	0.01	10	1.22	0.01	0.02	1	1	5
A	5694	14	1205	1	56	0.1	30	10	233	3.34	3	5	ND	ND	22	1	2	2	10	0.39	0.03	19	31	1.14	82	0.01	15	2.03	0.01	0.02	1	1	5
A	5695	12	3381	2	59	0.8	5	14	145	2.42	6	5	ND	ND	25	1	3	2	24	0.57	0.02	6	40	0.72	39	0.01	5	1.22	0.01	0.02	4	1	20
A	5696	22	1425	5	35	0.2	12	12	154	1.79	8	5	ND	ND	26	1	4	2	9	0.55	0.02	8	30	0.65	50	0.01	5	1.09	0.01	0.02	3	1	5
A	5697	7	2061	8	52	0.3	22	15	284	2.80	6	5	ND	ND	40	1	4	2	23	1.05	0.05	13	36	0.95	46	0.01	5	1.57	0.01	0.02	2	1	5
A	5698	15	902	5	36	0.1	8	9	394	2.20	7	5	ND	ND	75	1	2	2	18	1.47	0.02	14	36	0.77	60	0.01	10	1.33	0.01	0.02	1	1	5
A	5699	6	6856	1	109	1.1	16	33	368	5.97	3	5	ND	ND	48	1	2	2	88	1.51	0.08	5	49	1.81	32	0.05	5	2.79	0.01	0.03	2	1	60
A	5700	4	9166	1	132	2.0	18	36	468	6.46	2	5	ND	ND	73	1	2	2	120	1.91	0.09	16	49	1.91	52	0.02	5	3.20	0.01	0.03	3	2	50
A	5908	2	188	16	98	0.1	52	16	423	4.64	4	5	ND	ND	20	1	2	2	15	0.38	0.03	14	42	1.34	35	0.01	5	1.91	0.01	0.02	1	1	5
A	5909	1	84	17	146	0.1	50	15	426	4.14	2	5	ND	ND	17	1	2	2	14	0.32	0.03	17	39	1.24	31	0.01	5	1.87	0.01	0.02	1	1	5
A	5910	4	85	7379	12521	3.2	52	26	906	5.63	3	5	ND	ND	40	51	16	2	15	0.82	0.04	17	45	1.50	26	0.01	10	1.98	0.01	0.03	1	1	10
A	5911	2	62	82	269	0.1	63	19	372	4.94	3	5	ND	ND	15	1	3	2	16	0.18	0.04	23	45	1.53	40	0.01	15	2.63	0.01	0.03	1	1	10
A	5912	2	72	49	113	0.1	52	15	511	4.26	4	5	ND	ND	48	1	2	2	11	0.76	0.03	4	37	0.94	33	0.01	10	1.16	0.01	0.01	4	1	5
A	5913	3	50	6	110	0.1	50	19	281	3.84	3	5	ND	ND	18	1	4	2	13	0.21	0.03	6	41	1.19	37	0.01	10	1.77	0.01	0.02	6	1	5
A	5914	3	50	19	93	0.1	51	19	350	3.25	4	5	ND	ND	30	1	3	2	10	0.41	0.03	5	33	1.00	28	0.01	5	1.28	0.01	0.02	3	1	5
A	5915	3	25	9	130	0.1	37	13	591	3.28	7	5	ND	ND	52	1	2	2	20	0.69	0.03	6	39	1.10	46	0.01	5	1.41	0.01	0.02	3	1	5
A	5916	1	15	12	30	0.1	15	8	1145	1.90	10	5	ND	ND	71	1	3	6	5	1.73	0.03	10	30	0.66	24	0.01	5	0.24	0.01	0.01	3	1	5
A	5917	2	20	16	148	0.2	32	12	585	2.63	6	5	ND	ND	99	1	3	2	32	1.06	0.03	9	45	0.77	63	0.04	20	0.61	0.01	0.01	4	1	5
A	5918	2	33	10	147	0.1	55	19	502	3.42	6	5	ND	ND	80	1	4	2	52	0.50	0.03	9	53	1.27	97	0.10	10	1.23	0.01	0.01	3	1	5
A	5919	3	74	500	939	0.8	31	17	1170	4.79	2	5	ND	ND	185	7	2	2	62	3.95	0.14	15	44	1.80	55	0.06	5	0.77	0.01	0.01	1	1	5
A	5920	1	41	70	259	0.3	23	16	1782	5.79	2	5	ND	ND	258	1	2	2	135	3.84	0.12	9	64	2.49	52	0.02	15	2.87	0.01	0.02	1	2	5
A	5921	1	21	9	100	0.2	32	22	1383	5.67	2	5	ND	ND	236	1	2	2	128	3.12	0.12	5	57	2.44	117	0.09	10	1.55	0.02	0.01	1	2	5
A	5922	1	18	1	157	0.1	16	14	1201	5.40	3	5	ND	ND	161	1	2	2	119	2.65	0.13	4	55	2.41	201	0.17	10	1.85	0.01	0.01	2	2	5
A	5923	10	35	17	41	0.4	81	22	2334	5.43	9	5	ND	ND	93	1	2	2	23	4.35	0.13	11	46	1.82	63	0.01	5	0.45	0.01	0.01	1	1	5
A	5924	1	78	1	66	0.1	153	30	1798	4.79	23	5	ND	ND	256	1	2	2	61	8.94	0.09	5	103	3.25	67	0.01	5	1.80	0.01	0.02	1	1	5
A	5925	5	109	36	82	0.4	41	16	363	3.60	63	5	ND	ND	90	1	3	4	11	0.84	0.04	13	34	0.91	35	0.01	5	1.27	0.01	0.01	6	1	5
A	5926	9	275	10	44	0.2	37	21	423	2.97	21	5	ND	ND	89	1	3	4	12	0.95	0.04	13	28	0.76	33	0.01	10	1.15	0.01	0.01	7	1	5
A	5927	4	250	18	32	0.3	37	17	471	3.47	23	5	ND	ND	131	1	4	2	10	1.37	0.03	10	31	0.65	36	0.01	10	1.21	0.01	0.01	6	1	5
A	5928	13	85	16	61	0.3	42	15	691	3.67	18	5	ND	ND	224	1	4	2	36	1.78	0.05	41	47	1.34	34	0.01	10	1.50	0.01	0.01	5	1	5
A	5929	29	1788	1	37	0.5	17	9	198	1.87	7	5	ND	ND	31	1	4	2	17	0.76	0.04	7	29	0.73	61	0.01	5	1.19	0.01	0.01	7	1	10
A	5930	14	1811	5	25	0.1	15	6	101	1.05	5	5	ND	ND	14	1	4	10	5	0.22	0.01	7	24	0.35	56	0.01	5	0.63	0.01	0.01	8	1	10
A	5931	10	1375	5	50	0.1	29	13	210	2.20	4	5	ND	ND	22	1	5	5	9	0.36	0.03	9	36	0.84	77	0.01	5	1.40	0.01	0.01	5	1	20

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CERTIFICATE OF ANALYSIS

TO : CME CONSULTING LTD.
#2405-555 WEST HASTINGS STREET
VANCOUVER, B.C.

PROJECT : 01A
TYPE OF ANALYSIS : ICP

CERTIFICATE # : 91018
INVOICE # : 20176
DATE ENTERED : 91-01-31
FILE NAME : CME91018.1
PAGE # : 2

PRE FIX	SAMPLE NAME	PPM MO	PPM CU	PPM PB	PPM ZN	PPM AG	PPM NI	PPM CO	PPM MN	% FE	PPM AS	PPM U	PPM AU	PPM HG	PPM SR	PPM CD	PPM SB	PPM BI	PPM V	% CA	% P	PPM LA	PPM CR	% MG	PPM BA	% TI	PPM B	% AL	% NA	% SI	PPM W	PPM BE	PPB Au AA
A	5932	8	674	5	32	0.1	6	7	241	1.66	6	5	ND	ND	40	1	5	7	12	1.02	0.02	5	30	0.63	48	0.01	5	1.05	0.01	0.01	4	1	10
A	5933	5	505	4	50	0.1	2	9	388	2.27	4	5	ND	ND	54	1	5	2	19	1.46	0.02	4	31	0.98	60	0.01	5	1.48	0.01	0.01	4	1	40
A	5934	53	2429	2	60	1.0	42	12	282	2.54	6	5	ND	ND	42	1	6	2	23	1.31	0.02	9	54	1.20	71	0.01	5	1.58	0.01	0.01	3	1	10
A	5935	115	4940	1	95	1.0	72	21	474	4.75	5	5	ND	ND	96	1	3	2	86	2.46	0.05	13	83	2.40	41	0.01	10	3.01	0.01	0.02	2	1	60
A	5936	4	94	6	65	0.1	3	13	523	2.00	4	5	ND	ND	38	1	3	2	9	2.53	0.04	9	27	1.31	62	0.01	10	0.92	0.01	0.01	1	1	10
A	5937	2	43	7	61	0.1	3	7	836	2.48	4	5	ND	ND	60	1	3	2	10	3.57	0.04	13	32	1.62	80	0.01	15	0.78	0.01	0.01	1	1	5
A	5938	2	58	7	19	0.2	5	9	440	1.66	6	5	ND	ND	123	1	5	3	8	2.89	0.02	6	35	0.49	49	0.01	5	0.56	0.01	0.01	3	1	5
A	5939	1	24	5	58	0.1	4	6	663	2.57	3	5	ND	ND	79	1	3	2	16	2.97	0.03	9	33	1.56	89	0.01	5	1.49	0.01	0.02	1	1	5
A	5940	1	12	6	62	0.2	7	12	601	2.38	5	5	ND	ND	48	1	4	2	18	2.51	0.04	6	35	1.45	104	0.01	10	1.50	0.01	0.02	2	1	5
A	5941	1	14	1	67	0.1	3	8	743	2.66	2	5	ND	ND	57	1	3	2	21	3.34	0.03	5	38	1.65	69	0.01	15	1.65	0.01	0.02	2	1	5
A	5942	1	30	5	73	0.1	4	5	754	2.91	2	5	ND	ND	84	1	2	2	24	3.79	0.03	7	40	1.74	58	0.01	10	1.81	0.01	0.02	1	1	5
A	5943	1	17	5	59	0.2	4	6	532	2.67	4	5	ND	ND	84	1	3	2	22	3.47	0.03	6	36	1.49	58	0.01	10	1.88	0.01	0.02	2	1	5
A	5944	1	14	1	54	0.1	4	9	550	2.86	3	5	ND	ND	86	1	3	2	22	3.78	0.03	7	39	1.75	47	0.01	15	1.94	0.01	0.02	1	1	5
A	5945	1	25	5	65	0.1	3	6	644	2.83	3	5	ND	ND	88	1	2	2	24	3.90	0.03	5	38	1.66	33	0.01	5	2.16	0.01	0.02	1	1	5
A	5946	1	27	16	85	0.1	4	7	682	2.60	4	5	ND	ND	174	1	2	2	16	3.63	0.04	7	36	1.44	62	0.01	5	1.68	0.01	0.02	3	1	5
A	5947	1	47	79	567	0.2	48	12	689	2.88	2	5	ND	ND	328	3	2	2	29	5.95	0.03	7	57	1.40	56	0.01	5	1.52	0.01	0.01	1	1	5
A	5948	1	846	9	72	0.3	23	8	405	5.25	4	5	ND	ND	116	1	2	2	13	2.04	0.02	9	49	1.06	52	0.01	5	1.31	0.01	0.01	4	1	5
A	5949	1	1269	1	109	0.1	146	39	634	8.48	2	5	ND	ND	74	1	3	2	40	0.95	0.03	8	126	3.13	22	0.01	5	2.91	0.01	0.02	3	1	10
A	5950	2	283	3	42	0.1	47	12	891	3.05	6	5	ND	ND	66	1	5	3	12	2.66	0.04	14	48	1.35	57	0.01	10	1.37	0.01	0.01	3	1	5
A	5951	4	307	1	74	0.1	117	23	506	5.06	3	5	ND	ND	10	1	4	2	25	0.25	0.05	28	89	2.77	56	0.01	15	2.92	0.01	0.01	5	1	5
A	5952	2	711	5	141	0.1	95	31	1024	6.07	12	5	ND	ND	90	1	3	2	69	2.09	0.09	11	117	3.08	28	0.05	15	3.41	0.01	0.02	2	2	5
A	5953	3	999	16	183	0.1	94	80	564	11.75	14	5	ND	ND	50	2	2	2	70	1.23	0.27	5	67	1.96	20	0.11	10	2.42	0.01	0.01	3	2	10
A	5954	3	884	11	101	0.2	58	24	561	7.86	7	5	ND	ND	138	1	4	2	49	1.81	0.40	8	40	1.68	53	0.12	10	2.10	0.01	0.01	5	1	5
A	5955	2	360	6	83	0.1	109	34	834	7.11	17	5	ND	ND	58	1	3	2	75	1.40	0.14	29	92	2.75	45	0.08	10	3.26	0.01	0.02	4	2	5
A	5956	2	586	13	133	0.2	207	40	671	5.66	10	5	ND	ND	94	1	3	2	29	1.85	0.04	27	71	1.76	65	0.03	5	1.98	0.01	0.01	5	1	5
A	5957	2	743	36	315	0.1	66	25	720	6.20	11	5	ND	ND	123	2	3	2	65	1.46	0.10	20	68	2.68	43	0.02	5	2.92	0.01	0.02	3	2	20
A	5958	1	881	12	1253	0.1	29	40	379	11.28	15	5	ND	ND	401	14	2	2	6	4.08	0.02	14	39	0.55	27	0.02	5	0.93	0.01	0.02	1	1	10
A	5959	2	820	10	167	0.1	24	5	311	8.17	5	5	ND	ND	88	2	3	2	20	1.09	0.04	19	38	0.90	23	0.04	5	1.25	0.01	0.01	6	1	20
A	5960	3	144	19	91	0.1	27	8	430	3.32	7	5	ND	ND	63	1	4	8	27	1.09	0.06	29	37	1.25	62	0.02	5	1.45	0.01	0.01	7	1	5
A	5961	2	651	36	87	0.1	32	22	397	8.93	6	5	ND	ND	83	1	2	3	25	1.14	0.04	16	57	1.05	33	0.03	5	1.29	0.01	0.01	7	1	5
A	5962	3	170	7	68	0.1	51	8	768	4.42	5	5	ND	ND	78	1	4	2	55	2.20	0.05	27	69	2.58	25	0.04	10	2.47	0.01	0.02	4	1	5
A	5963	2	61	7	63	0.1	39	17	472	3.90	6	5	ND	ND	55	1	4	9	29	0.95	0.10	23	33	1.18	30	0.02	10	1.68	0.01	0.01	6	1	5
A	5964	1	180	1	81	0.1	315	51	996	6.44	4	5	ND	ND	57	1	4	2	71	1.74	0.11	15	192	4.43	2	0.07	10	3.88	0.01	0.02	3	2	5
A	5965	4	228	6	59	0.1	46	15	441	4.73	6	5	ND	ND	43	1	3	5	26	1.00	0.10	27	36	1.43	27	0.07	15	1.51	0.01	0.01	6	1	5
A	5966	3	85	7	82	0.1	66	17	413	3.62	5	5	ND	ND	29	1	5	11	28	0.51	0.06	22	45	1.58	24	0.02	15	1.62	0.01	0.01	8	1	5
A	5967	2	62	9	173	0.1	78	13	739	3.75	5	5	ND	ND	95	1	4	5	39	1.68	0.07	13	64	1.81	27	0.01	10	1.98	0.01	0.01	5	1	5
A	5968	2	56	16	178	0.1	35	14	428	2.86	5	5	ND	ND	35	1	3	14	10	0.42	0.03	23	28	0.78	46	0.01	10	1.34	0.01	0.01	7	1	10
A	5969	2	46	11	146	0.1	24	12	951	3.86	5	5	ND	ND	77	1	7	10	43	1.45	0.07	20	35	1.31	31	0.01	5	1.90	0.01	0.02	7	1	5
A	5970	2	110	6	174	0.1	31	20	1022	4.74	6	5	ND	ND	68	1	5	7	34	1.16	0.07	24	41	1.45	32	0.01	5	1.93	0.01	0.02	6	1	5
A	5971	2	99	5	93	0.1	32	13	1117	4.29	6	5	ND	ND	78	1	5	2	45	2.14	0.06	16	46	1.85	25	0.01	10	2.26	0.01	0.02	4	1	5

CERTIFIED BY : J. Rossbach

ROSSBACHER LABORATORY LTD.

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CERTIFICATE OF ANALYSIS

TO : CME CONSULTING LTD.
#2405-555 WEST HASTINGS STREET
VANCOUVER, B.C.
PROJECT : 01A
TYPE OF ANALYSIS : ICP

CERTIFICATE # : 91018
INVOICE # : 20176
DATE ENTERED : 91-01-31
FILE NAME : CME91018.I
PAGE # : 3

PRE FIX	SAMPLE NAME	PPM MO	PPM CU	PPM PB	PPM ZN	PPM AG	PPM NI	PPM CO	PPM MN	% FE	PPM AS	PPM U	PPM AU	PPM HG	PPM SR	PPM CD	PPM SB	PPM BI	PPM V	% CA	% P	PPM LA	PPM CR	% MG	PPM BA	% TI	PPM B	% AL	% NA	% SI	PPM W	PPM BE	PPB Au AA
A	5972	2	158	5	130	0.1	19	17	1068	5.73	5	5	ND	ND	68	1	4	2	92	2.13	0.11	12	48	2.10	21	0.01	5	2.53	0.01	0.02	4	2	5
A	5973	1	261	32	1333	0.1	32	30	1324	6.43	3	5	ND	ND	101	7	6	2	87	2.40	0.10	10	67	2.34	15	0.01	5	2.71	0.01	0.02	3	2	5
A	5974	4	130	389	723	1.1	50	16	1161	4.78	7	5	ND	ND	91	4	5	10	34	1.52	0.07	9	47	1.79	37	0.01	10	2.25	0.01	0.02	4	1	5
A	5975	2	99	25	267	0.1	12	9	414	2.60	7	5	ND	ND	27	2	4	25	7	0.53	0.01	17	30	0.47	34	0.01	10	0.62	0.01	0.01	7	1	5
A	5976	1	134	95	6918	0.9	16	6	1941	3.76	2	5	ND	ND	554	29	3	2	5	12.01	0.03	21	27	0.54	27	0.01	15	0.57	0.01	0.01	1	1	30
A	5977	3	178	13	245	0.4	247	34	2453	6.47	2	5	ND	ND	323	1	2	2	21	8.19	0.08	12	92	3.89	25	0.01	10	1.15	0.01	0.01	1	1	5
A	5978	6	71	23	168	0.2	16	11	1263	4.15	7	5	ND	ND	121	1	4	12	44	2.97	0.07	15	36	1.44	70	0.04	5	1.67	0.01	0.02	5	1	5

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CERTIFICATE OF ANALYSIS

TO : CME CONSULTING LTD.
#2405-555 WEST HASTINGS STREET
VANCOUVER, B.C.
PROJECT : 01A
TYPE OF ANALYSIS : ICP

CERTIFICATE # : 91022
INVOICE # : 20176
DATE ENTERED : 91-02-01
FILE NAME : CME91022.I
PAGE # : 1

PRE FIX	SAMPLE NAME	PPM MO	PPM CU	PPM PB	PPM ZN	PPM AG	PPM NI	PPM CO	PPM MN	% FE	PPM AS	PPM U	PPM AU	PPM HG	PPM SR	PPM CD	PPM SB	PPM BI	PPM V	% CA	% P	PPM LA	PPM CR	% MG	PPM BA	% TI	PPM B	% AL	% NA	% SI	PPM W	PPM BE	PPB Au AA
A	5979	1	10	12	325	0.1	1	2	434	1.71	6	5	ND	ND	52	2	3	9	7	2.09	0.05	9	42	1.02	59	0.01	5	0.78	0.01	0.01	5	1	5
A	5980	1	9	8	72	0.1	1	2	585	2.08	2	5	ND	ND	71	1	3	2	11	2.84	0.05	12	50	1.36	74	0.01	5	1.13	0.01	0.01	1	1	5
A	5981	1	19	4	90	0.1	1	3	622	2.90	2	5	ND	ND	99	1	2	2	27	2.88	0.06	6	50	1.62	355	0.01	5	2.09	0.01	0.01	1	1	5
A	5982	1	15	6	62	0.1	2	1	524	2.70	2	5	ND	ND	102	1	2	2	22	3.35	0.06	6	41	1.47	103	0.01	5	1.99	0.01	0.01	1	1	5
A	5983	1	21	9	55	0.1	6	7	599	3.01	2	5	ND	ND	127	1	2	2	13	3.66	0.06	6	43	1.50	52	0.01	5	1.23	0.01	0.01	1	1	5
A	5984	1	54	5	96	0.1	52	13	1073	4.57	2	5	ND	ND	207	1	2	2	31	4.93	0.09	6	83	2.50	58	0.01	5	1.88	0.01	0.01	1	1	5
A	5985	4	51	10	131	0.1	89	18	1276	4.63	2	5	ND	ND	310	1	2	2	18	8.96	0.24	6	72	3.81	61	0.01	5	0.82	0.01	0.01	1	1	5
A	5986	12	84	51	1059	0.3	86	27	1084	4.60	3	5	ND	ND	199	5	4	2	53	3.21	0.10	13	77	1.97	76	0.01	10	2.06	0.01	0.01	1	1	5
A	5987	1	72	138	249	0.5	27	5	1737	2.33	2	5	ND	ND	256	1	2	2	5	7.40	0.06	8	33	1.76	42	0.01	15	0.58	0.01	0.01	1	1	5
A	5988	2	263	27	137	0.4	61	16	520	5.96	2	5	ND	ND	76	1	3	2	23	2.13	0.08	7	56	1.69	30	0.01	10	1.46	0.01	0.01	1	1	5
A	5989	1	1107	72	215	0.9	33	26	784	9.98	2	5	ND	ND	94	2	2	2	10	2.63	0.06	7	76	1.97	21	0.01	15	1.48	0.01	0.01	1	1	5
A	5990	2	313	54	1147	0.5	44	6	547	5.33	2	5	ND	ND	60	8	2	2	22	1.30	0.05	11	75	2.03	67	0.01	10	1.97	0.01	0.01	1	1	5
A	5991	1	314	11	81	0.4	13	6	554	2.48	2	5	ND	ND	105	1	2	3	2	2.57	0.04	15	24	0.56	47	0.01	5	0.65	0.01	0.01	1	1	5
A	5992	1	97	105	77	0.7	11	5	678	2.28	2	5	ND	ND	242	1	2	2	6	6.04	0.07	12	28	0.93	87	0.01	5	0.97	0.01	0.01	1	1	5
A	5993	2	3033	98	90	2.0	50	76	445	16.47	2	5	ND	ND	118	1	2	2	12	2.03	0.04	10	77	1.27	26	0.06	10	1.56	0.01	0.01	1	1	5
A	5994	2	4311	15	105	1.4	52	95	218	16.87	2	5	ND	ND	12	1	4	2	13	0.25	0.03	9	65	1.27	26	0.07	15	1.56	0.01	0.01	2	1	5
A	5995	2	1935	4	88	0.6	91	58	664	8.36	4	5	ND	ND	42	1	2	2	29	1.65	0.05	9	83	2.06	78	0.01	15	1.97	0.01	0.01	1	1	5
A	5996	2	4094	22	204	1.4	102	373	785	20.30	20	5	ND	ND	37	2	6	2	24	1.75	0.04	6	88	1.97	9	0.01	10	1.88	0.01	0.01	2	1	10
A	5997	1	1857	7	182	0.8	176	179	783	9.79	10	5	ND	ND	19	2	2	2	41	1.11	0.05	3	110	3.17	7	0.01	10	2.81	0.01	0.01	1	1	10
A	5998	3	9423	22	179	2.9	111	156	600	20.85	5	5	ND	ND	31	2	7	2	3	2.00	0.04	7	54	1.01	21	0.01	10	0.96	0.01	0.01	5	1	20
A	5999	4	466	5	58	0.2	64	19	337	4.71	2	5	ND	ND	8	1	2	2	9	0.35	0.07	10	42	1.43	44	0.01	5	1.44	0.01	0.01	4	1	5
A	6000	5	237	1	59	0.3	86	17	475	4.24	2	5	ND	ND	9	1	2	2	18	0.32	0.08	12	58	2.14	70	0.01	5	2.13	0.01	0.01	3	1	5
A	3601	2	723	2	107	0.6	98	30	748	7.11	5	5	ND	ND	58	1	2	2	56	1.74	0.16	7	91	2.25	122	0.05	5	2.41	0.01	0.01	1	1	5
A	3602	2	409	1	186	0.5	57	32	887	7.59	2	5	ND	ND	73	1	2	2	73	2.62	0.44	3	63	2.36	114	0.12	5	2.78	0.01	0.01	1	2	5
A	3603	4	377	2	105	0.4	56	20	722	6.41	3	5	ND	ND	74	1	2	2	49	1.51	0.24	17	50	1.69	131	0.11	5	2.18	0.01	0.01	2	1	5
A	3604	2	167	1	91	0.2	185	29	829	5.03	6	5	ND	ND	81	1	2	2	55	1.36	0.17	20	103	2.41	116	0.09	5	2.63	0.01	0.01	1	1	5
A	3605	3	322	7	113	0.2	49	22	766	7.19	10	5	ND	ND	78	1	2	2	55	1.70	0.18	15	64	2.09	39	0.09	5	2.12	0.01	0.01	2	1	5
A	3606	2	1241	54	105	0.9	41	35	564	15.09	2	5	ND	ND	80	1	3	2	74	1.47	0.16	13	87	2.38	58	0.14	15	2.47	0.01	0.01	1	2	5
A	3607	2	123	21	46	0.1	20	8	232	2.40	3	5	ND	ND	30	1	2	14	6	0.56	0.05	23	23	0.56	66	0.01	10	0.74	0.01	0.01	6	1	5
A	3608	2	42	7	26	0.1	11	4	315	1.26	4	5	ND	ND	31	1	2	15	3	0.88	0.02	14	26	0.41	39	0.01	5	0.56	0.01	0.01	6	1	5
A	3609	2	50	7	54	0.2	13	5	242	1.64	49	5	ND	ND	26	1	2	4	2	0.63	0.02	9	29	0.38	34	0.01	5	0.52	0.01	0.01	1	1	5
A	3610	7	35	10	124	0.1	30	10	606	2.84	2	5	ND	ND	39	1	2	2	8	0.90	0.07	27	38	0.80	41	0.01	5	1.26	0.01	0.01	1	1	5
A	3611	2	31	1	155	0.1	3	15	1480	5.94	2	5	ND	ND	88	1	2	2	82	2.19	0.20	9	50	2.15	15	0.01	5	3.16	0.01	0.01	1	2	5
A	3612	2	29	5	101	0.1	28	11	611	3.43	2	5	ND	ND	33	1	2	2	16	0.59	0.05	18	41	0.94	57	0.01	5	1.60	0.01	0.01	1	1	5
A	3613	2	64	2	150	0.1	31	10	886	3.80	2	5	ND	ND	48	1	2	2	11	0.92	0.06	18	40	1.19	44	0.01	5	1.63	0.01	0.01	1	1	5
A	3614	2	194	5	110	0.4	30	26	1257	6.55	2	5	ND	ND	89	1	2	2	54	2.48	0.15	9	54	1.89	22	0.01	5	2.15	0.01	0.01	1	1	5
A	3615	2	182	6	149	0.3	49	19	1109	5.30	2	5	ND	ND	61	1	2	2	33	1.73	0.10	12	52	1.78	26	0.01	5	2.00	0.01	0.01	1	1	5
A	3616	1	166	4	317	0.4	23	18	1838	6.08	4	5	ND	ND	200	1	2	2	81	4.69	0.14	5	52	2.06	22	0.01	5	2.26	0.01	0.01	1	2	5
A	3617	4	123	13	286	0.2	57	20	1429	4.31	2	5	ND	ND	85	2	2	2	19	2.60	0.07	8	53	1.81	29	0.01	5	1.51	0.01	0.01	1	1	5
A	3618	3	90	23	97	0.2	31	13	772	3.43	2	5	ND	ND	56	1	2	2	21	1.00	0.04	20	45	0.68	33	0.01	10	0.93	0.01	0.01	1	1	5

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#2405-555 WEST HASTINGS STREET
VANCOUVER, B.C.
PROJECT : 01A
TYPE OF ANALYSIS : ICP

CERTIFICATE # : 91022
INVOICE # : 20176
DATE ENTERED : 91-02-01
FILE NAME : CME91022.I
PAGE # : 2

PRE FIX	SAMPLE NAME	PPM MO	PPM CU	PPM PB	PPM ZN	PPM AG	PPM NI	PPM CO	PPM MN	% FE	PPM AS	PPM U	PPM AU	PPM HG	PPM SR	PPM CD	PPM SB	PPM BI	PPM V	% CA	% P	PPM LA	PPM CR	% MG	PPM BA	% TI	PPM B	% AL	% NA	% SI	PPM W	PPM BE	PPB Au AA
A	3619	5	179	11	97	0.1	38	15	514	3.77	2	5	ND	ND	25	1	2	2	11	1.11	0.07	10	40	1.15	44	0.01	5	1.56	0.01	0.01	1	1	5
A	3620	4	278	10	108	0.1	41	17	528	4.13	2	5	ND	ND	16	1	2	2	11	0.68	0.07	22	42	1.19	43	0.01	15	1.68	0.01	0.01	1	1	5
A	3621	4	646	901	1821	1.8	36	13	1683	4.54	2	5	ND	ND	54	9	2	2	9	3.06	0.07	41	41	1.01	90	0.01	10	1.38	0.01	0.01	1	1	20
A	3622	8	99	59	100	0.3	28	11	611	2.63	5	5	ND	ND	24	1	2	10	6	0.95	0.07	34	33	0.75	50	0.01	5	1.18	0.01	0.01	2	1	5
A	3623	2	82	17	55	0.1	30	10	377	3.15	4	5	ND	ND	25	1	2	6	7	0.99	0.07	33	36	0.80	52	0.01	5	1.21	0.01	0.01	3	1	5
A	3624	2	80	144	225	0.7	75	32	1227	6.04	13	5	ND	ND	82	1	2	2	73	3.19	0.15	10	74	1.96	26	0.02	5	2.23	0.01	0.01	1	2	40
A	3625	2	41	1028	2883	1.2	32	12	1082	2.29	4	5	ND	ND	37	14	5	10	4	1.12	0.07	11	24	0.37	58	0.01	5	0.45	0.01	0.01	2	1	30
A	3626	2	47	868	1647	6.3	29	17	543	2.55	7	5	ND	ND	27	9	2	23	3	0.44	0.06	10	26	0.21	68	0.01	5	0.35	0.01	0.01	2	1	10
A	3627	2	46	1082	4689	1.2	33	16	541	2.24	10	5	ND	ND	16	24	6	11	2	0.28	0.05	9	24	0.13	69	0.01	5	0.36	0.01	0.01	4	1	5
A	3628	2	25	61	1078	0.2	23	9	689	2.62	6	5	ND	ND	25	4	2	2	3	0.45	0.04	7	35	0.39	43	0.01	5	0.61	0.01	0.01	3	1	5
A	3629	2	39	81	241	1.2	39	23	612	4.84	60	5	ND	ND	23	1	3	3	5	0.39	0.06	6	42	0.54	51	0.01	5	0.92	0.01	0.01	5	1	5
A	3630	2	36	82	77	1.0	34	15	457	3.06	4	5	ND	ND	13	1	2	7	5	0.20	0.05	11	32	0.56	38	0.01	10	0.98	0.01	0.01	5	1	5
A	3631	2	46	29	69	0.5	24	10	765	2.76	16	5	ND	ND	15	1	3	5	4	0.29	0.04	9	35	0.42	40	0.01	15	0.74	0.01	0.01	4	1	5
A	3632	2	45	32	66	0.5	31	11	739	3.39	8	5	ND	ND	28	1	2	3	5	0.64	0.06	11	33	0.58	60	0.01	5	0.90	0.01	0.01	4	1	5
A	3633	2	43	19	103	0.3	31	11	556	3.17	2	5	ND	ND	27	1	2	2	6	0.42	0.05	13	39	0.69	46	0.01	5	1.15	0.01	0.01	4	1	20
A	3634	2	24	15	126	0.1	37	13	463	3.35	4	5	ND	ND	51	1	3	2	24	0.56	0.06	13	49	0.94	53	0.01	5	1.22	0.01	0.01	4	1	5
A	3635	2	28	14	83	0.2	49	15	566	3.90	9	5	ND	ND	41	1	2	2	16	0.69	0.06	7	45	1.02	48	0.01	5	1.25	0.01	0.01	3	1	5
A	3636	3	69	316	635	0.6	50	28	879	5.08	2	5	ND	ND	199	3	2	2	13	5.72	0.16	7	40	1.08	124	0.01	5	0.64	0.01	0.01	1	1	5
A	3637	6	77	19	74	0.2	57	31	759	5.81	22	5	ND	ND	122	1	3	2	20	3.88	0.16	11	42	1.35	135	0.01	5	0.98	0.01	0.01	2	1	5
A	3638	1	24	16	72	0.1	17	6	605	2.08	23	5	ND	ND	56	1	2	2	3	1.78	0.08	19	23	0.52	34	0.01	5	0.62	0.01	0.01	2	1	5
A	3639	2	75	55	87	0.3	36	11	414	5.22	186	5	ND	ND	36	1	2	2	4	0.95	0.04	4	46	0.68	33	0.01	5	0.78	0.01	0.01	3	1	5
A	3640	1	20	16	35	0.1	78	27	248	4.78	7	5	ND	ND	61	1	2	2	8	0.75	0.03	9	54	0.37	20	0.01	10	0.17	0.01	0.01	4	1	5
A	3641	1	29	12	53	0.1	17	6	461	2.22	8	5	ND	ND	90	1	2	2	22	1.19	0.03	10	37	0.66	27	0.01	5	0.28	0.01	0.01	3	1	5
A	3642	1	229	10	34	0.4	59	15	459	3.85	4	5	ND	ND	85	1	2	2	2	3.41	0.18	5	38	0.57	31	0.01	5	0.46	0.01	0.01	1	1	5
A	3643	2	53	8	60	0.1	26	15	636	3.67	38	5	ND	ND	105	1	2	2	75	3.32	0.09	5	52	1.42	38	0.03	5	1.49	0.01	0.01	1	1	5
A	3644	1	61	1	88	0.1	41	23	894	4.75	2	5	ND	ND	142	1	2	2	108	4.71	0.08	1	154	2.56	16	0.03	5	2.46	0.01	0.01	1	2	5
A	3645	2	53	47	56	0.4	67	15	887	2.96	22	5	ND	ND	234	1	2	2	12	6.78	0.19	7	38	1.51	30	0.01	5	0.51	0.01	0.01	1	1	5
A	3646	7	66	18	29	0.2	81	15	677	3.75	10	5	ND	ND	178	1	2	2	22	4.15	0.07	11	43	1.40	13	0.01	5	0.69	0.01	0.01	1	1	5
A	3647	2	58	18	40	0.1	81	20	540	3.72	27	5	ND	ND	126	1	4	2	52	3.41	0.15	5	60	1.71	36	0.02	5	0.93	0.01	0.01	2	1	5
A	3648	1	62	1	42	0.1	37	21	659	5.62	3	5	ND	ND	197	1	2	2	122	3.85	0.07	1	96	2.49	61	0.06	5	1.62	0.01	0.01	1	2	20
A	3649	16	85	33	53	0.5	65	24	614	5.64	10	5	ND	ND	178	1	2	2	38	5.26	0.60	7	75	2.69	34	0.01	5	1.11	0.01	0.01	1	1	5
A	3650	5	127	261	696	2.0	44	8	849	2.32	17	5	ND	ND	389	2	2	2	7	12.18	1.61	37	34	1.19	51	0.01	5	0.64	0.01	0.01	1	1	5
A	3651	5	47	15	75	0.2	35	10	615	2.52	6	5	ND	ND	206	1	2	2	14	3.59	0.24	15	35	1.36	96	0.01	5	0.69	0.01	0.01	1	1	5
A	3652	6	32	13	74	0.1	11	5	989	2.10	5	5	ND	ND	201	1	2	2	13	2.89	0.09	24	29	1.07	92	0.01	5	0.52	0.01	0.01	1	1	5

CERTIFIED BY : J. Rossbach

ROSSBACHER LABORATORY LTD.

2225 S. Springer Ave., Burnaby,
British Columbia, Can. V5B 3N1
Ph:(604)299-6910 Fax:299-6252

CERTIFICATE OF ANALYSIS

TO : CME CONSULTING LTD.
#2405-555 WEST HASTINGS STREET
VANCOUVER, B.C.

PROJECT : 01A
TYPE OF ANALYSIS : ICP

CERTIFICATE # : 91029
INVOICE # : 20176
DATE ENTERED : 91-02-08
FILE NAME : CME91027.I
PAGE # : 1

PRE FIX	SAMPLE NAME	PPM MO	PPM CU	PPM PB	PPM ZN	PPM AG	PPM NI	PPM CO	PPM MN	% FE	PPM AS	PPM U	PPM AU	PPM HG	PPM SR	PPM CD	PPM SB	PPM BI	PPM V	% CA	% P	PPM LA	PPM CR	% MG	PPM BA	% TI	PPM B	% AL	% NA	% SI	PPM W	PPM BE	PPB Au AA
A	3653	4	42	71	56	0.6	22	13	602	2.46	13	5	ND	ND	67	1	3	2	9	1.34	0.10	43	17	0.73	65	0.01	5	0.40	0.02	0.01	1	1	5
A	3654	4	28	14	26	0.1	7	10	1094	1.49	4	5	ND	ND	55	1	3	11	13	1.00	0.07	22	13	0.42	93	0.01	5	0.39	0.01	0.01	1	1	5
A	3655	8	37	13	45	0.2	6	10	1271	2.20	11	5	ND	ND	102	1	3	2	9	2.27	0.10	24	16	0.95	112	0.01	10	0.33	0.01	0.01	1	1	5
A	3656	36	62	75	78	1.1	13	15	1864	3.11	23	5	ND	ND	136	1	4	2	11	1.89	0.09	76	21	1.01	86	0.01	15	0.43	0.01	0.01	1	1	60
A	3657	10	65	162	500	0.8	12	13	1843	2.29	22	5	ND	ND	130	3	5	2	7	1.83	0.08	30	16	0.83	78	0.01	5	0.31	0.03	0.01	1	1	5
A	3658	18	30	109	90	0.6	11	13	1130	2.69	26	5	ND	ND	159	1	4	2	13	1.25	0.06	31	17	0.68	85	0.01	5	0.33	0.04	0.01	1	1	5
A	3659	60	35	245	277	1.6	14	14	951	2.71	24	5	ND	ND	149	2	5	10	29	0.91	0.08	396	21	0.98	102	0.01	5	0.64	0.05	0.02	1	2	5
A	3660	20	34	80	94	0.9	22	18	847	3.06	25	5	ND	ND	207	1	6	10	22	1.29	0.06	64	21	0.99	82	0.01	5	0.49	0.02	0.02	1	1	20
A	3661	7	25	259	343	1.2	9	16	1126	2.62	28	5	ND	ND	229	2	7	7	31	1.52	0.05	13	22	1.29	62	0.02	10	0.49	0.03	0.01	1	1	20
A	3662	31	143	165	123	1.8	18	17	734	3.76	38	5	ND	ND	141	1	7	11	33	0.69	0.04	18	24	0.90	79	0.02	15	0.59	0.02	0.01	1	2	220
A	3663	31	140	209	160	1.4	11	14	535	2.29	34	5	ND	ND	137	1	4	2	35	0.73	0.09	19	22	1.04	62	0.02	20	0.62	0.01	0.01	1	1	5
A	3664	2	93	14	72	0.4	3	12	674	2.79	9	5	ND	ND	96	1	3	2	43	2.88	0.08	7	24	1.32	34	0.01	10	1.79	0.01	0.02	1	1	5
A	3665	27	1935	9	61	0.9	31	12	609	2.42	9	5	ND	ND	70	1	5	2	24	2.64	0.07	8	34	1.02	91	0.01	5	1.46	0.01	0.03	1	1	10
A	3666	5	1459	12	104	0.5	28	15	653	3.15	10	5	ND	ND	96	1	4	2	28	3.50	0.09	7	37	1.76	56	0.01	5	1.69	0.01	0.02	1	1	20
A	3667	2	37	13	97	0.2	5	15	516	2.20	9	5	ND	ND	53	1	4	2	12	2.56	0.08	7	24	1.36	72	0.01	10	1.12	0.01	0.02	1	1	5
A	3668	2	15	16	90	0.1	3	10	526	2.00	10	5	ND	ND	64	1	7	2	10	3.15	0.09	9	21	1.52	86	0.01	5	0.86	0.01	0.01	1	1	5
A	3669	2	11	13	66	0.1	3	9	352	1.76	11	5	ND	ND	57	1	6	6	8	2.75	0.09	10	19	1.27	45	0.01	5	0.72	0.02	0.02	1	1	5
A	3670	2	11	16	61	0.1	4	14	351	1.56	11	5	ND	ND	51	1	5	2	8	2.21	0.08	7	17	1.07	46	0.01	5	0.68	0.04	0.02	1	1	5
A	3671	2	17	16	81	0.1	4	10	416	1.91	9	5	ND	ND	60	1	5	2	10	2.45	0.07	9	22	1.26	78	0.01	5	0.96	0.03	0.03	1	1	5
A	3672	4	31	13	268	0.2	5	12	549	1.96	9	5	ND	ND	64	1	3	2	11	2.38	0.08	16	23	1.35	89	0.01	10	1.04	0.02	0.03	1	1	5
A	3673	12	37	129	379	0.4	19	10	544	1.97	9	5	ND	ND	76	4	5	2	15	2.62	0.10	18	20	1.02	56	0.01	10	0.33	0.05	0.01	1	1	5
A	3674	15	2673	14	51	0.7	24	14	141	1.76	5	5	ND	ND	15	1	4	10	9	0.40	0.06	16	27	0.43	58	0.01	15	0.77	0.02	0.01	1	1	10
A	3675	22	1790	12	34	0.6	10	13	238	1.78	9	5	ND	ND	50	1	5	2	12	1.90	0.06	9	19	0.64	37	0.01	10	0.96	0.01	0.01	1	1	5
A	3676	10	2460	9	42	0.7	23	17	170	2.37	5	5	ND	ND	26	1	2	7	13	0.63	0.07	17	25	0.66	53	0.01	5	1.13	0.01	0.01	1	1	5
A	3677	18	1799	14	29	0.4	4	10	163	1.26	6	5	ND	ND	42	1	4	9	9	1.19	0.04	11	16	0.39	123	0.01	5	0.66	0.01	0.01	1	1	5
A	3678	11	1478	9	58	0.5	12	16	327	2.50	7	5	ND	ND	46	1	5	4	31	1.39	0.10	10	24	0.88	42	0.01	5	1.34	0.01	0.02	1	1	10
A	3679	2	83	10	42	0.2	3	11	413	1.91	8	5	ND	ND	55	1	4	2	19	1.52	0.05	6	17	0.84	34	0.01	10	1.18	0.02	0.02	1	1	5
A	3680	2	89	15	32	0.1	4	11	360	1.91	8	5	ND	ND	66	1	2	3	15	1.25	0.04	12	17	0.53	33	0.01	15	0.96	0.02	0.02	1	1	5
A	3681	2	118	12	40	0.1	4	11	541	2.29	8	5	ND	ND	79	1	4	6	23	1.75	0.06	11	16	0.79	50	0.01	5	1.23	0.02	0.02	1	1	5

CERTIFIED BY :

ROSSBACHER LABORATORY LTD.

2225 S. Springer Ave., Burnaby,
British Columbia, Can. V5B 3N1
Ph:(604)299-6910 Fax:299-6252

CERTIFICATE OF ANALYSIS

T : CME CONSULTING LTD.
#2405-555 WEST HASTINGS STREET
VANCOUVER, B.C.
PROJECT : 01 A COMPOSITES
TYPE OF ANALYSIS : ASSAY

CERTIFICATE # :
INVOICE # : 91030A
DATE ENTERED : 20184
FILE NAME : 91-02-12
PAGE # : CME91030.A
1

PRE F (	SAMPLE NAME	oz/t Ag	% Pb	% Cu	% Zn	DDH	From (m)	To (m)	Length (m)
A	COMPOSITE A-1			0.20		M90-1	44.03	67.67	23.64
	COMPOSITE A-2			0.32		M90-1	50.49	55.75	5.26
	COMPOSITE B-3			0.34		M90-2	48.29	59.57	11.28
A	COMPOSITE B-4			0.46		M90-2	53.00	59.57	6.57
A	COMPOSITE C-5			0.20		M90-2	122.10	126.40	4.30
	COMPOSITE A			0.19		M91-3	6.80	21.67	14.87
H	COMPOSITE B			0.24		M91-3	105.30	112.06	6.76
A	COMPOSITE C			0.42		M91-5	24.18	30.15	5.97
	COMPOSITE D			0.13		M91-5	69.80	79.22	9.42
	COMPOSITE E			0.13		M91-5	11.94	16.32	4.38
A	COMPOSITE F			0.15		M91-8	27.00	39.30	12.30
	COMPOSITE G			0.35		M91-8	30.95	35.26	4.31
	COMPOSITE H	0.05	0.07		0.22	M91-9	15.60	21.60	6.00
A	COMPOSITE I			0.23		M90-1	136.18	139.75	3.57
A	COMPOSITE J			0.17		M91-3	31.01	35.10	4.09

RECEIVED MAR 7 - 1991

CERTIFIED BY : D. Rossbach

APPENDIX IV

Drill Logs

CME CONSULTING LTD.

Project 01A
Mila

Length (m): 195.68
Dip : -45°
Azimuth : 020
Core size : NQ
Casing : 5.49 LIH

Grid : B
Latitude : 21+12W
Departure : St 8+70S
Collar elev.: 870 m
Remarks :

Drilled : Dec 15-19/90
Contractor : Burwash
Logged by : G. Evans
Date logged: Jan 7-8/91

Hole No. : **M90-1**
Hole survey type: Acid
Depth : 195.68 m
Dip : -51°

From - To metres	Lithology	Alteration	Mineralization/ Sulphides/Structure/ Core Condition	Sample No.	Interval m	Length m	Cu ppm	Pb ppm	Zn ppm	Other ppm
0-5.49	Overburden									
5.49-9.46	Mafic tuff with argillite beds 5.49-6.19: Mafic tuff silicified In general, finely laminated chlorite plus quartz carbonate 2-5 mm at 50° to core axis. Occasional 10-20 cm argillite beds and carbonate rich (limestone-wacke) beds. -also occasional felsic tuff, quartz-sericite laminated bed 20-40 cm -some tight isoclinal folds	50% silicification with quartz veins -chlorite plus quartz carbonate (mafics) -some well bedded biotite rich (brown) sections -5% late quartz veins	2% pyrrhotite veinlets -average 1-2% disseminated pyrite -trace pyrrhotite veinlets							
9.46-10.69	Argillite with mafic tuff -Highly contorted graphitic argillite with 1-10 cm chlorite rich mafic tuff beds -bedding at 40-60° to core axis	Chlorite alteration to mafics	4-5% disseminated pyrite cubes							
10.69-12.91	Felsic tuff Very finely laminated sericite schist with very little quartz, laminated at 45° to core axis.	Strong sericite alteration (light brown)								
	Felsic tuff - rare quartz porphyry	intense sericite alteration	5% pyrrhotite veinlets parallel to foliation	5501	11.11-11.41	0.30	41	10	12	
	Felsic tuff - rare quartz porphyry	" "	4% ... (as above)	5502	11.41-12.06	0.65	23	13	6	
	Felsic tuff	" "	4% pyrrhotite, disseminated and veinlets	5503	12.06-12.91	0.85	30	32	33	

CME CONSULTING LTD. **Mila Project 01A** Logged by: GE Date: Jan 7-8/91 Hole No. **M90-1**

From - To metres	Lithology	Alteration	Mineralization/ Sulphides/Structure/ Core Condition	Sample No.	Interval m	Length m	Cu ppm	Pb ppm	Zn ppm	Other ppm
12.91-16.50	Mafic tuff Finely laminated chlorite and quartz carbonate laminated with foliation at 55° to core axis. -minor grey carbonate rich wackes or limestone (10 cm beds)	Chlorite and quartz carbonate alteration	At 13.80 cross-cutting quartz veinlet has galena, pyrite (2-3%) -3-4% average disseminated pyrite							
16.50-20.50	Wacke or limestone with argillite. Well bedded light grey sediment with a carbonate rich matrix with round 1 mm quartz plus plagioclase grains, and argillite and felsic tuff interbeds. -bedding at 50° to core axis.	Felsic tuffs, pervasive sericite altered -rare late quartz veinlet	1% disseminated pyrite							
20.50-26.96	Mafic tuffs with minor felsic tuffs dominantly chlorite and quartz carbonate laminations (at 50°) with occasional 50 cm bed of quartz laminations and sericite.	Chlorite and quartz-carbonate	Average 2-3% disseminated pyrite, 1% pyrrhotite veinlets							
	Felsic tuff - moderate silicification.	Quartz and sericite	6-7% pyrrhotite veinlets parallel to foliation	5504	20.91-21.48	0.57	216	282	58	
	Mafic tuff - with some felsics.	Chlorite, sericite, quartz carbonate, quartz	1-2% pyrite veinlets parallel to foliation 2-3% pyrrhotite veinlets parallel to foliation	5505	21.48-22.86	1.40	139	350	1560	
	Felsic tuff - quartz sericite	Quartz-sericite	6% pyrrhotite veinlets, 2% pyrite blebs	5506	25.61-25.91	0.30	324	35	87	

CME CONSULTING LTD. **Mila Project 01A** Logged by: GE Date: Jan 7-8/91 Hole No. **M90-1**

From - To metres	Lithology	Alteration	Mineralization/ Sulphides/Structure/ Core Condition	Sample No.	Interval m	Length m	Cu ppm	Pb ppm	Zn ppm	Other ppm
	Mafic tuff - finely laminated	Chlorite plus quartz carbonate, minor biotite	2-3% disseminated pyrite cubes	5507	25.91-26.96	1.05	91		104	
26.96-45.13	Felsic tuffs and quartz porphyry tuffs A mixture of massive quartz-sericite laminated tuff and sericite rich quartz porphyry crystal tuffs or flows 50-70° to core axis.	Quartz plus sericite, -5% late quartz veins								
	Felsic tuff - siliceous	Sericite and quartz	3-4% coarse pyrite blebs	5508	26.96-27.56	0.60	106	21	58	
	Felsic tuff - Quartz porphyry present 5%	Very sericitic	1-2% pyrrhotite laminations	5509	28.40-29.40	1.00	69	23	70	
	Felsic tuff - Occasional quartz porphyry	Very sericitic	3% disseminated pyrite	5510	29.40-30.20	0.80	167	20	79	
	Felsic tuff - Laminated with 30% quartz	Sericitic with quartz laminations	8% fine-grained disseminated pyrite	5511	30.20-31.10	0.90	85	18	54	
	Felsic tuff - Sericite with 5% quartz porphyry (flow?)	Sericitic	5% fine-grained disseminated pyrite	5512	31.10-32.00	0.90	71	23	42	
	Felsic tuff - Laminated with 20% quartz porphyries (flow)	Sericitic	5% fine-grained disseminated pyrite	5513	32.00-33.00	1.00	41	22	41	
	Felsic tuff - Laminated quartz and sericite	Sericitic	5% fine-grained disseminated pyrite; 2-3% pyrrhotite veinlets	5514	33.00-33.60	0.60	80	16	57	

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From - To metres	Lithology	Alteration	Mineralization/ Sulphides/Structure/ Core Condition	Sample No.	Interval m	Length m	Cu ppm	Pb ppm	Zn ppm	Other ppm
	Felsic tuff - Finely laminated sericite	Sericitic	5% fine-grained disseminated pyrite	5515	33.60-34.40	0.80	60	63	71	
	Mafic tuff - Chlorite and quartz-carbonate laminations	Chlorite and biotite	5% pyrite veinlets, 1-2% pyrrhotite veinlets	5516	35.30-35.90	0.60	168	33	133	
	Felsic tuff - Quartz and sericite	Siliceous, 20% quartz veinlets	5% pyrite blebs, 1% pyrrhotite veinlets	5517	35.90-36.60	0.70	102	126	87	
	Felsic tuff - Quartz and sericite	Siliceous	3% disseminated pyrite, 1-2% pyrrhotite veinlets	5518	36.60-37.20	0.60	109	50	51	
	Felsic tuff - Sericite and quartz	Sericite	3-4% disseminated pyrite cubes	5519	38.0-39.10	1.10	77	26	89	
	Felsic tuff - Quartz and sericite	20% quartz vein	4% disseminated pyrite	5520	39.1-39.80	0.70	80	104	154	
	Felsic tuff - Rare quartz porphyries 5%	Sericite, 10% quartz veins	3-4% disseminated pyrite	5521	39.80-41.05	1.25	24	25	72	
	Felsic tuff - Sericite	Sericite	3% disseminated pyrite	5522	41.05-42.00	0.95	33	18	67	
	Mudstone and argillite - Bedding at 60% to core axis	5% quartz veinlets	5% very fine-grained disseminated pyrite	5523	42.00-42.40	0.40	38	33	120	
	Felsic tuff - Quartz and sericite	Siliceous	6% fine-grained disseminated pyrite, 1% pyrrhotite veinlets	5524	42.40-42.84	0.44	378	28	87	

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From - To metres	Lithology	Alteration	Mineralization/ Sulphides/Structure/ Core Condition	Sample No.	Interval m	Length m	Cu ppm	Pb ppm	Zn ppm	Other ppm
	Felsic tuff - Very sericitic	Finely laminated	5% pyrrhotite veinlets, 3% very fine-grained pyrite	5525	42.84-43.18	0.34	616	39	88	
	Felsic tuff - Very sericitic	Finely laminated	4% pyrrhotite veinlets, 3% very fine-grained pyrite	5526	43.18-44.03	0.85	393	20	48	
44.03-45.13	Felsic tuff with semimassive sulphides		30% fine-grained pyrrhotite veinlets, 5-6% coarse pyrite cubes	5527	44.03-45.13	1.10	1277	11	104	
45.13-48.64	Felsic tuff - Foliation at 40° to core axis	Finely laminated quartz and sericite	5% pyrrhotite veins, with 1% chalcopyrite blebs, 6-7% disseminated pyrite	5528	45.13-45.81	0.68	1954	14	104	
	Felsic tuff - Sericitic with moderate quartz laminations	Sericitic	5% pyrrhotite veinlets, 2-3% pyrrhotite disseminated cubes	5529	45.81-46.59	0.78	587	8	60	
	Felsic tuff - Sericitic	Sericitic	5% disseminated pyrite	5530	46.59-47.24	0.65	1428	9	61	
	Felsic tuff - Sericitic	10% quartz veins	6% disseminated pyrite	5531	47.24-47.59	0.35	1470	12	60	
	Felsic tuff - Sericitic with more quartz	10% biotite laminations	8% pyrite disseminations + veinlets	5532	47.59-48.64	1.05	915	12	70	
48.64-50.10	Mafic tuff - Chlorite and sericite matrix with 1 mm feldspars and 20% biotite grains	5% late quartz veins	3% pyrrhotite veins with 1% chalcopyrite veinlets related to quartz veins	5533	48.64-49.41	0.77	2035	21	79	

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From - To metres	Lithology	Alteration	Mineralization/ Sulphides/Structure/ Core Condition	Sample No.	Interval m	Length m	Cu ppm	Pb ppm	Zn ppm	Other ppm
	Mafic tuff - Chlorite-sericite with biotite	2% quartz veinlets	3% fine-grained disseminated pyrite, 1% pyrrhotite veinlets	5534	49.41-50.10	0.69	2025	9	76	10 Mo
50.10-59.22	Felsic tuff - Generally laminated quartz plus sericite with some quartz porphyry rich sericite bands at 50° to core axis	Quartz-sericite, 5% quartz veinlets								
	Felsic tuff	Sericite with biotite laminations	7% pyrite disseminations, trace disseminated chalcopyrite	5535	50.10-50.49	0.39	1241	11	60	22 Mo
	Felsic tuff - Quartz and sericitic laminations	Sericite and biotite laminations	4% disseminated pyrite	5536	50.49-51.44	0.95	3015	13	99	22 Mo
	Felsic tuff - Quartz and sericite (siliceous)	Sericite and biotite laminations	3% disseminated pyrite	5537	51.44-52.39	0.95	2002	9	74	12 Mo
	Felsic tuff - Quartz and sericite (siliceous), numerous isoclinal folds, minor quartz porphyry rich zones	Sericite with trace biotite	2% pyrite, trace chalcopyrite	5538	52.39-53.49	1.10	3549	17	54	10 Mo
	Felsic tuff - Silica	60% milky quartz veins	2% pyrite disseminations, 1% chalcopyrite veinlets in quartz veins	5539	53.49-54.04	0.55	2682	18	45	17 Mo
	Felsic tuff - Quartz porphyry rich	Sericite, 20% quartz veins	1-2% disseminated pyrite, trace chalcopyrite in quartz veins	5540	54.04-54.70	0.66	3274	18	51	24 Mo

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From - To metres	Lithology	Alteration	Mineralization/ Sulphides/Structure/ Core Condition	Sample No.	Interval m	Length m	Cu ppm	Pb ppm	Zn ppm	Other ppm (ppb)
	Felsic tuff - Sericite matrix with quartz porphyries	Sericite	2-3% blebs pyrite	5541	54.70-55.75	1.05	4214	13	78	12 Mo
				5929	55.75-56.75	1.00	1788	1	37	29 Mo
				5930	56.75-57.75	1.00	1811	5	25	14 Mo
	Felsic tuff - Quartz and sericite laminations ± quartz porphyries	Sericite and chlorite	2-3% pyrite blebs, trace chalcopyrite disseminations	5931	57.75-58.60	0.85	1375	5	50	10 Mo
				5542	58.60-59.22	0.62	1555	18	107	
59.22-74.03	Quartz porphyry felsic flow - Finely laminated light green sericite at 45° to core axis with 20-30% light blue quartz porphyries	Sericite with 5% late stage conformable milky quartz veins	Average 1-2% disseminated pyrite	5932	59.22-60.22	1.00	674	5	32	
				5933	60.22-61.20	0.98	505	4	50	(40 Au)
				3664	61.20-61.88	0.68	93	14	72	
				3665	61.88-63.22	1.34	1935	9	61	27 Mo
				5934	63.22-64.22	1.00	2429	2	60	53 Mo
	Felsic quartz porphyry flow sericite with 20% quartz porphyries	Sericitic	5% disseminated pyrite, 1% pyrrhotite veinlets	5543	64.22-64.92	0.70	2159	15	51	66 Mo
				5935	64.92-65.92	1.00	4940	1	95	115 Mo (60 Au)
	65.00-66.14: Becomes more chloritic with tuffaceous component	Chloritic	5% disseminated pyrite, trace chalcopyrite	3666	65.92-67.67	1.75	1459	12	104	
				3667	67.67-68.67	1.00	37	13	97	
				3668	68.67-69.67	1.00	15	18	90	
				3669	69.67-70.67	1.00	11	13	66	
	66.14-74.03: Finely laminated sericite matrix (2 mm) with very small quartz porphyries, flow banding or tuff?	Sericitic, 5% biotite grains	1% disseminated pyrite	3670	70.67-71.67	1.00	11	16	61	
				3671	71.67-72.67	1.00	17	16	81	
				3672	72.67-73.67	1.00	31	13	268	
				3673	73.67-74.67	1.00	37	129	379	
74.03-75.42	Argillite - Finely laminated with bedding at 50° to core axis, quite graphitic	Minor sericite	5% coarse pyrite blebs							
75.42-83.30	Mafic tuff - 1-2 mm laminations of chlorite plus quartz-carbonate at 45-50° to core axis with rare felsic tuff and argillite beds	Chlorite plus quartz-carbonate, 1-2% quartz veins	Trace disseminated pyrite							

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From - To metres	Lithology	Alteration	Mineralization/ Sulphides/Structure/ Core Condition	Sample No.	Interval m	Length m	Cu ppm	Pb ppm	Zn ppm	Other ppm
	Mafic tuff	40% late quartz veins with chlorite selvages	3% disseminated pyrite with trace galena in vein	5544	75.94-76.34	0.40	133	607	2000	
83.30-87.05	Argillite with minor mafic tuff - Finely laminated graphitic argillite with occasional beds of more mafic tuff. Bedding at 50° to core axis.	Chlorite alteration to mafics	Average 1-2% disseminated pyrite							
	Argillite and mafic tuff	Chlorite	2% disseminated pyrite, 2% pyrrhotite veinlets	5545	84.90-86.71	1.81	65	26	92	
87.05-89.70	Feldspar porphyritic mafic tuff? - Porphyry with 1-2 mm feldspars, and 1-2 mm chlorite (original hornblende?) in a light green quartz carbonate matrix	Chlorite, quartz-carbonate	Average 1-2% pyrrhotite blebs							
	Feldspar porphyritic mafic tuff	Chlorite, quartz-carbonate	2-3% pyrrhotite blebs	5546	87.20-87.62	0.42	67	19	92	
89.70-96.01	Felsic tuff - Quartz plus sericitic laminations at 50° to core axis, moderately siliceous	Quartz plus sericite with minor biotite, 5% quartz veins	1% disseminated pyrite							
	Felsic tuff	40% quartz vein with silicification	2% pyrrhotite blebs in quartz veins, 2% pyrite disseminated in quartz veins	5547	91.55-92.00	0.45	55	26	102	
	Felsic tuff	20% quartz veins	1% disseminated pyrite	5548	92.64-93.10	0.46	44	14	95	

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From - To metres	Lithology	Alteration	Mineralization/ Sulphides/Structure/ Core Condition	Sample No.	Interval m	Length m	Cu ppm	Pb ppm	Zn ppm	Other ppm
96.01-112.25	Felsic tuff, siltstone, argillite - Well laminated beds which alternate on 1-10 cm scale, felsic tuff is finely laminated quartz sericite schist; argillite-moderately graphitic; siltstone-light grey matrix with 1 mm quartz plus feldspar grains, bedding at 50° to core axis	Felsic altered to sericite, 2% late quartz veins, moderate quartz carbonate in siltstone	Trace disseminated pyrite							
	Mainly felsic tuff	Sericite, 10% quartz veins	2% pyrrhotite blebs in quartz veins	5549	99.19-99.82	0.63	29	23	92	
	Mainly felsic tuff	Sericite	2% pyrite fine-grained, disseminated	5550	99.82-100.67	0.85	21	30	72	
	Mainly felsic tuff	Sericite, 30% quartz veins	3% pyrrhotite blebs in quartz veins	5551	100.67-101.27	0.60	1	10	35	
	Felsic tuff - siltstone	Sericite	1% pyrite veinlets, 2% pyrrhotite veinlets	5552	104.74-105.29	0.55	76	50	252	
112.25-125.90	Argillite and siltstone - Gradual transition where cycle is the same as above except felsic tuff content only 5%. Bedding at 45-50° to core axis	Felsic tuff sericite altered, moderate quartz carbonate in siltstone	Average 1% disseminated pyrite cubes							
125.90-128.69	Felsic tuff with argillite - Finely laminated sericite with occasional argillite bed, bedding 55% to core axis	Quartz sericite schist	Average 2% disseminated pyrite, 1-2% pyrrhotite veinlets							

From - To metres	Lithology	Alteration	Mineralization/ Sulphides/Structure/ Core Condition	Sample No.	Interval m	Length m	Cu ppm	Pb ppm	Zn ppm	Other ppm (ppb)
	Felsic tuff - Quartz and sericite laminations	Sericite, 10% milky quartz veins	30% pyrrhotite veins in quartz veins, 1% chalcopyrite disseminated in quartz vein	5564	127.95-128.45	0.50	485	15	201	
128.69-132.30	Argillite and felsic tuff - Finely laminated argillite and sericitic felsic tuff at 50° to core axis	Sericite in felsic tuff, 7% late quartz veins + veinlets	1-2% pyrrhotite veinlets							
132.30-158.10	Felsic tuff with sulphides - Generally well laminated quartz + sericite at 60° to core axis with some isoclinal folding; some chlorite rich zones and minor argillite	Pervasive sericite plus quartz, 3-4% milky quartz veins								
	Felsic tuff - quartz sericite	Sericite moderately silicified	1% pyrrhotite veinlets	5553	133.21-134.28	1.07	6	4	57	
	Felsic tuff - quartz sericite	Quite silicified, 5% quartz veins	5% pyrrhotite veinlets	5554	134.28-135.51	1.23	268	7	96	(40 Au)
	Felsic tuff with argillite	Quartz sericite schist	15% pyrrhotite veinlets	5555	135.51-136.18	0.67	292	3	96	
	Argillite plus felsic tuff	Sericite, 5% quartz veins	15% pyrrhotite veinlets, 2-3% chalcopyrite disseminations	5556	136.18-136.86	0.68	3670	9	650	(40 Au)
	Argillite and felsic tuff	Sericite	15% pyrrhotite veinlets, trace-1% chalcopyrite	5557	136.86-137.41	0.55	1460	6	96	

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From - To metres	Lithology	Alteration	Mineralization/ Sulphides/Structure/ Core Condition	Sample No.	Interval m	Length m	Cu ppm	Pb ppm	Zn ppm	Other ppm
	Felsic tuff	Sericite with 30% quartz veins	6-7% disseminated plus veinlet pyrrhotite	5558	137.41-137.81	0.40	416	6	65	
	Felsic tuff	Very silicified, 15% quartz veins	30% pyrrhotite blebs + veinlets, 2-3% chalcopyrite	5559	137.81-138.70	0.89	770	8	49	
	Felsic tuff	Very silicified, 5% quartz veins	30% pyrrhotite veins with 2-3% chalcopyrite	5560	138.70-139.75	1.05	1880	7	104	
	Felsic tuff	Strong chlorite and biotite alteration	7% pyrrhotite veinlets, 1-2% pyrite disseminated	5561	139.75-140.77	1.02	262	5	74	
	Felsic tuff	Strong chlorite and biotite alteration	7% pyrrhotite veinlets, 1-2% pyrite disseminated	5562	140.77-141.65	0.88	213	1	368	
	Felsic tuff - Isoclinal folding	Strong chlorite and biotite alteration	1-2% pyrrhotite, 6% pyrite veinlets	5563	141.65-142.65	1.00	166	1	466	
	Felsic tuff	Strong chlorite and biotite alteration	5-6% pyrite veinlets, 2-3% pyrrhotite veinlets, trace chalcopyrite	5565	142.65-143.55	0.90	485	1	201	
	Felsic tuff	Chlorite and biotite rich	8% pyrite veinlets, 5% pyrrhotite	5566	143.55-144.40	0.85	388	1	150	

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From - To metres	Lithology	Alteration	Mineralization/ Sulphides/Structure/ Core Condition	Sample No.	Interval m	Length m	Cu ppm	Pb ppm	Zn ppm	Other ppm
	Felsic tuff	Strong chlorite plus biotite	10% pyrite disseminations, 7-8% pyrrhotite veinlets	5567	144.40-145.00	0.60	530	1	196	134 Co
	Felsic tuff - Quartz sericite schist	Very siliceous, 5% quartz	20% pyrrhotite veinlets, 6% pyrite blebs	5568	145.0-145.85	0.85	488	10	209	161 Co
	Felsic tuff - Quartz sericite schist	Very siliceous	20% pyrrhotite veins	5569	145.85-146.20	0.35	386	10	360	
	Felsic tuff - Quartz sericite schist	Very siliceous, 40% quartz veins	15% pyrrhotite veins plus blebs	5570	146.20-147.00	0.80	520	18	307	
	Felsic tuff - Quartz sericite schist	Sericite rich, 40% quartz veins	8% pyrrhotite veinlets	5571	147.00-147.67	0.67	183	3	227	
	Felsic tuff - Quartz sericite schist	Very siliceous, 15% quartz veins	6% pyrrhotite veinlets	5572	147.67-148.55	0.88	135	6	113	
	Felsic tuff - Quartz sericite schist	Chlorite increasing	8% pyrrhotite veinlets, trace chalcopyrite	5573	148.55-149.05	0.50	148	9	134	
	Felsic tuff	Very sericitic with 20% quartz veins	20% pyrrhotite veins, 1% chalcopyrite disseminations + blebs	5574	149.05-149.75	0.70	600	10	154	
	Felsic tuff - Sericite and chlorite laminations	Sericite and chlorite rich	4% pyrrhotite veinlets	5575	149.75-151.00	1.25	75	5	121	
	Felsic tuff - Quartz sericite schist	Moderately silicified	1% pyrrhotite veinlets	5576	151.00-152.33	1.33	21	12	84	

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From - To metres	Lithology	Alteration	Mineralization/ Sulphides/Structure/ Core Condition	Sample No.	Interval m	Length m	Cu ppm	Pb ppm	Zn ppm	Other ppm
	Felsic tuff - Quartz sericite schist	Sericite with minor biotite, 20% quartz vein	2% pyrrhotite veinlets	5577	152.33-153.50	1.17	33	6	169	
	Felsic tuff - Quartz sericite schist	Moderately silicified	10% pyrrhotite veinlets	5578	153.50-154.15	0.65	327	11	66	
	Felsic tuff - Quartz sericite schist	Moderately silicified	8% pyrrhotite veinlets	5579	154.15-155.05	0.90	151	4	148	
	Felsic tuff - Quartz sericite schist. Fault zone - broken	Sericitic alteration, trace green micas	8% pyrrhotite veinlets	5580	155.05-156.33	1.28	204	3	230	
	Felsic tuff - Quartz sericite schist	Very sericitic	12% pyrrhotite veinlets + blebs	5581	156.33-157.07	0.73	200	1	130	
	Felsic tuff - Quartz sericite schist, highly folded	20% folded quartz veins	8% pyrrhotite blebs	5582	157.07-157.42	0.35	269	7	159	
	Felsic tuff - Quartz sericite schist	Moderately silicified	8% pyrrhotite veinlets	5583	157.42-158.10	0.68	194	5	182	
158.10-159.40	Argillite, well laminated with minor felsics, with bedding at 55° to core axis, very graphitic	minor quartz-carbonate	3% pyrite blebs							
159.40-163.07	Mafic tuff - Well laminated chlorite and quartz-carbonate with fabric at 55° to core axis	Quartz-carbonate, 5% quartz veins								
	- some remnant feldspars (mafic tuff)	Quartz carbonate	2-3% pyrite veinlets	5584	159.40-160.00	0.60	41	3	84	
163.07-168.10	Argillite - Finely laminated, very graphitic, bedding at 60° to core axis	Weakly silicified	5% pyrite coarse cubes							

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From - To metres	Lithology	Alteration	Mineralization/ Sulphides/Structure/ Core Condition	Sample No.	Interval m	Length m	Cu ppm	Pb ppm	Zn ppm	Other ppm
168.10-188.09	Felsic tuff with sulphides - Lamination of quartz and sericite at 50° to core axis	Moderate silicification with sericite rich zones								
	Felsic tuff - Quartz sericite schist	30% quartz veins	7-8% pyrrhotite blebs	5585	168.10-168.50	0.40	89	10	176	
	168.50-168.80: Quartz sericite schist	Moderate silicification	1% sphalerite blebs							
	Felsic tuff - Quartz sericite schist	30% quartz veins	5% pyrrhotite veinlets, 1% sphalerite grains	5586	170.99-172.00	1.01	66	8	113	
	Felsic tuff - Quartz sericite schist	20% discordant quartz veins	10% pyrrhotite blebs in quartz veins	5587	172.00-172.65	0.65	18	2	100	
	---		---							
			No Sulphides							
	Felsic tuff - Quartz sericite schist	Discordant quartz veins with biotite in matrix plus muscovite selvages	1% pyrrhotite blebs	5588	172.65-173.15	0.50	280	4	92	150 Co
	Felsic tuff - Quartz sericite schist	20% discordant quartz veins with biotite	1% pyrrhotite in quartz veins	5589	173.15-173.75	0.60	2	2	55	
	Felsic tuff - Quartz sericite schist	5% quartz veins	1% pyrrhotite laminations	5590	173.75-174.40	0.65	28	1	92	
	174.40-175.05: Mafic tuff - Clorite with remnant feldspar porphyries, well laminated	Chlorite and quartz-carbonate	Trace pyrrhotite							

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From - To metres	Lithology	Alteration	Mineralization/ Sulphides/Structure/ Core Condition	Sample No.	Interval m	Length m	Cu ppm	Pb ppm	Zn ppm	Other ppm
	Felsic tuff - Siliceous	30% quartz veins with silicification	3% pyrrhotite blebs in quartz veins	5591	175.05-175.80	0.75	264	1	48	
	Felsic tuff - Quartz sericite schist	50% discordant quartz veins	2-3% pyrrhotite in quartz veins	5592	176.50-176.75	0.25	26	6	56	
	Felsic tuff - Quartz sericite schist	Very silicified, 20% discordant quartz veins	5% pyrrhotite, 5% arsenopyrite blebs in quartz veins	5593	178.33-178.63	0.30	75	4	74	
	Felsic tuff - Quartz sericite schist	Moderate silicification, 5% late quartz veins	2% pyrrhotite in quartz veins	5594	182.6-183.5	0.90	34	40	96	
188.09-195.68	Mafic tuff with argillite and limestone, finey laminated mafic tuff with 30% graphitic argillite, 10% limestone beds - bedding at 70° to core axis	Mafic tuff laminations, chlorite+ quartz-carbonate, 5% quartz veins conformable								
End of Hole										

CME CONSULTING LTD.

Project 01A
Mila

Length (m): 190.81
Dip : -65°
Azimuth : 020
Core size : NQ
Casing : 6.1 m LIH

Grid : B
Latitude : 21+12W
Departure : St 8+70S
Collar elev.: 870 m
Remarks :

Drilled : Dec 19-22/90
Contractor : Burwash
Logged by : G. Evans
Date logged: Jan 5-7/91

Hole No. : **M90-2**
Hole survey type: Acid
Depth : 190.81 m
Dip : -71°

From - To metres	Lithology	Alteration	Mineralization/ Sulphides/Structure/ Core Condition	Sample No.	Interval m	Length m	Cu ppm	Pb ppm	Zn ppm	Other ppm
0-6.1	Casing									
6.10-7.00	Mafic tuff - Chlorite schist - laminations of chlorite + quartz-carbonate (1 cm) - foliation at 70° to core axis - minor sericite bands (felsic)	-Pervasive chlorite and quartz-carbonate alteration -occasional late stage (1 cm) veinlet with carbonate selvages -minor brown biotite laminations	None							
7.00-9.30	Argillite with mafic tuff - Well laminated argillite with 0.5 cm laminations, 70% argillite, 15% quartz-carbonate, 15% mafic tuff - bedding parallel to foliation at 60-70° to core axis - rare sericitic lamination	-chloritic alteration of mafics -5% conformable 1 cm late stage quartz veins	1-2% pyrite blebs, 2% pyrrhotite veinlets near quartz veins							
9.30-14.42	Mafic tuffs with minor felsic tuffs- Well laminated fine-grained chloritic schists with foliation at 70° to core axis with 30% quartz-carbonate laminations	Pervasive chlorite and quartz-carbonate	Average 1-2% pyrrhotite							
	Mafic tuff	Chlorite + quartz-carbonate	2-3% pyrrhotite veinlets, parallel to foliation	5595	9.30-10.05	0.75	76	18	136	
	To 10.70: Chloritic schist	Chlorite + quartz-carbonate	2-3% pyrrhotite veinlets in chloritic schist	5596	10.05-10.47	0.42	62	14	89	

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From - To metres	Lithology	Alteration	Mineralization/ Sulphides/Structure/ Core Condition	Sample No.	Interval m	Length m	Cu ppm	Pb ppm	Zn ppm	Other ppm
	Quartz sericite schist - Very finely laminated felsics or sericite replacement?	Quartz sericite schist	3-4% fine pyrrhotite laminations parallel to foliation, 1% pyrite	5597	10.47-11.26	0.79	46	42	31	
	Finely laminated chloritic schist-Mafic tuff	Chlorite + quartz-carbonate, pervasive	1% pyrite cubes disseminated, 1-2% pyrrhotite as veinlets	5598	11.26-12.18	0.92	57	81	118	
	Mafic tuff - Finely laminated	Chlorite + quartz-carbonate	1-2% pyrrhotite as veinlets	5599	12.18-13.28	1.10	71	33	169	
	NB: Late stage quartz veins are isoclinally folded parallel to foliation									
14.42-16.70	Wackes and argillite with minor mafic tuffs - finely laminated graphitic argillite interbedded with grey wacke, with 1-3 mm quartz + feldspar grains in a carbonate matric (limestone?) - 10% chlorite rich mafic bands - foliation at 70° to core axis	Mafic tuff is chlorite altered	1% pyrrhotite as veinlets parallel to foliation							
16.70-23.20	Mafic tuff with minor felsic tuffs-Chloritic schists finely laminated with quartz-carbonate laminations; felsics very finely laminated	-mafics pervasive, chlorite and quartz-carbonate alteration -felsics, quartz sericite schists -2% .5-2 cm quartz veins	With exception of split sections, 1-2% pyrrhotite veinlets, trace-1% pyrite cubes							

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From - To metres	Lithology	Alteration	Mineralization/ Sulphides/Structure/ Core Condition	Sample No.	Interval m	Length m	Cu ppm	Pb ppm	Zn ppm	Other ppm
	50% Quartz sericite schist - 50% Chlorite schist		3-4% pyrrhotite veinlets parallel to foliation in quartz sericite schist	5600	16.70-17.30	0.60	62	68	68	
	Finely laminated quartz sericite schist		4% pyrrhotite veinlets	5601	17.37-17.87	0.50	158	76	39	
	Mafic tuff	30% chlorite, 30% brown biotite, 40% quartz-carbonate	4-5% pyrite as cubes	5602	17.87-18.62	0.75	81	43	126	
	Mafic tuff	Laminated chlorite +quartz-carbonate	2-3% pyrite disseminated cubes, 1-2% pyrrhotite veinlets	5603	21.47-22.00	0.53	95	194	158	
	Mafic tuff - Finely laminated	Both chlorite and biotite with 40% quartz-carbonate	Average 3% pyrrhotite as veinlets, 2-3% pyrite as disseminated cubes	5604	22.00-22.55	0.55	408	62	110	
23.20-41.53	Felsic tuffs with minor mafic tuffs - dominantly laminated quartz and sericite bands with occasional 20-30 cm mafic tuff band - foliation at 70° to core axis	Quartz sericite schist with little chlorite or quartz-carbonate except mafic beds -some quartz-carbonate remob	Average 2% pyrite disseminated cubes -trace pyrrhotite veinlets							
		Quartz sericite schist	10% pyrite as disseminations + veinlets	5605	23.25-23.58	0.33	144	39	95	

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From - To metres	Lithology	Alteration	Mineralization/ Sulphides/Structure/ Core Condition	Sample No.	Interval m	Length m	Cu ppm	Pb ppm	Zn ppm	Other ppm
	24.20-27.70: Rock has remnant feldspar and quartz phenocrysts to 5 mm - A crystal tuff or quartz feldspar porphyry flow becomes coarser downhole (graded?)	Sericite altered to a light green-brown colour	Average 2-3% pyrite disseminated							
	Quartz sericite schist	Light coloured sericite and late stage quartz veins	5-6% pyrite veinlets + disseminations	5606	24.60-25.20	0.60	101	45	145	
	27.70-32.6: Finely laminated felsic tuff, quartz sericite schist with foliation at 70° to core axis	Patches moderately silicified by quartz veins	Average 3% disseminated pyrite, trace pyrrhotite veinlets							
	32.60-39.02: Dominantly well laminated, quartz sericite schist with occasional mafic tuff bed	Felsics - quartz sericite schist Mafics - chlorite + quartz-carbonate	Average 3% disseminated pyrite							
	Quartz sericite schist		3% pyrite disseminations, 2% pyrrhotite as veinlets	5607	35.30-35.70	0.40	61	22	99	
	Quartz sericite schist	10% late quartz veins with sulphide on selvages	5% pyrrhotite as veinlets + disseminations (late)	5608	36.71-37.11	0.40	37	138	371	
	39.02-41.53: Matrix is picking up chlorite (suggests tops uphole) but 5 mm quartz phenocrysts present and no quartz-carbonate - Felsic crystal tuff or flow	Matrix strong chlorite presence -10% late stage quartz veins 2-3 cm	Average 3-4% coarse disseminated pyrite							

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From - To metres	Lithology	Alteration	Mineralization/ Sulphides/Structure/ Core Condition	Sample No.	Interval m	Length m	Cu ppm	Pb ppm	Zn ppm	Other ppm
41.53-46.40	Mafic tuff - well laminated chlorite rich mafic tuff 41.53-43.90: Fabric 60-80° to core axis with laminations of quartz-carbonate	Chlorite matrix with quartz-carbonate laminations -65% chlorite with 30% quartz-carbonate and 5% biotite grains	Average 3-4% disseminated pyrite cubes							
	43.90-44.15: Mafic tuff - 10 cm late stage milky quartz vein	Chlorite largely replaced by quartz-carbonate	4% disseminated pyrite, 1% pyrrhotite veinlets, trace chalcopyrite disseminations							
	44.15-45.75: Mafic tuff - Very fine-grained well laminated at 80-90° to core axis	-fine-grained chlorite matrix -weak interstitial quartz-carbonate	Average 3% disseminated pyrite							
	45.75-46.40: Mafic tuff with 50% late stage milky quartz veins	Chlorite massive on selvages	5-6% coarse pyrite cubes on vein selvages	5609	45.75-46.40	0.65	18	27	332	
46.40-52.18	Felsic tuff with sulphides - Finely laminated, very siliceous matrix, fabric at 70° to core axis	Pervasive sericite wisps								
	Felsic tuffs - Very siliceous	Occasional late quartz vein	3-4% disseminated pyrite, 1% pyrrhotite veinlets, trace sphalerite?, pale sphalerite or sericite bands	5610	46.40-47.12	0.72	65	15	146	

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From - To metres	Lithology	Alteration	Mineralization/ Sulphides/Structure/ Core Condition	Sample No.	Interval m	Length m	Cu ppm	Pb ppm	Zn ppm	Other ppm
	Felsic tuff - Increased chlorite rich bands, lapilli tuff with quartz phenocrysts and round siliceous lapilli	Increased chlorite bands with biotite	7% pyrite disseminations + veins, 1% pyrrhotite veinlets	5611	47.12-47.79	0.67	102	31	106	
	Felsic tuff - Very siliceous, laminated at 70° to core axis, isoclinally folded parallel to foliation, breccia with rounded fragments (mechanical?)	Rare late stage quartz veinlets	4% pyrite veinlets, 2% pyrrhotite veinlets, trace chalcopyrite disseminated	5612	47.79-48.29	0.50	188	29	212	
	Semimassive sulphides in a siliceous felsic tuff matrix, sulphides laminated at 70° to core axis	No late quartz veins	30% pyrrhotite as laminations, 1% disseminated fine-grained chalcopyrite intergrown in pyrrhotite, trace disseminated pyrite	5613	48.29-48.79	0.50	2857	13	72	
	Felsic tuff - Very siliceous	Sericite altered around quartz veinlet, minor chlorite veinlets + laminations	4% pyrite veinlets, trace-1% chalcopyrite disseminations, 2% pyrrhotite veinlets	5614	48.79-49.29	0.50	1204	19	83	
	Semimassive sulphides - Pyrrhotite finely laminated in a chlorite rich felsic tuff with blebs of pyrrhotite, chalcopyrite in quartz vein	20% late milky quartz veins, chlorite laminations = 30% with increased biotite content near chlorite bands	40% pyrrhotite as laminations and blebs, 5-6% pyrite as coarse cubes, 2% chalcopyrite as blebs	5615	49.29-49.74	0.45	6835	12	141	

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From - To metres	Lithology	Alteration	Mineralization/ Sulphides/Structure/ Core Condition	Sample No.	Interval m	Length m	Cu ppm	Pb ppm	Zn ppm	Other ppm (ppb)
	Felsic tuff - Very finely laminated with chlorite and biotite (sphalerite?)	Chlorite rich laminations and brown biotite (sphalerite)	5% pyrite as blebs and laminations, 10% biotite or sphalerite laminations	5616	49.74-50.76	1.02	1472	15	132	
	Felsic tuff - Finely laminated, has a porphyritic feldspar phenocryst rich section with no laminations	Chlorite and biotite (brown) rich laminations, 10% late stage quartz veins	5% pyrite laminations, 10% biotite or sphalerite laminations, 2-3% pyrrhotite laminations	5617	50.76-51.51	0.75	721	1	102	
	Felsic tuff - Very finely laminated, feldspar phenocrysts very flattened	Chlorite fills tiny tension gashes and chlorite rich laminations, 5% brown biotite (sphalerite?)	7% pyrite laminations + disseminations, 1% pyrite laminations trace chalcopyrite disseminations	5618	51.51-52.18	0.67	626	1	92	
52.18-54.84	Felsic tuff - Finely laminated felsic tuff with chlorite and sericite laminations, moderately siliceous	Pervasive weak chlorite alteration with sericite laminations, occasional late stage quartz vein	Average 7-8% finely disseminated pyrite, + occasional coarse cube, trace blebs chalcopyrite	5619	52.18-53.0	0.82	1183	1	76	
				5699	53.00-54.00	1.00	6856	1	109	(60 Au)
				5700	54.00-54.50	0.50	9166	1	132	(50 Au)
54.84-65.62	Quartz porphyry felsic flow - Well laminated (flow banding?), very siliceous with sericite laminations and occasional chlorite rich tuff bed (felsic tuff) - fabric at 70° to core axis - quartz phenocrysts flattened 2:1 but quite distinct	Sericite and siliceous lamination every 3-5 mm, rare late milky quartz vein	Average 3-5% pyrite laminated and disseminated, trace disseminated pyrrhotite	3674	54.50-55.00	0.50	2673	14	51	15 Mo
				3675	55.00-55.50	0.50	1790	12	34	22 Mo
				3676	55.50-56.40	0.90	2460	9	42	10 Mo
				3677	56.40-57.40	1.00	1799	14	29	18 Mo

From - To metres	Lithology	Alteration	Mineralization/ Sulphides/Structure/ Core Condition	Sample No.	Interval m	Length m	Cu ppm	Pb ppm	Zn ppm	Other ppm (ppb)
	Quartz porphyritic felsic flow - Well laminated sericite and quartz with 30% 3-4 mm quartz porphyries	As above	4% disseminated pyrite	5620	57.40-58.02	0.62	664	4	25	
	Quartz porphyritic felsic flow - as above	As above	4% disseminated pyrite	5621	58.02-58.77	0.75	1097	7	28	
	Felsic tuff plus quartz porphyritic flow - Chlorite rich tuff bands with quartz porphyritic flow, tuff chlorite rich	Tuff bands chlorite	5% pyrite laminations, 2-3% chalcopyrite veinlets	5622	58.77-59.57	0.80	11374	4	117	3.0 Ag, (50 Au)
	Quartz porphyritic flow - Badly broken becoming more tuffaceous and fine-grained	Finer laminations	3% disseminated pyrite	5623	59.57-60.03	0.46	716	14	60	
	Quartz porphyritic flow - Finely laminated	Sericite rich laminations	2-3% disseminated pyrite	5624	60.03-60.93	0.90	49	14	100	
	62.53-63.05: Late milky quartz vein with apple-green sericite with breccias 64.62-65.42: Quartz vein, as above	Light green sericite alteration on selvages	1% pyrite blebs							
65.62-66.22	Argillite highly contorted and silicified, bedding 60-70° to core axis 66.12-66.22: Strong fault contact parallel to foliation with sericite	Strongly silicified	Average 5% pyrite blebs							
66.22-71.48	Mafic tuff (chlorite, quartz-carbonate) - Finely laminated 2-3 mm with chlorite, sericite, quartz-carbonate at 80° to core axis	Chlorite, sericite and quartz-carbonate	Average 1-2% disseminated pyrite							

From - To metres	Lithology	Alteration	Mineralization/ Sulphides/Structure/ Core Condition	Sample No.	Interval m	Length m	Cu ppm	Pb ppm	Zn ppm	Other ppm
	Milky white late stage quartz vein with sericite rich quartz vein fragments, angular	Strong silicification	2-3% pyrite blebs, 1-2% pyrrhotite laminations	5625	68.80-69.27	0.47	80	19	100	
71.48-73.02	Argillite and mafic tuff - Same as mafic tuff but 30% argillite laminations - bedding at 60-70° to core axis - soft sediment deformation? (tops up hole)	Chlorite and quartz-carbonate alteration pervasive Rare milky quartz vein	1-2% pyrite blebs							
73.02-75.72	Feldspar porphyryitic mafic tuff with minor argillite - Finely laminated chlorite + quartz-carbonate with remnant feldspar phenocrysts 2:1 stretching - bedding at 70° to core axis, minor argillite (30% quartz veins) with silicification	Chlorite rich laminations with interstitial quartz-carbonate -rare sericite laminations -80.72 quartz vein with fuchsite strong silicification	Average trace disseminated pyrite 2% disseminated pyrite, 5% pyrrhotite veinlets (crosscut)							
75.72-79.03	Felsic tuff - Well laminated, strongly silicified with chlorite, sericite and quartz laminations at 80° to core axis; rare quartz phenocryst rich zone and occasional argillite laminations	Sericite and chlorite alteration, rare late milky quartz vein	Average 1-2% pyrite blebs							
79.03-82.63	Argillite and mudstone - Very finely laminated argillite + mudstone (1-2 mm) with quartz-carbonate; common folding or soft sediment deformation; bedding at 70° to core axis	Minor chlorite present	Averages 3-4% coarse pyrite cubes							

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From - To metres	Lithology	Alteration	Mineralization/ Sulphides/Structure/ Core Condition	Sample No.	Interval m	Length m	Cu ppm	Pb ppm	Zn ppm	Other ppm
	Large milky quartz vein with angular quartz vein fragments in breccia	Strong silicification	Average 3% medium-grained pyrite	5626	80.98-81.40	0.42	72	17	68	
82.63-101.64	Felsic tuff - Well laminated tuff with 4-10 mm laminations of sericite-chlorite-quartz (intermediate-felsic composition). Foliation + bedding at 60-75° to core axis, some tight isoclinal folds parallel to foliation to 88.2 m, 70° to core axis at 89 m to 50°	Bands alternate quartz-chlorite-sericite Occasional 5-10 cm milky quartz vein	Average 3% disseminated pyrite cubes Some crosscutting pyrite veinlets							
	Felsic tuff - As above		Average 7% pyrite as cubes, veinlets (crosscut), 1-2% pyrrhotite veinlets	5627	88.35-89.20	0.85	28	10	79	
	Felsic tuff - as above		5% pyrite as cubes and veinlets (crosscut)	5628	89.20-89.99	0.77	31	10	80	
	Felsic tuff - as above		4% pyrite as disseminated cubes	5629	89.99-90.72	0.73	15	7	91	
	Felsic tuff - as above		6% pyrite as disseminated cubes and blebs	5630	90.72-91.42	0.70	36	14	72	
	Felsic tuff - Well laminated, highly folded		2-3% disseminated pyrite	5631	91.42-91.97	0.55	34	22	75	
	Felsic tuff - as above		2-3% disseminated pyrite	5632	91.97-92.57	0.60	32	9	69	

From - To metres	Lithology	Alteration	Mineralization/ Sulphides/Structure/ Core Condition	Sample No.	Interval m	Length m	Cu ppm	Pb ppm	Zn ppm	Other ppm
		Minor biotite grains	2-3% disseminated + veinlet pyrite, trace pyrrhotite	5633	92.57-93.27	0.70	29	4	71	
	96.32-101.64: Occasional argillite laminations appearing									
101.64-116.44	Argillite, siltstone + quartzite - In general, argillite and siltstone laminations with some granular quartzite beds In general, bedding at 80° to core axis, several isoclinal folds	Occasional sericite laminations, rare late stage quartz veins (are folded)	Average 1-2% disseminated pyrite fine-grained							
	Argillite and siltstone	40% late stage milky quartz veins	5% disseminated pyrite, 1-2% laminated pyrrhotite	5634	107.24-107.81	0.57	46	23	44	
	Sericite content as laminations, increase from 109.20-116.44 m (20%)	Sericite lamination increase	Average 1-2% pyrite lamination, 1-2% pyrrhotite lamination							
	108.51-109.20: Large white quartz vein with sericite and argillite lamination									
116.44-143.49	Semimassive sulphides in felsic tuff - Finely laminated sericitic and siliceous bands, 2-10 mm (very silicified), lamination at 70° to core axis	Some pervasive silicification, sericite, pale grey-light green	Sulphides generally finely laminated parallel to fabric							

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From - To metres	Lithology	Alteration	Mineralization/ Sulphides/Structure/ Core Condition	Sample No.	Interval m	Length m	Cu ppm	Pb ppm	Zn ppm	Other ppm (ppb)
	Felsic tuff - Very siliceous		15% very fine-grained pyrite + fine-grained disseminated pyrrhotite	5635	117.45-118.30	0.85	243	13	1338	
	Felsic tuff - Very siliceous	20% conformable quartz vein (milky white)	15% very fine-grained, laminated and disseminated pyrrhotite	5636	118.30-118.86	0.56	147	7	68	(40 Au)
	Felsic tuff	90% milky white quartz veins conformable	20% pyrrhotite veinlets, remobilized with 1-2% chalcopyrite	5637	118.86-119.16	0.30	530	6	28	
	Felsic tuff - Very siliceous		30% pyrrhotite veinlets branch with 1-2% chalco-pyrite blebs	5638	119.16-119.85	0.69	1076	5	59	
	Felsic tuff - Very siliceous		15% finely lami-nated pyrrhotite veinlets parallel to foliation	5639	119.85-120.63	0.78	226	7	29	
	Felsic tuff - Very siliceous		15% blebs + finely laminated pyrrho-tite veinlets, trace-.5% disseminated chalcopyrite	5640	120.63-121.64	1.01	396	7	25	

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From - To metres	Lithology	Alteration	Mineralization/ Sulphides/Structure/ Core Condition	Sample No.	Interval m	Length m	Cu ppm	Pb ppm	Zn ppm	Other ppm
	Felsic tuff - Very siliceous	25% milky white quartz vein conformable	30% finely laminated pyrrhotite, trace chalcopyrite	5641	121.64-122.10	0.38	649	4	45	
	Felsic tuff - Very siliceous	Increase chlorite content 5+%	25-30% fine-grained laminated pyrrhotite, trace-.5% chalcopyrite	5642	122.10-122.60	0.50	1257	5	56	
	Felsic tuff - Very siliceous	As above	25% fine-grained laminated pyrrhotite with disseminated chalcopyrite .5-1.0%	5643	122.60-123.10	0.50	2287	3	70	
	Felsic tuff - Very siliceous	Weak chloritic overprint	30% pyrrhotite veinlets parallel to foliation with 1% chalcopyrite	5644	123.10-123.6	0.50	1419	5	67	
	Felsic tuff - Very siliceous	Weak chloritic overprint	35% pyrrhotite veinlets, 2% chalcopyrite as veinlets + blebs	5645	123.60-124.10	0.50	3102	2	95	
	Felsic tuff - Moderately siliceous, isoclinal folds	Very sericitic	20% pyrrhotite veinlets, fine-grained, 1% chalcopyrite veinlets + blebs	5646	124.10-124.60	0.50	2083	18	85	
	Felsic tuff - As above	50% quartz vein	20% pyrrhotite as blebs + veinlets, trace chalcopyrite	5647	124.6-124.9	0.30	988	11	89	

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From - To metres	Lithology	Alteration	Mineralization/ Sulphides/Structure/ Core Condition	Sample No.	Interval m	Length m	Cu ppm	Pb ppm	Zn ppm	Other ppm (ppb)
	Felsic tuff - Very siliceous, moderately sericitic, isoclinal folding		35% pyrrhotite as veinlets, 1% chalcopyrite as blebs	5648	124.9-125.4	0.50	2005	14	113	(70 Au)
	Felsic tuff - Very siliceous		25% pyrrhotite as veinlets, 1% chalcopyrite as blebs + veinlets	5649	125.4-125.9	0.50	1592	14	87	
	Felsic tuff - Very siliceous		30-35% pyrrhotite as veinlets, 1-2% chalcopyrite as blebs + veinlets	5650	125.9-126.4	0.50	2106	11	109	(40 Au)
	Felsic tuff - Very siliceous, sericitic	5% late quartz veinlets	10% pyrrhotite veinlets, trace chalcopyrite disseminations	5651	126.4-127.45	1.05	237	2	58	
	Felsic tuff - Siliceous and sericitic	5% late quartz veins	55% pyrrhotite veinlets, 1-2% chalcopyrite blebs + veinlets	5652	127.45-127.78	0.33	1443	2	74	
	Felsic tuff - More chlorite and finer laminations	Chlorite content increase	15% pyrrhotite veinlets	5653	127.78-128.33	0.55	281	1	85	
↑ Pyrrhotite	Felsic tuff - Siliceous		20% pyrrhotite veinlets, 3% pyrite blebs	5654	128.33-128.95	0.62	390	2	295	
Pyrite ↓	Felsic tuff - Finely laminated	Moderate chlorite with 10% biotite	15% pyrite as blebs + veinlets parallel to lamination	5655	128.95-129.85	0.90	201	9	416	

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From - To metres	Lithology	Alteration	Mineralization/ Sulphides/Structure/ Core Condition	Sample No.	Interval m	Length m	Cu ppm	Pb ppm	Zn ppm	Other ppm
	Felsic tuff - Finely laminated	Moderate chlorite with biotite	12% pyrite as blebs + veinlets, 3-4% pyrrhotite veinlets	5656	129.85-131.53	1.68	332	2	350	
	Felsic tuff - Finely laminated	Moderate chlorite with biotite	30% pyrite blebs, 10% pyrrhotite veinlets, fine-grained	5657	131.53-131.90	0.37	1445	18	170	
↑ Pyrite	Felsic tuff - Finely laminated	Moderate chlorite with biotite	10-12% pyrite blebs + veinlets, 3-4% pyrrhotite veinlets	5658	131.90-133.13	1.23	155	15	345	
Pyrrhotite ↓	Felsic tuff - Finely laminated	Moderate chlorite with 15% conformable quartz veins	25% pyrrhotite veins, 1% chalcopyrite disseminations	5659	133.13-133.60	0.47	1318	18	99	
	Felsic tuff - Finely laminated	Moderate chlorite with 25% late quartz veins	Average 20% pyrrhotite blebs + veinlets, 1% chalcopyrite, disseminated, 5% pyrite	5660	133.60-134.45	0.85	1213	19	89	
	Felsic tuff - Finely laminated	Moderate chlorite and biotite	10% pyrrhotite veinlets, 5% pyrite blebs + veinlets	5661	134.45-134.77	0.32	811	10	255	
	Felsic tuff- Very siliceous	40% milky quartz vein	30% pyrrhotite veins with quartz breccia, 3% chalcopyrite disseminations	5662	134.77-135.31	0.55	955	28	140	

CME CONSULTING LTD. **Mila Project 01A** Logged by: GE Date: Jan 5-7/91 Hole No. **M90-2**

From - To metres	Lithology	Alteration	Mineralization/ Sulphides/Structure/ Core Condition	Sample No.	Interval m	Length m	Cu ppm	Pb ppm	Zn ppm	Other ppm
	Felsic tuff - Finely laminated	Moderate chlorite	10% pyrrhotite veinlets	5663	135.31-136.14	0.87	84	18	635	
	Felsic tuff - More siliceous	Becoming more siliceous, with sericite	5% pyrrhotite veinlets	5664	136.14-137.75	1.61	62	16	115	
	Felsic tuff - Increasing silicification	Silicification overprints chlorite	7-8% pyrrhotite veinlets parallel to laminations	5665	137.75-138.99	1.24	31	12	63	
	Felsic tuff - Very siliceous	10% quartz veins	10% pyrrhotite, laminated	5666	138.99-139.65	0.66	155	15	258	
	Felsic tuff - Finely laminated	Moderate chlorite	20% pyrrhotite laminated	5667	139.65-140.35	0.70	313	13	294	
	Felsic tuff - Isoclinal folding	50% milky quartz veins with silicification	35% pyrrhotite as blebs + veinlets, 1% disseminated chalcopyrite	5668	140.35-140.65	0.30	667	19	122	
	Felsic tuff - Isoclinal folding	Moderate chlorite, some quartz vein or gel?	50% pyrrhotite veins + veinlets, trace chalcopyrite	5669	140.65-141.30	0.65	1163	31	99	
	Felsic tuff	50% milky quartz veins with strong silicification	10-12% blebs + veinlets pyrrhotite	5670	141.30-142.14	0.84	196	18	128	
	Felsic tuff - Finely laminated at 60° to core axis	Moderate silicification	15% pyrrhotite, fine-grained disseminations	5671	142.14-142.84	0.70	196	21	145	

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From - To metres	Lithology	Alteration	Mineralization/ Sulphides/Structure/ Core Condition	Sample No.	Interval m	Length m	Cu ppm	Pb ppm	Zn ppm	Other ppm
	Felsic tuff	80% milky quartz vein with sericite selvages	5% pyrrhotite blebs in quartz vein and veinlets parallel to lamination	5672	142.84-143.19	0.35	106	21	66	
	Felsic tuff - Strong isoclinal folding	40% quartz veinlets, folded, moderate chlorite, apple-green sericite	25% pyrrhotite veinlets and blebs	5673	143.19-143.49	0.30	254	20	273	222 Ni
143.49-146.11	Feldspar phenocryst rich mafic flow or tuff laminated at 70° to core crowded and matrix supported 2 mm plagioclase phenocrysts	Moderate chlorite matrix, no carbonate, 20% milky quartz veins, 5% biotite bands	5% pyrrhotite veinlets, 1% disseminated pyrite cubes							
146.11-148.78	Felsic tuff - Poorly laminated at 70° to core axis with silica and sericite, 2 cm lamination, occasional feldspar phenocrysts within matrix	Sericite + silicification, 10% milky quartz veins	3-4% pyrrhotite lamination parallel to fabric							
148.78-151.62	Felsic tuff with sulphides - Well laminated quartz and sericite, .5 cm laminations at 65° to core axis									
	Felsic tuff - Siliceous	10% quartz veins	15% pyrrhotite veinlets parallel to lamination	5674	148.78-149.63	0.85	430	18	76	800 Ni
	Quartz vein		3% pyrrhotite veinlets in tuff	5675	149.63-149.93	0.30	65	12	13	

CME CONSULTING LTD. **Mila Project 01A** Logged by: GE Date: Jan 5-7/91 Hole No. **M90-2**

From - To metres	Lithology	Alteration	Mineralization/ Sulphides/Structure/ Core Condition	Sample No.	Interval m	Length m	Cu ppm	Pb ppm	Zn ppm	Other ppm
	Felsic tuff - Siliceous	3% quartz veins	20% pyrrhotite veinlets parallel to lamination, 2% pyrite disseminated cubes	5676	149.93-150.98	1.05	416	16	65	
	Felsic tuff - Siliceous	10% quartz veins	7-8% pyrrhotite veinlets + disseminations	5677	150.98-151.62	0.64	166	9	59	
151.62-157.18	Mafic tuff with Argillite - Mafic tuff 65% consists of chlorite and quartz-carbonate laminations with common, 1-2 mm feldspar phenocrysts (10-30%) interbedded with argillite, bedding 75° to core axis	Mafics altered to chlorite + quartz carbonate 10% milky quartz veins + fragments	Average 7-8% pyrrhotite veinlets parallel to foliation Trace chalcopyrite disseminated 3% pyrite cubes disseminated							
	Feldspar phenocryst rich mafic tufd - Well laminated	Chlorite + quartz-carbonate 5% quartz veins	10% pyrrhotite lamination 2-3% pyrite disseminated	5678	155.45-156.55	1.10	371	20	121	
157.18-165.51	Argillite with mafic tuff - Finely laminated argillite with 15% mafic tuff component, bedding at 75° to core axis, mafic tuff still contains feldspar phenocrysts	Mafic tuff chlorite altered with biotite + quartz carbonate laminae, 2% late crosscutting quartz veinlets	7-8% disseminated pyrite cubes and blebs							

CME CONSULTING LTD. **Mila Project 01A** Logged by: GE Date: Jan 5-7/91 Hole No. **M90-2**

From - To metres	Lithology	Alteration	Mineralization/ Sulphides/Structure/ Core Condition	Sample No.	Interval m	Length m	Cu ppm	Pb ppm	Zn ppm	Other ppm
165.51-188.05	Felsic tuff with mafic tuff beds - In general, quartz and sericite laminations (1-2 cm) at 60-70° to core axis, some isoclinal folding parallel to foliation	5% biotite grains 167.45-167.65: Quartz-carbonate rich bed?	Average 1-2% pyrrhotite veinlets							
	168.26-168.66: Mafic tuff bed, feldspar phenocryst rich chlorite + quartz-carbonate lamination									
	Felsic tuff - Isoclinally folded with 50% milky quartz vein	Sericite alteration	Average 2% pyrite disseminated	5679	169.20-169.66	0.46	114	50	744	
	171.30-172.00: Mafic tuff - Laminated chlorite + quartz carbonate									
	Quartz vein			5680	176.63-177.18	0.55	27	6	18	
	182.80-183.23: Mafic tuff	Chloritic with interstitial quartz-carbonate	3-4% pyrrhotite lamination							
	Felsic tuff - Very siliceous	Quartz + sericite, 5% quartz vein	7-8% laminated veinlets	5681	183.65-183.95	0.30	69	33	114	
188.05-190.81 End of Hole	Mafic tuff with minor argillite - Laminated chlorite and quartz-carbonate, 10% argillite laminations, bedding at 65° to core axis	20% quartz veins, 5-20 cm conformable	Trace disseminated pyrite							

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Project 01A
Mila

Length (m): 367.59 m
Dip : -45°
Azimuth : 020°
Core size : NQ
Casing : 6.10 m

Grid : B
Latitude : 20+45W
Departure : 7+97S
Collar elev.: 888 m
Remarks :

Drilled : Jan 7-13/91
Contractor : Burwash
Logged by : G. Evans
Date logged: Jan 10-15/91

Hole No. : **M91-3**
Hole survey type: Acid
Depth : 227.38 m
365.45 m
Dip : -55°, -57.5°

From - To metres	Lithology	Alteration	Mineralization/ Sulphides/Structure/ Core Condition	Sample No.	Interval m	Length m	Cu ppm	Pb ppm	Zn ppm	Other ppm (ppb)
0-6.82	Overburden									
6.82-11.07	Mafic tuff - Finely laminated, chlorite rich at 50° to core axis	3% late cross-cutting quartz veinlets	Average 5% disseminated + veinlet pyrite	5686	6.80-8.00	1.20	1124	1	41	
				5687	8.00-8.90	0.90	1473	1	59	
				5688	8.90-9.90	1.00	2330	1	77	
				5689	9.90-11.07	1.17	3079	1	80	
	8.26-9.72: Weakly silicified	Weak silicification with minor sericite								
11.07-36.61	Felsic tuff and quartz porphyritic flows - Generally sericitic matrix with 5 mm quartz phenocrysts laminated at 50-55° to core axis, with occasional siliceous felsic tuffs	Quartz sericite schist with 2-3% late quartz veins	Generally 1-2% disseminated pyrite							
	Felsic tuff - Trans from mafic tuff	Silicified	Average 5-6% fine-grained, disseminated pyrite	5701	11.07-11.89	0.82	2815	3	73	
				5690	11.89-12.80	0.91	737	9	21	
				5691	12.80-13.60	0.80	884	2	35	
				5692	13.60-14.60	1.00	969	1	39	15 Mo
				5693	14.60-15.60	1.00	1032	3	30	
				5694	15.60-16.60	1.00	1205	1	56	14 Mo
				5695	16.60-17.17	0.57	3381	2	59	12 Mo
	Quartz vein	Quartz vein with silicification	3% chalcopyrite veinlets	5702	17.17-17.37	0.20	9492	4	149	2.8 Ag, (140 Au) 19 Mo

CME CONSULTING LTD. **Mila Project 01A** Logged by: GE Date: Jan 10-15/91 Hole No. **M91-3**

From - To metres	Lithology	Alteration	Mineralization/ Sulphides/Structure/ Core Condition	Sample No.	Interval m	Length m	Cu ppm	Pb ppm	Zn ppm	Other ppm
	Quartz porphyritic flow	20% quartz veins with silicification	2-3% pyrrhotite veinlets with trace-.5% chalcopyrite	5703	17.37-18.27	0.90	2193	6	51	12 Mo
				5696	18.27-19.27	1.00	1425	5	35	22 Mo
				5697	19.27-19.67	0.40	2061	8	52	
	19.43-20.37: Quartz and sericite felsic tuff lamination at 60° to core axis	Quartz and sericite	1-2% disseminated pyrite							
	20.37-31.01: Good quartz porphyritic flow with sericitic matrix with 5 mm quartz phenocrysts	Quartz sericite schist with 3% quartz veins	Trace-1% disseminated pyrite	3678	19.67-21.67	2.00	1478	9	58	
				3679	21.67-23.81	2.14	83	10	42	
				3680	29.41-31.01	1.60	89	15	32	
	Felsic tuff - Siliceous	25% milky quartz veins with silicification	1-2% pyrrhotite veinlets	5704	31.01-32.91	1.80	842	10	26	31 Mo
	Felsic tuff - Laminated at 50° to core axis	Chlorite + silicification, lamination	1-2% disseminated pyrrhotite, trace chalcopyrite	5705	32.91-34.40	1.49	2938	6	52	43 Mo
	34.59-36.61: Good quartz porphyritic flow, sericite matrix with 3-5 mm quartz phenocrysts, foliation at 55° to core axis			5698	34.40-35.10	0.70	902	5	36	
				3681	35.10-36.70	1.60	118	12	40	
36.61-50.00	Felsic tuff - Finely laminated sericitic felsic tuff with foliation at 50° to core axis	Strongly sericitic, 5-10% late milky quartz veins	Average 2-3% disseminated pyrite							
50.00-51.70	Mafic tuff - Finely laminated at 80° to core axis with chlorite bands and minor sericite	Chlorite-quartz-carbonate	Average 1% disseminated pyrite							

CME CONSULTING LTD. **Mila Project 01A** Logged by: GE Date: Jan 10-15/91 Hole No. **M91-3**

From - To metres	Lithology	Alteration	Mineralization/ Sulphides/Structure/ Core Condition	Sample No.	Interval m	Length m	Cu ppm	Pb ppm	Zn ppm	Other ppm
	Quartz vein	90% quartz veins with green sericite	3% pyrrhotite veinlets on vein selvages	5706	51.10-52.00	0.90	35	8	45	
51.70-74.32	Felsic tuff, siltstone with minor argillite - Well laminated fine-grained siliceous material with beds of siltstone and minor argillite, bedding at 70° to core axis	Minor chlorite + sericite 3% quartz veins	Trace-1% fine-grained pyrite							
74.32-98.60	Argillite and siltstone - 60% siltstone beds (light grey, granular ± carbonate rich matrix), beds 2-10 cm with argillite wisps -interbedded with 30% argillite laminated beds 1-2 cm -5%+ sericitic laminated felsic tuff bands, .5-2.0 cm wide -bedding at 50° to core axis -graded bedding suggests tops up hole	Minor sericite in felsic tuff laminations 2-3% 10-60 cm milky quartz veins	Generally trace disseminated pyrite, in argillite and felsic tuffs							
	Argillite rich with siltstone		2-3% pyrrhotite veinlets 1-2% disseminated pyrite	5707	95.33-95.80	0.47	56	15	73	
	Felsic tuff	Quartz sericite schist with 10% quartz vein	20% pyrrhotite in quartz vein and as veinlets parallel to lamination	5708	96.42-96.72	0.30	252	1297	5379	5.0 Ag
98.60-101.46	Mafic tuff with limestone - Well laminated 2-3 mm chlorite + quartz	Chlorite + quartz carbonate	Trace disseminated pyrite							

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From - To metres	Lithology	Alteration	Mineralization/ Sulphides/Structure/ Core Condition	Sample No.	Interval m	Length m	Cu ppm	Pb ppm	Zn ppm	Other ppm
	carbonate with occasional 20 cm grey gritty limestone bed -bedding at 50° to core axis									
101.46-127.00	Felsic tuff with sulphides - In general, laminated quartz + sericite beds 1-3 cm with bedding at 60° to core axis	Quartz sericite schist + quartz with 5% late quartz veins								
	Felsic tuff with argillite - Well laminated	Quartz sericite schist	2-3% pyrrhotite veinlets parallel to lamination in silicified zones	5709	101.46-102.96	1.50	124	8	44	
	Felsic tuff - Siliceous, at 80° to core axis	Quartz sericite schist, very silicified	8% pyrrhotite veins + veinlets	5710	102.96-103.52	0.56	482	15	43	
	Felsic tuff - Quartz sericite schist with 8% argillite laminations	Quartz sericite schist with 4% late milky quartz veins	1% pyrrhotite as veinlets + blebs in quartz vein	5711	103.52-105.30	1.78	82	7	52	
	Felsic tuff - Siliceous	Silicified quartz sericite schist with 10% quartz vein with muscovite	10% pyrrhotite veinlets 1% chalcopyrite in quartz vein	5712	105.30-105.98	0.68	1403	1	113	
Sulphide Zone ↓	Felsic tuff - Very siliceous with muscovite + quartz blebs	Silica and muscovite	50% pyrrhotite in matrix with 5-6% chalcopyrite	5713	105.98-106.23	0.25	9632	12	182	
	Felsic tuff with minor argillite - Very contorted	Quartz sericite schist	Average 10-12% pyrrhotite veinlets with trace	5714	106.23-107.28	1.05	3503	5	91	

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From - To metres	Lithology	Alteration	Mineralization/ Sulphides/Structure/ Core Condition	Sample No.	Interval m	Length m	Cu ppm	Pb ppm	Zn ppm	Other ppm
			chalcopyrite disseminated with pyrrhotite							
	Felsic tuff with minor argillite - Contorted	Quartz sericite schist	Average 10-12% pyrrhotite veinlets with trace-.5% chalcopyrite dissemination	5715	107.82-108.51	1.23	750	6	88	
Sulphide zone ↓	Felsic tuff - Very siliceous	Very silicified, with muscovite	50% pyrrhotite in quartz matrix with 1% chalcopyrite	5716	108.51-109.18	0.67	1848	7	71	
|	Felsic tuff- Very siliceous	Very silicified, with muscovite, 10% quartz veins	55% pyrrhotite in quartz matrix with 2-3% chalcopyrite dissemination	5717	109.18-109.58	0.40	5072	15	170	
|	Felsic tuff - Moderately siliceous	20% quartz vein with silicification in quartz sericite schist	15% pyrrhotite veinlets, trace-.5 chalcopyrite	5718	109.58-110.31	0.73	697	3	88	
|	Felsic tuff - Very siliceous	Very silicified with muscovite	40% pyrrhotite veins with 1+% chalcopyrite dissemination	5719	110.31-110.56	0.25	2276	13	110	
|	Felsic tuff - Quartz sericite schist	Quartz sericite schist with 5% quartz veins	15% pyrrhotite veinlets, trace-.5% chalcopyrite dissemination	5720	110.56-111.56	1.00	1113	9	55	
|	Felsic tuff - Quartz sericite schist	Quartz sericite schist with 15% quartz veins	20% pyrrhotite veinlets, trace-.5% chalcopyrite	5721	111.56-112.06	0.50	2953	7	63	
↓										

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From - To metres	Lithology	Alteration	Mineralization/ Sulphides/Structure/ Core Condition	Sample No.	Interval m	Length m	Cu ppm	Pb ppm	Zn ppm	Other ppm
	Felsic tuff	Quartz sericite schist, moderately silicified	5-6% pyrrhotite veinlets	5722	112.06-112.90	0.84	331	10	38	200 Ba
	Felsic tuff	Quartz sericite schist, very siliceous, some chlorite	20% pyrrhotite as veinlets	5723	112.90-113.50	0.60	759	5	69	
	Felsic tuff	Quartz sericite schist, moderate silicification	15% pyrrhotite veinlets, trace chalcopyrite	5724	113.50-114.20	0.70	695	4	109	
Pyrite ↓	Felsic tuff - Chlorite-biotite core zone, highly contorted and folded	Chlorite + biotite	10% pyrite veinlets + disseminations, 3-4% pyrrhotite veinlets	5725	114.20-114.80	0.60	376	1	104	
|	Felsic tuff - Well laminated chlorite + biotite + quartz at 60° to core axis	Chlorite + biotite with some silicification	Average 5-6% pyrite blebs + veinlets	5726	114.80-115.80	1.00	259	7	100	
↓	Felsic tuff - Well laminated chlorite + biotite, strongly contorted	Chlorite + biotite	6-7% pyrite disseminated + veinlets, 2% pyrrhotite veinlets	5727	115.80-116.40	0.60	452	10	89	
pyrrhotite, chalcopyrite ↓	Felsic pyroclastic flow with siliceous stretched and rounded fragments in a chlorite rich matrix	chlorite, sericite	10% pyrrhotite veinlets and disseminations, trace disseminated chalcopyrite	5728	116.40-117.00	0.60	586	8	91	
|	Felsic tuff - Moderate chlorite, well laminated	Chlorite, weak silicification	5-6% pyrrhotite veinlets	5729	117.00-117.95	0.95	332	4	141	

CME CONSULTING LTD. **Mila Project 01A** Logged by: GE Date: Jan 10-15/91 Hole No. **M91-3**

From - To metres	Lithology	Alteration	Mineralization/ Sulphides/Structure/ Core Condition	Sample No.	Interval m	Length m	Cu ppm	Pb ppm	Zn ppm	Other ppm
	Felsic tuff - Well laminated	Carbonate, chlorite, silicification	5-6% pyrrhotite veinlets, trace pyrite	5730	117.95-119.25	1.30	222	15	82	
↓	Felsic tuff - Quartz sericite schist	Sericite with moderate silicification	3-4% pyrrhotite veinlets, trace chalcopyrite	5731	119.25-120.15	0.90	204	6	84	
Pyrrhotite, Chalcopyrite	Felsic tuff - Quartz sericite schist	50+% late milky quartz vein, very sericitic	2-3% pyrrhotite veinlets + blebs	5732	120.15-121.27	1.17	108	4	124	
↓	Felsic tuff - Quartz sericite schist, with siliceous laminations	Quartz sericite schist	20% pyrrhotite veins + veinlets, trace disseminated chalcopyrite	5733	121.27-121.70	0.43	924	6	134	
	Felsic tuff - Quartz sericite schist finely laminated	Quartz sericite schist	5-6% pyrrhotite veinlets	5734	121.70-122.70	1.00	220	7	75	
	Felsic tuff - Quartz sericite schist, finely laminated	Quartz sericite schist	5-6% pyrrhotite veinlets	5735	122.70-123.70	1.00	178	7	45	
	Felsic tuff - Quartz sericite schist, finely laminated	Quartz sericite schist	5-6% pyrrhotite veinlets	5736	123.70-124.70	1.00	275	8	58	
	Felsic tuff - Quartz sericite schist, finely laminated	Quartz sericite schist, 2% quartz veins	4-5% pyrrhotite veinlets, laminated	5737	124.70-125.70	1.00	230	7	61	
	Felsic tuff - Quartz sericite schist, silicified	Quartz sericite schist, moderate silicification	3-4% pyrrhotite veinlets, trace pyrite	5738	125.70-127.00	1.30	109	9	63	
127.00-128.07	Mafic tuff - Finely laminated chlorite + quartz-carbonate with fabric at 70° to core axis	Chlorite + carbonate, 2% quartz veins	1% pyrrhotite as veinlets and in quartz veins							

CME CONSULTING LTD. **Mila Project 01A** Logged by: GE Date: Jan 10-15/91 Hole No. **M91-3**

From - To metres	Lithology	Alteration	Mineralization/ Sulphides/Structure/ Core Condition	Sample No.	Interval m	Length m	Cu ppm	Pb ppm	Zn ppm	Other ppm
128.07-131.39	Felsic tuff - Quartz rich and sericite beds 1-2 cm, bedding at 70° to core axis	Sericite + silicification, 3% milky quartz veins	Trace pyrrhotite veinlets							
131.39-138.99	Argillite with mafic and felsic tuff - Generally 60% laminated argillite with laminations of mafic and felsic tuffs at 50-60° to core axis	Chlorite plus quartz carbonate to mafics, sericite with felsics; 3% late quartz veins	Average 3-4% pyrite blebs							
	Felsic tuff	Quartz sericite schist	8% pyrrhotite veinlets	5739	137.57-137.87	0.30	380	131	300	
	138.30-138.99: Well laminated mafic tuff at 70° to core axis (very sharp contact)	Chlorite-quartz carbonate laminations								
138.99-155.20	Felsic tuff - Well laminated sericite and quartz laminations, 1-2 cm beds. Bedding at 60° to core axis	Quartz sericite schist with strong sericite, 5% late quartz veins, minor quartz-carbonate	Trace pyrrhotite veinlets							
	Felsic tuff	40% quartz veins, strong sericite alteration	2-3% pyrrhotite, 1% pyrite in quartz vein as blebs	5740	148.13-148.93	0.80	72	6	69	
	Felsic tuff	10% quartz veins, intense sericite alteration	Trace sphalerite blebs	5741	149.96-150.46	0.50	57	9	119	
	Felsic tuff	Sericite alteration	3% pyrrhotite + 2% pyrite laminations parallel to foliation	5742	152.21-152.71	0.50	148	1	149	

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From - To metres	Lithology	Alteration	Mineralization/ Sulphides/Structure/ Core Condition	Sample No.	Interval m	Length m	Cu ppm	Pb ppm	Zn ppm	Other ppm
155.20-171.20	Mafic tuff with argillite - Also contains minor limestone and felsic tuff beds, mafic tuff and argillite well laminated with quartz-carbonate laminations, bedding at 60-70° to core axis, occasional 10-40 cm limestone bed light grey and granular, occasional remnant feldspar phenocrysts in mafic tuff approximately 1 mm diameter	Mafic tuff, chlorite + quartz-carbonate, 2% late stage quartz veins, some zones of mafic tuff have disseminated biotite	Trace pyrrhotite veinlets + trace pyrite disseminated							
171.20-175.00	Argillite with some felsic tuff - 75% argillite with 10-50 cm quartz sericite schist felsic tuff beds, argillite laminations every 1-3 mm with siltstone - moderately graphitic, bedding at 70° to core axis	Quartz sericite schist alteration to mafic tuff	Average 3-4% pyrite blebs in argillite							
	Argillite - Moderately graphitic		4-5% pyrite blebs and veinlets	5743	173.03-174.03	1.00	75	34	95	
175.00-187.90	Quartz porphyritic felsic flow(s) with minor tuff and argillite - A well laminated sericite rich matrix with 2-4 mm blue quartz eyes 5-20% with minor tuff and argillite beds, bedding at 70° to core axis	Very strong quartz sericite schist	Average trace disseminated pyrite							
	Felsic tuff - Well laminated	Strong quartz sericite schist	1-2% pyrrhotite veinlets, occasional .5 cm brown (sphalerite?) knot	5744	180.16-180.76	0.60	58	51	315	

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From - To metres	Lithology	Alteration	Mineralization/ Sulphides/Structure/ Core Condition	Sample No.	Interval m	Length m	Cu ppm	Pb ppm	Zn ppm	Other ppm
	Felsic tuff - Well laminated	Very silicified (horizon?)	1-2% pyrite veinlets	5745	184.98-185.48	0.50	52	12	37	
	185.50-186.10: Graphitic horizon, moderately faulted + ground	Graphitic								
187.99-191.39	Argillite with felsic tuffs, finely laminated with bedding at 60° to core axis with 30% laminated quartz sericite schist, argillite weakly graphitic	Quartz sericite schist alteration to felsic tuffs, 2% late quartz veins	5% pyrite blebs in argillite							
	Argillite	Moderately silicified	5% pyrite blebs	5746	187.79-188.39	0.60	84	27	69	
191.39-210.54	Felsic tuff with rare quartz porphyritic felsic flow, well laminated at 70° to core axis, with rare 50 cm quartz porphyry flow or tuff	Moderate quartz sericite schist, with silicified zones	Trace pyrite							
	199.00-203.20: Brown biotite rich shell around mineralized zone, felsic tuff - silicified	Silicified zone with sericite (quartz vein related?)	5% pyrrhotite veinlets, 2% blebs of pyrite	5747	200.48-201.33	0.85	76	152	33	
210.54-212.04	Mafic tuff - Finely laminated chlorite and quartz carbonate at 75° to core axis;	Chlorite + quartz carbonate, 3% quartz veins	1% pyrite veinlets							
	Mafic tuff - Finely laminated	10% quartz vein, chlorite and quartz carbonate	3% laminated pyrrhotite, trace chalcopyrite veinlets in quartz vein, trace sphalerite?	5748	210.54-211.11	0.57	350	264	1014	

CME CONSULTING LTD. **Mila Project 01A** Logged by: GE Date: Jan 10-15/91 Hole No. **M91-3**

From - To metres	Lithology	Alteration	Mineralization/ Sulphides/Structure/ Core Condition	Sample No.	Interval m	Length m	Cu ppm	Pb ppm	Zn ppm	Other ppm (ppb)
212.04-236.06	Felsic tuff - Finely laminated with 1 m scale beds of silica and quartz sericite schist rich tuffs, bedding at 60° to core axis, rare folding or slumping of units and folding in quartz veins	Moderate quartz sericite schist and silicified zones, 1% late quartz veins								
	Felsic tuff - Well laminated siliceous	Silicified	1% pyrite veinlets, trace-.8% brown sphalerite?	5749	217.60-217.80	0.20	86	1411	2540	(40 Au), 3 Ag
	Felsic tuff - Well laminated, light grey	Very silicified	2-3% laminated pyrrhotite veinlets, trace disseminated pyrite	5750	234.68-235.03	0.35	64	95	95	
	Felsic tuff - Well laminated	Moderately silicified, black, with sericite and muscovite?	6% very fine-grained pyrrhotite veinlets, 10% .5 mm brown sphalerite? blebs	5751	235.03-235.28	0.25	247	7	147	
236.06-241.92	Mafic tuff with chert, 60% well laminated chlorite-carbonate mafic tuff beds with very silicified, aphanitic chert beds with minor sericite laminations, bedding at 65° to core axis	Chlorite-carbonate to mafics, minor sericite in chert, 3% large quartz veins	Trace pyrite disseminations							
	Quartz vein in chert	Very silicified	5% pyrrhotite laminations	5752	238.82-239.38	0.56	120	8	99	
241.92-251.50	Chert with minor argillite - Generally light green-grey (sericite-argillite) aphanitic chert with 20% argillite beds finely	Minor sericite component, 2-3% late milky quartz veins crosscut	Trace disseminated pyrite							

From - To metres	Lithology	Alteration	Mineralization/ Sulphides/Structure/ Core Condition	Sample No.	Interval m	Length m	Cu ppm	Pb ppm	Zn ppm	Other ppm
	laminated, bedding at 70° to core axis									
251.50-257.02	Argillite with mafic tuff - Finely laminated argillite plus siltstone with chlorite rich beds, bedding at 60° to core axis	Strong chlorite alteration in mafics	Trace disseminated pyrite							
257.02-272.28	Felsic tuff with mafic tuff - Very siliceous felsic tuff with sericite and biotite laminations, bedding at 70° to core axis. Mafic tuff chlorite altered with occasional remnant feldspar phenocrysts	Sericite and biotite alteration in silicified matrix Mafics - chlorite and quartz carbonate altered	Trace disseminated pyrite							
	Felsic tuff - Siliceous	Silicified with 20% late quartz veins	3-4% pyrrhotite veinlets	5753	268.95-269.87	0.92	62	49	60	
272.28-282.88	Mafic tuff - Well laminated chlorite and quartz carbonate laminations every 2 mm, minor felsic tuffs, bedding at 70° to core axis, commonly remnant feldspar phenocrysts with good examples of tops up-hole with excellent graded bedding	Chlorite and carbonate alteration, 2% late quartz veins	Trace disseminated pyrite, occasional pyrrhotite veinlet							
282.88-304.23	Felsic tuff - Well laminated with very siliceous matrix and sericite laminations, bedding at 65° to core axis	Very silicified, "cherty" with sericite, 3% late stage quartz veins	Trace pyrrhotite laminations							

From - To metres	Lithology	Alteration	Mineralization/ Sulphides/Structure/ Core Condition	Sample No.	Interval m	Length m	Cu ppm	Pb ppm	Zn ppm	Other ppm
	Felsic tuff - Siliceous	Silica with sericite	2-3% pyrrhotite veinlets	5754	282.88-283.78	0.90	40	27	31	
	Felsic tuff with quartz vein	50% late milky quartz vein in silica and sericite	2% pyrrhotite veinlets and blebs, 1% pyrite disseminated in quartz vein	5755	284.53-285.43	0.90	86	10	38	
	290.39-292.00: Mafic rich zone with vague lapilli?, possible leucoxene overprint	Chlorite and leucoxene								
304.23-304.89	Quartz porphyry and biotite felsic flow- Coarse 5 mm quartz phenocryst and biotite grains in a silica-sericite matrix, weakly laminated	Quartz-sericite								
304.89-307.40	Felsic tuff - Well laminated sericite and quartz at 70° to core axis	Quartz sericite schist								
307.40-308.60	Mafic tuff - Chlorite and carbonate laminations every 2 mm at 70° to core axis	Chlorite and carbonate								
308.60-312.10	Felsic tuff - Well laminated at 70° to core axis, moderately siliceous with bands 1-2 cm	Quartz sericite schist with silicification, 5% late quartz veins	Trace disseminated pyrite							
312.10-319.42	Mafic tuff with argillite - 60% laminated mafic tuff with chlorite and carbonate laminations at 70° to core axis, with 40-100 cm well laminated argillite beds (moderately silicified), occasional biotite lamination in mafic tuff	Mafic tuff chlorite, carbonate and biotite, 2% late quartz veins	Average 1% fine-grained pyrite veinlets							

CME CONSULTING LTD. **Mila Project 01A** Logged by: GE Date: Jan 10-15/91 Hole No. **M91-3**

From - To metres	Lithology	Alteration	Mineralization/ Sulphides/Structure/ Core Condition	Sample No.	Interval m	Length m	Cu ppm	Pb ppm	Zn ppm	Other ppm
	Mafic tuff horizon	Very chloritic	4% pyrrhotite veinlets	5756	316.44-316.76	0.32	116	4	58	
319.42-326.72	Mafic tuff - Well laminated chlorite plus carbonate lamination at 80° to core axis, zones contain remnant feldspar phenocrysts	1% late quartz veins	Trace pyrite							
326.72-331.00	Argillite and siltstone - Well laminated argillite and carbonate rich siltstone with minor felsic tuff, bedding at 70° to core axis	Minor quartz sericite schist	1-2% pyrite disseminated and laminated							
331.00-339.00	Felsic tuff with argillite - Finely laminated sericite tuff with 20% argillite beds at 70° to core axis	Quartz sericite schist with 5% quartz veins	Trace pyrrhotite							
339.00-341.48	Silicified felsic tuff									
	Felsic tuff - Silicified	Brown sericite with 20% late quartz veins	3-4% pyrrhotite veinlets	5757	339.00-340.06	1.06	30	8	70	
	Quartz veins with felsic tuff	60% late milky quartz veins	3-4% pyrrhotite blebs in quartz veins	5758	340.06-341.07	1.01	10	8	17	
	Felsic tuff horizon?	Silicified plus muscovite rich alteration	20% fine-grained pyrrhotite veinlets	5759	341.07-341.48	0.41	114	8	55	
341.48-344.27	Graphitic argillite - Moderately faulted argillite with coarse graphitic flakes, highly contorted and finely laminated at 60° to core axis	5% late quartz veins	10% pyrite veinlets and cubes							

CME CONSULTING LTD. **Mila Project 01A** Logged by: GE Date: Jan 10-15/91 Hole No. **M91-3**

From - To metres	Lithology	Alteration	Mineralization/ Sulphides/Structure/ Core Condition	Sample No.	Interval m	Length m	Cu ppm	Pb ppm	Zn ppm	Other ppm (ppb)
	Graphitic argillite - Fault zone	5% quartz veins	10% fine-grained pyrite veinlets, 2% pyrrhotite veinlets	5760	341.48-342.09	0.61	92	38	86	
	Quartz vein	Milky quartz vein	30% coarse pyrite	5761	342.09-342.29	0.20	296	364	1969	3.2 Ag, 248 Ni, (40 Au)
	Graphitic argillite in a fault zone		8% fine-grained pyrite	5762	342.29-343.29	1.00	114	60	130	
	Argillite	5% quartz veins	5% disseminated pyrite	5763	343.29-344.27	0.98	74	93	103	
344.27-345.80	Chert with minor argillite - Aphanitic chert, light grey with 10% laminated argillite, bedding at 60° to core axis	30% late quartz veins crosscut	2% fine-grained pyrite veinlets							
345.80-348.90	Felsic tuff - Very siliceous, with laminated sericite at 60° to core axis	5% quartz veins	Trace pyrrhotite							
348.90-352.30	Argillite with minor chert - Well laminated argillite with moderate graphite, bedding at 60° to core axis, minor grey chert beds	2% late quartz veins	Average 5% pyrite blebs							
352.30-367.59 End of Hole	Felsic tuff with minor argillite, moderately silicified, well laminated with sericite, with bedding at 70° to core axis 360.00-360.40: Argillite rich fault 360.80: 10 cm Argillite rich fault	5% late quartz veins, sericite alteration								

CME CONSULTING LTD.

Project 01A
Mila

Length (m): 126.19 m
Dip : -65°
Azimuth : 020°
Core size : NQ
Casing : 20' LIH

Grid : B
Latitude : 20+95W
Departure : Stn 695S
Collar elev.: 900 m
Remarks :

Drilled : Jan 13-14/91
Contractor : Burwash
Logged by : G. Evans
Date logged: Jan 15-16/91

Hole No. : **M91-4**
Hole survey type: Acid
Depth : 126.19 m
m
Dip : -71°

From - To metres	Lithology	Alteration	Mineralization/ Sulphides/Structure/ Core Condition	Sample No.	Interval m	Length m	Cu ppb	Pb ppm	Zn ppm	Other ppm (ppb)
6.43-21.02	Felsic tuff - Finely laminated, moderately silicified, sericite rich unit with bedding 80° to core axis	Moderate quartz sericite schist, 1-2% quartz veins								
	Felsic tuff - Silicified with folding. NB: sulphides folded	Moderately silicified	6-7% pyrrhotite veinlets, 1% pyrite blebs, trace chalcopyrite with pyrrhotite disseminations	5764	6.43-7.40	0.97	196	25	175	
	Felsic tuff	Moderately silicified	6-7% fine-grained pyrrhotite veinlets, 1% pyrite veinlets	5765	7.40-7.90	0.50	980	12	114	
	Felsic tuff	3% late quartz veins, moderately silicified	7-8% fine-grained pyrrhotite veinlets, 2-3% fine-grained pyrite veinlets	5766	7.90-8.90	1.00	346	7	51	(90 Au)
	Felsic tuff	Moderately silicified	5-6% pyrite blebs, 1-2% pyrrhotite veinlets	5767	8.90-9.68	0.78	230	6	39	(50 Au)
	Felsic tuff	4% late quartz veins silicified	10-20 cm beds of pyrrhotite veinlets average 20% 3-4% pyrite blebs, trace chalcopyrite	5768	9.68-10.68	1.00	400	15	70	(60 Au)

CME CONSULTING LTD. **Mila Project 01A** Logged by: GE Date: Jan 15-16/91 Hole No. **M91-4**

From - To metres	Lithology	Alteration	Mineralization/ Sulphides/Structure/ Core Condition	Sample No.	Interval m	Length m	Cu ppm	Pb ppm	Zn ppm	Other ppm (ppb)
	Felsic tuff	Sericite increase, moderately silicified	4% disseminated pyrite, 1% pyrrhotite veinlets	5769	10.68-11.70	1.02	490	9	50	
	Felsic tuff	Increased moderate sericite, 2% late quartz veins	5-6% pyrite disseminations + occasional veinlet	5770	11.70-13.40	1.60	520	1	45	
	Felsic tuff - Sericitic	1% quartz veins, moderately sericitic	3-4% disseminated pyrite, 1% pyrrhotite veinlets, trace chalcopyrite	5771	13.40-14.90	1.50	890	5	47	
	14.90-21.02: Moderately sericitic with quartz laminations every 1 cm	1% late quartz veins	2-3% disseminated pyrite, trace pyrrhotite veinlets							
21.02-36.18	Quartz porphyry felsic flow with minor felsic tuff, 20-30% 5-7 mm white-blue quartz eyes in a well laminated sericitic matrix, occasional sericite rich felsic tuff, lamination at 80° to core axis	Moderate quartz sericite schist, 1% late quartz veins	Trace-2% disseminated pyrite							
36.18-54.45	Felsic tuff - Intensely sericite altered .5 mm laminated tuff with minor siliceous zones, in general foliation is 80-85° to core axis	Intense quartz sericite schist, 1% late stage quartz veins	Trace-2% disseminated pyrite							
	Felsic tuff	Intense quartz sericite schist	3% disseminated pyrite, trace chalcopyrite disseminations	5772	40.76-41.22	0.46	780	8	66	

CME CONSULTING LTD. **Mila Project 01A** Logged by: GE Date: Jan 15-16/91 Hole No. **M91-4**

From - To metres	Lithology	Alteration	Mineralization/ Sulphides/Structure/ Core Condition	Sample No.	Interval m	Length m	Cu ppm	Pb ppm	Zn ppm	Other ppm (ppb)
	Felsic tuff	Intense quartz sericite schist	6% disseminated pyrite	5773	44.81-45.35	0.54	24	10	45	
	Felsic tuff	Intense quartz sericite schist	2-3% pyrite cubes	5774	50.25-51.25	1.00	20	10	72	
	Felsic tuff - Aphanitic, light grey	Carbonate alteration pervasive, 20% quartz carbonate vein	3% chrysocolla?	5775	53.95-54.45	0.50	76	13	91	
54.45-59.84	Mafic tuff with limestone - Well laminated 5-10 mm chlorite rich + carbonate rich beds with minor argillite, bedding at 75-80° to core axis	Chlorite + carbonate, 2% quartz veins	Trace pyrite, minor chrysocolla? on quartz vein selvages							
59.84-74.42	Felsic tuff with minor argillite - Well laminated, moderately silicified felsic tuff with 5% laminations + beds of argillite, bedding at 80° to core axis	Weak sericite, 3% late quartz veins	In general, trace pyrrhotite veinlets, trace disseminated pyrite							
	Felsic tuff - Moderate silicification	Weak sericite, 40% milky quartz veins	4% pyrrhotite veinlets, 1% pyrite cubes in quartz vein	5776	66.77-67.27	0.50	88	9	26	
74.42-96.47	Limestone, argillite and siltstone - Finely laminated limestone (silt), 60% light grey carbonate with 30% beds of argillite + minor siltstone and felsic tuff, bedding at 75-80° to core axis, with occasional isoclinal folds	Minor sericite to felsic tuff, 2-3% late stage quartz veins	Trace disseminated pyrite							

CME CONSULTING LTD. **Mila Project 01A** Logged by: GE Date: Jan 15-16/91 Hole No. **M91-4**

From - To metres	Lithology	Alteration	Mineralization/ Sulphides/Structure/ Core Condition	Sample No.	Interval m	Length m	Cu ppm	Pb ppm	Zn ppm	Other ppm (ppb)
96.47-121.40	Felsic tuff with sulphides - Felsic tuff - Silicified	Minor sericite	4-5% pyrrhotite veinlets, trace chalcopyrite	5777	96.47-97.00	0.53	260	246	235	
	Felsic tuff(?)	Late quartz vein, extreme silici-fication, minor sericite	1% pyrite in veinlets	5778	97.00-97.40	0.40	80	9	32	
	Felsic tuff - Well laminated and silicified	5% quartz veins, weak sericite	5% pyrrhotite lamination	5779	97.40-98.28	0.88	430	14	119	
	Felsic tuff - Moderately sericitic	Quartz sericite schist, 5% quartz veins	Coarse pyrrhotite bands and blebs 35% with quartz + sericite fragments - 2-3% pyrite blebs, trace-.5% chalcopyrite dissemination	5780	98.28-98.96	0.68	780	16	220	
	Felsic tuff - Moderately sericitic, strongly folded	Quartz sericite schist	Coarse pyrrhotite bands as 5780 with 30% pyrrhotite, 2-3% pyrite blebs, 1+% chalcopyrite disseminations with pyrrhotite	5781	98.96-99.55	0.59	1400	3	182	
	Felsic tuff - Moderately sericitic, well laminated with quartz lamination	Quartz sericite schist	5-6% pyrrhotite lamination, trace chalcopyrite	5782	99.55-100.22	0.67	480	4	66	

CME CONSULTING LTD. **Mila Project 01A** Logged by: GE Date: Jan 15-16/91 Hole No. **M91-4**

From - To metres	Lithology	Alteration	Mineralization/ Sulphides/Structure/ Core Condition	Sample No.	Interval m	Length m	Cu ppm	Pb ppm	Zn ppm	Other ppm (ppb)
	Felsic tuff - Siliceous, light grey	Weak sericite	12% laminated pyrrhotite veinlets, 2-3% chalcopyrite veinlets + disseminations	5783	100.22-100.95	0.73	2200	17	77	
	Felsic tuff - Well laminated quartz sericite schist	Moderate sericite	15% pyrrhotite as veinlets + bands (laminated), 1% chalcopyrite	5784	100.95-101.55	0.60	765	3	100	
	Felsic tuff - Moderate sericite, well laminated	Weak silicification	6-7% pyrrhotite laminated veinlets	5785	101.55-102.41	0.86	297	3	82	
	Felsic tuff - Siliceous and strongly folded, 70° to core axis	20% milky white quartz, muscovite? in siliceous matrix	50% pyrrhotite as veinlets to massive zones (10 cm of 95% pyrrhotite), 1% chalcopyrite with pyrrhotite	5786	102.41-102.96	0.55	804	5	78	
	Felsic tuff - Quartz sericite schist, well laminated	Quartz sericite schist, 2% quartz veins	6-7% pyrrhotite veinlets	5787	102.96-103.70	0.74	678	4	126	
	Felsic tuff - Fragmental? siliceous flattened fragments, 30 m long in quartz sericite schist matrix	Quartz sericite schist, 4% quartz veins	12% veinlets + veins ± blebs pyrrhotite, trace chalcopyrite	5788	103.70-104.48	0.78	678	4	126	
	Felsic tuff - Quartz sericite schist	Becoming weakly chloritic	5-6% pyrrhotite lamination	5789	104.48-105.04	0.56	306	1	188	

CME CONSULTING LTD. **Mila Project 01A** Logged by: GE Date: Jan 15-16/91 Hole No. **M91-4**

From - To metres	Lithology	Alteration	Mineralization/ Sulphides/Structure/ Core Condition	Sample No.	Interval m	Length m	Cu ppm	Pb ppm	Zn ppm	Other ppm (ppb)
	Felsic tuff - Chlorite plus biotite rich fragments with siliceous fragments to 3 cm	Chlorite and biotite rich matrix	4% pyrite disseminated, 2% pyrrhotite veinlets	5790	105.04-105.64	0.60	545	8	132	
	Felsic tuff - Chlorite plus biotite, 70° to core axis, folded	Chlorite and biotite	6-7% veinlet + disseminated pyrite	5791	105.64-106.64	1.00	339	7	111	
	Felsic tuff - Chlorite and biotite	Chlorite and biotite	7-8% pyrite veinlets, 4% pyrrhotite veinlets	5792	106.64-108.11	1.47	655	5	139	
	Felsic tuff - Well laminated	More silica, 5% brown biotite grains	2-3% pyrrhotite veinlets	5793	108.11-109.61	1.50	29	10	50	
	Felsic tuff at 60° to core axis	Weak chlorite, moderate carbonate veinlets	2-3% pyrrhotite veinlets	5794	109.61-110.81	1.20	108	8	47	
	Felsic tuff - Weak silica	Chlorite with carbonate, becoming more siliceous	4-5% pyrrhotite veinlets	5795	110.81-111.41	0.60	223	7	56	
	Felsic tuff - Very siliceous	5% late quartz veins	20+% pyrrhotite veins + veinlets, 4-5% pyrite blebs, trace chalcopyrite	5796	111.41-112.40	0.99	674	7	114	
	Felsic tuff - Very siliceous, well laminated	Quartz sericite schist	5-6% pyrrhotite laminated veinlets	5797	112.40-113.32	0.92	249	8	68	
	Felsic tuff - Well laminated	Quartz sericite schist	8% pyrrhotite veinlets	5798	113.32-113.90	0.58	351	6	59	

CME CONSULTING LTD. **Mila Project 01A** Logged by: GE Date: Jan 15-16/91 Hole No. **M91-4**

From - To metres	Lithology	Alteration	Mineralization/ Sulphides/Structure/ Core Condition	Sample No.	Interval m	Length m	Cu ppm	Pb ppm	Zn ppm	Other ppm (ppb)
	Felsic tuff - 80° to core axis, laminated	Quartz sericite schist, very siliceous	1-2% pyrrhotite veinlets, trace brown sphalerite? blebs	5799	113.90-114.90	1.00	62	7	56	
	Felsic tuff - Well laminated	Quartz sericite schist, siliceous	3-4% pyrrhotite laminated	5800	114.90-115.74	0.84	303	13	110	
	Felsic tuff - Well laminated	Quartz sericite schist, siliceous with mudstone	15% pyrrhotite veinlets with 1% chalcopyrite	5801	115.74-116.14	0.40	1329	4	72	
	Felsic tuff - Laminated at 80° to core axis	Weak chlorite + carbonate	5-6% pyrrhotite laminated veinlets	5802	116.14-117.14	1.00	234	5	50	
	Felsic tuff - Moderately siliceous	Well laminated silica	5-6% pyrrhotite veinlets	5803	117.14-118.14	1.00	233	2	42	(170 Au)
	Felsic tuff - Moderately siliceous	Well laminated	20% pyrrhotite veinlets, 1% chalcopyrite	5804	118.14-118.97	0.83	450	1	40	
	Felsic tuff - Weak silica	Well laminated	5% pyrrhotite veinlets, 2% pyrite blebs	5805	118.97-119.65	0.68	275	2	61	
	Quartz vein - Only 40% recovery	Milky white quartz vein, minor chlorite veinlets	40% pyrrhotite blebs, 3% chalcopyrite	5806	119.65-120.40	0.75	2310	20	125	(330 Au)
	Felsic tuff - Chloritic	Chlorite	2-3% pyrrhotite veinlets	5807	120.40-121.40	1.00	254	6	137	
121.40-126.19 End of Hole	Felsic tuff - Well laminated moderately siliceous with occasional mafic tuff unit with chlorite + carbonate laminations, foliation at 80° to core axis	Siliceous with sericite, 5% late quartz veins	1-2% pyrrhotite veinlets							

CME CONSULTING LTD.

Project 01A
Mila

Length (m): 157.58 m
Dip : -80°
Azimuth : 020°
Core size : NQ
Casing : 5.5 m

Grid : B
Latitude : 18+00W
Departure : Stn 8+35S
Collar elev.: 880 m
Remarks :

Drilled : Jan 14-16/91
Contractor : Burwash
Logged by : G. Evans
Date logged: Jan 16-17/91

Hole No. : **M91-5**
Hole survey type: Acid
Depth : 157.58 m
Dip : -74°

From - To metres	Lithology	Alteration	Mineralization/ Sulphides/Structure/ Core Condition	Sample No.	Interval m	Length m	Cu ppb	Pb ppm	Zn ppm	Other ppm (ppb)
0-7.10	Overburden									
7.10-9.40	Argillite well laminated with bedding at 80° to core axis, minor 10 cm chlorite rich mafic beds	10% carbonate veinlets, chlorite alteration to mafics	2-3% coarse pyrite cubes							
9.40-11.94	Felsic tuff with limestone - Finely laminated quartz and sericite with 40% 5-10 cm carbonate beds	Quartz sericite schist								
	Limestone 60% with 40% felsic tuff	Minor sericite	3% pyrrhotite veinlets, 1% chalcopyrite disseminated	5808	10.89-11.94	1.05	178	71	4121	22 Cd
11.94-16.32	Felsic tuff with sulphides - Felsic tuff - Siliceous, well laminated	Siliceous with moderate sericite	25% pyrrhotite veinlets, 2% chalcopyrite disseminated	5809	11.94-12.34	0.40	1624	27	511	
	Quartz vein	Chlorite on selvages	20% pyrrhotite blebs, 3% chalcopyrite blebs	5810	12.34-12.67	0.33	4398	24	111	(90 Au)
	Felsic tuff- Well laminated at 70° to core axis	Silicified with sericite	20% pyrrhotite veinlets, 10% pyrite veinlets, trace chalcopyrite	5811	12.67-13.49	0.82	580	12	80	
	Felsic tuff	Silicified and chloritic	15% pyrrhotite veinlets, 7% pyrite coarse cubes, .5% chalcopyrite dissemination	5812	13.49-14.19	0.70	1924	3	122	(110 Au)

CME CONSULTING LTD. **Mila Project 01A** Logged by: GE Date: Jan 16-17/91 Hole No. **M91-5**

From - To metres	Lithology	Alteration	Mineralization/ Sulphides/Structure/ Core Condition	Sample No.	Interval m	Length m	Cu ppm	Pb ppm	Zn ppm	Other ppm (ppb)
	Felsic tuff	Silicified, 5% quartz veins	12% pyrite cubes, 5% pyrrhotite veinlets, trace chalcopyrite	5813	14.19-15.05	0.86	434	18	77	(50 Au)
	Felsic tuff	Very siliceous with sericite	10% pyrrhotite veinlets, 7% pyrite cubes, trace chalcopyrite dissemination	5814	15.05-15.69	0.64	1129	72	47	96 W, (50 Au)
	Felsic - Mafic tuff	Chlorite + carbonate increase	7% pyrite cubes, 3% pyrrhotite veinlets, trace chalcopyrite	5815	15.69-16.32	0.63	1155	50	154	
16.32-20.94	Mafic tuff - Finely laminated chlorite + carbonate at 70° to core axis	Chlorite + carbonate	Trace-1% disseminated pyrite							
20.94-26.87	Felsic tuff - Finely laminated sericite rich tuff at 70° to core axis foliation	Strong sericite								
	Felsic tuff	20% quartz veins, strong sericite	2-3% pyrite, trace chalcopyrite	5816	23.48-24.18	0.70	876	7	54	
	Felsic tuff	Extremely sericite altered	4% chalcopyrite veinlets, 2% pyrrhotite veinlets	5817	24.18-24.56	0.38	11966	1	217	3.0 Ag, (50 Au) 12 Mo
	Felsic tuff	Extremely sericite altered	3% pyrrhotite veinlets, 1% chalcopyrite dissemination	5818	24.56-24.96	0.40	4055	2	119	58 Mo

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From - To metres	Lithology	Alteration	Mineralization/ Sulphides/Structure/ Core Condition	Sample No.	Interval m	Length m	Cu ppm	Pb ppm	Zn ppm	Other ppm (ppb)
	Felsic tuff 25.70-26.52: Core lost due to unlocked core barrel	Moderate sericite altered with silica bands	4% pyrite dissemination, 2% pyrrhotite veinlets, trace chalcopyrite	5819	24.96-25.70	0.74	3648	1	101	12 Mo
	Felsic tuff - Laminated at 70° to core axis	Moderate silica with sericite	3% pyrrhotite, 1% chalcopyrite dissemination	5820	26.52-26.87	0.35	5188	4	92	13 Mo
26.87-29.40	Felsic quartz porphyry flow - Well laminated sericite matrix with poor quartz phenocrysts, foliation at 70° to core axis	Quartz sericite schist, moderate	1-2% disseminated pyrite, trace chalcopyrite							
	Quartz porphyritic felsic flow	Moderately sericitic	4% disseminated pyrite	5682	26.87-28.00	1.13	2252	5	45	16 Mo
	Quartz porphyritic felsic flow	Moderately sericitic	5-6% disseminated pyrite	5683	28.00-29.40	1.40	2416	5	36	17 Mo
29.40-30.15	Mafic tuff - Well laminated chlorite rich with carbonate lamination, some 1-2 mm feldspar phenocrysts	3% quartz veinlets, crosscut	2-3% disseminated pyrite, trace-.5% chalcopyrite	5821	29.40-30.15	0.75	5195	1	93	(40 Au), 143 Mo
30.15-34.75	Felsic tuff - Well laminated with sericite lamination in a silica matrix, foliation at 70° to core axis, moderate broken-weak fault?	2% late, milky white quartz veins, silica with sericite	1-2% disseminated pyrite cubes							
	Felsic tuff - Well laminated	Moderate silica	1-2% disseminated pyrite	5684	30.15-31.15	1.00	752	3	27	867 Ba
34.75-37.29	Mafic tuff with argillite - Chlorite rich matrix with 10% 1-2 mm carbonate rich feldspar porphyries, occasional 2-5 cm argillite	Chlorite + carbonate alteration, 1% late quartz veins	Trace disseminated pyrite, trace chalcopyrite in discrete veinlets							

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From - To metres	Lithology	Alteration	Mineralization/ Sulphides/Structure/ Core Condition	Sample No.	Interval m	Length m	Cu ppm	Pb ppm	Zn ppm	Other ppm (ppb)
	(carbonaceous) bed with bedding at 65° to core axis									
37.29-49.35	Felsic tuff with argillite - Well laminated moderate silica matrix with sericite lamination and 15% 1-10 cm argillite beds, bedding at 60-70° to core axis	Sericite with minor chlorite lamination, 3% late quartz veins	Average 1% disseminated pyrite							
	Felsic tuff with quartz vein	Sericite with silicification, 40% quartz vein	5% pyrite, trace chalcopyrite in quartz vein as crosscut veinlets	5822	42.13-42.43	0.30	219	13	92	
49.35-66.13	Siltstone, limestone, argillite - Well laminated 1-2 cm sediments with 75% siltstones and limestone and 20% argillite beds, bedding at 65° to core axis, siltstone carbonate rich matrix with .5-1.0 mm quartz + argillite grains, grading suggests tops up?	2% late quartz veins	trace pyrrhotite veinlets							
66.13-67.10	Felsic tuff - Finely laminated siliceous matrix with sericite lamination at 70° to core axis, some isoclinal folding	Sericite, weak	2% pyrrhotite veinlets, 1% disseminated pyrite	5823	66.13-67.10	0.97	159	408	1292	
67.10-69.80	Mafic tuff with limestone - Fine-grained chlorite matrix with carbonate lamination and to 10 cm limestone beds, bedding 70° to core axis, some 1-2 mm carbonate altered feldspar phenocrysts	Chlorite + carbonate	Trace pyrrhotite veinlets							
69.80-101.14	Main zone - Felsic tuff with sulphides									

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From - To metres	Lithology	Alteration	Mineralization/ Sulphides/Structure/ Core Condition	Sample No.	Interval m	Length m	Cu ppm	Pb ppm	Zn ppm	Other ppm (ppb)
	Felsic tuff - Rounded fragments	10% late quartz veins in silicified + sericite altered matrix	20% pyrrhotite blebs + veinlets, 2% chalcopyrite veinlets	5824	69.80-70.31	0.51	1459	42	102	
	Felsic tuff - Silica + sericite matrix, very contorted and 1-2 cm siliceous fragments	5% late quartz veins	25% pyrrhotite veins with 1% chalcopyrite blebs	5825	70.31-71.00	0.69	4163	155	159	
	Felsic tuff - Siliceous matrix with sericite lamination at 70° to core axis	30% late milky quartz vein, silicified + sericitic	2-3% pyrrhotite veinlets, 2% pyrite disseminations	5826	71.00-71.69	0.69				
	Felsic tuff - Siliceous	Quartz sericite schist with 5% quartz veins	2% pyrrhotite veinlets	5827	71.69-72.69	1.00	317	30	114	
	Felsic tuff - Sericite with lamination at 60° to core axis	5% quartz veins, moderate sericite	4% pyrrhotite veinlets parallel to lamination	5828	72.69-73.20	0.51	210	8	125	
	Felsic tuff - Moderately siliceous, well laminated	Quartz sericite schist	1% pyrrhotite lamination	5829	73.20-73.74	0.54	57	7	49	
	Felsic tuff - Very siliceous, well laminated	Silicified, weak sericite	15% pyrrhotite veinlets parallel to lamination with .5-1% chalcopyrite	5830	73.74-74.62	0.88	1667	10	55	
	Felsic tuff - Sericite, well laminated	Moderate sericite 5% late quartz veins	2-3% pyrrhotite veinlets parallel to lamination, trace chalcopyrite	5831	74.62-75.28	0.66	464	8	61	

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From - To metres	Lithology	Alteration	Mineralization/ Sulphides/Structure/ Core Condition	Sample No.	Interval m	Length m	Cu ppm	Pb ppm	Zn ppm	Other ppm (ppb)
	Felsic tuff with 30% argillite - Well laminated, bedding at 70° to core axis	Weak sericite, 2% late quartz veins	4% pyrrhotite veinlets parallel to lamination, 1% disseminated pyrite	5832	75.28-76.84	1.56	685	5	51	
	Felsic tuff with 40% argillite - Well laminated and folded	Weak sericite	7% pyrrhotite veinlets, trace chalcopyrite	5833	76.84-77.60	0.76	937	3	58	
	Felsic tuff - Well laminated, sericite rich	Quartz sericite schist, moderate sericite, 2% late quartz veins	7% laminated pyrrhotite veinlets, trace chalcopyrite dissemination	5834	77.60-78.62	1.02	719	2	49	
	Felsic tuff - Fragments rounded 1-2 cm with sulphide matrix, some quartz fragments	Moderate quartz sericite schist	40% pyrrhotite matrix with 1+% chalcopyrite	5835	78.62-79.22	0.60	4227	9	101	104 Co
	Felsic tuff - Well laminated and folded	Moderate sericite, well folded	7% fine-grained veinlets, trace chalcopyrite	5836	79.22-79.90	0.68	817	4	78	
	Felsic tuff - Quartz sericite schist in quartz breccia	Brecciated by irregular quartz veinlets	9% pyrrhotite veinlets parallel to foliation	5837	79.90-80.50	0.60	756	6	76	
	Felsic tuff - Well laminated, moderately siliceous with more chlorite, laminated at 65° to core axis	Increased chlorite	12% pyrrhotite lamination, 1% disseminated pyrite	5838	80.50-81.12	0.62	430	12	85	
	Felsic tuff - Well laminated (core zone)	Chorite, biotite, sericite	6% pyrite dissemination, 2% pyrrhotite veinlets	5839	81.12-82.00	0.88	276	4	89	

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From - To metres	Lithology	Alteration	Mineralization/ Sulphides/Structure/ Core Condition	Sample No.	Interval m	Length m	Cu ppm	Pb ppm	Zn ppm	Other ppm (ppb)
	Felsic tuff - Well laminated (core zone)	Chlorite, biotite	8% pyrite disseminated and cubes, 2% pyrrhotite lamination	5840	82.00-83.00	1.00	318	1	83	
	Felsic tuff - Well laminated	Chlorite + biotite	7% disseminated pyrite, trace pyrrhotite lamination	5841	83.00-83.96	0.96	266	4	110	
	Felsic tuff - Moderately siliceous, well laminated	Sericite, chlorite, trace biotite	12% veinlet pyrrhotite	5842	83.96-84.62	0.66	366	9	135	
	Felsic tuff - Very siliceous, well laminated but folded with round felsic fragments	Silicified with minor sericite	30% pyrrhotite in matrix with trace chalcopyrite	5843	84.62-85.10	0.48	1375	7	174	
	Felsic tuff - Matrix strong sericite	30% quartz veins, strong sericite alteration	7-8% pyrrhotite blebs + veinlets, trace chalcopyrite	5844	85.10-85.78	0.68	233	10	91	
	Felsic tuff - Well laminated	20% quartz veins, strongly sericitic	6-7% pyrrhotite veinlets + blebs	5845	85.78-86.80	1.02	176	9	56	
	Felsic tuff - Very siliceous with round felsic fragments	Silicified with sericite, 10% quartz phenocrysts	10% pyrrhotite veinlets	5846	86.80-87.72	0.92	270	10	102	
	Felsic tuff - Very siliceous, moderately laminated at 70° to core axis		25% pyrrhotite veinlets + blebs	5847	87.72-88.04	0.32	1480	10	85	
	Felsic tuff - Moderately siliceous, well laminated	Weak sericite + chlorite	12% pyrrhotite veinlets parallel to lamination	5848	88.04-88.94	0.90	462	4	102	

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From - To metres	Lithology	Alteration	Mineralization/ Sulphides/Structure/ Core Condition	Sample No.	Interval m	Length m	Cu ppm	Pb ppm	Zn ppm	Other ppm (ppb)
	Felsic tuff - Well laminated at 50° to core axis, some very stretched fragments	Silicified with sericite	6% pyrrhotite veinlets parallel to lamination, 2% pyrite disseminated	5849	88.94-90.37	1.43	197	5	81	
	Felsic tuff - Dark green, well laminated at 70° to core axis	Silicified with sericite	1% pyrrhotite veinlets	5850	90.37-91.70	1.33	58	2	80	
	91.70-95.70: Felsic tuff, finely laminated at 70° to core axis	Silicified, dark green with sericite	Trace pyrrhotite veinlets							
	Felsic tuff - Dark green, siliceous	Sericite with 5% late quartz veins	7% pyrrhotite veinlets, trace chalcopyrite	5851	95.70-96.88	1.18	272	9	142	
	Felsic tuff - Very siliceous	Minor sericite, 20% late quartz veins	10% pyrrhotite veinlets	5852	96.88-97.54	0.66	169	10	627	
	Felsic tuff - Dark grey-green, moderately siliceous	15% late quartz veins, sericite	15% pyrrhotite veinlets + blebs, trace -.5% chalcopyrite	5853	97.54-98.26	0.72	520	62	542	
	Felsic tuff - Dark grey-green, fine-grained, moderately siliceous	Silicified with sericite	12% pyrrhotite veinlets + disseminations, trace chalcopyrite	5854	98.26-99.30	1.04	345	19	198	
	Felsic tuff - Dark grey-green, fine-grained, granular	Moderately siliceous, fine-grained sericite 2% carbonate veins	7-8% pyrrhotite disseminated, trace chalcopyrite	5855	99.30-100.10	0.80	276	13	208	
	Felsic tuff - Dark grey, fine-grained	Sericite, minor carbonate veinlets	12% pyrrhotite veinlets + disseminations with trace-.5% chalcopyrite disseminated	5856	100.10-101.14	1.04	250	17	258	

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From - To metres	Lithology	Alteration	Mineralization/ Sulphides/Structure/ Core Condition	Sample No.	Interval m	Length m	Cu ppm	Pb ppm	Zn ppm	Other ppm (ppb)
101.14-106.02	Argillite - Well laminated, moderately graphitic with carbonate lamination, bedding at 65-70° to core axis	3% late quartz veins	Average 3% pyrite blebs							
	Argillite - Well laminated	15% late quartz veins	15% pyrrhotite veinlets, 6% pyrite blebs, trace chalcopyrite	5857	101.50-101.85	0.35	212	12	470	
106.02-127.10	Felsic tuff with minor argillite, very siliceous dark green aphanitic matrix with minor sericite alteration (chert?), occasional black, siliceous argillite component present, bedding at 70° to core axis	Very siliceous, 3% late stage quartz veins	Trace pyrrhotite veinlets							
	Felsic tuff - Very siliceous, dark green	20% quartz veins late, weak sericite	8% pyrrhotite veinlets	5858	107.06-107.84	0.78	298	16	2336	
	119.83-120.24: Limestone bed, light grey									
	120.24-121.5: Large fault zone with heavily broken rock									
	Felsic tuff - Fault zone with quartz breccia	40% quartz, sericite	8% pyrrhotite, 2% pyrite, trace chalcopyrite	5859	122.03-122.80	0.77	392	18	122	
	123.70-124.66: Strong fault zone with crushed rock									
127.10-144.45	Mafic tuff with argillite and limestone, bedding at 60° to core axis, generally a chlorite rich, well laminated mafic tuff with	Chlorite + carbonate, 1% late quartz veins	Trace pyrrhotite veinlets							

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From - To metres	Lithology	Alteration	Mineralization/ Sulphides/Structure/ Core Condition	Sample No.	Interval m	Length m	Cu ppm	Pb ppm	Zn ppm	Other ppm (ppb)
	carbonate veinlets every .5 cm, commonly has remnant feldspar phenocrysts 1-2 mm, 20% laminated argillite beds 1-30 cm and rare 5-20 cm, light grey limestone beds									
	Quartz vein	Quartz with sericite selvages	4% pyrrhotite blebs	5860	139.25-139.50	0.25	79	37	60	
144.45-148.68	Argillite - Well laminated silt + siliceous argillite on .5-1.0 cm scale, bedding at 70° to core axis	2% late silicification	3% pyrite veinlets veinlets + disseminated cubes							
148.68-157.58	Felsic quartz porphyry flow - Well laminated tan-dark green sericitic matrix with 15% 3-5 mm blue quartz phenocrysts, foliation at 70° to core axis	Quartz sericite schist, 1% late quartz veins	Trace disseminated pyrite							
End of Hole	155.03-155.43: Graphitic fault at 80° with quartz gouge									

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Project 01A
Mila

Length (m): 407.52 m
Dip : -70°
Azimuth : 340°
Core size : NQ
Casing : 16.0 m

Grid : B
Latitude : 11+95W
Departure : Stn 12+90S
Collar elev.: 970 m
Remarks :

Drilled : Jan 17-24/91
Contractor : Burwash
Logged by : G. Evans
Date logged: Jan 20-24/91

Hole No. : **M91-6**
Hole survey type: Acid
Depth : 392.28 m
Dip : -76°

From - To metres	Lithology	Alteration	Mineralization/ Sulphides/Structure/ Core Condition	Sample No.	Interval m	Length m	Cu ppb	Pb ppm	Zn ppm	Other ppm (ppb)
0-15.98	Overburden									
15.98-19.80	Argillite with felsic tuff - Well laminated argillite + siltstone with 40% sericitic felsic tuff, bedding at 80° to core axis with some isoclinal folds	Quartz sericite schist, weak	Trace disseminated pyrite							
19.80-26.92	Felsic tuff - Well laminated sericite + quartz beds 1-4 cm with minor siltstone and argillite, bedding at 80° to core axis	Weak sericite, 2% late quartz veins	Trace-1% pyrrhotite veinlets parallel to foliation near quartz veins							
26.92-30.46	Argillite with felsic tuff - Well laminated argillite with minor siltstone and felsic tuff, bedding at 80° to core axis	2% late quartz veins, minor sericite	Average 5-8% coarse pyrite cubes							
	Argillite - Well laminated	1% quartz veins	5% pyrite dissemination, 1% pyrrhotite lamination	5861	27.14-27.88	0.74	88	18	66	
	Felsic tuff - Well laminated	3% quartz veins, sericite, moderately siliceous	6% pyrite dissemination, 3% pyrrhotite veinlets parallel to foliation	5862	27.88-28.68	0.80	88	85	72	39 Mo
	Argillite - Well laminated	1% quartz veins	6% pyrite coarse cubes, trace pyrrhotite lamination	5863	28.68-29.36	0.68	76	21	74	

CME CONSULTING LTD. **Mila Project 01A** Logged by: GE Date: Jan 20-24/91 Hole No. **M91-6**

From - To metres	Lithology	Alteration	Mineralization/ Sulphides/Structure/ Core Condition	Sample No.	Interval m	Length m	Cu ppm	Pb ppm	Zn ppm	Other ppm (ppb)
30.46-47.40	Felsic tuff - Moderately siliceous, well laminated, 2-3 cm sericite + quartz beds, foliation at 80° to core axis, some round and flattened fragments(?)	Moderately silicified, weak sericite, 1% late quartz veins	Trace pyrrhotite veinlets parallel to foliation							
	Felsic tuff with quartz veins	40% quartz veins with sericite selvages	5% pyrrhotite veins, 3% pyrite veins in quartz veins	5864	35.22-35.78	0.56	111	24	67	39 Mo
	41.30-41.85: Strong fault zone with crushed rock									
	44.61-45.92: Strong fault zone with crushed rock									
47.40-50.86	Chert - Massive aphanitic chert with light green colour due to minor sericite	2% late quartz veins								
50.86-55.05	Felsic tuff with argillite - Bedding at 90° to core axis, silica, weak sericite matrix with 40% siliceous argillite beds	5% late quartz veins, weak sericite in matrix	Trace pyrrhotite veinlets							
55.05-61.31	Felsic tuff - Silica, chert beds in a light green sericite matrix, bedding at 85° to core axis with many of the siliceous beds isoclinally folded	2-3% late quartz veins, folded, weak sericite								
	Felsic tuff - Moderately siliceous	Weak sericite, moderately silicified	2-3% pyrrhotite veinlets, 2% pyrite disseminated	5865	57.65-58.65	1.00	47	38	24	

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From - To metres	Lithology	Alteration	Mineralization/ Sulphides/Structure/ Core Condition	Sample No.	Interval m	Length m	Cu ppm	Pb ppm	Zn ppm	Other ppm (ppb)
	Felsic tuff - Moderately siliceous	3% late quartz veins, weak sericite	3-4% pyrrhotite veinlets, 2-3% pyrite disseminated, trace very fine-grained grey sulphides	5866	58.65-59.65	1.00	41	14	64	
	Felsic tuff - Moderately siliceous	4% late quartz veins, weak sericite	5% disseminated pyrite, 3% pyrrhotite veinlets, trace very fine-grained grey sulphides	5867	59.65-60.35	0.70	46	14	57	
61.31-66.10	Argillite with felsic tuff - Well laminated sericite matrix with 50-60% black siliceous argillite beds 1-5 cm, bedding at 80° to core axis	6-7% late milky quartz veins, weak sericite, quartz veins occasionally isoclinally folded	Average trace-1% pyrrhotite lamination							
66.10-68.78	Felsic tuff - Siliceous beds in a sericite matrix, bedding at 85° to core axis	10% late milky quartz veins								
	Felsic tuff	Moderately silicified, weak sericite, 5% late quartz veins	6% pyrrhotite veinlets, 2-3% pyrite dissemination	5868	65.63-66.38	0.75	41	28	41	
	Quartz vein breccia in a fault zone, round quartz fragments in a sericite matrix	Quartz vein with sericite in matrix	6-7% disseminated pyrite	5869	66.38-66.78	0.40	19	4	34	

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From - To metres	Lithology	Alteration	Mineralization/ Sulphides/Structure/ Core Condition	Sample No.	Interval m	Length m	Cu ppm	Pb ppm	Zn ppm	Other ppm (ppb)
68.78-84.65	Argillite with felsic tuff - (broad fault zone), well folded, siltstone and argillite beds with 30% sericite rich felsic tuff, bedding at 80° to core axis with broad crushed + clay fault gouge	3-4% late quartz veins, weak sericite	Trace-1% pyrrhotite veinlets, trace pyrite disseminated							
84.65-92.90	Felsic tuff - Well laminated, moderately sericitic, foliation at 80° to core axis, possibly fragmental with flat siliceous fragments(?)	Moderately siliceous with 4% milky quartz veins								
	Felsic tuff - Well laminated	Moderately sericitic	3-4% pyrrhotite veinlets parallel to foliation	5870	84.65-86.00	1.35	54	3	60	
	Felsic tuff - Well laminated	Moderately siliceous + sericitic, 4% late quartz veins	3-4% pyrrhotite veinlets parallel to foliation, 1-2% pyrite disseminated	5871	86.00-87.50	1.50	42	12	55	
	Felsic tuff - Well laminated	Moderately sericitic, 3-4% late quartz veins	4% pyrrhotite veinlets parallel to foliation, 2-3% pyrite disseminated	5872	87.50-89.00	1.50	38	48	67	
	Felsic tuff - Well laminated	Moderately siliceous, 3% late quartz veins	5-6% pyrrhotite veinlets, trace disseminated pyrite	5873	89.00-90.50	1.50	39	21	49	
	Felsic tuff - Well laminated	Moderately siliceous, weak sericite	2-3% pyrrhotite veinlets, 1% disseminated pyrite	5874	90.50-92.50	2.00	49	44	48	

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From - To metres	Lithology	Alteration	Mineralization/ Sulphides/Structure/ Core Condition	Sample No.	Interval m	Length m	Cu ppm	Pb ppm	Zn ppm	Other ppm (ppb)
92.90-94.52	Argillite with felsic tuff - Well laminated with sericite rich + siltstone beds with 60% siliceous argillite beds, bedding at 80° to core axis	6% late quartz veins, some isoclinally folded	Trace pyrrhotite veinlets							
94.52-97.32	Felsic tuff - Well laminated, sericite rich matrix with siliceous beds 2-10 cm, bedding at 80a to core axis	Weak sericite, 2% late quartz veins	1% pyrrhotite veinlets							
97.32-112.88	Argillite with felsic tuff - Interbedded argillite with sericite tuff beds, bedding at 80° to core axis	3% late quartz veins, occasionally folded, weak sericite	1% pyrrhotite veinlets, trace disseminated pyrite with quartz veins							
112.88-143.14	Felsic tuff with argillite - Well laminated siliceous felsic tuff with 20% argillite lamination, some isoclinal folding, bedding 80-85° to core axis	Weak sericite, 3% late quartz veins	Trace pyrrhotite veinlets							
	Felsic tuff - Well laminated, sericite rich	Moderate sericite, 2% late quartz veins	3-4% pyrrhotite veinlets, 1-2% pyrite dissemination	5875	119.94-120.66	0.72	60	10	57	
	Felsic tuff in a strong fault zone with clay gouge + crushed rock	Moderate sericite with 5% late quartz veins	7% veinlets + veins of pyrrhotite (some crosscut)	5876	128.00-128.93	0.93	39	7	54	
	Felsic tuff - Well laminated, light green sericite	20% silicification with 10% late quartz veins	5-6% fine-grained pyrrhotite veinlets + blebs	5877	136.55-137.62	1.07	40	11	33	
	Felsic tuff - Massive, moderate sericite	5% late quartz veins, moderate sericite	3% fine-grained pyrrhotite veinlets	5878	137.62-138.62	1.00	32	2	51	

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From - To metres	Lithology	Alteration	Mineralization/ Sulphides/Structure/ Core Condition	Sample No.	Interval m	Length m	Cu ppm	Pb ppm	Zn ppm	Other ppm (ppb)
	Felsic tuff - Moderate sericite, well laminated	2% late quartz veins, moderate sericite	3% fine-grained pyrrhotite veinlets	5879	138.62-139.30	0.68	67	3	57	
	139.30-143.14: Gradational contact with increasing argillite + siltstone, bedding at 80-85° to core axis									
143.14-158.58	Argillite + siltstone with felsic tuff - Extremely folded and deformed, well laminated sediments, foliation + bedding at 80° to core axis, 20% felsic tuff beds, 5-20 cm	3% late quartz veins, also folded, weak sericite, minor carbonate	Trace disseminated pyrite							
158.58-166.72	Felsic tuff with minor sulphides - Well laminated felsic tuff with silicified zones, lamination at 80° to core axis	Moderate sericite, 5-6% late quartz veins								
	Felsic tuff - Well laminated	5% late quartz veins, moderate sericite	3% pyrrhotite veinlets	5880	158.58-159.60	1.02	37	1	70	
	Felsic tuff - Well laminated, weak sericite	Becoming more silicified	5% pyrrhotite veinlets	5881	159.60-160.40	0.80	38	9	50	
	Felsic tuff - Well laminated	10% late quartz veins, strong silicification	5% pyrrhotite veinlets, 2-3% fine-grained disseminated pyrite	5882	160.40-161.40	1.00	49	165	70	
	Felsic tuff - Well laminated with minor sericite	Very siliceous matrix	7% fine-grained, disseminated pyrite 1% veinlets pyrrhotite	5883	161.40-162.40	1.00	47	34	56	

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From - To metres	Lithology	Alteration	Mineralization/ Sulphides/Structure/ Core Condition	Sample No.	Interval m	Length m	Cu ppm	Pb ppm	Zn ppm	Other ppm (ppb)
	Felsic tuff - Very siliceous with ground rock in a fault zone, poorly laminated	Very siliceous matrix	6-7% pyrite fine-grained, disseminated, trace pyrrhotite veinlets + blebs	5884	162.40-163.40	1.00	42	13	39	
	Felsic tuff - Very siliceous, poorly laminated	Very siliceous	7% pyrite disseminated, 2% pyrrhotite veinlets	5885	163.40-164.25	0.85	40	32	55	
	Felsic tuff - Well laminated, moderately siliceous	Weak sericite, moderate silica	3-4% pyrrhotite veinlets, 1% disseminated pyrite	5886	164.25-165.25	1.00	37	11	84	
	Felsic tuff with minor argillite, well laminated, weak sericite	Moderate silica, weak sericite	3% pyrrhotite veinlets, 1% disseminated pyrite	5887	165.25-166.72	1.47	45	9	65	
166.72-197.76	Argillite, siltstone with felsic tuff - Well laminated with 20% 10-50 cm sericite rich beds, generally dark grey-black siliceous argillite, bedding at 80° to core axis, commonly folded isoclinally	Trace sericite, 5% late quartz veins which are isoclinally folded, very siliceous argillite	Trace pyrrhotite veinlets, trace pyrite disseminated							
	Felsic tuff - Well laminated, very siliceous	Silicified	3% veinlets pyrrhotite	5888	189.05-189.90	0.85	72	35	32	
	Argillite, siltstone, felsic tuff-Interbedded	10% late quartz veins	3% pyrrhotite veinlets, trace pyrite	5889	193.34-194.37	1.03	69	8	84	
197.76-203.10	Felsic tuff - Moderately laminated, weak sericite felsic tuff with minor argillite + siltstone, bedding at 80° to core axis	Weak sericite								

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From - To metres	Lithology	Alteration	Mineralization/ Sulphides/Structure/ Core Condition	Sample No.	Interval m	Length m	Cu ppm	Pb ppm	Zn ppm	Other ppm (ppb)
	200.16-201.46: Strong fault with crushed rock + clay fault gouge									
	Felsic tuff in a fault zone	7% late quartz vein	5% pyrrhotite veins in fault	5890	200.56-201.46	0.90	45	26	65	
203.10-207.11	Siltstone, argillite, felsic tuff- Also minor chert, all interbedded on a 1-2 cm scale, bedding at 80° to core axis, some isoclinal folding, some thin faults at 20° to core axis, with obvious apparent vertical offset	6-7% late quartz veins	Trace pyrite disseminated							
207.11-231.24	Felsic tuff with minor argillite - Well laminated sericitic felsic tuff with 20% argillite beds 1-20 cm, bedding at 70° to core axis	Moderate sericite alteration, 5% late quartz veins	Trace pyrrhotite veinlets							
231.24-257.94	Argillite - Weak graphitic, well laminated with foliation parallel to bedding at 75° to core axis, interbedded argillite and siltstones, minor felsic tuff beds	5-6% late quartz veins, isoclinally folded	Average 7-8% coarse pyrite cubes (diagenetic)							
	239.32-240.18: Strong fault, moderately graphitic									
	Argillite - Weak silicified, well laminated	3% quartz veins	7-8% pyrite cubes, 3-4% pyrrhotite veinlets	5891	243.81-244.43	0.62	66	34	121	
	Argillite - Well laminated	8% quartz veins, weak sericite	4-5% pyrrhotite veinlets, 2-3% pyrite disseminated	5892	249.82-250.44	0.62	69	13	84	

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From - To metres	Lithology	Alteration	Mineralization/ Sulphides/Structure/ Core Condition	Sample No.	Interval m	Length m	Cu ppm	Pb ppm	Zn ppm	Other ppm (ppb)
	Argillite with minor felsic tuff - Well laminated 251.00-257.94: Increasing felsic tuff	7% quartz veins, isoclinally folded, weak sericite	2-3% pyrrhotite veinlets, 1-2% pyrite disseminated	5893	251.28-252.00	0.72	67	17	98	
257.94-264.25	Mafic tuff with felsic tuff - Well laminated chlorite + carbonate (2-3 mm) at 70° to core axis, 30% 50-80 cm quartz sericite schist beds	Chlorite + carbonate, minor quartz sericite schist, 5% quartz veins								
	Mafic tuff - Well laminated	Chlorite, carbonate	10% pyrite disseminated, 2% pyrrhotite veinlets	5894	257.94-258.40	0.46	55	42	100	
	Felsic tuff - Well laminated at 70° to core axis	Quartz sericite schist	5% pyrite disseminated, 1% pyrrhotite veinlets	5895	258.40-259.65	1.25				
	Mafic tuff - Well laminated at 60° to core axis	Chlorite-carbonate 10% late stage quartz veins, crosscut	15% pyrite disseminated	5896	259.65-260.52	0.87	59	6	114	
	Felsic tuff + quartz vein - Well laminated	Siliceous, weak sericite	3% disseminated pyrite	5897	260.52-261.86	1.34	27	9	48	
	Mafic tuff - Well laminated at 70° to core axis	Chlorite-carbonate	2-3% fine-grained disseminated pyrite	5898	261.86-263.67	1.81	101	4	112	
	Quartz vein - Breccia with chlorite fragments	Quartz vein with chlorite	5% disseminated pyrite in quartz vein	5899	263.67-264.25	0.58	48	5	76	

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From - To metres	Lithology	Alteration	Mineralization/ Sulphides/Structure/ Core Condition	Sample No.	Interval m	Length m	Cu ppm	Pb ppm	Zn ppm	Other ppm (ppb)
264.25-273.60	Quartz porphyritic felsic flow with felsic tuff - Well laminated sericite rich felsic matrix with occasional 5 mm blue quartz phenocryst, foliation at 75° to core axis	Quartz sericite schist, 2% late quartz veins	1-2% pyrite disseminated							
	Felsic tuff - Well laminated	Quartz sericite schist	5% pyrrhotite veinlets, 2% disseminated pyrite cubes	5900	264.25-265.05	0.80	79	17	82	
	Quartz porphyritic flow?-tuff - Well laminated, rare quartz phenocryst, foliation at 80° to core axis	Quartz sericite schist, 10% late quartz veins	1-2% pyrrhotite blebs in quartz vein, 2-3% disseminated pyrite	5901	270.80-272.00	1.20	48	14	61	
	Quartz porphyritic flow?-tuff - Well laminated with rare quartz phenocryst	Quartz sericite schist, 10% late quartz veins	2-3% pyrite disseminated, 2% pyrrhotite veinlets	5902	272.00-273.03	1.03	54	25	93	
273.60-299.83	Felsic tuff - Very fine-grained, well laminated, moderately sericitic tuff with occasional siliceous beds + rare mafic tuff bed, bedding + foliation at 70° to core axis	Quartz sericite schist, 1% late quartz veins	Trace pyrrhotite veinlets, trace pyrite disseminated							
	Felsic tuff - Moderate sericite at 70° to core axis 295.40-296.30: Strong fault 299.03-299.83: Chert bed with minor sericite in matrix	1% late quartz veins	2% pyrite blebs disseminated, 1% pyrrhotite veinlets	5903	290.66-291.78	1.12	56	109	127	

From - To metres	Lithology	Alteration	Mineralization/ Sulphides/Structure/ Core Condition	Sample No.	Interval m	Length m	Cu ppm	Pb ppm	Zn ppm	Other ppm (ppb)
299.83-307.16	Mafic tuff - Finely laminated chlorite + carbonate, lamination 1-3 mm, foliation at 70° to core axis	Chlorite + carbonate, 1-2% late quartz-carbonate veinlets	NB* Contains 5-6% magnetite grains, trace pyrite dissemination							
	Mafic tuff - Well laminated 307.00-307.16: Graded vesicles or remnant feldspar phenocrysts suggest tops downhole	Chlorite-carbonate 3% quartz carbonate veinlets	2-3% fine-grained disseminated pyrite	5904	302.10-303.30	1.20	113	13	111	
307.16-365.30	Felsic tuff - Well laminated with medium siliceous matrix with sericite lamination at 70° to core axis	Quartz sericite schist, 3% late quartz veins, crosscut	Average trace pyrite dissemination, trace pyrrhotite veinlets							
	Felsic tuff	5% quartz veins	3% coarse pyrite, 1-2% pyrrhotite veinlets	5905	308.16-308.71	0.55	46	8	46	
	Felsic tuff and quartz vein	40% quartz vein with silicification	2-3% disseminated pyrite, 1-2% pyrrhotite blebs in quartz vein	5906	309.26-309.94	0.68	37	1	38	
	Felsic tuff - Very siliceous, light grey	Silicified	4-5% disseminated pyrite	5907	311.21-311.53	0.32	52	121	139	
	Felsic tuff - Finely laminated	Quartz sericite schist	2-3% disseminated pyrrhotite, 1% disseminated pyrite	5908	318.20-319.00	0.80	188	16	98	
	Felsic tuff - Finely laminated	Quartz sericite schist	2% disseminated pyrite, trace pyrrhotite, trace sphalerite?	5909	319.00-320.30	1.30	84	17	146	

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From - To metres	Lithology	Alteration	Mineralization/ Sulphides/Structure/ Core Condition	Sample No.	Interval m	Length m	Cu ppm	Pb ppm	Zn ppm	Other ppm (ppb)
	Felsic tuff - Quartz sericite schist	40% quartz vein late	5% pyrrhotite veinlets, with 2% blackjack sphalerite + 2% galena	5910	320.30-320.41	0.11	85	7379	12521	51 Cd
	Felsic tuff - Quartz sericite schist	Quartz sericite schist	2% pyrite disseminated, 1% pyrrhotite veinlets, trace sphalerite, galena	5911	320.41-321.25	0.84	62	82	269	
	Felsic tuff - Well laminated	Quartz sericite schist, weakly silicified	7% pyrite blebs + dissemination	5912	323.93-324.55	0.62	72	49	113	
	Felsic tuff - Quartz sericite schist, well laminated	5% late quartz veins	Average 5% disseminated pyrite	5913	339.97-341.29	1.32				
	Felsic tuff - Quartz sericite schist, well laminated at 70° to core axis	5% late quartz veins	Average 3-4% disseminated pyrite	5914	341.29-342.46	1.17	50	19	93	
	Felsic tuff - Quartz sericite schist, well laminated	5% quartz veins, with moderate silicification	5% disseminated pyrite	5915	344.41-345.61	1.20	25	9	130	
	Felsic tuff - Laminated, white with strong silicification	Strong silicification, 10% quartz vein	3-4% disseminated pyrite	5916	352.40-353.27	0.87	15	12	30	
	Quartz vein - Vuggy with coarse biotite clots	60% quartz vein with silicification + sericite with biotite blebs	7-8% pyrite dissemination + clots	5917	356.55-357.45	0.90	20	16	148	

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From - To metres	Lithology	Alteration	Mineralization/ Sulphides/Structure/ Core Condition	Sample No.	Interval m	Length m	Cu ppm	Pb ppm	Zn ppm	Other ppm (ppb)
	Felsic tuff - Silicified zone with 40% biotite	Silicification with biotite	8% disseminated pyrite	5918	364.07-364.50	0.43	33	10	147	
365.30-369.50	Mafic tuff - Well laminated carbonate + chlorite at 80° to core axis, occasional carbonate altered remnant feldspar phenocrysts	Carbonate + chlorite	Average trace disseminated pyrite							
	Mafic tuff - Weakly silicified with 20% biotite laminations	Silicification with biotite to chlorite-carbonate	7% dissemination + veinlets of pyrite	5919	367.25-367.90	0.65	74	500	939	
	Mafic tuff - Well laminated chlorite + carbonate beds faulted and displaced to 45° to core axis	Chlorite-carbonate with 10% quartz veins	3-4% disseminated pyrite	5920	368.46-369.50	1.04	41	70	259	
369.50-372.85	Altered felsic tuff with sulphides-Siliceous matrix with intense biotite alteration as lamination 30-40%, lamination of quartz-sericite at 75° to core axis, (could be equivalent to Main Zone)	Strong biotite alteration to matrix with 10% late quartz veins	Average 6-7% pyrite dissemination, 1-3% pyrrhotite veinlets							
	Felsic tuff - Strongly biotite altered and silicified	Strong biotite with weak silicification	7-8% disseminated pyrite	5921	369.50-370.50	1.00	21	9	100	
	Felsic tuff - 70% biotite, 20% late quartz veins	Intense! biotite alteration	6-7% disseminated pyrite	5922	370.50-371.80	1.30	18	1	157	
	Felsic tuff - Well laminated at 80% to core axis with silicified matrix with strong sericitic matrix (typical Main Zone)	Strong silicification + sericite alteration, 4% late quartz veins	7-8% pyrite dissemination, 5% pyrrhotite veinlets	5923	371.80-372.85	1.05	35	17	41	

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From - To metres	Lithology	Alteration	Mineralization/ Sulphides/Structure/ Core Condition	Sample No.	Interval m	Length m	Cu ppm	Pb ppm	Zn ppm	Other ppm (ppb)
372.85-379.55	Mafic tuff - Well laminated carbonate + chlorite every 1-3 mm at 80° to core axis, occasional biotite rich bed	Chlorite + carbonate with occasional 10 cm biotite rich bed, 3% late quartz veins	Trace pyrite disseminated							
	Mafic tuff - Well laminated chlorite, carbonate	Chlorite-carbonate	2% disseminated pyrite	5924	372.85-373.69	0.84	78	1	66	
379.55-389.45	Argillite - Well laminated black siliceous argillite, bedding at 80° to core axis with rare siliceous felsic? bed 10 cm	5% late quartz veins	Average 5% disseminated pyrite							
389.45-401.30	Felsic tuff - Moderately siliceous, medium green, finely laminated sericite, fabric at 65° to core axis 395.50-398.18: Dark green, siliceous, massive chert bed	Weak sericite, moderately silicified, 7-8% late quartz veins	Trace disseminated pyrite							
401.30-406.42	Felsic tuff in healed fault zone - Felsic tuff with quartz veins and minor argillite in an intense fault zone with fabric at 45° to core axis, fragments subangular .5-2 cm with earlier quartz veining in fragments (dip to south suggested)	10% late quartz veins, predate fault, moderate sericite	Pyrite in matrix, disseminated							
	Felsic tuff with 20% argillite + 30% quartz veins, highly ground	30% quartz vein fragments, moderate sericite	6-7% pyrite disseminated in matrix	5925	401.30-402.43	1.13	109	36	82	

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From - To metres	Lithology	Alteration	Mineralization/ Sulphides/Structure/ Core Condition	Sample No.	Interval m	Length m	Cu ppm	Pb ppm	Zn ppm	Other ppm (ppb)
	Felsic tuff - Strongly ground, 5% argillite. NB: Fragments rotated, fault postdates foliation	30% subangular quartz fragments, moderate sericite	2-3% disseminated pyrite in matrix	5926	402.43-403.83	1.40	279	10	44	
	Felsic tuff - Strongly ground in fault	20% quartz fragments, moderate sericite	5-6% dissemination + blebs of pyrite in matrix	5927	403.83-405.00	1.17	250	18	32	
	Felsic tuff - Still highly ground	Moderate sericite, 25% quartz vein fragments	2-3% disseminated pyrite	5928	405.00-406.42	1.42	65	16	61	
406.52-407.52 End of Hole	Argillite + felsic tuff in healed fault, 50% argillite in matrix smeared + moderately graphitic, angular 1-10 cm felsic fragments with angular rotation, fabric at 40-60° to core axis	Moderately sericitic + graphitic, 20% quartz vein fragments	Trace disseminated pyrite							

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Project 01A
Mila

Length (m): 127.10 m
Dip : -80°
Azimuth : 340°
Core size : NQ
Casing : 6.10 m

Grid : B
Latitude : L16+00W
Departure : Stn 8+30S
Collar elev.: 900 m
Remarks :

Drilled : Jan 24-26/91
Contractor : Burwash
Logged by : G. Evans
Date logged: Jan 26-27/91

Hole No. : **M91-7**
Hole survey type: Acid
Depth : 127.10 m
Dip : -81°

From - To metres	Lithology	Alteration	Mineralization/ Sulphides/Structure/ Core Condition	Sample No.	Interval m	Length m	Cu ppb	Pb ppm	Zn ppm	Other ppm (ppb)
0-6.45	Overburden									
6.45-22.87	Felsic tuff with quartz porphyry flow - Well laminated sericite rich matrix with foliation at 65° to core axis	Very sericitic, 10% large late quartz veins								
	Felsic tuff	Strong sericite	Trace-1% very fine-grained, disseminated pyrite	5936	6.45-8.00	1.55	94	6	65	
	Felsic tuff	Strong sericite, minor silicification	2-3% coarse disseminated pyrite cubes	5937	8.00-9.75	1.75	43	7	61	
	Quartz vein - Milky white, late stage	95% quartz vein with minor muscovite	2% coarse pyrite blebs	5938	9.75-11.35	1.60	58	7	19	
	Felsic tuff - Rare quartz phenocrysts - flow?	Strong sericite	2-3% coarse disseminated pyrite cubes	5939	11.35-12.85	1.50	24	5	58	
	Felsic tuff or flow? - Rare quartz phenocrysts	Intense sericite, trace chlorite, rare biotite	3% disseminated medium-grained pyrite	5940	12.85-14.35	1.50	12	6	62	
	Felsic tuff - Medium grey, foliation at 70° to core axis	Moderate sericite, weak pervasive silicification	4-5% disseminated + blebs of pyrite	5941	14.35-15.63	1.28	14	1	67	
	Felsic tuff	Strong sericite	3-4% disseminated pyrite	5942	15.63-17.10	1.47	30	5	73	

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From - To metres	Lithology	Alteration	Mineralization/ Sulphides/Structure/ Core Condition	Sample No.	Interval m	Length m	Cu ppm	Pb ppm	Zn ppm	Other ppm (ppb)
	Felsic tuff - Well laminated	Strong sericite, 1% late quartz veins	3% disseminated pyrite	5943	17.10-18.60	1.50	17	5	59	
	Felsic tuff - Well laminated at 60° to core axis	Strong sericite, 1% late quartz veins	2-3% disseminated pyrite	5944	18.60-20.00	1.40	14	1	54	
	Felsic tuff - Well laminated	Strong sericite, weak silicification	3% disseminated pyrite cubes	5945	20.00-20.88	0.88	25	5	65	
	Felsic tuff - Only 70% recovery	Weak sericite, + silicification, 20% late quartz veins	1-2% disseminated pyrite, trace sphalerite in quartz vein	5946	20.88-22.87	1.99	27	16	85	
22.87-27.68	Limestone, argillite with felsic tuff - Well bedded limestone, 60% 10-20 cm beds with 20% argillite interbedded + minor siliceous felsic tuff beds, bedding at 60-80° to core axis, upper contact a fault zone, high angle faults show north blocks thrust up cms +	7% late quartz veins, weak sericite in felsic tuff	Trace pyrite							
	Limestone	3% late quartz veins	1-2% pyrite blebs, 1% pyrrhotite blebs	5947	26.68-27.68	1.00	47	79	567	
27.68-54.09	Felsic tuff with sulphides Felsic tuff - Siliceous moderate lamination, foliation at 65° to core axis	6% late quartz veins, weak sericite	20% fine-grained pyrrhotite veinlets parallel to foliation, 4-5% pyrite veinlets, trace disseminated chalcopyrite	5948	27.68-28.28	0.60	846	1	72	

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From - To metres	Lithology	Alteration	Mineralization/ Sulphides/Structure/ Core Condition	Sample No.	Interval m	Length m	Cu ppm	Pb ppm	Zn ppm	Other ppm (ppb)
	Felsic tuff	8% late quartz veins, veinlets	25% pyrrhotite veinlets, 1-2% pyrite, .5-1% disseminated chalcopyrite	5949	28.28-28.88	0.60	1269	1	109	
	Felsic tuff - 80% quartz vein	Moderate sericite	5-6% pyrrhotite veinlets, 1-2% pyrite blebs	5950	28.88-29.47	0.59	263	3	42	
	Felsic tuff - Well laminated at 80° to core axis	Moderate silica, weak sericite	5-6% pyrrhotite disseminated, trace chalcopyrite	5951	29.47-31.26	1.79	307	1	74	
	First 20 cm strong clay fault, felsic tuff	Chlorite-biotite, with some silicification	8% pyrite disseminated, trace chalcopyrite	5952	31.26-32.05	0.79	711	5	141	
	Felsic tuff - Chlorite + biotite lamination mixed with silica-sericite alteration, felsic stretched fragments	Chlorite, biotite, silica, sericite	20% pyrite blebs, 5-6% pyrrhotite veinlets	5953	32.05-32.79	0.74	999	16	183	
	Felsic tuff - Well laminated at 70° to core axis, moderate silica	Moderate silica, weak sericite with minor biotite	5-6% pyrite blebs, 3% pyrrhotite veinlets	5954	32.79-33.64	0.85	884	11	101	
	Felsic tuff - Well laminated chlorite + biotite to 34.12, then becomes more siliceous (34.12-34.66) a fault with broken rock	Chlorite, biotite with siliceous portions	6% pyrite blebs, 1-2% pyrrhotite veinlets	5955	33.64-34.66	1.02	360	6	83	
	Felsic tuff - Moderate silica	30% late quartz veins, with sericite, minor carbonate	3% pyrrhotite veinlets, 2-3% pyrite blebs	5956	34.66-35.62	0.96	586	13	133	207 Ni

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From - To metres	Lithology	Alteration	Mineralization/ Sulphides/Structure/ Core Condition	Sample No.	Interval m	Length m	Cu ppm	Pb ppm	Zn ppm	Other ppm (ppb)
	Felsic tuff - Well laminated, moderate silica	Siliceous with weak sericite	5-6% disseminated pyrite	5957	35.62-36.47	0.85	743	36	315	
	Quartz vein with sulphides - Breccia angular sulphide fragments in a quartz matrix	Quartz vein with minor chlorite fractures	30% pyrite blebs + dissemination, 4% pyrrhotite	5958	36.47-36.87	0.40	881	12	1253	
	Felsic tuff - Well laminated at 80° to core axis	Silica, with minor chlorite	7-8% pyrite veinlets + dissemination, 1-2% pyrrhotite veinlets	5959	36.87-37.62	0.75				
	37.52-37.72: Fault 10° to core axis with angular breccia fragments 1 cm									
	Felsic tuff - Well laminated	Moderate silica with sericite lamination weak	1% disseminated pyrite	5960	37.62-39.06	1.44	144	19	91	
	Felsic tuff with 60% late quartz vein	Quartz vein breccia with light green sericite? fragments, weak chlorite	20% pyrrhotite blebs + veinlets, 15% pyrite blebs, trace-.5% disseminated chalcopyrite	5961	39.06-39.83	0.77	651	36	87	
	Felsic tuff - Siliceous, well laminated	Moderate silica, weak sericite	5% pyrrhotite veinlets, trace chalcopyrite	5962	39.83-40.77	0.94	170	7	68	
	Felsic tuff - Siliceous, well laminated at 70° to core axis	Moderate silica, weak sericite	2% pyrrhotite veinlets, trace sphalerite	5963	40.77-41.69	0.92	61	7	63	

CME CONSULTING LTD. **Mila Project 01A** Logged by: GE Date: Jan 26-27/91 Hole No. **M91-7**

From - To metres	Lithology	Alteration	Mineralization/ Sulphides/Structure/ Core Condition	Sample No.	Interval m	Length m	Cu ppm	Pb ppm	Zn ppm	Other ppm (ppb)
	Felsic tuff - Chlorite rich with feldspar phenocrysts, carbonate altered	Chlorite + carbonate	5-6% pyrrhotite dissemination + veinlets	5964	41.69-42.28	0.59	180	1	81	315 Ni
	Felsic tuff - Well laminated, fragments? flattened	Moderate silica, weak sericite	5% pyrrhotite veinlets	5965	42.28-43.70	1.42	228	6	59	
	Felsic tuff - Strong silicification	20% late stage quartz veins with silicification, weak sericite	4% pyrrhotite veinlets	5966	43.70-44.84	1.14	85	7	82	
	Felsic tuff - Laminated with chlorite rich zones	Chlorite-biotite or quartz-sericite zones	2% pyrrhotite veinlets, 1% disseminated pyrite	5967	44.84-46.20	1.36	62	9	173	
	Felsic tuff - Moderate silica	Weak sericite	2% laminated pyrrhotite veinlets	5968	46.20-47.70	1.50	56	16	178	
	Felsic tuff - Weakly laminated	Moderate silica, weak sericite, chlorite, 3-4% quartz veinlets	2-3% pyrrhotite veinlets	5969	47.70-49.20	1.50	46	11	146	
	Felsic tuff - Poorly laminated	Moderate sericite, 3% late quartz veins	3-4% disseminated pyrrhotite	5970	49.20-50.70	1.50	110	6	174	
	Felsic tuff - Moderate lamination	Moderate silica, weak sericite	3-4% pyrrhotite veinlets	5971	50.70-51.80	1.10	99	5	93	
	Felsic tuff - Granular, laminated at 70° to core axis	Moderate sericite, weakly silicified	4-5% pyrrhotite veinlets	5972	51.80-52.90	1.10	158	5	130	

CME CONSULTING LTD. **Mila Project 01A** Logged by: GE Date: Jan 26-27/91 Hole No. **M91-7**

From - To metres	Lithology	Alteration	Mineralization/ Sulphides/Structure/ Core Condition	Sample No.	Interval m	Length m	Cu ppm	Pb ppm	Zn ppm	Other ppm (ppb)
	Felsic tuff - Granular	Weak sericite	4% pyrrhotite veinlets, 1-2% pyrite dissemination	5973	52.90-54.09	1.19	261	32	1333	
54.09-54.70	Argillite with felsic tuff - Well laminated at 60° to core axis	Weak silicification with minor sericite	Trace pyrrhotite veinlets	5974	54.09-54.70	0.61	130	389	723	
54.70-63.78	Felsic tuff - Well laminated, moderately siliceous felsic tuff, lamination at 70° to core axis	Moderate silica, weak sericite-biotite, 5% late quartz veins	Trace-1% pyrrhotite veinlets							
	Felsic tuff with 50% quartz vein	Weak sericite, moderate silification with late quartz veins	5% laminated pyrrhotite veinlets	5975	60.18-60.60	0.42	99	25	267	
63.78-68.25	Argillite with felsic tuff - Well laminated with 60% argillite and 40% felsic tuff in 2-20 cm beds, bedding at 70° to core axis	Weak sericite, trace carbonate	Trace disseminated pyrite							
68.25-85.54	Mafic tuff with limestone - 60% well laminated mafic tuff with 30% 10-100 cm grey granular limestone beds, minor chert and argillite beds, bedding at 70° to core axis	Chlorite-carbonate in mafics, 3-4% late stage quartz veins, occasional biotite rich beds								
	Well laminated limestone with minor felsics	Minor sericite + quartz	4% finely laminated pyrrhotite, 2% red sphalerite dissemination, parallel to lamination (syngenetic)	5976	68.25-68.45	0.20	134	95	6918	29 Cd

CME CONSULTING LTD. **Mila Project 01A** Logged by: GE Date: Jan 26-27/91 Hole No. **M91-7**

From - To metres	Lithology	Alteration	Mineralization/ Sulphides/Structure/ Core Condition	Sample No.	Interval m	Length m	Cu ppm	Pb ppm	Zn ppm	Other ppm (ppb)
85.54-97.10	Argillite with minor mafics + felsic tuff - 75% well laminated argillite with bedding at 75° to core axis, occasional .5-1.0 m bed of mafic or felsic tuff	Chlorite-carbonate (mafics), quartz-sericite (felsic), 2% late stage quartz veins								
	Felsic tuff - Well laminated	Quartz-sericite moderate, 10% late quartz veins, green sericite-talc	5% pyrrhotite veinlets + blebs	5977	85.73-85.95	0.22	178	13	245	247 Ni
97.10-105.17	Felsic tuff with quartz porphyritic felsic flow - Well laminated, very siliceous "cherty" felsic tuff with sericitic lamination at 70° to core axis 98.40-99.50: Siliceous lamination with sericitic matrix, with 40% light blue quartz eyes, 3-7 mm 102.60-105.17: Felsic tuff with increasing argillite component	Very siliceous with sericite lamination in matrix, 10% quartz veins, late stage	Trace pyrrhotite blebs + veinlets near quartz veins							
105.17-107.51	Argillite 105.17-105.96: Strong fault with very graphitic argillite as mud parallel to bedding, well laminated argillite with bedding at 80° to core axis	2% late quartz veins	Average 5% pyrite veinlets + blebs							
107.51-112.20	Quartz porphyritic felsic flow + felsic tuff	Moderate sericite, weak silicification	Trace pyrrhotite veinlets							

CME CONSULTING LTD. **Mila Project 01A** Logged by: GE Date: Jan 26-27/91 Hole No. **M91-7**

From - To metres	Lithology	Alteration	Mineralization/ Sulphides/Structure/ Core Condition	Sample No.	Interval m	Length m	Cu ppm	Pb ppm	Zn ppm	Other ppm (ppb)
	107.51-109.30: Well laminated, weak sericitic matrix with 10-30% quartz eyes 109.30-112.20: Felsic tuff, moderately sericitic lamination at 80° to core axis									
112.20-113.20	Mafic tuff - Well laminated 2-3 mm with chlorite + carbonate bands at 80° to core axis	Chlorite-carbonate, 4% late quartz quartz veins parallel to foliation								
113.20-116.50	Felsic tuff with quartz porphyritic flow - Well laminated, siliceous matrix with weak sericite 114.25-115.11: Siliceous quartz porphyry flow - Weakly laminated sericitic matrix at 80° to core axis with 20%, 5 mm light blue quartz phenocrysts, also 5% chlorite grains in matrix	Average 4% late quartz veins								
	Felsic tuff - Siliceous	30% late quartz veins with silicification, weak sericite	2% disseminated pyrite, 1% pyrrhotite veinlets	5978	115.01-116.14	1.13	71	23	168	
116.50-117.04	Mafic tuff - Weakly laminated, granular, chlorite rich grains in a carbonate matrix, fabric at 80° to core axis	Chlorite + carbonate								

CME CONSULTING LTD. **Mila Project 01A** Logged by: GE Date: Jan 26-27/91 Hole No. **M91-7**

From - To metres	Lithology	Alteration	Mineralization/ Sulphides/Structure/ Core Condition	Sample No.	Interval m	Length m	Cu ppm	Pb ppm	Zn ppm	Other ppm (ppb)
117.04-127.10 End of Hole	Felsic tuff - Well laminated, moderately siliceous matrix with occasional, moderately sericitic beds, beds 1-20 cm thick, bedding at 75° to core axis	Silica with weak sericite - 3-4% late quartz veins	Trace pyrrhotite veinlets							

CME CONSULTING LTD.

Project 01A
Mila

Length (m): 71.01 m
Dip : -45°
Azimuth : 340°
Core size : NQ
Casing : 6.10 m

Grid : B
Latitude : L16+00W
Departure : Stn 8+30S
Collar elev.: 900 m
Remarks :

Drilled : Jan 26-27/91
Contractor : Burwash
Logged by : G. Evans
Date logged: Jan 27-28/91

Hole No. : **M91-8**
Hole survey type: None

From - To metres	Lithology	Alteration	Mineralization/ Sulphides/Structure/ Core Condition	Sample No.	Interval m	Length m	Cu ppm	Pb ppm	Zn ppm	Other ppm (ppb)
0-6.70	Overburden									
6.70-18.80	Felsic tuff - Well laminated felsic tuff with foliation at 45° to core axis	Moderately sericitic, 3% late quartz veins								
	Felsic tuff - Well laminated	Moderately sericitic	2% fine-grained disseminated pyrrhotite	5979	6.70-8.20	1.50	10	12	25	
	Felsic tuff - Well laminated minor ankerite on fractures	Moderately sericitic, weakly siliceous	2% disseminated pyrite, trace pyrrhotite disseminated	5980	8.20-9.70	1.50	9	8	72	
	Felsic tuff - Well laminated with small folds	Moderate sericite, weak ankerite	2% disseminated pyrite	5981	9.70-11.20	1.50	19	4	90	355 Ba
	Felsic tuff - Well laminated at 60° to core axis	Moderate sericite, weak ankerite	2% disseminated pyrite	5982	11.20-12.70	1.50	15	6	62	
	Felsic tuff - Well laminated at 50° to core axis, more siliceous	Weak sericite, 5% late quartz veins, moderate ankerite	3% disseminated pyrite	5983	12.70-14.20	1.50	21	9	55	
	Felsic tuff - Well laminated with minor argillite, small scale fault offsets	Weak sericite, weak ankerite, 3% late quartz veins	1-2% disseminated pyrite	5984	14.20-15.70	1.50	54	5	96	
	Felsic tuff - Well laminated, moderately siliceous	Weak sericite, weak ankerite, 4% quartz veins with trace talc	2% disseminated pyrite	5985	15.70-17.20	1.50	51	10	131	

CME CONSULTING LTD. **Mila Project 01A** Logged by: GE Date: Jan 27-28/91 Hole No. **M91-8**

From - To metres	Lithology	Alteration	Mineralization/ Sulphides/Structure/ Core Condition	Sample No.	Interval m	Length m	Cu ppm	Pb ppm	Zn ppm	Other ppm (ppb)
	Felsic tuff - Well laminated at 45° to core axis, small limestone beds	3% late quartz veins, moderate sericite	3% pyrrhotite veinlets, 2% pyrite disseminated, trace sphalerite veinlets near quartz veins	5986	17.20-18.80	1.60	84	15	1059	
18.80-25.92	Limestone with mafic tuff - Well bedded limestone with minor argillite 70%, with 10-60 cm beds of mafic tuff, bedding at 45° to core axis	Chlorite-carbonate, 2% late quartz veins								
	Limestone and mafic tuff	Chlorite-carbonate - 2% late quartz veins	Trace disseminated pyrite in quartz veins	5987	24.92-25.92	1.00	72	138	249	
25.92-60.34	Felsic tuff with sulphides - "Main Zone" Felsic tuff	Moderate sericite, 3% late quartz veins	5% laminated pyrrhotite, 2% pyrite disseminated	5988	25.92-27.00	1.08	263	27	137	
	Felsic tuff	Moderate silica, with strong sericite, 5% late quartz vein fragments	20% pyrrhotite blebs + veinlets, trace chalcopyrite disseminated	5989	27.00-27.63	0.63	1107	72	215	
	Felsic tuff - Well laminated at 45° to core axis	Moderate sericite	5-6% pyrite blebs + veinlets, trace chalcopyrite disseminated	5990	27.63-28.20	0.57	313	54	1147	
	Felsic tuff - Well laminated at 45° to core axis	Moderate sericite, 2% late quartz veins	3% pyrrhotite veinlets	5991	28.20-29.70	1.50	314	11	81	

CME CONSULTING LTD. **Mila Project 01A** Logged by: GE Date: Jan 27-28/91 Hole No. **M91-8**

From - To metres	Lithology	Alteration	Mineralization/ Sulphides/Structure/ Core Condition	Sample No.	Interval m	Length m	Cu ppm	Pb ppm	Zn ppm	Other ppm (ppb)
	Felsic tuff - Well laminated at 45° to core axis	Weak sericite, weak chlorite, 5% late quartz veins	2% blebs + veinlets pyrrhotite, trace pyrite disseminated	5992	29.70-30.95	1.25	97	105	77	
	Felsic tuff - Well laminated at 55° to core axis	Strong silicification + sericite alteration	30% pyrrhotite veinlets, 2% chalcopyrite dissemination	5993	30.95-31.70	0.75	3033	98	90	
	Felsic tuff - Well laminated	Strong silicification, weak biotite	30% pyrrhotite veinlets, 2% pyrite blebs, 2% chalcopyrite disseminated	5994	31.70-32.34	0.64	4311	15	105	
	Felsic tuff - Well laminated at 60° to core axis	6% late quartz veins, strong silicification, weak sericite	8% pyrrhotite veinlets, 1% pyrite blebs, .5% chalcopyrite disseminated	5995	32.34-33.79	1.45	1935	4	88	
	Felsic tuff - Quartz breccia zone	Strong sericite, 20% quartz vein fragments	40% coarse pyrrhotite blebs, 5% pyrite blebs, 2% disseminated chalcopyrite	5996	33.79-34.10	0.31	4094	22	204	373 Co
	Felsic tuff - Well laminated at 50% to core axis	Moderate sericite	12% pyrrhotite veinlets, .5% disseminated chalcopyrite	5997	34.10-34.90	0.80	1857	7	182	179 Co
	Felsic tuff - Weakly laminated	30% quartz vein fragments + veins	40% matrix pyrrhotite, 3-4% chalcopyrite veinlets + dissemination	5998	34.90-35.26	0.36	9423	22	179	2.9 Ag, 156 Co

CME CONSULTING LTD. **Mila Project 01A** Logged by: GE Date: Jan 27-28/91 Hole No. **M91-8**

From - To metres	Lithology	Alteration	Mineralization/ Sulphides/Structure/ Core Condition	Sample No.	Interval m	Length m	Cu ppm	Pb ppm	Zn ppm	Other ppm (ppb)
	Felsic tuff - Well laminated	Intense sericite alteration, 10% late quartz veins parallel to foliation	10% pyrrhotite veinlets, trace chalcopyrite	5999	35.26-36.30	1.04	466	5	58	
	Felsic tuff - Well laminated at 45° to core axis	Intense sericite alteration, 2% late quartz veins	2-3% pyrrhotite veinlets	6000	36.30-37.80	1.50	237	1	59	
	Felsic tuff - Well laminated at 60° to core axis	Moderately siliceous, 3% late quartz veins	5% pyrrhotite veinlets, 5% pyrite blebs, trace chalcopyrite	3601	37.80-39.30	1.50	723	2	107	
	Felsic tuff - Well laminated "core zone"	Weak silica, weak chlorite, 5+% biotite lamination	6-7% pyrite blebs, 1% pyrrhotite veinlets	3602	39.30-40.80	1.50	409	1	186	
	Felsic tuff - Well laminated 41.33-41.67: Strong fault with clay gouge	Weak silica, chlorite with biotite lamination	2% pyrite dissemination, 1% pyrrhotite veinlets	3603	40.80-42.30	1.50	377	2	105	
	Felsic tuff - Well laminated	Weak silica, moderate chlorite with biotite lamination, 3% late quartz veins	2% disseminated pyrite cubes	3604	42.30-44.15	1.85	167	1	91	
	Felsic tuff - Well laminated at 45° to core axis	Moderate silica, weak sericite	4% disseminated pyrite, 3% pyrrhotite veinlets	3605	44.15-45.75	1.60	322	7	113	

CME CONSULTING LTD. **Mila Project 01A** Logged by: GE Date: Jan 27-28/91 Hole No. **M91-8**

From - To metres	Lithology	Alteration	Mineralization/ Sulphides/Structure/ Core Condition	Sample No.	Interval m	Length m	Cu ppm	Pb ppm	Zn ppm	Other ppm (ppb)
	Felsic tuff - Well laminated	Moderate silica, moderate sericite	25% pyrrhotite in matrix, 2% disseminated pyrite, .5% chalcopyrite disseminated	3606	45.75-46.21	0.46	1241	54	105	
	Felsic tuff - Well laminated	Moderate sericite, 6% late quartz veins	3-4% pyrrhotite veinlets + (blebs in quartz veins), trace chalcopyrite	3607	46.21-47.70	1.49	123	21	46	
	Felsic tuff - Well laminated at 45° to core axis	Moderate silica, weak sericite, 3% late quartz veins	1% pyrrhotite veinlets, trace chalcopyrite	3608	47.70-49.20	1.50	42	7	26	
	Felsic tuff - Well laminated	Moderate silica + sericite	2-3% pyrrhotite veinlets	3609	49.20-50.70	1.50	50	7	54	
	Felsic tuff - Well laminated	Moderate silica, weak sericite, 2% late quartz veins	1% pyrrhotite veinlets	3610	50.70-52.20	1.50	35	10	124	
	Mafic tuff - Granular chloritic zone parallel to foliation	Massive chlorite grains, 2-3% late quartz veins	1-2% pyrrhotite blebs, 1% disseminated galena?	3611	52.20-53.40	1.20	31	1	155	
	Felsic tuff - Well laminated	Moderate silica, 3% late quartz veins, strong sericite	1% pyrrhotite veinlets	3612	53.40-54.90	1.50	29	5	101	
	Felsic tuff - Well laminated at 45° to core axis	Moderate silica, moderate sericite, 1% late quartz veins	2% pyrrhotite veinlets	3613	54.90-56.40	1.50	64	2	150	

CME CONSULTING LTD. **Mila Project 01A** Logged by: GE Date: Jan 27-28/91 Hole No. **M91-8**

From - To metres	Lithology	Alteration	Mineralization/ Sulphides/Structure/ Core Condition	Sample No.	Interval m	Length m	Cu ppm	Pb ppm	Zn ppm	Other ppm (ppb)
	Felsic tuff - Well laminated	Moderate silica, moderate sericite, 2% late quartz veins	5-6% pyrrhotite veinlets	3614	56.40-57.90	1.50	194	5	110	
	Felsic tuff - Well laminated with minor argillite	Moderate silica, moderate sericite, 3% late quartz veins	2-3% pyrrhotite veinlets	3615	57.90-59.40	1.50	182	6	149	
	Felsic tuff - Well laminated	Moderate sericite, weak silica	2-3% pyrrhotite veinlets	3616	59.40-60.34	0.94	166	4	317	
60.34-62.20	Argillite with felsic tuff - Well laminated with 20% felsic tuff beds 1-20 cm, bedding at 50° to core axis	Moderate sericite in felsic tuff	Average 3% disseminated pyrite							
	Argillite and felsic tuff	Moderate sericite in felsic tuff	2% disseminated pyrite	3617	60.34-61.34	1.00	123	13	286	
62.20-71.01 End of Hole	Felsic tuff - Well laminated felsic tuff with rare 50 cm mafic tuff beds, siliceous matrix with sericite bands, bedding at 50° to core axis	3% late quartz veins, weak-moderate sericite, siliceous matrix	Trace pyrrhotite veinlets							
	60% quartz veins in felsic tuff	Moderate sericitic alteration + silicification	4-5% pyrrhotite blebs in quartz veins	3618	64.54-65.20	0.66	90	23	97	

CME CONSULTING LTD.

Project 01A
Mila

Length (m): 151.49 m
Dip : -65°
Azimuth : 355°
Core size : NQ
Casing : 6.10 m

Grid : A
Latitude : 5+00W
Departure : Stn 3+75S
Collar elev.: 1192 m
Remarks :

Drilled : Jan 28-30/91
Contractor : Burwash
Logged by : G. Evans
Date logged: Jan 29-30/91

Hole No. : **M91-9**
Hole survey type: Acid
Depth : 151.49
Dip : -69°

From - To metres	Lithology	Alteration	Mineralization/ Sulphides/Structure/ Core Condition	Sample No.	Interval m	Length m	Cu ppm	Pb ppm	Zn ppm	Other ppm (ppb)
0-6.63	Overburden									
6.63-60.75	Felsic tuff - Pale green, well laminated felsic tuff, 1 cm beds with 1-2 mm lamination at 60° to core axis. "Generally rock more broken."	Weak sericite								
	Felsic tuff - Occasional silicified beds, well laminated	Weak sericite	3% pyrrhotite veinlets + blebs, trace pyrite disseminated	3619	6.63-8.10	1.47	179	11	97	
	Felsic tuff - Silicified beds boudined, well laminated	Weak sericite	2% pyrrhotite veinlets, 1% pyrite disseminated	3620	8.10-9.60	1.50	278	10	108	
	Felsic tuff - Well laminated	Weak sericite	4-5% pyrrhotite veinlets parallel to foliation in silicified zones	3621	9.60-11.10	1.50	646	901	1821	
	Felsic tuff - Well laminated	Moderate sericite	2% disseminated pyrite	3622	11.10-12.60	1.50	99	59	100	
	Felsic tuff - Well laminated	Weak sericite, 2% late quartz veins	2% pyrrhotite veinlets	3623	12.60-14.10	1.50	82	17	55	
	Felsic tuff - Well laminated at 60° to core axis	Weak sericite + siliceous beds	6% pyrrhotite veinlets, 2% pyrite veinlets	3624	14.10-15.60	1.50	80	144	225	(40 Au)
	Felsic tuff - Beds more massive to 10-20 cm	Weak sericite	3% pyrrhotite veinlets	3625	15.60-17.10	1.50	41	1028	2883	

CME CONSULTING LTD. **Mila Project 01A** Logged by: GE Date: Jan 29-30/91 Hole No. **M91-9**

From - To metres	Lithology	Alteration	Mineralization/ Sulphides/Structure/ Core Condition	Sample No.	Interval m	Length m	Cu ppm	Pb ppm	Zn ppm	Other ppm (ppb)
	Felsic tuff - Very siliceous	Siliceous with 5% late quartz veins	4% disseminated + veinlet pyrite, 1% pyrrhotite blebs, trace sphalerite veinlets	3626	17.10-18.60	1.50	47	868	1647	6.3 Ag
	Felsic tuff - Very siliceous	Siliceous with weak sericite	2-3% disseminated pyrite, .5% red sphalerite veinlets trace galena in quartz veinlets	3627	18.60-20.10	1.50	46	1082	4689	24 Cd
	Felsic tuff - One-half weakly faulted, more sericite	Weak silica, weak sericite	3% pyrite disseminated, trace red sphalerite veinlets	3628	20.10-21.60	1.50	25	61	1078	
	Felsic tuff - Large siliceous beds, 30-40 cm	Moderate silica	3-4% pyrite beds + veinlets parallel to foliation	3629	21.60-23.10	1.50	39	81	241	
	Felsic tuff - Well laminated at 60° to core axis	Weak sericite, 2% late quartz veins	2% pyrite dissemination, 2% pyrrhotite veinlets	3630	23.10-24.60	1.50	36	82	77	
	Felsic tuff - Siliceous, weakly faulted coarse beds	Moderate silica, weak sericite	2-3% pyrite disseminated	3631	24.60-26.10	1.50	46	29	69	
	Felsic tuff - Moderately siliceous	Weak sericite	3% disseminated pyrite	3632	26.10-27.60	1.50	45	32	66	
	Felsic tuff - Finely laminated, weakly broken rock	Weak sericite	1-2% disseminated pyrite	3633	27.60-29.10	1.50	43	19	103	
	29.10-60.75: Felsic tuff becomes well laminated with greater sericite, bedding at 60° to core axis,	Weak sericite, 2% late quartz veins	Trace-1% pyrite disseminated cubes, trace pyrrhotite blebs							

CME CONSULTING LTD. **Mila Project 01A** Logged by: GE Date: Jan 29-30/91 Hole No. **M91-9**

From - To metres	Lithology	Alteration	Mineralization/ Sulphides/Structure/ Core Condition	Sample No.	Interval m	Length m	Cu ppm	Pb ppm	Zn ppm	Other ppm (ppb)
	rock weakly broken in a broad fault zone, rare 40-50 cm siliceous zone									
	Silicified felsic tuff around a late 40 cm quartz vein	Silicified selvages of quartz vein with chlorite on fractures	Average 6% disseminated pyrite	3634	46.04-47.71	1.67	24	15	126	
	Felsic tuff - Well laminated at 50° to core axis	Moderate sericite	Average 6% disseminated pyrite	3635	51.10-52.48	1.38	28	14	83	
60.75-75.88	Mafic tuff with minor argillite + felsic tuff - 60% carbonate + chlorite laminated mafic tuff with 30% felsic tuff beds .5-1.5 m thick and 10% 10-50 cm argillite beds, bedding at 70° to core axis 64.00-66.40: Moderate fault zone with broken rock and minor clay gouge	Mafics - chlorite, carbonate Felsics - quartz sericite, 2% late quartz veins	Average trace disseminated pyrite							
	Mafic tuff with carbonate rich beds at 70° to core axis	Chlorite-carbonate with minor sericite	5% pyrrhotite veinlets parallel to lamination	3636	67.30-68.60	1.30	69	316	635	
	Felsic tuff - Well laminated	Weak sericite	6-7% pyrrhotite veinlets	3637	68.60-69.30	0.70	77	19	74	
	Felsic tuff - Well laminated	Moderate sericite, 3% late quartz veins	3-4% pyrrhotite veinlets	3638	75.22-75.88	0.66	24	16	72	

CME CONSULTING LTD. **Mila Project 01A** Logged by: GE Date: Jan 29-30/91 Hole No. **M91-9**

From - To metres	Lithology	Alteration	Mineralization/ Sulphides/Structure/ Core Condition	Sample No.	Interval m	Length m	Cu ppm	Pb ppm	Zn ppm	Other ppm (ppb)
75.88-86.26	Argillite - Black, moderately-strongly graphitic, well laminated with siltstone and a 50 cm felsic tuff bed, bedding at 65° to core axis	Moderate-strong graphite, weak sericite in felsic tuff, 2% late quartz veins	Average 3% coarse, disseminated pyrite cubes							
	Felsic tuff with argillite - Well laminated	Weak sericite	4% pyrrhotite veinlets, 2% pyrite disseminated	3639	78.88-79.62	0.74	75	55	87	
	79.62-86.26: Intense fault zone, at 20-30° to core axis, with strong graphite component	3% late quartz veins, pre-faulting	5% disseminated pyrite							
86.26-89.38	Felsic tuff - Well laminated at 60° to core axis, moderately siliceous with lamination every 2-3 mm	Weak sericite, 4% late quartz veins	Trace pyrrhotite veinlets							
89.38-92.77	Limestone with argillite - Well laminated granular limestone beds, 2-20 cm with 20% argillite beds 1-2 cm, bedding at 45° to core axis	4% late cross-cutting quartz veins	Trace pyrite disseminated							
92.77-99.98	Felsic tuff - Light brown, well laminated felsic tuff with siliceous matrix, laminated 30-60° to core axis folding	30% late stage quartz vein flooding, weak sericite, weak pervasive biotite	3% coarse, 1-2 cm pyrite blebs in quartz veins							
	Quartz vein - Weak sericite on selvage		6% coarse pyrite blebs	3640	95.22-95.62	0.40	20	16	35	
	Felsic tuff - Intense silicification by quartz veins	30% quartz veins	3-4% pyrite disseminated + coarse blebs in coarse veins	3641	95.62-96.51	0.89	29	12	53	

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99.98-101.01	Argillite - Massive, moderately siliceous, black, poorly laminated at 60° to core axis	1% late cross-cutting quartz veins								
101.01-109.80	Felsic tuff - Quartz porphyritic flow? - Siliceous, dark green matrix with biotite rich laminations with 2-3% quartz phenocrysts, poorly laminated at 75° to core axis	2% late quartz veins, biotite rich zones 6-7%								
109.80-120.75	Felsic tuff with limestone - Fine-grained, well laminated, silica-sericite felsic tuff with 15% 10-20 cm limestone beds, bedding at 50° to core axis, rare chlorite rich mafic zone	4% late quartz veins, beds of felsic tuff, weak-moderate sericite alteration, 5% medium brown biotite rich lamination	Trace pyrrhotite veinlets							
	Felsic tuff	40% late quartz vein	5% pyrrhotite blebs in quartz vein, 2% pyrite disseminated	3642	118.52-119.07	0.55	229	10	34	
	Felsic tuff - Well laminated	3% late quartz veins	1% pyrite disseminated	3643	120.10-120.75	0.65	53	8	60	
120.75-126.50	Felsic tuff and quartz feldspar porphyritic flow with sulphides - In general, medium brown, well laminated felsic tuff or crowded porphyritic quartz feldspar porphyry flow, + small 10-20 cm beds of argilite, chert and limestone	1% late quartz veins, medium brown colour due to biotite	Variable (see sample description)							

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	Quartz porphyritic flow - Green sericite matrix, well laminated at 55° to core axis	2% late quartz veins, moderate sericite	1% pyrrhotite veinlets	3644	120.75-121.97	1.22	61	1	88	
	Felsic tuff and limestone - Moderate sericite, well laminated	Moderate sericite	6-7% pyrite disseminated, 1% pyrrhotite veinlets	3645	121.97-123.05	1.08	53	47	56	
	Quartz feldspar porphyritic flow - Medium brown, folded	30% late quartz vein with talc selvages, medium brown with biotite	6-7% pyrite disseminated, 2-3% pyrrhotite veinlets + dissemination	3646	123.05-123.74	0.69	66	18	29	
	Quartz feldspar porphyritic flow with minor felsic tuff, laminated at 60° to core axis	Medium brown	8-9% disseminated pyrite	3647	123.74-125.25	1.51	58	18	40	
	Quartz feldspar porphyritic flow - Minor tuff	Medium brown biotite disseminated	7-8% disseminated pyrite	3648	125.25-126.50	1.25	62	1	42	
126.50-151.49	Felsic tuff with sulphides - Well laminated sericitic felsic tuff with minor argillite, lamination at 70° to core axis	Weak-moderate sericite, 1-2% late quartz veins	See below							
	Felsic tuff - Well laminated	Weak sericite	6-7% pyrrhotite lamination, 1-2% disseminated pyrite	3649	126.50-127.18	0.68	85	33	53	
	Argillite, limestone, felsic tuff- Well laminated at 80° to core axis	Weak sericite	5% disseminated pyrite	3650	127.18-127.90	0.72	127	261	696	
	Felsic tuff - Weakly laminated	Weak sericite	2% disseminated pyrite	3651	127.90-129.40	1.50	47	15	75	

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	Felsic tuff - Laminated at 80° to core axis	Moderate sericite, 2% late quartz veins	1% disseminated pyrite	3652	129.40-130.90	1.50	32	13	74	
	Felsic tuff - Moderate lamination, minor argillite with load cast - tops downhole?	Moderate silica, weak sericite	4% disseminated pyrite, 1% pyrrhotite veinlets	3653	130.90-132.65	1.75	42	71	56	
	Felsic tuff - Well laminated at 75° to core axis	Moderate sericite	5% disseminated magnetite, trace disseminated pyrite	3654	132.65-133.73	1.08	28	14	26	
	Felsic tuff - Well laminated	Moderate sericite	2% disseminated pyrite, 1% disseminated magnetite	3655	133.73-135.60	1.87	37	13	45	
	Felsic tuff - Well laminated at 65° to core axis	Moderate silica, weak sericite	9% disseminated pyrite parallel to foliation	3656	135.60-137.00	1.40	62	75	78	36 Mo, (60 Au)
	Felsic tuff - Well laminated	Moderate sericite, 1% late quartz veins	8-9% disseminated pyrite, trace galena in quartz vein	3657	137.00-138.50	1.50	65	162	500	
	Felsic tuff - Well laminated at 60° to core axis	Weak sericite, weak silica	8-9% disseminated pyrite	3658	138.50-140.00	1.50	30	109	90	
	Felsic tuff - Well laminated	Moderate silica, brown with biotite, 2% late quartz veins	5-6% disseminated pyrite	3659	140.00-141.50	1.50	35	245	277	60 Mo
	Felsic tuff - Well laminated at 70° to core axis	Moderate silica, brown with biotite	4-5% disseminated pyrite	3660	141.50-143.00	1.50	34	80	94	

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	Felsic tuff - Well laminated	Strong silicification, light brown with biotite	2-3% disseminated pyrite	3661	143.00-144.50	1.50	25	259	343	
	Felsic tuff - Well laminated at 80° to core axis	Moderate sericite, light brown biotite disseminated	7-8% disseminated pyrite	3662	144.50-145.39	0.89	143	165	123	31 Mo, (220 Au)
	Felsic tuff - Well laminated	Weak silicification, weak sericite	3-4% disseminated pyrite	3663	145.39-146.85	1.46	140	209	160	31 Mo
	146.85-151.49: Well laminated at 60-70° to core axis, sericite lamination in a siliceous matrix	Moderate silica, with brown biotite disseminated	1-2% disseminated pyrite							
151.49 End of Hole										