3/88 87-319-16097

MPH

REPORT ON PHASES I, II AND III GEOLOGY, GEOCHEMISTRY, GEOPHYSICS AND DIAMOND DRILLING ON THE

COW PROPERTY 3/88

VICTORIA MINING DIVISION, B.C.
NTS 92C/16E AND 92B/13W
48° ~~54'~~ 53.8' N LATITUDE 124° ~~01'~~ 00.6' W LONGITUDE
FOR

Operator: INTERNATIONAL CHEROKEE DEVELOPMENTS LTD.

FEBRUARY 27, 1987

G. ALLEN, P.Geol.

Owner(s): Angle Resources Ltd.
JBL Resources Ltd.

PART 1 OF 3

41418 - 474.

GOLD COMMISSIONER
RECEIVED and RECORDED
MAR - 3 1987
VICTORIA, B.C.

Province of British Columbia Ministry of Energy, Mines and Petroleum Resources
MINERAL RESOURCES DIVISION — TITLES BRANCH

MINERAL ACT

STATEMENT OF EXPLORATION AND DEVELOPMENT

I, Gordon J. Allen (Name)
2475 Jackson Valley Road, (Address)
R.R. # 1, Duncan, B.C.
V9L 1M3 (Postal Code) 746-7694 (Telephone Number)
Valid subsisting F.M.C. No. 279524

Agent for International Cherokee Developments Ltd. (Name)
#402 - 1208 Wharf Street (Address)
Victoria, B.C.
V8W 3B9 (Postal Code) 388-6258 (Telephone Number)
Valid subsisting F.M.C. No. 279489 (INT-CHD)

STATE THAT

1. I have done, or caused to be done, work on the COW 12, 13, 14, 15, 16 (COW GROUP) Claim(s)
Record No(s). 1444(3), 1445(3), 1446(3), 1447(3), 1483(4)
Situate at Chemainus River in the Victoria Mining Division,
to the value of at least 73,176.09 dollars. Work was done from the 21st day
of September 19 86 to the 23rd day of February 19 87

2. The following work was done in the 12 months in which such work is required to be done:

[COMPLETE APPROPRIATE SECTION(S) A, B, C, D, FOLLOWING]

A. PHYSICAL (Trenches, open cuts, adits, pits, shafts, reclamation, and construction of roads and trails.)
(Give details as required by section 13 of regulations.)

	COST
A COPY OF THIS STATEMENT MUST BE SUBMITTED WITH EACH REPORT. REPORTS MUST BE RECEIVED ON OR BEFORE _____ IF YOUR REPORTS HAVE BEEN SUBMITTED, RETURN THIS STATEMENT WITH THE FOLLOWING INFORMATION REPORT TITLE: _____ REPORT SUBMITTED TO: _____ DATE REPORT SUBMITTED: _____	
TOTAL PHYSICAL	

I wish to apply $ _____ of physical work to the claims listed below.
(State number of years to be applied to each claim, its month of record, and identify each claim by name and record number.)

B. PROSPECTING (Details in report submitted as per section 9 of regulations.)
(The itemized cost statement must be part of the report.)

COST

I wish to apply $ _____ of this prospecting work to the claims listed below.
(State number of years to be applied to each claim, its month of record, and identify each claim by name and record number.)

(For C and D sections, please turn over.)

C. DRILLING (Details in report submitted as per section 8 of regulations.) (The itemized cost statement must be part of the report.)	COST
	8,565.25

D. GEOLOGICAL, GEOPHYSICAL, GEOCHEMICAL (Details in report submitted as per section 5, 6, or 7 of regulations.) (The itemized cost statement must be part of the report.) (State type of work in space below.)	
Geological costs on drill program	7,192.22
Geological Mapping, Geochem, Geophysics	55,060.99
Partial report preparation Cost	2,357.63
TOTAL OF C AND D	73,176.09

Where the above statement requires a technical report as per section C of the Mineral Act Regulations, the author of the report shall complete both copies of the ASSESSMENT REPORT TITLE PAGE AND SUMMARY form and include the completed forms in the assessment reports.

Who was the operator (provided the financing)?

Name International Cherokee Developments Ltd.

Address #402 -1208 Wharf Street

Victoria, B.C. V8W 3B9

Portable Assessment Credits (PAC) Withdrawal Request Amount to be withdrawn from owner(s) or operator(s) account(s): Name of Owner/Operator	AMOUNT
[May be no more than 30 per cent of value of the approved work submitted as assessment work in C and (or) D.] 1. 2. 3.	
TOTAL WITHDRAWAL	
TOTAL OF C AND (OR) D PLUS PAC WITHDRAWAL	

I wish to apply $ ~~39,900~~ 5700 of this work to the claims listed below.

(State number of years to be applied to each claim, its month of record, and identify each claim by name and record number.)

1418-435	COW 12	1444(3)-18 Units	1yr @ 100 + ~~5 @ 200~~ =	~~19,800~~	1800	JA
1436-444	COW 13	1445(3)- 9 Units	1yr @ 100 + ~~5 @ 200~~ =	~~9,900~~	900	JA
1445-456	COW 14	1446(3)-12 Units	1yr @ 100 + ~~5 @ 200~~ =	~~13,200~~	1200	JA
1457-465	COW 15	1447(3)- 9 Units	1yr @ 100 + ~~5 @ 200~~ =	~~9,900~~	900	JA
1466-474	COW 16	1483(4)- 9 Units	1yr @ 100 + ~~5 @ 200~~ =	~~9,900~~	900	JA
			Total	~~62,700~~	5700	JA

Value of work to be credited to portable assessment credit (PAC) account(s). [May only be credited from the approved value of C and (or) D not applied to claims.]

Name of owner/operator	Name	AMOUNT
	1. International Cherokee Developments Ltd.	~~$10,476.09~~
	2.	67,476.09 JA
	3.	

I, the undersigned Free Miner, hereby acknowledge and understand that it is an offence to knowingly make a false statement or provide false information under the *Mineral Act*. I further acknowledge and understand that if the statements made, or information given, in this Statement of Exploration and Development are found to be false and the exploration and development has not been performed, as alleged in this Statement of Exploration and Development, then the work reported on this statement will be cancelled and the subject mineral claim(s) may, as a result, forfeit to and vest back to the Province.

Gordon J. Alle...

Signature of Applicant

42114- 683.

Province of British Columbia Ministry of Energy, Mines and Petroleum Resources
MINERAL RESOURCES DIVISION — TITLES BRANCH

MINERAL ACT

STATEMENT OF EXPLORATION AND DEVELOPMENT

GOLD COMMISSIONER
RECEIVED and RECORDED
MAR -5 1987
M.R. # 341276
VICTORIA, B.C.

I, GORDON J. ALLEN (Name)
~~International Cherokee Developments Ltd.~~
301- 409 GRANVILLE ST. (Address)
~~#402 - 1208 Wharf Street~~
VANCOUVER, B.C.
~~Victoria, B.C.~~
V6C 1T2 687-7938
~~V8W 3B9 388-6258~~
(Postal Code) (Telephone Number)
279524 (ALLEGI)
~~279489 (INT CHD)~~
Valid subsisting F.M.C. No.

Agent for Angle Resources Ltd. (Name)
c/o 402 - 1208 Wharf Street (Address)
Victoria, B.C.
V8W 3B9 388-6258
(Postal Code) (Telephone Number)
Valid subsisting F.M.C. No. 296726

STATE THAT

1. I have done, or caused to be done, work on the COW 12,13,14,15,16 (COW GROUP) Claim(s)

Record No(s). 1444(3), 1445(3), 1446(3), 1447(3), 1483(4).

Situate at Chemainus River in the Victoria Mining Division,

to the value of at least 73,176.09 dollars. Work was done from the 21st day

of September 19 86 to the 23rd day of February 19 87.

2. The following work was done in the 12 months in which such work is required to be done:

[COMPLETE APPROPRIATE SECTION(S) A, B, C, D, FOLLOWING]

A. PHYSICAL (Trenches, open cuts, adits, pits, shafts, reclamation, and construction of roads and trails.)

(Give details as required by section 9 of regulations.)

A COPY OF THIS STATEMENT MUST BE SUBMITTED WITH EACH REPORT. REPORTS MUST BE RECEIVED ON OR BEFORE June 4/87

IF YOUR REPORTS HAVE BEEN SUBMITTED, RETURN THIS STATEMENT WITH THE FOLLOWING INFORMATION

REPORT TITLE: _____

REPORT SUBMITTED TO: _____

DATE REPORT SUBMITTED: _____

	COST
TOTAL PHYSICAL	

I wish to apply $ _____ of physical work to the claims listed below.

(State number of years to be applied to each claim, its month of record, and identify each claim by name and record number.)

B. PROSPECTING (Details in report submitted as per section 9 of regulations.)
(The itemized cost statement must be part of the report.)

COST

I wish to apply $ _____ of this prospecting work to the claims listed below.

(State number of years to be applied to each claim, its month of record, and identify each claim by name and record number.)

(For C and D sections, please turn over.)

C. DRILLING (Details in report submitted as per section 8 of regulations.) (The itemized cost statement must be part of the report.)	COST
	8,565.25
D. GEOLOGICAL, GEOPHYSICAL, GEOCHEMICAL (Details in report submitted as per section 5, 6, or 7 of regulations.) (The itemized cost statement must be part of the report.) (State type of work in space below.)	
Geological costs on drill program	7,192.22
Geological Mapping, Geochem, Geophysics	55,060.99
Partial report preparation Cost	2,357.63
TOTAL OF C AND D	73,176.09

Where the above statement requires a technical report as per section C of the Mineral Act Regulations, the author of the report shall complete both copies of the ASSESSMENT REPORT TITLE PAGE AND SUMMARY form and include the completed forms in the assessment reports.

Who was the operator (provided the financing)?

Name International Cherokee Developments Ltd.

Address #402 - 1208 Wharf Street

Victoria, B.C. V8W 3B9

Portable Assessment Credits (PAC) Withdrawal Request	AMOUNT
Amount to be withdrawn from owner(s) or operator(s) account(s): Name of Owner/Operator	
[May be no more than 30 per cent of value of the approved work submitted as assessment work in C and (or) D.] 1.	
2.	
3.	
TOTAL WITHDRAWAL	
TOTAL OF C AND (OR) D PLUS PAC WITHDRAWAL	

I wish to apply $ 57,000 of this work to the claims listed below. (5700 Claimed March 3, 1987)

(State number of years to be applied to each claim, its month of record, and identify each claim by name and record number.)

COW 12	1444(3)-18 Units	5 yr. + 1800 credit @ 200 per yr.	=	18,000	42114 - 293
COW 13	1445(3)- 9 Units	5 yr. + 900 yr. @ 200 per yr.	=	9,000	42294 - 387
COW 14	1446(3)-12 Units	5 yr. + 1200 yr. @ 200 per yr.	=	12,000	42384 - 507
COW 15	1447(3)- 9 Units	5 yr. + 900 yr. @ 200 per yr.	=	9,000	42504 - 597
COW 16	1483(4)- 9 Units	5 yr. + 900 yr. @ 200 per yr.	=	9,000	42594 - 683

Value of work to be credited to portable assessment credit (PAC) account(s). Total $ 57,000
[May only be credited from the approved value of C and (or) D not applied to claims.]

Name of owner/operator	Name	AMOUNT
1.	International Cherokee Developments Ltd.	10,476.09
2.		
3.		

I, the undersigned Free Miner, hereby acknowledge and understand that it is an offence to knowingly make a false statement or provide false information under the *Mineral Act*. I further acknowledge and understand that if the statements made, or information given, in this Statement of Exploration and Development are found to be false and the exploration and development has not been performed, as alleged in this Statement of Exploration and Development, then the work reported on this statement will be cancelled and the subject mineral claim(s) may, as a result, forfeit to and vest back to the Province.

Gordon J. Allen

Signature of Applicant

SUMMARY

An integrated exploration program (Phases I, II and III) was conducted on the Cow property in 1986 and 1987 by MPH Consulting Limited on behalf of International Cherokee Developments Limited. The program consisted of geological mapping, prospecting, rock sampling, soil sampling, geophysical surveys and diamond drilling.

The Cow property is predominantly underlain by rocks of the Paleozoic Sicker Group; specifically pyroclastics and sediments of the McLaughlin Ridge and Cameron River Formations (formerly mapped as Myra Formation and Sediment-Sill Unit). These rocks have been intruded by Triassic gabbro possibly correlative with the Karmutsen Formation, and Jurassic quartz diorite of the Island Intrusions.

During regional mapping at a scale of 1:10,000, three areas of interest were identified. Flagged grids A through C were subsequently established in these areas.

The **A Grid** lies on the south side of the Chemainus River. Geological mapping (1:2500), soil geochemistry, and VLF-EM surveys were conducted on the grid.

The area is underlain by pyrrhotite-bearing (3-5%), tightly folded, west-northwest trending pyroclastic and sedimentary rocks of the McLaughlin Ridge Formation. An east-west trending 5 to 20 cm quartz-carbonate vein was discovered adjacent to a gabbroic dyke. The Vein is well mineralized with pyrite, and lesser amounts of pyrrhotite, galena, sphalerite and chalcopyrite. Vein material has consistently highly elevated gold values; the highest assay being 13.03 g/t or 0.380 oz/T over a 5 cm sample width (14024).

The vein was trenched and later tested with two short drill holes. Vein widths are persistent to depth, and samples returned weakly to moderately elevated gold values.

A VLF-EM survey conducted on the A Grid outlined the two limbs of a folded argillite unit and delineated the granodiorite-pyroclastic contact. It did not detect any conductive feature associated with the mineralized vein.

The soil geochemistry survey outlined two zones of metal-in-soil anomalies in the area of the gabbroic intrusive. The mineralized shear-vein zone trends into one of these anomalies but appears not to be directly related to it.

The **B Grid** lies on the north side of the Chemainus River and on strike with a ferruginous chert horizon being tested on an adjacent property. Geological mapping (1:2500), soil geochemistry, magnetic and VLF-EM surveys were conducted on the grid.

Northwest-trending, fine-grained sedimentary rocks of the Cameron River Formation underlie most of the B Grid area. A few pyrite and chalcopyrite bearing shear zones adjacent to gabbroic intrusives carry weakly elevated gold values, and up to 28.0 ppm silver (approximately 0.8 oz/T).

A magnetic survey conducted on the grid outlined only weak, impersistent features, most of which are associated with intrusive rocks.

The northwest and southeast parts of the grid were covered with a VLF-EM survey. Of four conductors outlined only one in the northwest sector appears to be significant. This east-west trending feature strikes obliquely to stratigraphy and is likely

fault related.

Anomalies outlined in the soil geochemistry survey are generally weak and sporadic. The strongest anomalies appear to lie along the flanks of gabbroic intrusives and may be related to small mineralized shears.

The **C Grid** lies to the east of the B Grid in an area cut by several small, sporadically mineralized shear zones. Geological mapping (1:2500), soil geochemistry and magnetic surveys were conducted on the grid.

Argillite, phyllite and siltstone of the Cameron River Formation underlie most of the grid area. Shear zones croscutting these rocks commonly contain a few percent of pyrite and chalcopyrite, and elevated gold, copper, zinc and other metal values.

Metal-in-soil anomalies appear to outline a mineralized shear or series of shear zones.

The magnetic survey outlined no anomalous features.

On the basis of the reasonably encouraging results of the program, further work is recommended in the A and B Grids area.

In the A Grid area, more geological mapping, a magnetic survey and possibly a biogeochemical survey are warranted to help delineate mineralized structures. More diamond drilling is also needed to further test the known, gold-bearing shear-vein zone.

On the B grid, an expanded VLF-EM survey and trenching are recommended to test possible fault zones adjacent to a gabbroic intrusive.

This program is estimated to cost approximately $90,000.

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APPENDICES

LIST OF ILLUSTRATIONS

PLATES - IN VOLUMES II AND III

A AND B (WEST HALF) GRIDS

B (EAST HALF) AND C GRIDS

1.0 INTRODUCTION

This report on the Cow property (Cow 12, 13, 14, 15 and 16 claims) has been prepared by MPH Consulting Limited at the request of International Cherokee Developments Limited. Three phases of mineral exploration work are covered by this report.

Phases I and II involved geological mapping at scales of 1:10,000 and 1:2500; rock, soil and silt sampling; VLF-EM and magnetic surveys; and trenching. This work was done between September 21, 1986 and January 3, 1987.

Phase III involved a 99 m diamond drilling program carried out between January 13 and January 17, 1987.

All work was performed by or under the supervision of MPH Consulting Limited staff.

2.0 PROPERTY LOCATION, ACCESS, TITLE

The Cow property is located in the Chemainus River valley approximately 27 km northwest of the city of Duncan on Vancouver Island, British Columbia (Figure 1). The property is in the Victoria Mining Division, on NTS sheets 92C/16E and 92B/13W and centred at approximately 124°01' W longitude, 48°54' N latitude (Figure 2).

Access to the property is via MacMillan Bloedel's all weather Copper Canyon Main road from Chemainus. Smaller logging roads provide good access to much of the property although many of these are blocked to vehicle traffic.

The Cow property consists of five mineral claims totalling 57 units, as summarized below:

CLAIM	RECORD NUMBER	UNITS	ANNIVERSARY DATE	YEAR REGISTERED
Cow 12	1444 (3)	18	March 6, 1993	1985
Cow 13	1445 (3)	9	March 6, 1993	1985
Cow 14	1446 (3)	12	March 6, 1993	1985
Cow 15	1447 (3)	9	March 6, 1993	1985
Cow 16	1483 (3)	9	April 16, 1993	1985

The claims were grouped as the Cow Group on November 5, 1986.

Angle Resources Ltd. (formerly J.B.L. Resources Ltd.) and Nexus Resource Corporation each own 25% of the Cow property. International Cherokee Developments Limited has earned 50% interest in the property by virtue of the "Cherokee Agreement", dated February 25, 1986.

INTERNATIONAL CHEROKEE DEVELOPMENTS LIMITED

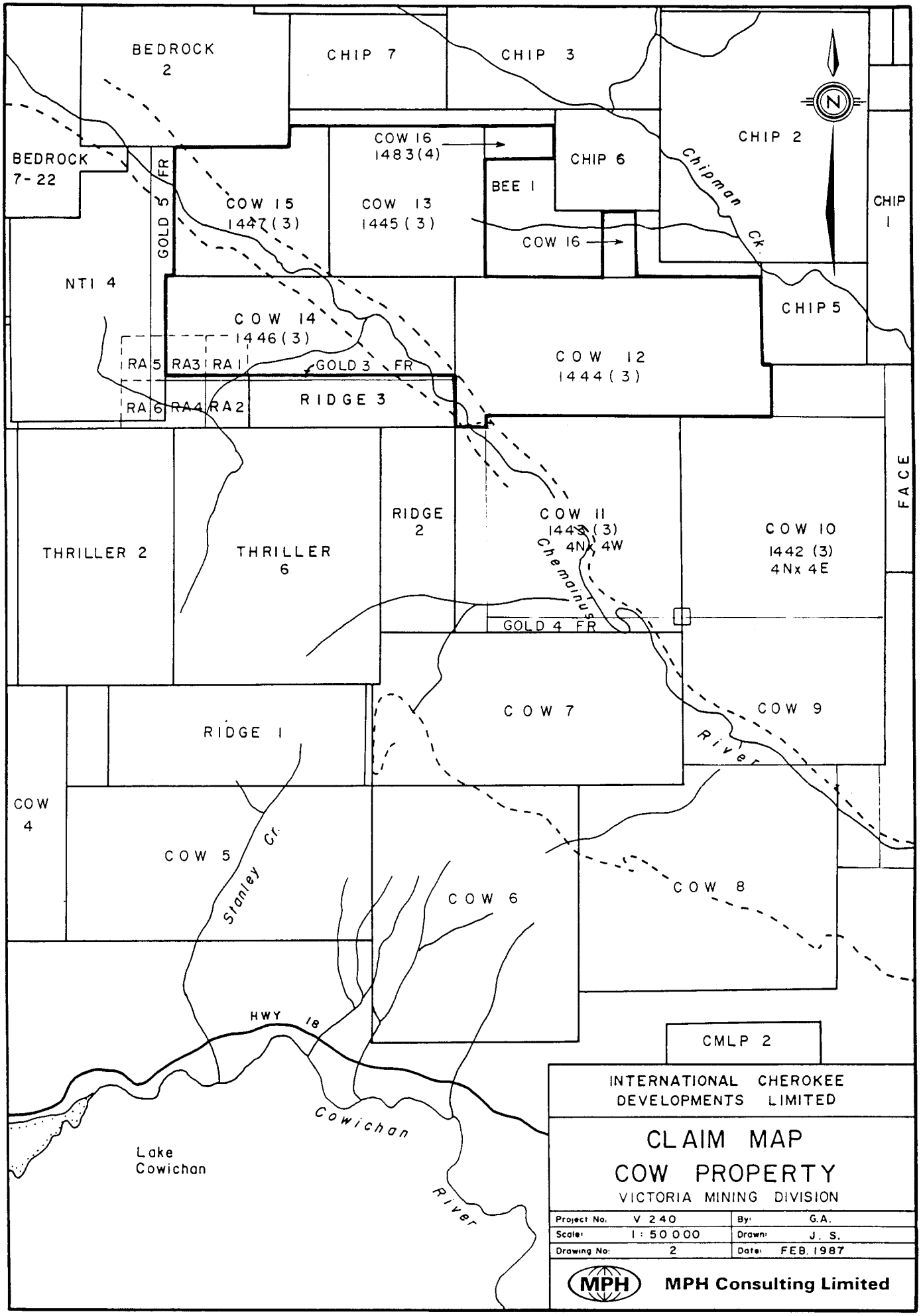
GENERAL LOCATION MAP

COW PROPERTY

VICTORIA MINING DIVISION

Project No:	V 240	By:	G.A.
Scale:	1 : 8 000 000	Drawn:	J. S.
Drawing No:	1	Date:	FEB. 1987

MPH Consulting Limited


BEDROCK 2
CHIP 7
CHIP 3
CHIP 2
N
BEDROCK 7-22
GOLD 5 FR
COW 16 1483(4)
CHIP 6
BEE 1
Chipman Ck.
CHIP 1
COW 15 1447(3)
COW 13 1445(3)
COW 16
NTI 4
COW 14 1446(3)
CHIP 5
RA 5 RA 3 RA 1
GOLD 3 FR
COW 12 1444(3)
RA 6 RA 4 RA 2
RIDGE 3
FACE
THRILLER 2
THRILLER 6
RIDGE 2
COW 11 1443(3) 4Nx 4W
COW 10 1442 (3) 4Nx 4E
Chemainus
GOLD 4 FR
RIDGE 1
COW 7
COW 9
River
COW 4
COW 5
Stanley Cr.
COW 6
COW 8
HWY 18
Cowichan
Lake Cowichan
River
CMLP 2
INTERNATIONAL CHEROKEE DEVELOPMENTS LIMITED
CLAIM MAP
COW PROPERTY
VICTORIA MINING DIVISION
Project No: V 240
By: G.A.
Scale: 1 : 50 000
Drawn: J. S.
Drawing No: 2
Date: FEB. 1987
MPH
MPH Consulting Limited

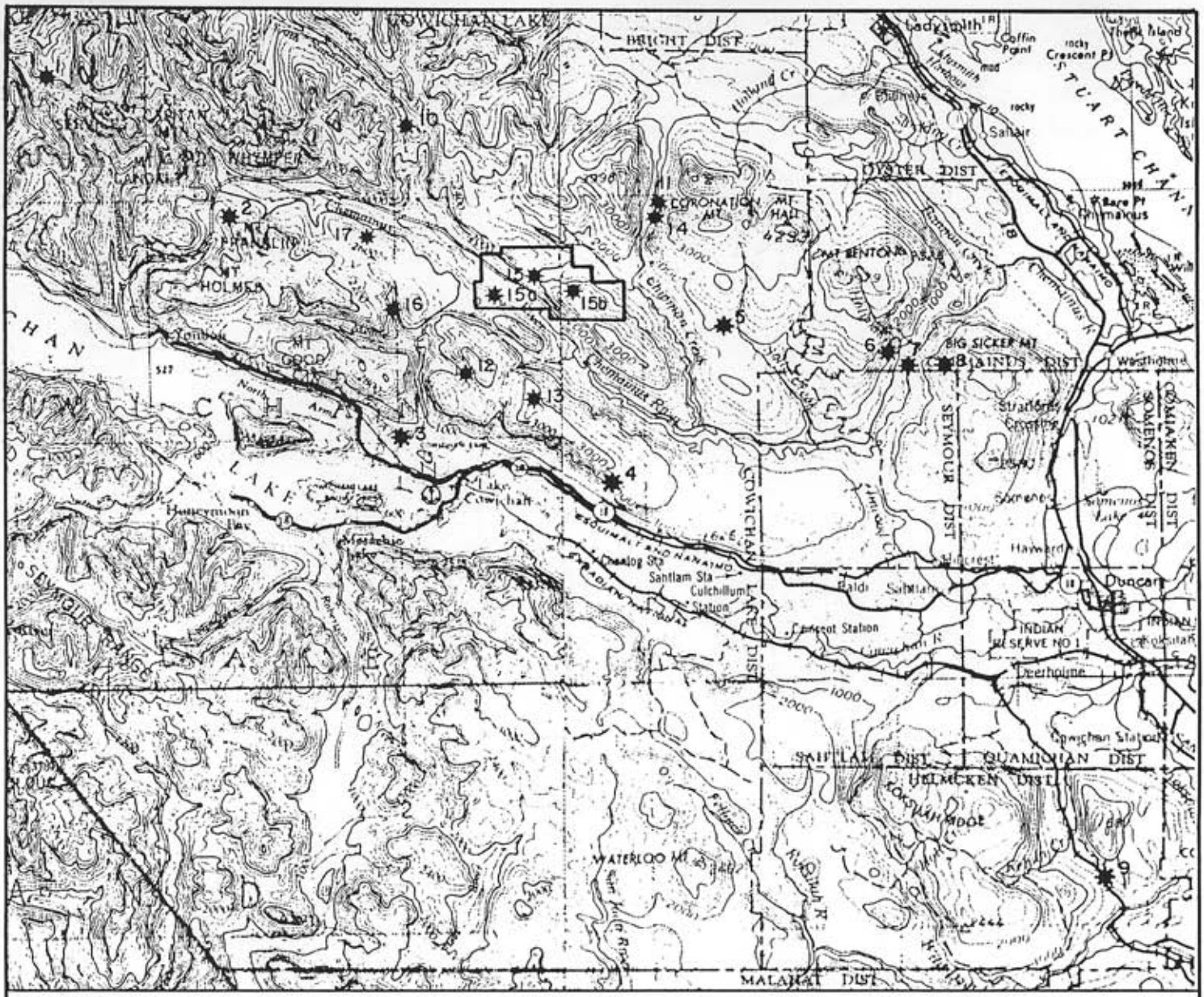
3.0 HISTORY AND ECONOMIC SETTING

Government geological work in the area includes work by J.T. Fyles (1955), J.E. Muller (1977, 1980a, 1980b, 1982) and Massey (1987).

In 1964, E.M. Wilson carried out geological mapping and rock sampling on and around the "Pogo" property, which consisted of four 2-post claims near the centre of the present Cow property. Five showings are plotted on his geology map. The highest assays from the main showing are 0.43% Zn over 10 feet, 0.48% Pb and 0.09 Cu over 5 feet, and trace Ag over a different 5 feet. A second showing assayed 0.72% Zn, 0.17% Pb, and 0.13% Cu from a grab sample. Little information is given on the other 3 showings. Geological mapping at a scale of 1:600 was carried out over the area near the main showing in addition to mapping at 1:16,800 over a larger area surrounding the Pogo claims (approximately the area of the Cow property).

The first documented exploration program on the property since 1964 was conducted by MPH Consulting Limited in September of 1985 (Neale and Hawkins, 1985). The property was geologically mapped at a scale of 1:10,000. A few shears with elevated gold values and a broad zone with disseminated sulphides were discovered during the program.

This area of Vancouver Island has several rhodonite, massive sulphide (base metal) and gold occurrences (Figure 3), a few of which have been mined in the past. Details of the economic setting and mineral occurrences in the area are included in MPH Consulting Limited's assessment report on the Cow property (Neale and Hawkins, 1985).



GOLD OCCURRENCES

1. Amore
2. Comego
3. Meade Ck.
10. Sognidoro
17. Mike

BASE METAL OCCURRENCES, DEPOSITS

5. Lara
6. Pauper
7. Copper Canyon
8. Twin J
9. King Solomon
14. Anita
15. Pogo
16. Candy

OTHER OCCURRENCES

4. Hill 60
11. Lady
12. Meade
13. Stanley Ck.

N

INTERNATIONAL CHEROKEE DEVELOPMENTS LIMITED

MINERAL OCCURRENCES LOCATION MAP

COW PROPERTY

Project No:	V 240	By:	G.A.
Scale:	1:250 000	Drawn:	J. S.
Drawing No:	3	Date:	FEB. 1987

MPH Consulting Limited

4.0 REGIONAL GEOLOGY

This area between Duncan and Port Alberni (including the Cow property) is underlain by a west-northwest trending belt of Paleozoic rocks of the Sicker Group.

The Sicker Group has been divided into four formations. Historically these formations were named Nitinat, Myra, Sediment-Sill and Buttle Lake, by Fyles (1955) and Muller (1980) (Figure 4). Type sections for these formations are in the Cowichan Lake and Buttle Lake areas. There are some problems, however, applying these divisions to the entire Sicker Group belt since geological environments appear to have varied dramatically within the complex volcanic terrane.

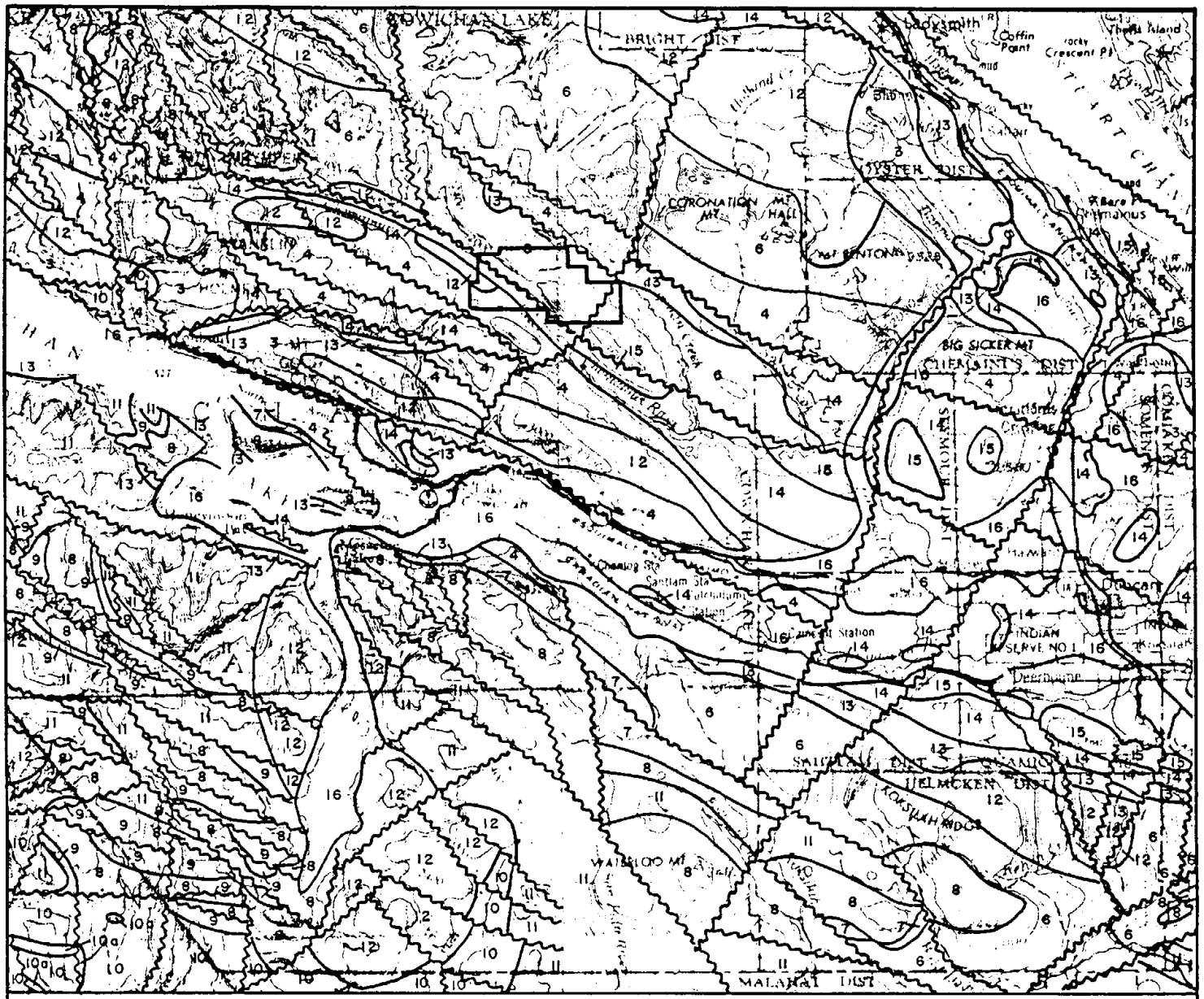
N. Massey (1987) has recently been mapping in the Cowichan Lake area, and has divided the Sicker Group in this area as follows:

UPPER SILURIAN TO LOWER PERMIAN SICKER GROUP

BUTTLE LAKE SUB-GROUP	
MOUNT MARK FORMATION	(formerly Buttle Lake Formation)
CAMERON RIVER FORMATION	(formerly Sediment-Sill Unit and/or Myra Formation)
YOUBOU SUB-GROUP	
McLAUGHLIN RIDGE FORMATION	(formerly Myra Formation and/or Nitinat Formation)
NITINAT FORMATION	

Nitinat Formation rocks are typically pyroxene rich pyroclastics and flows.

The McLaughlin Ridge Formation is composed predominantly of



QUATERNARY

16 Glacial and alluvial deposits.

UPPER CRETACEOUS

Nanaimo Group

15 Extension - Protection Fm.: sandstone, conglomerate; minor siltstone, shale, coal.

14 Haslam Fm.: shale, siltstone, minor sandstone.

13 Comox Fm.: sandstone, conglomerate, minor siltstone, shale, coal.

JURASSIC

Lower to Middle Jurassic

12 Island Intrusions: granodiorite, quartz diorite

Lower Jurassic

11 Bonanza Group: basaltic to rhyolitic tuff, breccia, flows, sills, and dykes; minor argillite, greywacke.

UPPER PALEOZOIC AND ? OR TRIASSIC AND JURASSIC

10 Westcoast Complex: quartz diorite, diorite, tonalite, amphibolite, agmatite; minor metavolcanic and metasedimentary rocks. 10a: recrystallized limestone, skarn.

TRIASSIC

Middle ? and Upper Triassic

Vancouver Group

9 Quatsino Fm.: limestone

8 Karmutsen Fm.: pillow basalt, breccia, tuff; minor flows.

PALEOZOIC

Sicker Group

PENNSYLVANIAN AND PERMIAN

7 Buttle Lake Fm.: limestone, chert, greywacke, argillite.

PENNSYLVANIAN AND MISSISSIPPIAN

6 Sediment - Sill Unit: argillite, greywacke, chert, diabase sills.

LOWER DEVONIAN AND OLDER

5 Saltspring Intrusions: meta-granodiorite, meta-quartz porphyry, quartz-sericite schist.

4 Myra Fm.: well bedded felsic tuff and breccia, argillite, rhyodacite in flows and sills, minor basic tuff, quartz-sericite schist, phyllite, massive sulphides.

3 Nitinat Fm.: pillow lava and breccia of augite (uralite) porphyry, basic tuff; minor chlorite - actinolite schist.

LOWER PALEOZOIC (OR YOUNGER ?)

2 Colquitz gneiss: quartz-feldspar gneiss

1 Work gneiss: massive and gneissic metadiorite, metagabbro, amphibolite.

0 5 10 km

REF: GSC OPEN FILES 701 AND 821

INTERNATIONAL CHEROKEE DEVELOPMENTS LIMITED

REGIONAL GEOLOGY MAP

COW PROPERTY

VICTORIA MINING DIVISION

Project No:	V 240	By:	G. A.
Scale:	1 : 250 000	Drawn:	J. S.
Drawing No:	4	Date:	FEB. 1987

MPH MPH Consulting Limited

intermediate composition pyroclastics ranging from cherty tuffs to agglomerates.

The Cameron River Formation is predominantly sedimentary in nature, although many units have tuffaceous characteristics. Chert, argillite, siltstone, sandstone and conglomerate are the dominant rock types, with lesser amounts of limestone, pyroclastics and flows.

The Mount Mark Formation is composed of limestone (locally marble) with minor amounts of chert, argillite, siltstone and sandstone.

The Sicker Group is weakly regionally metamorphosed to lower greenschist facies and folded about a northwest trending fold axis.

Sicker Group rocks have been intruded by gabbroic sills and dykes which are thought by Muller (1980) to be coeval with Upper Triassic Karmutsen Formation basaltic rocks.

Lower to Middle Jurassic granodiorite and quartz diorite Island Intrusions cut both the Sicker Group and gabbroic rocks. Sicker Group sediments and pyroclastics are commonly hornfelsed and silicified near these intrusives.

South and north of the main Sicker Group 'greenstone' belt (and presumably overlying it) are extensive exposures of Karmutsen Formation basalt and Quatsino Formation limestone of the Triassic Vancouver Group, and basalt of the Jurassic Bonanza Group.

Shale, sandstone and conglomerate of the Cretaceous Nanaimo Group unconformably overlie all formations mentioned above.

A more detailed description of the regional geology is provided in MPH Consulting Limited's assessment report on the Cow property (Neale and Hawkins, 1985).

5.0 1986 - 1987 PHASES I, II AND III EXPLORATION PROGRAM

5.1 WORK COMPLETED

5.1.1 Phases I and II: Geology, Geochemistry and Geophysics

Field work for Phases I and II of the exploration program on the Cow property was performed between September 21, 1986 and January 3, 1987. Nine geologists, one geophysical consultant, one field coordinator, three geophysical technicians and four field technicians spent a total of 114 days on this phase of the program.

During Phases I and II of the program, 1099 soil, 32 silt and 228 rock samples were collected and analysed for gold and 30 other elements (Appendix IV).

The entire property was geologically mapped at a scale of 1:10,000. During this mapping program several rock and silt samples were collected and areas requiring more detailed investigation identified. Three grids were established in areas with interesting geology and mineralization.

A GRID

The A Grid was established in the Zizac Creek area south of the Chemainus River (Plate 1). The grid consists of 7.1 km of flagged lines spaced at 100 m with stations marked every 25 m.

The grid was geologically mapped at a scale of 1:2500. During this program several rock samples were collected and an area

requiring trenching identified.

A total of 268 soil samples was collected on the grid.

A VLF-EM survey was conducted along 6.0 km of line.

A 50 m trench was excavated on M1A road to expose a mineralized quartz vein and shear zone. A total of 34 rock samples was collected from the trench.

B GRID

The B Grid, with a total of 15.9 km of line, was established on the north side of the Chemainus River (Plate 1). The grid consists of a 1.2 km baseline running along C7B, C7 and C7A roads, and 13 flagged crosslines totalling 14.7 km in length. Crosslines are spaced at 100 m intervals and stations marked every 25 m.

A total of 614 soil samples was collected on the grid.

A VLF-EM survey totalling 4.3 km was conducted over selected areas in the northeast and southwest parts of the grid.

A magnetic survey was conducted over the entire 14.7 km of crosslines.

Geological mapping at a scale of 1:2500 covers the grid area.

An approximately 30 m long trench was excavated adjacent to C7 road in the northwest part of the grid.

C GRID

The C Grid was established to the east of the B Grid (Plate 1).

The grid consists of a 1.2 km baseline following B6 and B6A roads, and 13 crosslines totalling 5.2 km in length. Crosslines are spaced 100 m apart with stations marked at 25 m intervals.

A total of 217 soil samples was collected on the grid. A total of 4.4 km of the grid was included in a magnetic survey. Geological mapping at a scale of 1:2500 covers the grid area.

5.1.2 Phase III: Diamond Drilling

A diamond drilling program totalling 99 m was conducted in the A Grid area to test a mineralized structure discovered in the Phases I and II exploration surveys. Seventy-five samples of core were taken for analyses.

5.2 GEOLOGICAL MAPPING AND SAMPLING

5.2.1 Introduction

The property was geologically mapped at a scale of 1:10,000 (Plate 1) to gain a general understanding of the geology and to identify areas warranting a more detailed investigation. Geological mapping at a scale of 1:2500 was subsequently conducted in three such areas.

During the course of these geological surveys, 32 silt and 228 rock samples were collected and analysed (Plates 2, AB-4 and BC-4).

5.2.2 General Geology of the Cow Property

The Cow property can be divided into two parts based on Paleozoic Sicker Group geology. Southwest of the Chemainus River the claims are predominantly underlain by pyroclastics and sediments of the McLaughlin Ridge Formation. Northeast of the Chemainus River, the Cow property is predominantly underlain by Cameron River Formation sediments (Plate 1).

McLaughlin Ridge Formation rocks are east-northeast trending, interbedded argillite, sandstone, conglomerate and fine to coarse-grained pyroclastics. They have been intruded by Triassic gabbro and Jurassic quartz diorite. Because of ubiquitous disseminated sulphides in the sediments and pyroclastics in this area, the A Grid was established and detailed geological work conducted.

The Cameron River Formation in the property area is composed of northwest trending, interbedded chert, argillite, phyllite, siltstone, sandstone, and minor marble. These rocks have been intruded by Triassic gabbro and Jurassic quartz diorite. Grids B and C were established in areas underlain by this assemblage of rocks.

The Chemainus River valley bottom is underlain by northwest trending Cretaceous Nanaimo Group shale and conglomerate. To the southwest it unconformably overlies McLaughlin Ridge Formation rocks. To the northeast, Nanaimo Group rocks appear to be in fault contact with Cameron River Formation sediments.

5.2.3 Lithology of Formations and Units of the Sicker Group

2) McLaughlin Ridge Formation (Formerly Nitinat and/or Myra Formations)

McLaughlin Ridge Formation rocks have been divided in this area into the following units:

2a - Argillite

Dark brown to black, thinly laminated argillite occurs as units a few tens of metres thick and grades into siltstone or fine-grained tuffs. The argillite generally contains 1-2% pyrite and weathers to a dull rusty brown.

2b - Cherty Tuff

Rocks in this unit generally have a dark grey to dark brown cryptocrystalline groundmass and a few percent of very fine-grained dark grey sand-sized particles. They are massive to well bedded and grade into tuffaceous siltstone.

2c - Tuffaceous Siltstone, Siltstone

Rocks in this unit may be sedimentary or pyroclastic. They are very fine-grained, dark grey to dark brown, massive to well bedded, commonly extremely siliceous, and may grade into sandy or feldspar crystal tuffs.

2d - Sandy Tuff, Sandstone

This unit is a fine to medium coarse-grained, siliceous, dark grey to brown tuff or lithic wacke with abundant angular, dark lithic

fragments. The unit is gradational to tuffaceous siltstone, crystal tuff and lapilli tuff.

2e - Crystal Tuff

This unit is gradational to units 2c, 2d and 2f. These rocks have a fine-grained, siliceous, grey to brown groundmass with up to 40% grey, subrounded to subangular to subhedral feldspar crystal fragments to 1 mm. Felty chloritic masses may be alterations of mafic crystal fragments. An average of 3 to 4% pyrite and/or pyrrhotite is commonly disseminated throughout.

2f - Lapilli Tuff, Tuff Lapillistone, Agglomerate

These coarse-grained pyroclastics have a dark greyish brown siliceous, cherty to coarse-grained tuffaceous matrix with 20 to 70%, <1 cm to >5 cm angular to rounded lithic clasts. Rock types of the clasts include: trachytic feldspar porphyry (andesite?), feldspar hornblende porphyry and fine-grained siliceous fragments which could be sedimentary or volcanic. Up to 5% fine-grained disseminated pyrrhotite is common in the groundmass.

Lithology of Units of the Cameron River Formation

4) Cameron River Formation

The Cameron River Formation was formerly mapped as the Myra Formation and/or Sediment-Sill Unit. It has been subdivided in the Cow property area into the following units:

4a - Argillite, Slate

Dark grey to black, thinly laminated to massive, soft to extremely hard argillite grades into both siltstone and cherty siltstone. It is commonly foliated, with slaty cleavage crosscutting bedding. Dark grey, subhedral, elongated chiastolite porphyroblasts commonly occur in the slate. They average 1 mm in length and can make up to 15% of the rock. The argillite generally contains 2-3% pyrite along fractures or as thin films on foliation surfaces.

Chiastolite porphyroblasts suggest that the rock has undergone contact metamorphism, probably from the intrusion of the nearby quartz diorite.

4b - Chert, Cherty Siltstone, Iron Formation

Rocks in this unit are generally cryptocrystalline to very fine-grained granular, extremely siliceous, dark brown to light grey and range from massive to thinly laminated. They commonly grade into argillite or siltstone.

4c - Siltstone

This unit is dark grey to dark brown, massive to thinly laminated and generally very hard (silicified?, hornfelsed?). The siltstone is commonly interbedded with and grades into both sandstone and argillite.

4d - Sandstone

The sandstone is dark grey to dark brown and generally very fine to fine-grained. Rarely the sandstone contains graded beds which indicate 'tops up'.

4e - Crystal Tuff, Tuffaceous Sediment

These tuffs are generally limited in extent, quite thin (beds to 5 cm) and interbedded with argillite and fine-grained sandstone. They have a dark brown very fine-grained sandy groundmass with up to 10% $\leq$ 1 mm stubby to lath shaped, subhedral, white feldspar crystal fragments.

4f - Heterolithic Conglomerate and Sedimentary Breccia

A discontinuous, few metre wide conglomerate bed(s?) is exposed immediately south of the Cow property and likely trends onto the Cow 12 claim. It has a dark brown cherty fine-grained clastic groundmass with up to 20% subangular to subrounded feldspar porphyry and cherty siltstone (?) clasts up to 1 cm in diameter. The groundmass also contains traces of chalcopyrite and 2-3% each of pyrite and pyrrhotite. The rock may be partly tuffaceous in nature.

4g - Phyllite

This unit is composed of fine-grained bluish to greenish-grey foliated rocks with a large component of muscovite and chlorite, and up to 5% rounded dark green porphyroblasts less than 1 mm in diameter. The phyllite commonly has gradational contacts with argillite.

4h - Marble

One occurrence of marble was located on the Copper Canyon Main road in the southeast part of the Cow 15 claim. This unit is composed of medium-grained bluish-grey crystalline calcite interbedded with very fine-grained sandstone and cherty siltstone.

5.2.4 Lithology of Intrusive Rocks

6) Triassic Karmutsen Formation

6d - Gabbro

Gabbro intruding the McLaughlin Ridge Formation pyroclastics is a medium to coarse-grained plutonic rock with a colour index of approximately 50 to 60. Original hornblende crystals are largely altered to chlorite and generally form a 'pseudogroundmass' for 40% stubby, grey, subhedral feldspar crystals averaging 2-4 mm in diameter. In some places hornblende crystals form phenocrysts up to 2 cm in length.

The gabbro intruding Cameron River Formation sediments is variable in texture. In parts it is a medium-grained equigranular plutonic rock with approximately 50% each of black hornblende and bluish-grey feldspar crystals up to 2 mm in length. In other parts it is strongly foliated. Mafic minerals appear to be totally altered to fine-grained chlorite and original textures have been destroyed. This foliation suggests that the gabbroic dyke has undergone some deformation along with the sediments it intruded.

9) Jurassic Island Intrusives

9b - Mafic Dykes

Diabase dykes in this area are generally southeast-trending and less than 2 metres in width. They have distinct chill margins, are rarely amygdaloidal and in some cases have acicular hornblende

phenocrysts to 0.5 cm in length.

The dykes may be related to an early dioritic phase (9d) of the Island Intrusions.

9d - Diorite

Diorite in this area occurs as a narrow margin up to 20 metres wide between the Cameron River Formation sediments and intruding Jurassic quartz diorite. The diorite is fine to medium-grained with 20-40% hornblende, and 50%(+) feldspar.

9f - Feldspar Porphyry

Feldspar porphyry dykes in this area are generally less than 3 metres in width and strike from northeast to southeast. They contain 25% white stubby feldspar phenocrysts up to 1 cm (average 3-4 mm) in diameter, < 5% hornblende phenocrysts and rare rounded quartz phenocrysts in a fine-grained dark grey to brown groundmass.

These dykes may be offshoots from the nearby large plugs or sills of quartz diorite. On nearby properties they crosscut both Cameron River Formation sediments and Triassic gabbroic dykes.

9q - Quartz Diorite

Quartz diorite plugs in this area are up to one kilometre wide and several kilometres long. They are typically medium-grained equigranular plutonics with 75%(+) feldspar (mainly plagioclase), 15% hornblende, up to 10% quartz, and minor amounts of biotite.

5.2.5 Detailed Geology, A Grid

Most of the A Grid area is underlain by pyroclastics and sediments of the McLaughlin Ridge Formation (Plate AB-3).

The predominant lithologies are lapilli tuff grading into agglomerate and possibly conglomerate. They are massive to poorly bedded and form horizons from a few metres to over 200 m thick.

Sandy tuff or wacke is interbedded and in a few places grade into cherty tuffs or sediments.

Argillite is not abundant in outcrop but appears to form beds up to a few tens of metres wide within thick horizons of coarse-grained pyroclastics.

Lithologic types and relationships suggest a relatively deep water depositional environment in a sporadically active volcanic region.

McLaughlin Ridge Formation rocks have been intruded by a 200 m wide gabbroic dyke (Triassic?) in the eastern part of the grid. Unlike most basic intrusives in this region, which subparallel bedding in host sediments, the gabbro on the A Grid strikes almost perpendicular to the intruded sediment.

Textural variations between gabbroic bodies on the property (Section 5.2.4) and inconsistent intrusive-host relationships suggest that there may have been more than one phase of gabbroic intrusions in the area.

Quartz diorite underlies a small part of the northern section of the A Grid. The intrusive contact appears to subparallel bedding

strikes in some areas and to crosscut bedding in others. The manner in which the quartz diorite contact follows topography suggests that the intrusive has a relatively shallow dip to the south.

5.2.6 Structural Geology, A Grid

Bedding in this area generally strikes between 80° and 120°. Dips are steep to the south in the northern part of the grid and generally steep to the north in the southern part, suggesting that sediments between the two intrusive bodies have been folded into a tight synform (Plate AB-3). Limited data also suggest the presence of an easterly trending antiform axis near the southwest corner of the grid.

Bedding south of M1A road near lines 6+00E and 7+00E strikes between 145° and 200°. This distortion of the sediments may have been caused by the intrusion of the nearby gabbroic dyke.

The grid area is not cut by any major faults although the southeast trending 'M8' fault passes a few hundred metres to southwest.

Several easterly trending shear zones cut the pyroclastics and sediments. The strongest shear zone observed on the grid is exposed along M1A road, west of line 8+00E(a) (Plate AB-3). It strikes between 94° and 100° and dips approximately 85° to the southwest. The zone is several metres wide and contains a few centimetre wide, well-mineralized quartz vein. The shear zone is discussed in greater detail in the following section.

5.2.7 Mineralization, A Grid

The coarse-grained pyroclastics and conglomerates in the A Grid area commonly contain up to 5% fine-grained disseminated pyrrhotite and minor amounts of pyrite. Sulphides are most abundant in the groundmass of these clastics but also occur within the larger clasts.

Silty and sandy tuffs also contain a few percent pyrrhotite but are notably less sulphide-rich than the coarser-grained pyroclastics. This may be because the lapilli and agglomerate were more permeable than the finer-grained sediments and mineralizing hydrothermal fluids were somewhat restricted to the coarser-grained units. These fluids may have been generated by the nearby quartz diorite intrusive which could underlie the entire grid area at a relatively shallow depth.

Sulphide-rich pyroclastics have been sampled throughout the A Grid area. Samples contained only weakly anomalous copper and no anomalous gold values.

Several narrow (5-20 cm) shear zones hosted in sediments and pyroclastics on the A Grid contain abundant pyrite and chalcopyrite. Samples from these shears commonly contain weakly anomalous gold, silver and copper values.

The most interesting mineralization in the A Grid area is in an east-west trending shear zone exposed on M1A road between lines 7+00E and 8+00E(a). The shear is a several metre wide fracture zone hosted in silty, sandy and lapilli tuffs. A piece of brecciated cherty sediment float found in the shear area (samples 4288, 14017) contained approximately 20% medium-grained arsenopyrite. Analyses of sample 14017 are: 7800 ppb Au (assay:

0.198 oz/T or 6.79 g/t), 1.0 ppm Ag, >10,000 ppm As, 62 ppm Co and 40 ppm Sb.

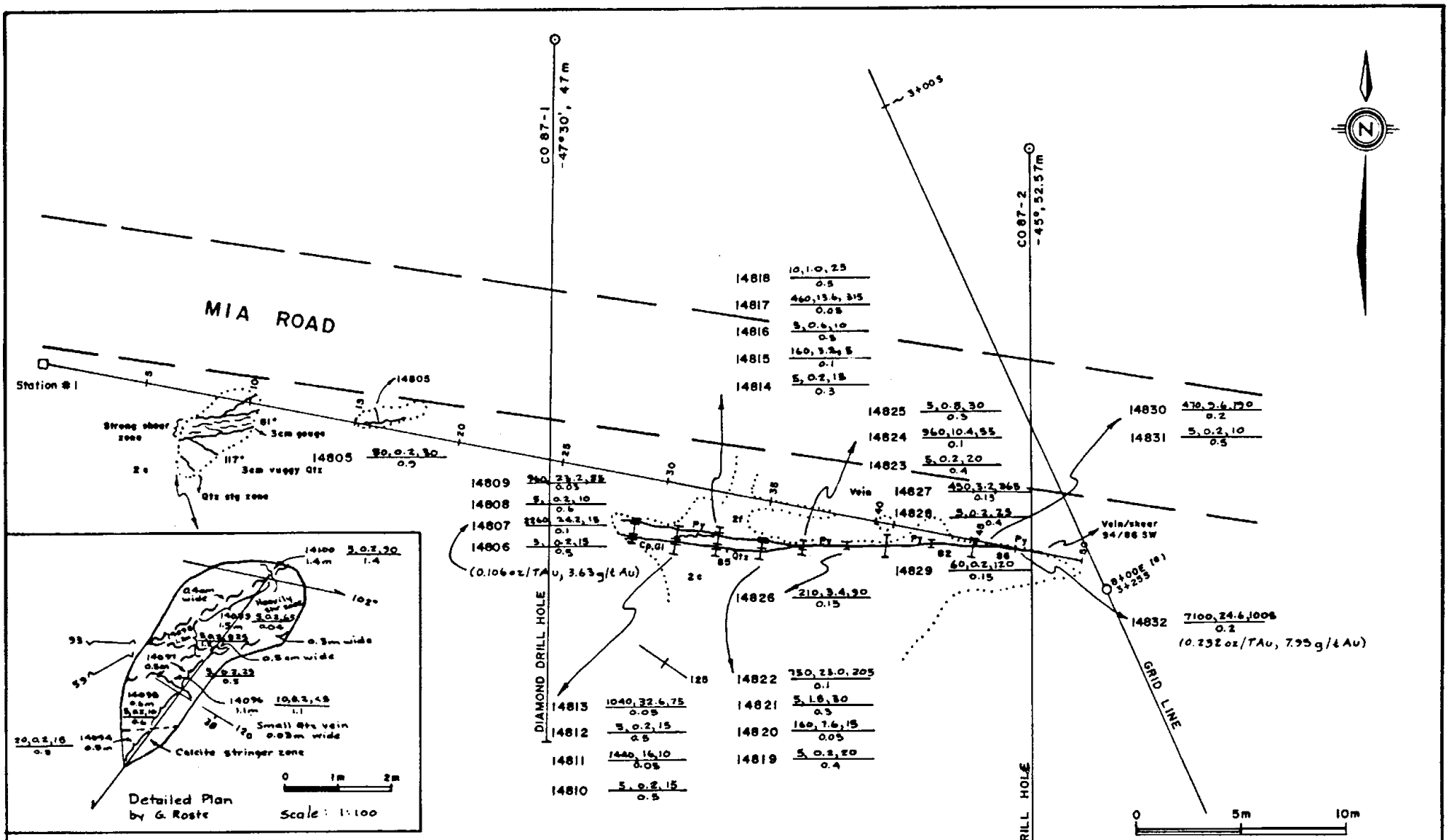
Sample 14016 was a chip across a 0.5 m fracture-shear zone in silty tuff exposed a few metres west of sample 14017. It appears barren but contains weakly anomalous Au values and 1315 ppm arsenic. The high arsenic value from the shear suggests a local source for the material in sample 14017.

Within the shear zone a 5-20 cm quartz and/or carbonate vein strikes at 94-100° and dips at approximately 85° to the southwest. The vein is composed of vuggy, light bluish-grey quartz and carbonate with 2-10% pyrite, up to 3% each of sphalerite and galena, and minor amounts of pyrrhotite and chalcopyrite.

The vein was exposed by trenching for 20 m (Figures 5 and 6). Vein material, sampled every 2 m, is anomalous in Au, Ag, As, Cu Pb, Zn and Cd. The cadmium (Cd) is presumably associated with the sphalerite.

The best values obtained were from a pre-trenching grab sample (14024) of a 5 cm wide part of the vein. It contained 13.03 g/t (0.380 oz/T) Au, 29.4 ppm Ag, 437 ppm Cu, 5500 ppm Pb, 2380 ppm Zn and > 99.9 ppm Cd.

The above mentioned shear zone lies approximately 130 m west of the gabbro dyke discussed in 5.2.5. Gold-bearing shears are found peripheral to gabbroic dykes on both the Mike and Chem properties.



LEGEND

GEOLOGY:

McLAUGHLIN RIDGE FORMATION

2c Tuffaceous Siltstone, Siltstone

2f Lapilli Tuff, Tuff Lapillistone, Agglomerate

SYMBOLS:

- Outcrop
- Quartz-Carbonate vein
- Shear
- Chip sample location
- Bedding

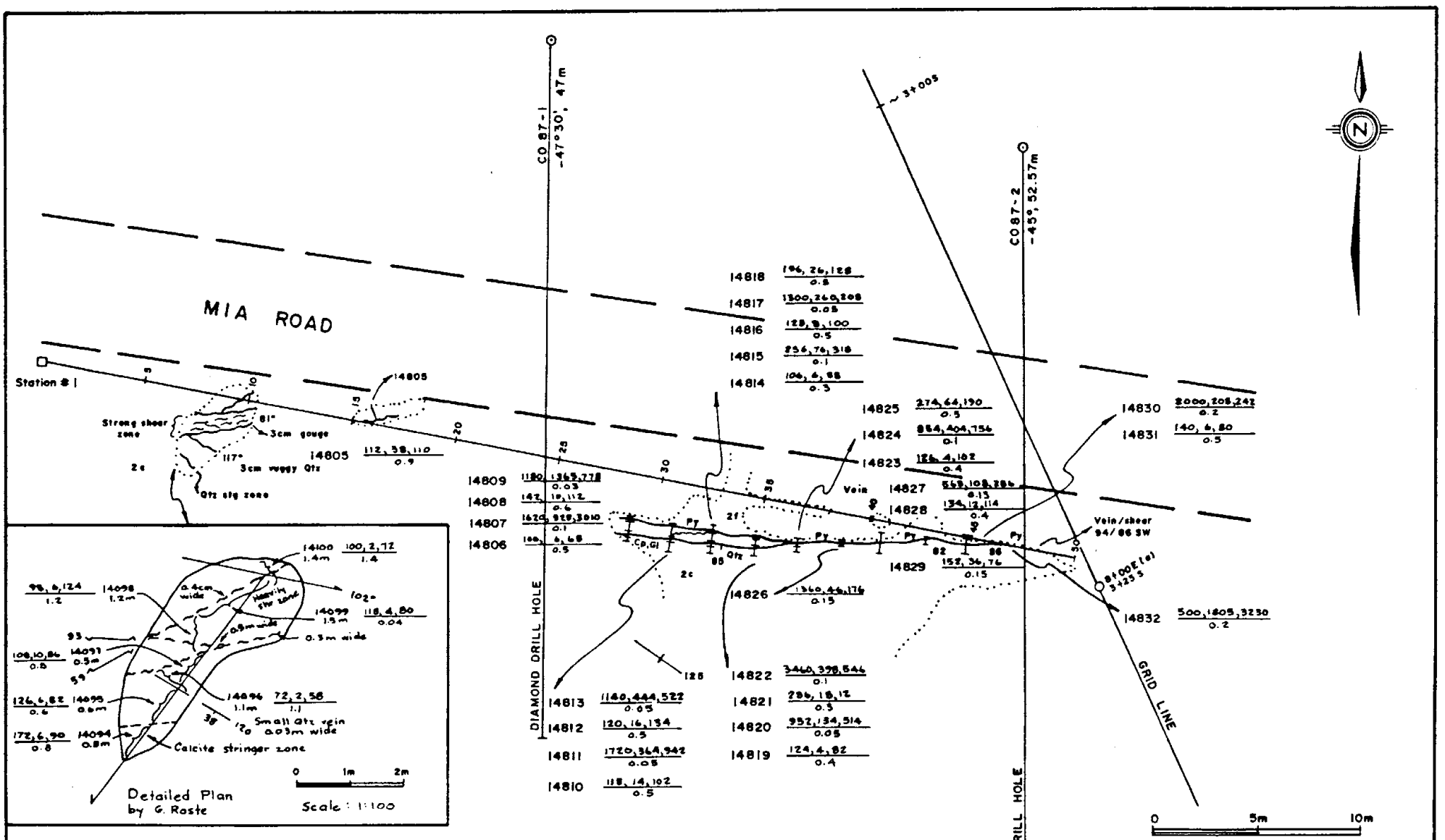
SAMPLES AND ANAYLSES: (Sample No.) 14832 $\frac{7100,24.6,1005}{0.2}$ $\left(\frac{\text{ppb Au, ppm Ag, ppm As}}{\text{Sample width (m)}}\right)$

INTERNATIONAL CHEROKEE DEVELOPMENTS LIMITED

STRUCTURE ON MIA ROAD
TRENCH PLAN
Au(ppb), Ag(ppm), As(ppm)
COW PROPERTY - A GRID

Project No.	V 240	By:	G.A.
Scale:	1:250	Drawn:	M.W.
Drawing No:	5	Date:	FEBRUARY 1987

MPH Consulting Limited



LEGEND

GEOLOGY :

McLAUGHLIN RIDGE FORMATION

- 2c Tuffaceous Siltstone, Siltstone
- 2f Lapilli Tuff, Tuff Lapillistone, Agglomerate

SYMBOLS :

- Outcrop
- Quartz-Carbonate vein
- Shear
- Chip sample location
- Bedding

SAMPLES AND ANAYLSES : (Sample No.) 14832 $\frac{500, 1805, 3250}{0.2}$ $\left(\frac{\text{ppm Cu, ppm Pb, ppm Zn}}{\text{Sample width (m)}}\right)$

INTERNATIONAL CHEROKEE DEVELOPMENTS LIMITED

STRUCTURE ON MIA ROAD
TRENCH PLAN
Cu (ppm), Pb (ppm), Zn (ppm)
COW PROPERTY - A GRID

Project No.	V 240	By:	G.A.
Scale:	1 : 250	Drawn:	M.W.
Drawing No:	6	Date:	FEBRUARY 1987

MPH Consulting Limited

5.2.8 Detailed Geology, B and C Grids

The B and C Grids are predominantly underlain by sedimentary rocks of the Cameron River Formation. These sediments are northwest-trending interbedded argillite, chert, cherty siltstone, siltstone and sandstone with minor marble and phyllite (Plates 1, AB-3, BC-3). Lateral facies changes and gradational contacts between successive units are common.

A few well-bedded siltstone layers within this sequence indicate that the sediments are 'tops up' or younging to the northeast. Sediments in the B and C Grids area have relatively consistent moderate dips to the northeast.

The apparent oldest unit in the grid area, therefore is a marble bed exposed on the Copper Canyon main road. The size of the unit is unclear but is probably only a few metres thick. This unit may correlate with a discontinuous marble bed exposed on the Chem property approximately 4 km to the southeast.

Overlying the marble bed is a unit of chert and cherty siltstone which is tentatively correlated with the siliceous sediments hosting a ferruginous chert horizon on the Chem property to the southeast.

Predominant lithologies above the chert unit are interbedded argillite or slate and siltstone, with minor cherty horizons. Foliation in the slates subparallels bedding.

A lens of phyllite possibly a few hundred metres wide, occurs

within this uppermost unit. The relationship between the phyllite and surrounding slate or argillite and siltstone is unclear. The phyllite may be an altered slate.

The sedimentary units have been intruded by several sill-like gabbroic bodies up to several hundred metres wide. They are probably Triassic in age and coeval with Karmutsen Formation basalts. They are fine to medium-grained intrusives, commonly with a glomerophyric or flower porphyry texture. In many places these dykes are strongly foliated suggesting that they were folded along with the host sediments.

A Jurassic Island Intrusions medium-grained quartz diorite plug or sill intrudes the sediments southeast of the B Grid. This intrusive may have caused the formation of chiastolite porphyroblasts in the nearby slates. The intrusive body subparallels bedding, is several hundred metres wide and several kilometres long.

5.2.9 Structural Geology, B and C Grids

Within the grids area the sedimentary beds are fairly consistent in orientation, striking generally 100-115° and dipping moderately to the northeast. Foliation in the rocks has generally the same orientation as bedding but in individual outcrops bedding and foliation crosscut each other at a low angle.

Rocks in the B and C Grids area appear to be on the southwest limb of a northwest-trending syncline. The fold axis lies along the northeast periphery of the B Grid.

North-northeast trending faults cut across stratigraphy in the

southwest part of the B Grid. Gabbroic intrusives in the area have clearly been offset but exposure in the area is poor and the amount and direction of fault movement is uncertain.

Paleozoic sediments in the southwest part of the B Grid appear to be in fault contact with Cretaceous Nanaimo Group sediments.

5.2.10 Mineralization, B and C Grids

Shear related sulphide mineralization is relatively common throughout the B and C Grids area.

The 'Pogo Showing' on C7 road is hosted in medium-grained gabbro (Plates 1, AB-3). Up to 5% pyrite and pyrrhotite occur along fractures and quartz-carbonate stringers up to 2 cm wide. Less than 1% chalcopyrite occurs along fracture surfaces. Sample 3982 contained 2515 ppm Cu and weakly anomalous Ag, Zn, Co and W values.

Analyses reported by Wilson (1964) included 0.43% Zn and 0.48% Pb from chip samples apparently taken in the same area. Road work done since 1964 may have covered the main showing.

A second area with interesting mineralization is exposed along B6 and B6A roads (Plates 1, BC-3). The area is underlain by bluish-grey phyllite adjacent to a gabbroic intrusive; probably the same intrusive hosting the Pogo showing.

A 0.5 m wide shear zone (118/90) exposed on B6 road near B6X road contains 60 ppb Au, 2.0 ppm Ag, 913 ppm Cu, 220 ppm Zn and 2190 ppm Mn (sample 4265). A sample from a nearby boulder of similar

material contained 440 ppb Au (0.45 g/t, 0.013 oz/T) and strongly anomalous Ag, As, Cu Zn and Mn values (sample 4264).

Several mineralized shears exposed along B6 road southeast of sample 4264 define a 100 m wide zone of sporadic mineralization. The shears are up to 20 cm wide, gougy, limonitic, and contain up to 5% each of pyrite and chalcopyrite. Some shears also contain quartz lenses a few centimetres wide. Analyses of samples from a few of these zones is shown in Table 1.

TABLE 1

Sample No.	Sample Width (m)	ppb Au	ppm Ag	ppm As	ppm Cu	ppm Zn	ppm Mn
4266	0.15	60	10.6	15	5019	4738	1588
4267	0.10	5	0.2	45	435	770	4065
4268	0.10	20	3.2	5	3139	5582	1093
4269	0.20	50	9.2	5	3852	856	937
4270	0.20	30	1.8	5	2042	434	1130
4271	0.15	5	0.8	5	1733	74	799
4272	0.30	5	0.4	51	501	2458	4866

The shear zones are spaced from a few metres to a few tens of metres apart and invariably parallel foliation (and bedding?). Their apparent restriction to a phyllitic host suggests that shearing and mineralization took place during metamorphism. As with most other significant showings in the region, the shears also spatially related to a gabbroic dyke.

Three grab samples (1301, 1302, 1303) with anomalous gold and silver values were collected from the grid southeast corner of the B Grid on C8 road (Plate AB-3). Some analyses from these samples are shown in Table 2.

TABLE 2

Sample No.	ppb Au	ppm Ag	ppm As	ppm Cu	ppm Zn	ppm Mn
1301	270	28.0	45	>9999	2546	142
1302	540	0.2	20	280	100	29
1303	470	24.0	30	>9999	486	126

These samples were taken from sheared, medium-grained chloritic gabbro with up to 5% each of pyrite and chalcopyrite. Shearing orientation ranges from 90° to 130°, parallel to the dyke-sediment attitude. Dips are vertical to steep to the northeast.

A few pieces of ferruginous chert float were discovered on Pojohl Creek (Plate AB-3). This material is dark grey to dark brown, moderately magnetic and contains up to 20% medium-grained pyrite in bands up to 2 mm wide. Samples of this material (3977, 3978 and 14006) contained up to 120 ppb Au and moderately anomalous As and Mo. A source for this material was not found.

In summary, mineralization in the B and C Grids area is largely restricted to narrow shears closely associated with gabbroic dykes.

5.3 STREAM SEDIMENT GEOCHEMISTRY

A total of 32 stream sediment samples was collected on the property from dry and flowing drainages. Samples consisted of dark brown to black organic material, silt, and fine to coarse sand. Small amounts of sediment were collected from several locations along a few metres of stream bed in an attempt to get a

representative sample.

Many stream sediment samples are weakly anomalous in zinc and barium. These elements may be somewhat enriched in the rocks in the drainage areas; possibly from argillite horizons. It is possible that the threshold used for these elements is too low.

Three samples taken on Pojohl Creek in the B Grid area have moderately anomalous manganese values. No reason for the anomalies is known. It is possible that argilite in this area has elevated manganese values. Fault zones in the area are also commonly enriched in this metal.

Sample HC-S2, taken from the upper part of Zizac Creek, contained 300 ppb gold and 210 ppm barium. A reanalysis of this sample yielded only 5 ppb gold. It is possible that the original analysis is correct and that the variation in results is due to the nugget effect.

A few samples yielded marginally anomalous silver and copper values. Bedrock samples from these areas also commonly contain weakly elevated copper values.

Results of the stream sediment geochemistry survey are not encouraging. The drainage tested with sample HC-S2 warrants resampling. Anomalous values in other samples are considered insignificant.

5.4 SOIL GEOCHEMISTRY

Soil geochemistry surveys were conducted on the A, B and C Grids. Soil samples were collected from the B horizon at an average depth of 20 cm. Horizon development is fair to poor and on some steep, rocky slopes, very little soil has developed.

Thresholds for anomalous values were visually estimated. These thresholds were compared to thresholds statistically derived for soil geochemistry surveys conducted on adjacent properties to confirm their validity. Thresholds used for the A, B and C Grids are shown in Table 3.

TABLE 3

Element	Threshold		
Au	20	ppb	
Ag	0.4	ppm	
As	30	ppm	
Cu	100	ppm	
Pb	25	ppm	
Zn	100	ppm (A Grid)	200 ppm (B and C Grids)

5.4.1 Soil Geochemistry, A Grid

Contoured Au, Ag, As and Cu-in-soil values are presented in Plate AB-5. Lead and zinc plots showed only weak, sporadic anomalies and have not been presented.

A few weak scattered metal-in-soil anomalies occur between lines

0+00E and 7+00E.

Gold anomalies at 1+00E, 1+00N and 1+50N (30 ppb each); and 5+00E, 1+50S (40 ppb) have been investigated and no outcrop was located in the areas. A 490 ppb Au anomaly occurs at 6+00E, 1+50N. A value of 5 ppb Au was obtained from a re-analysis of the sample. The area has not been investigated in detail.

Three moderate As anomalies are located on lines 1+00E and 2+00E. The sample sites appear to be underlain by coarse-grained pyroclastics and argillite, but the area has not been thoroughly investigated. No other metals are coincidentally anomalous at these locations.

By far the most interesting area of the grid lies south of Zizac Creek, east of line 8+00E(a). The area is underlain by cherty tuff, silty tuff, lapilli and agglomerate (conglomerate?) intruded by a 200 m wide gabbroic dyke. One mineralized east-west trending, shear-vein zone discovered in the area on M1A road contains gold (up to 13.03 g/t), chalcopyrite, arsenopyrite, galena and sphalerite (Plates AB-3, AB-9).

Metal-in-soil anomalies in this area lie along two east-northeast trending zones.

Zone A (Plates AB-5, AB-9) extends from 8+00E(a), 2+25S to 11+00E, 1+50S. It is composed of weak to moderate, generally non-coincidental, single sample anomalies. Anomalous metals include gold, silver, arsenic, lead and zinc. Very limited outcrop occurs in the area.

Zone B lies 100 to 150 m south-southeast (grid south) of Zone A and extends from 9+00E, 3+50S to 11+00E 2+50S.

Zone B is defined by a strong linear gold anomaly with coincident moderate linear copper anomalies and two single sample polymetallic anomalies. Although no soil geochemical signature is associated with the mineralized shear on M1A road, the structure appears to trend into anomalous Zone B.

A soil sample taken at 9+00E, 3+50S has strongly anomalous gold, silver, arsenic, copper, lead and zinc values. The station is located on the south side of M1A road although the sample site was not located. Fractured, siliceous, fine-grained silty tuff (sandstone?) outcrops nearby but no structure or mineralization was noted.

A soil sample collected at 10+00E, 3+00S contained 1360 ppb Au. A re-analysis of the sample returned 1260 ppb Au, and a re-sample contained 840 ppb Au. The samples were taken from a shallow basin of soil on an outcrop of medium-grained gabbro containing traces of disseminated chalcopyrite. The gabbro is cut by a weak, few millimetre-wide, calcite filled shear and a 30 cm wide amygdaloidal diabase dyke. Both structures are oriented 123/85NE. A sample of the small shear (14846) contained 180 ppb Au, 0.4 ppm Ag and 373 ppm Cu.

A soil sample collected at 11+00E, 2+50S contained 200 ppb Au. A re-analysis of the sample yielded 110 ppb Au, and a re-sample from the site contained 70 ppb Au. The area is heavily wooded and no outcrop was located during an investigation of the anomaly.

Several of the anomalies in both zones A and B have not been investigated in detail.

In general, the metal-in-soil anomalies appear to be related to the gabbroic dyke. No significant structures or mineralization were found during anomaly investigations.

5.4.2 Soil Geochemistry, B and C Grids

Contoured gold, silver, arsenic and copper-in-soil values are presented in Plate AB-5 which covers the A Grid and the western part of the B Grid. Contoured gold, silver, copper and zinc-in-soil values of the eastern part of the B Grid and the entire C Grid are shown in Plate BC-5. Plots of other metal-in-soil values are not given because anomalies for those elements are weak, sporadic and do not demonstrate any recognizable trends.

B GRID

The B Grid is underlain by interlayered chert, cherty siltstone, argillite, siltstone, sandstone and sill-like gabbroic intrusive bodies (Plates AB-3, BC-3).

Metal-in-soil anomalies on the B Grid are generally weak, sporadic and most commonly non-coincidental. Anomalies considered significant have been lettered C through K (Plates AB-5, BC-5).

Anomaly C (silver-in-soil) extends from 6+00W, 1+25S to 8+00W, 1+50S, with its centre at 7+00W, 1+50S (4.0 ppm Ag). The anomaly trend parallels stratigraphy. A 74 ppm lead anomaly occurs at 7+00W, 1+25S and could be related to the silver anomaly. The site has not been investigated in detail but general mapping indicates that it is underlain by argillite. A small gabbroic intrusive body, exposed between 4+00W and 5+00W, also appears to trend into the area.

Anomalies D and E and possibly **Anomalies D' and E'** appear to lie along the flanks of a gabbroic intrusive extending roughly from 5+00W, 5+00S to 11+00W, 6+00S. Anomalies D, D' and E' have coincident copper and silver values above background. Anomalies

D, D' and E have the highest copper values (248, 310 and 255 ppm respectively) on the B Grid. A weak lead anomaly (26 ppm) is located at 9+00W, 5+25S, 25 m uphill from Anomaly D'.

Rock samples 1301, 1302 and 1303 were taken from pyrite and chalcopyrite-bearing shears within the gabbro body or at its contact with cherty sediments. These samples contained anomalous high gold, silver, copper and zinc values. Metal-in-soil anomalies D, D', E and E' may be related to similar mineralized zones peripheral to the gabbro.

Anomaly F is a zone of weak copper and moderate silver anomalies located on lines 8+00W and 9+00W near 2+50N. The southern part of this anomaly covers a pyrite-chalcopyrite showing (Pogo) hosted in a gabbroic intrusive. The northern part of the anomaly appears to lie along the gabbro-argillite contact.

Anomaly G is a broad zone of weak silver and copper-in-soil values on 11+00N and 12+00N near 1+50N. The anomaly is centred on the same gabbroic body hosting the Pogo showing.

Anomaly H has coincident moderate silver and weak copper values along a narrow zone paralleling stratigraphy. The zone extends from 6+00W, 2+50S to 9+00W, 3+50S, in an area underlain by argillite.

Anomaly I is located on line 3+00W near 2+50S, just below C7 road. It is composed of semi-coincident moderate gold and weak copper and silver values. This gold value (70 ppb) is the highest on the B Grid. No outcrop occurs in the anomaly area but it is probably underlain by interbedded siltstone and argillite.

Anomaly J is composed of weak, noncoincident, gold and lead anomalies on lines 1+00W and 2+00W. No outcrop was observed in

the area but is assumed to be underlain by argillite and siltstone.

Anomaly K is a weak coincident east-southeast trending gold and copper anomaly extending between lines 0+00W and 1+00W near 2+50N. It is located on B8 road in an area with no outcrop. The anomaly lies along a linear trend of anomalies (N, Q and Q' on the C Grid) which appear to be related to a series of small mineralized shear zones.

C GRID

The C Grid was established east of the B grid in an area cut by several small shear zones. These shears are mineralized with pyrite and chalcopyrite and contain elevated gold, silver, arsenic, copper, lead, zinc and manganese values. Gold, silver, copper and zinc-in-soil values are plotted on plate BC-5 and anomalies labelled L through R.

Anomaly L is located on line 0+00E near 0+50S. It is two sample sites in extent and has moderate silver values (up to 2.4 ppm). The area has not been investigated in detail but appears to lie on a contact between argillite and interbedded argillite and siltstone.

Anomaly M is a broad zone of weak to moderate silver values on the Grid south ends of lines 0+00E and 1+00E. It is underlain by argillite.

Anomaly N is a zone with coincident weak copper and lead values extending from 3+00E, 0+50N to 1+00E, 0+00N along B6 road. This area lies along a linear trend of anomalies (Q', Q, N, and K)

which apparently follow a zone of mineralized shears.

Anomaly O consists of small, weak, gold and silver anomalies with a larger, weak copper anomaly paralleling stratigraphy. The area has not been investigated in detail but is apparently underlain by argillite. A mineralized shear exposed on B6 road containing elevated gold, silver and copper values (sample 4273, Plate BC-3) may trend into the Anomaly O area.

Anomaly Q extends from 8+00E, 0+50N to 5+00E, 0+75N. It is a linear anomaly, trending west-northwest along B6 road, paralleling stratigraphy and local shear zones. The zone has strong, coincident, anomalous copper, gold and zinc-in-soil values. It is underlain by phyllite cut by several mineralized shears. Samples of shears in this area (4264, 4265, 4266 and 4267, Plate BC-3) contained highly elevated gold (up to 440 ppb), copper, zinc and silver values.

Anomaly Q', extends from 11+00E, 0+50N to 9+00E, 0+75N. It is composed of high zinc values and sporadic, weak silver and copper values. The anomalous zone covers a series of pyrite and chalcopyrite bearing shears with high copper, silver, lead and zinc values.

Anomaly R is located on line 11+00E at 1+25S and 1+50S. It has adjacent, but not coincidental, weak copper and lead anomalies and is on a linear trend containing anomalies P, O and possibly M. Anomaly R is underlain by argillite.

In summary, most of the strong metal-in-soil anomalies on the B and C grids appear to be related to mineralized shears within or peripheral to gabbroic intrusives. Several significant anomalies have not been investigated.

5.5 GEOPHYSICAL SURVEYS

Geophysical investigation of the Cow property consisted of total field magnetic and VLF-EM surveys. The VLF-EM survey covered the entire A Grid and parts of the B Grid. The B and most of the C Grids were covered by a magnetic survey.

5.5.1 Survey Procedures

Magnetic Survey

Base stations were established along the B and C Grid baselines. Closed loop traverses were tied into the base stations and the data arithmetically corrected for diurnal variation. Corrected readings were checked against readings from a recording base station magnetometer (Scintrex MP-2) set up at the field office in Duncan.

Magnetic data were recorded at 25 m intervals except in anomalous areas, where fill-in readings were taken at intermediate stations.

VLF-EM Survey

VLF-EM is a well established method for detecting shallow conductive mineralization and lithologies. The method utilizes the electromagnetic field created by distant U.S. Navy transmitters at frequencies ranging from 15 to 25 kHz. The presence of conductive features is indicated by distortions of the normally planar electromagnetic field.

The VLF-EM method generally permits only a qualitative

interpretation. Although the responses from narrow bedrock sources can under some circumstances be distinguished from overburden sources, they are not universally separable.

This survey was executed using a Sabre 27 VLF-EM receiver which measures the dip angle (in degrees) of the ellipse of polarization and the relative horizontal field strength (in percent).

On the A Grid, the VLF signal from Annapolis, Maryland was used for the survey. The apparent direction to the transmitter is approximately 085°, providing effective coupling to both stratigraphy (strike 80°-100°) and structural conductors (mineralized shears strike 90°-95°).

The VLF signal used for the survey on the B Grid was from Hawaii. The apparent direction to the transmitter is 290°. Bedding strikes northwest in the B Grid area and the Hawaiian signal would couple well with stratigraphic conductors.

The signal directions recorded during the surveys do not correspond well with the true directions to the transmitters. This contradiction may have been caused by local distortions of the signal.

Data are plotted on composite profiles (Plates AB-8a through AB8-d). Contoured Fraser filtered dip angles are shown on Plates AB-7 and BC-7).

5.5.2 VLF-EM Survey Results, A Grid

The VLF-EM Survey on the A Grid detected four discrete conductive zones of significance. These conductors have been labelled 1

through 4 on Plate AB-7.

Zone 1 consists of anomalies ranging from weak to strong that span the interval from line 5+00E to 0+00E near 2+50N.

The zone exhibits an average strike of grid east-west (approximately 075° true azimuth). In detail there is a sharp kink or flexure between lines 1+00E and 2+00E.

Zone 1 is regarded as a possible bedrock source. Geological mapping indicates that a narrow, poorly exposed argillite horizon occurs along the trend of the anomaly.

Zone 2 consists of weak, poorly expressed grid east-west trending anomalous features detected on lines 0+00E and 1+00E near 2+20N.

No outcrop is noted in the area but it is presumably underlain by pyrrhotite bearing lapilli tuff and agglomerate. No reason for the anomaly is known.

Zone 3, the most prominent and persistent conductor detected on the A Grid, extends over the entire length of the survey area and likely extends further to the east and west.

The responses constituting Zone 3 vary from weak to strong, with the strongest responses observed on lines 4+00E and 7+00E. The conductive zone is regarded with some confidence as a probable bedrock source.

The eastern extremity of Zone 3 is viewed with some suspicion because it coincides with a road along which a cable was observed. It is possible that at this location there is a valid bedrock response obscured by the stronger, shallower response from the cable.

No outcrop was observed along most of the trend of the conductor. The persistence of this conductor and the recessive nature of the bedrock in the area suggests that a graphitic argillite underlies the anomaly.

A postulated synform fold axis parallels and separates conductive zones 1 and 3. It is possible that the two zones are outlining the two limbs of a single, folded argillite unit.

Zone 4 consists of weak to modest anomalies detected on lines 8+00E and 9+00E near 1+00S. The zone trends west-northwest slightly oblique to the trend of adjacent zone 3 and somewhat at variance with the inferred local geologic strike. This suggests that the two anomalous intercepts constituting zone 4 may not be related.

The better anomaly on line 9+00E is close to the location of a chert unit containing disseminated and fracture-filling pyrite and pyrrhotite. Such mineralization could be causing the response.

The VLF-EM survey has aided in the geological interpretation of the A Grid area. Argillite units were delineated as discrete conductors. The granodiorite-pyroclastic contact is outlined by a sharp drop in field strength. It is also worth noting that no discernible anomaly was detected on the southern part of line 8+00E(a) where it crosses a mineralized, gold-bearing structure.

The absence of magnetic data for the A Grid renders it more difficult to assess the structure and probable source characteristics of the various VLF-EM conductors. A magnetic survey is recommended as part of the next phase of the exploration program.

5.5.3 Magnetic Survey Results, B and C Grids

The magnetic survey on the B and C Grids defined a magnetic terrain largely devoid of any significant anomalies. On many of the lines only a very gentle gradient with a total change of less than 50 nT (1 nanotesla (nT) = 1 gamma (γ)) was observed.

Within this largely featureless magnetic terrain are a few scattered, weak to moderate, linear, northwest-trending (grid west trending) anomalies. These features are narrow, very shallow, comparatively isolated and impersistent.

A narrow, weak, linear anomaly extends from 2+00W, 2+50S to 5+00W, 3+10S. The anomaly subparallels stratigraphy and is underlain by argillite and siltstone. At 7+00W, 3+10S the magnetic anomaly is coincidental to a 0.5 m wide diabase dyke hosted in pyritic siltstone.

The largest and most notable magnetic anomaly recorded in this survey is located on lines 0+00W and 1+00W near 4+75S. The area is underlain by a weakly magnetic granodiorite or quartz diorite near its contact with siltstone, chert and a gabbroic intrusive.

In view of the general lack of characteristic or definable magnetic anomalies, the survey area cannot be sensibly divided into different magnetic domains nor is there any evidence for the presence of transverse or subparallel faulting or shearing.

The magnetic data has no outstanding anomalous features. Such a magnetic signature would be expected in an area underlain by a series of sedimentary units of the Cameron River Formation.

5.5.4 VLF-EM Survey Results, B Grid

The VLF-EM survey was restricted to two small areas in the northwest and southeast parts of the B Grid. Fraser filtered dip angle data are presented on Plates AB-7 and BC-7. Composite profiles are plotted on Plates AB-8c and AB-8d.

Four conductive features were outlined by the survey. These have been numbered 5 through 9 on the above-mentioned plates.

Zone 5 is incompletely defined on lines 11+00W and 12+00W near their northern extremities. It is a weak to moderate conductor which strikes nearly east-west (true) and may well continue further both to the east and west beyond the present restricted survey coverage.

Zone 6, the most persistent and prominent conductive feature detected in the surveys, consists of moderate to strong anomalous responses spanning lines 8+00W through 12+00W. The conductor, like Zone 5, strikes nearly east-west (true) and probably continues further to the east and west beyond the limits of the present survey.

Zones 5 and 6 are apparently underlain by argillite, although no outcrop was found in the area to confirm this. The zones do not parallel stratigraphy and it is likely that they are related to structural features (i.e. faults).

In an attempt to define the nature of the conductor in zone 6, two small cat trenches were excavated approximately 10 m west of line 9+00W at 4+55N and 4+75N. Two metres of overburden was removed from both trenches. No outcrop was exposed.

A strong anomaly extending from 12+00W, 0+25N to 8+00W, 0+50N, follows C7A road. The anomaly appears to be related to a cable lying along the road. The conductive features also parallels stratigraphy and is underlain by an argillite unit. It is possible that both the cable and the argillite unit are causing the anomaly.

Zone 7, located in the southeastern sector of the grid, extends from 0+00W to 2+00W near 1+00S, along C7 road.

The conductor is most confidently (albeit imperfectly) discerned on line 0+00 and less clearly suggested on line 2+00W. On the intervening line 1+00W a conductor may be present but is not clearly indicated because of its proximity to the edge of the survey coverage.

Zone 7, which strikes grid west (i.e., northwest), may well continue further to the northwest and southeast beyond the limits of the present survey coverage.

Zone 8, indicated in the southeast sector of grid B, consists of weak to moderate anomalous responses recorded on line 0+00 through 3+00W near 5+50S.

Geology of the area includes a relatively complex assemblage of siltstone and chert intruded by gabbroic sills and a quartz diorite plug. The conductor trends northwest, obliquely to stratigraphy and the granodiorite contact. A moderately strong magnetic feature parallels conductive Zone 8 approximately 100 m to the grid north (true northeast). Although the two geophysical anomalies are not coincident, they may both be related in some manner to the quartz diorite intrusive.

In summary, the geophysical surveys have outlined few zones of interest on the B and C Grids. The area is essentially devoid of significant magnetic features. One interesting VLF-EM indicated conductor outlined in the northwest part of the grid (Zone 6) is probably a fault crosscutting argillite and a gabbroic intrusive. Gold-bearing mineralized shears are spacially related to gabbroic intrusives in other parts of the property, making conductive Zone 6 an interesting exploration target.

5.6 DIAMOND DRILLING

5.6.1 Drilling Objectives and Summary

The drilling program on the Cow property was designed to test a mineralized, gold-bearing shear and vein zone exposed along M1A road on the A Grid (Plate AB-3). Characteristics of the vein are discussed in section 5.2.7.

A total of 99 m of diamond drilling was completed in two holes.

The holes (CO 87-1 and 2) intersected a broad fracture zone with narrow quartz veins, hosted in lapilli and sandy tuff. Gold values in the quartz vein(s?) are elevated.

Drill logs are included in Appendix V. Sections are presented on Plates AB-10a and AB-10b.

The core is stored at 331 St. Julian St., Duncan, B.C. (house rented by MPH.)

5.6.2 Lithologies and Mineralization in Drill Holes

HOLE CO 87-1

Hole CO 87-1 (Plate AB-10a) intersected interbedded agglomerate, lapilli tuff, sandy tuff and cherty tuff or siltstone of the McLaughlin Ridge Formation; and one narrow hornblende-feldspar porphyry dyke.

Clasts in the coarse-grained pyroclastics consist of trachytic feldspar porphyry, hornblende-feldspar porphyry and fine-grained siliceous material which could be sedimentary or volcanic in origin. The groundmass of these pyroclastic beds is a fine to coarse-grained sandy tuff with abundant feldspar and mafic (pyroxene?) crystal fragments.

Finer-grained tuffaceous material is as described in section 5.2.3.

A strong fracture zone was intersected between 32.0 m and 37.9 m, in cherty siltstone or tuff. A 15 cm wide vuggy quartz-carbonate vein-breccia is located on the 'lower' side of the fracture zone. The vein material contains 10% pyrite, 5% pyrrhotite and a trace of chalcopyrite. Analyses from a 0.31 m sample (15118) of this zone are: 50 ppb gold, 1.0 ppm silver, 53 ppm arsenic and 310 ppm copper.

Correlation with the surface exposure of the vein indicates that it has an approximate dip of 86° to the south.

On surface, up dip from the drill hole intersection, the vein is well mineralized with galena, chalcopyrite and sphalerite (Section 5.2.7). Sample 14024 contained 13.03 g/t (0.380 oz/T) gold across

a 5 cm vein width.

HOLE CO 87-2

Lithologies in hole CO 87-2 are as described in hole CO 87-1.

A very weak quartz stringer zone between 16.61 m and 16.76 m contains 2-3% fracture filling pyrite and 360 ppb gold.

A 10 cm wide bluish-gray quartz-carbonate vein occurs at a depth of 29 m. It contains 10% pyrite in bands parallel to the vein selvage, and traces of chalcopyrite. Analyses of the vein are: 260 ppb gold, 3.7 ppm silver, 75 ppm arsenic, 277 ppm copper, 96 ppm lead and 1226 ppm zinc (sample 15150).

A correlation between the vein in the drill hole and the vein exposed in the trench indicates that the structure dips at approximately 85° to the south.

Drilling indicates that the mineralized structure persists to depth. The source for the arsenopyrite-bearing float found on surface (samples 4288, 14017) was not found.

5.7 CORRELATION OF GEOPHYSICS, GEOCHEMISTRY AND GEOLOGY: A SUMMARY

5.7.1 Correlation of Surveys on the A Grid

A compilation of geology, mineralization, geochemical anomalies and geophysical features on the A Grid is shown on Plate AB-9.

VLF-EM data has outlined argillite units (or unit) and tentatively confirmed the existence of a synform in the northern part of the grid. The granodiorite-pyroclastic contact has been delineated by a sharp drop in field strength in areas underlain by the intrusive.

There appears to be no correlation between the results of the VLF-EM survey and the known mineralized structure on M1A road. There is also minimal correlation between VLF and metal-in-soil anomalies.

The soil geochemistry survey has outlined two east-northeast trending anomalous zones (A and B) in the southeastern part of the grid in an area intruded by a gabbroic dyke. No known structures correspond to these anomalous zones.

No significant metal-in-soil anomaly is correlative with the mineralized structure on M1A road. This may be because no soil samples were taken in the road bed along which the structure trends.

5.7.2 Correlation of Surveys on the B and C Grids

A compilation of survey data on the B and C Grids is presented on Plates AB-9 and BC-8.

The strongest VLF-EM indicated conductor is Zone 6 in the northwestern part of the grid. The anomaly does not trend parallel to stratigraphy and is probably fault related. No magnetic or significant soil geochemical anomalies are correlative with the area.

Several small sporadic, weak to moderate metal-in-soil anomalies appear to be related to gabbroic intrusives both on the north and south sides of the grid. These dykes or sills also have an associated weak magnetic signature.

Several metal-in-soil anomalies on the C Grid define two rough zones. The northern zone has several moderate coincident gold, silver, copper and zinc anomalies trending along the flank of a gabbroic intrusive and overlying a series of mineralized shears. The southern zone is composed of weak, isolated gold, silver, copper, lead and zinc anomalies. One weakly mineralized shear was discovered within the zone and other related shears may be responsible for the soil geochemical anomalies.

No anomalous magnetic features were outlined on the C Grid.

6.0 CONCLUSIONS

The Cow property is predominantly underlain by rocks of the Paleozoic Sicker Group; specifically pyroclastics and sediments of the McLaughlin Ridge and Cameron River Formations. These rocks have been intruded by Triassic gabbroic dykes and sills, possibly of the Karmutsen Formation, and Jurassic quartz diorite of the Island Intrusions.

Mineralization on the property is predominantly restricted to shear zones peripheral to gabbroic intrusives.

In the A Grid area an east-west trending shear-vein zone is exposed approximately 100 m west of a gabbroic dyke. It contains gold values up to 13.03 g/t (0.380 oz/T) across narrow (5-20 cm) vein widths.

The abundance of strong metal-in-soil anomalies in the area underlain by and adjacent to the gabbro suggests that the mineralization in the above mentioned shear zone may have been formed during the emplacement of the intrusive. There is potential for other gold-bearing shears to occur in this area.

Only small, weakly mineralized shear zones were encountered on the B Grid. These shears are located within or peripheral to gabbroic intrusives, mineralized with pyrite and chalcopyrite, and contain elevated gold, silver, copper, zinc and other values.

No source for the chert float containing pyrite, magnetite and elevated gold values was found. The magnetic survey indicates that no substantial amounts of magnetic, ferruginous chert occur in the grid area.

The soil geochemistry survey on the B Grid outlined a few sporadic, weak anomalies along the flanks of gabbroic intrusives. These zones are probably related to small mineralized shears along the intrusive contacts.

A VLF-EM indicated fault zone trends into a gabbroic dyke on the northwest part of the B Grid. The Pogo showing occurs near this zone and there is some potential for mineralization along the fault.

Apart from the above mentioned fault zone, there appears to be little potential for economic mineralization in the B Grid area.

Several narrow, pyrite and chalcopyrite-bearing shears occur in the C Grid area. They generally contain anomalous amounts of several metals including gold, silver, copper and zinc. The strongest soil geochemistry anomalies on the C Grid correspond to these shears.

It appears, therefore, that the best mineralization on the C Grid has been located and that there is little potential for an economic deposit in the area.

In summary the most interesting exploration targets on the Cow property are:

1) the area near a gabbroic intrusive on the A Grid.
2) a possible fault zone crosscutting a gabbroic body on the B Grid.

7.0 RECOMMENDATIONS

Phases I, II and III of the exploration program on the Cow property have identified several zones of interest. Recommended follow-up work is outlined in detail below.

7.1 RECOMMENDED WORK PLAN

7.1.1 Recommended Work Plan, A Grid

a) The detailed geological mapping survey in the A Grid area should be expanded to the property boundaries. The purpose of the survey would be to locate additional gabbroic intrusive bodies and possibly associated gold-bearing structures.

b) A magnetic survey is warranted on the A Grid to define the limits of the gabbroic intrusive. Magnetic survey coverage could help to trace the gabbro into the valley floor where it may intersect a major fault zone.

c) McLaughlin Ridge Formation pyroclastics warrant coverage to the property boundaries with an expanded soil geochemistry survey.

d) Areas with poor bedrock exposure peripheral to the gabbroic intrusive(s?) should have limited biogeochemical (conifer branch sample) survey coverage.

e) A small drilling program is needed to further test the known gold-bearing structure.

f) A petrographic study could help to determine if more than one phase of gabbroic intrusive occurs on the property. Gold mineralization in this area may be related to a specific intrusive event.

7.1.2 Recommended Work Plan, B and C Grids

a) Limited detailed geological mapping is recommended in areas with geochemical and/or geophysical anomalies.

b) Expanded VLF-EM coverage on the B Grid and north of the present grid limits is warranted to better define the conductive feature in this area.

c) More trenching may be needed to determine the characteristics of the above mentioned conductor.

7.2 PROPOSED PHASE IV BUDGET

FIELDWORK

Personnel	No.	Days	Rate	Cost	
Geologist	1	20	375	7,500	
Geologist	1	20	250	5,000	
Geophysical Tech.	1	7	250	1,750	
Field Assistant	2	7	150	2,100	
Core Cutter	1	10	150	1,500	
Total Personnel Cost				17,850	17,850

Equipment Rental	No.	Days	Rate	Cost	
4WD Truck	1	20	110	2,200	
4WD Truck	1	7	110	770	
Rock Saw	1	20	15	300	
Magnetometer	1	5	75	375	
VLF	1	2	35	70	
Pajari	1	10	15	150	
Total Equipment Rental Cost				3,865	3,865

Accommodation

71 Persondays @ 55	3,905

Disbursements

	Rate	Cost		
Drilling:				
300 m	80.00	24,000		
Analyses:				
250 Rock and Core (Au, ICP)	12.75	3,188		
20 Au Assay	6.00	120		
40 Conifer Branch	20.00	800		
Thin Sections, 8 @	60.00	480		
Miscellaneous		500		
Disbursement Subtotal		29,088		
Administration (15%)		4,363		
Total Disbursements Cost		33,451	33,451	
Fieldwork Subtotal			59,071	
Contingency (15%)			8,861	
Total Fieldwork Costs			67,932	$ 67,932

CONSULTING

Personnel	No.	Days	Rate	Cost	
Geological Consultant	1	7	600	4,200	
Geophysical Consultant	1	2	500	1,000	
Total Personnel Cost				5,200	5,200
Equipment Rental					
4WD Truck	1	7	110		770
Accommodation					
9 Persondays @ 55					495

Disbursements			
Miscellaneous	200		
Administration (15%)	30		
Total Disbursements Cost	230	230	
Consulting Subtotal		6,740	
Contingency (15%)		1,011	
Total Consulting Cost		7,751	$ 7,751

REPORT

Personnel	No.	Days	Rate	Cost		
Geologist	1	14	375	5,250		
Geologist (Office Assistance)	1	2	250	500		
Geologist (Proofing)	1	2	500	1,000		
Total Personnel Cost				6,750	6,750	
Disbursements						
Drafting Supplies				300		
Drafting				1,700		
Copying, Reproductions				500		
Miscellaneous				500		
Disbursements Subtotal				3,000		
Administration (15%)				450		
Total Disbursements Costs				3,450	3,450	
Report Subtotal					10,200	
Contingency (15%)					1,530	
Total Report Cost					11,730	$ 11,730

Estimated Total Project Cost **$ 87,413**

7.3 PROPOSED PHASE IV WORK SCHEDULE

	WEEK						
	1	2	3	4	5	6	7
GEOLOGIST							
- Mapping	———	———					
- Drill Program			———	———			
- Report						———	———
GEOLOGIST							
- Mapping	———	———					
- Drill Program			———	———			
MAGNETIC SURVEY	———						
VLF-EM SURVEY		—					
SOIL SAMPLING		———	———				
SAMPLE ANALYSES			— —	— —	— —	—	
DIAMOND DRILLING			———	———			
CONSULTING	—		—				—

7.4 SUMMARY OF RECOMMENDATIONS

On the basis of the encouraging results from Phases I, II and III of the exploration program it is recommended that exploration work continue with Phase IV.

The proposed program would concentrate on the A Grid area with limited activities on the B and C Grids. Work in the A Grid area would include: expanded geological and soil geochemical surveys, a magnetic survey, 400 m of diamond drilling and a petrographic study. The progam on the B and C Grids would include expanding the VLF-EM survey coverage, limited mapping and possibly trenching.

The estimated cost of this program is approximately $90,000.

Respectfully submitted

MPH CONSULTING LIMITED

Gordon J. Allen

Duncan, B.C.
February 27, 1987

Gordon J. Allen, P.Geol.

MPH

CERTIFICATE

I, Gordon J. Allen, do hereby certify;

1) I am a graduate in geology of the University of British Columbia (B.Sc. 1975).

2) I have practised as a geologist in mineral exploration for twelve years.

3) I am a member in good standing of the Association of Professional Engineers, Geologists and Geophysicists of Alberta.

4) Opinions, conclusions and recommendations contained herein are based on field work performed by myself and other MPH personnel between October 1986 and January, 1987.

5) I own no direct, indirect, or contingent interests in the subject property, or shares or securities of International Cherokee Developments Limited or associated companies.

Gordon J. Allen

Duncan, B.C.
February 27, 1987

Gordon J. Allen, P. Geol.

REFERENCES

Brandon, M.T., Orchard, M.J., Parrish, R.R., Sutherland Brown, A., and Yorath, C.J. 1986. Fossil ages and isotopic dates from the Paleozoic Sicker Group and associated intrusive rocks, Vancouver Island, British Columbia; in Current Research, Part A, Geological Survey of Canada, Paper 86-1A, pp 683-696.

Carson, D.J.T. 1968. Metallogenic Study of Vancouver Island with Emphasis on the Relationships of Mineral Deposits to Plutonic Rocks; Ph.D. Thesis, Carleton University.

Cowley, P. 1979. Correlation of Rhodonite Deposits on Vancouver Island and Saltspring Island, British Columbia; UBC B.Sc. Thesis, April 1979.

Fyles, J.T. 1949. Geology and Manganese Deposits of the North Shore of Cowichan Lake, Vancouver Island, B.C.; UBC M.A.Sc. Thesis, April 1949.

Fyles, J.T. 1955. Geology of the Cowichan Lake area, Vancouver Island, British Columbia; BCDM Bull. 37.

Isachsen, C. 1984. Geology, Geochemistry, and Geochronology of the Westcoast Crystalline Complex and Related Rocks, Vancouver Island, British Columbia; UBC M.Sc. Thesis, September 1984.

Massey, N. 1987. Geology of the Cowichan Lake Area, NTS 92C/16; Province of British Columbia, Ministry of Energy, Mines and Petroleum Resources, Open File 1987/2.

Muller, J.E. 1977. Geology of Vancouver Island (West Half); GSC Open File 463.

Muller, J.E. 1980a. The Paleozoic Sicker Group of Vancouver Island, British Columbia; GSC Paper 79-30.

Muller, J.E. 1980b. Geology, Victoria Map Area, Vancouver Island and Gulf Islands, British Columbia; GSC Open File 701.

Muller, J.E. 1981. Insular and Pacific Belts; GAC-MAC-CGU, Annual Meeting, 1981, Calgary. Field Guides to Geology and Mineral Deposits, pp 316-334.

Muller, J.E. 1982. Geology of Nitinat Lake Map Area, British Columbia; GSC Open File 821.

Muller, J.E. and Carson, D.J.T. 1969. Geology and Mineral Deposits of Alberni Map-Area, British Columbia (92F); GSC Paper 68-50.

Neale, T. 1984. Compilation of Mineral Occurrences of the Sicker Group, Vancouver Island, British Columbia; for MPH Consulting Limited.

Neale, T. and Hawkins, T.G. 1985. Assessment Report on Reconnaissance Geological Mapping and Rock Sampling of the Cow Property; for JBL Resources Ltd., December 17, 1985.

Neale, T. and Le Bel, J.L. 1985. Preliminary Assessment and Recommended Work Program, Cow Property; for JBL Resources Ltd., April 30, 1985.

Walker, R.R. 1983. Ore Deposits at the Myra Falls Minesite; Western Miner, May 1983, pp 22-25.

Wilson, E.M. 1964. Geological Report on the Pogo Mineral Claim Group; BCDM Assessment Report 566.

APPENDIX I

LIST OF PERSONNEL AND STATEMENT OF EXPENDITURES

LIST OF PERSONNEL AND
STATEMENT OF EXPENDITURES

The following expenses have been incurred on the Cow property as defined in this report for the purposes of mineral exploration between the dates of September 21, 1986 and February 27, 1987.

PERSONNEL

T. G. Hawkins, P. Geol., Geological Consultant				
	2 Days	@	475	950.00
J. Roth, M.A., Geophysical Consultant				
	3 Days	@	450	1,350.00
G. Allen, P. Geol., Project Manager,				
	50 Days	@	350	17,500.00
J. Getsinger, Ph.D., Geologist				
	4.5 Hours	@	50	225.00
T. Hayes, Field Coordinator				
	6 Days	@	250	1,500.00
B. Thomae, B.Sc., Geologist				
	0.5 Hours	@	35	17.50
T. Naciuk, B.Sc., Geologist				
	1 Day	@	150	150.00

H. Eijgel, B.Sc., Geologist

3	Hours	@	35	105.00

D. Ames, B.Sc., Geologist

12	Days	@	150	1,800.00

G. Roste, B.Sc., Geologist

13	Days	@	150	1,950.00

G. Royer, Geologist

3	Days	@	150	450.00

H. MacIsaac, B.Sc., Geophysical Tech.

4	Days	@	150	600.00

G. Pringle, Geologist

1.5	Days	@	150	225.00

J.P. Slominski, Geophysical Tech.

8	Days	@	250	2,000.00

H. Chaudet, Field Assistant

10	Days	@	150	1,500.00

S. Hawkins, Field Assistant

9	Days	@	150	1,350.00

T. Wilkinson, Field Assistant

12	Days	@	150	1,800.00

J. Elliot, Field Assistant

6	Days	@	150	900.00

L. Pham, Field Assistant					
3	Days	@	150	450.00	
Field Plotting					
29.75	Hours	@	10	297.50	
Total Personnel Cost				35,120.00	$35,120.00

EQUIPMENT RENTAL

4x4 Truck	52	Days	@ 90	4,680.00	
Magnetometer	7	Days	@ 150	1,050.00	
VLF-EM Receiver	4	Days	@ 25	100.00	
Pajari	5	Days	@ 15	75.00	
Rock Saw	11	Days	@ 15	165.00	
Total Equipment Rental Cost				6,070.00	$ 6,070.00

ACCOMMODATION AND FOOD

138 Persondays		@ 40			$ 5,520.00

DISBURSEMENTS

Analyses					
228	Rock	(Au, ICP)	@ 12.75	287.00	
75	Core	(Au, ICP)	@ 12.75	956.25	
1099	Soil	(Au, ICP)	@ 10.60	11,649.40	
32	Silt	(Au, ICP)	@ 11.75	376.00	
32	Rock	(Assay Au)	@ 6.00	192.00	
5	Rock	(Assay Ag)	@ 6.00	30.00	
2	Rock	(Assay Cu)	@ 6.00	12.00	
1	Rock	(Assay Zn)	@ 6.00	6.00	
				16,128.65	16,128.65

Drilling Costs		
Drilling Contractor	8,059.00	
Cat and Lowbed Charges	1,506.25	
Custom Topographic Map Prep.	2,524.29	
Report Preparation Costs		
Drafting Supplies	200.00	
Drafting	1,887.50	
Typing	575.85	
Map Reproduction	1,172.73	
Copying and Binding Reports	505.25	
Miscellaneous		
(Gas, Phone, Courier, Maps, Supplies Etc.)	1,786.35	
Disbursements Subtotal	34,345.87	
Administration (15%)	5,151.88	
Total Disbursements	39,497.75	$ 39,497.75
Total Cost of Project		**$ 86,207.75**

APPENDIX II

ROCK SAMPLE DESCRIPTIONS AND LITHOGEOCHEMICAL RESULTS

ABBREVIATIONS

MINERALS

AB	Albite
AS	Arsenopyrite
CB, CARB	Carbonate
CP	Chalcopyrite
CHL	Chlorite
CZ	Clinozoisite
DI	Diopside
EP	Epidote
FSP	Feldspar
GL	Galena
GT	Garnet
HM	Hematite
HB	Hornblende
LEUC	Leucoxene
MT	Magnetite
MC	Malachite
PLAG	Plagioclase
PY	Pyrite
PX	Pyroxene
PO	Pyrrhotite
QZ	Quartz
SER	Sericite
SL	Sphalerite

LITHOLOGY

AGGL	Agglomerate
ARG	Argillite
BAS	Basalt
CARB	Carbonate
CHT	Chert
CONG	Conglomerate
XLT	Crystal Tuff
DIAB	Diabase
DIOR	Diorite
FHP	Feldspar Hornblende Porphyry
FBX	Flow Breccia
GABB	Gabbro
HYAL	Hyaloclastite
LMST	Limestone
MAF	Mafic (Basalt, Andesite)
QFP	Quartz Feldspar Porphyry
SDST	Sandstone
STST	Siltstone
SKN	Skarn
VN, VNLT	Vein, Veinlet

COLOUR

BLK	Black
BLU	Blue
BRN, BN	Brown
GN	Green
GY	Gray
OL	Olive
RD	Red
WHT	White

TEXTURES AND ALTERATION

ALT'D	Altered
AMYG'L	Amygdaloidal
ANG	Angular
ANH	Anhedral
BDD	Bedded
BX'D, BX'N	Brecciated, Brecciation
CHTY	Cherty
CHL'C	Chloritic
XLLINE	Crystalline
DISS	Disseminated
EP'C	Epidotitic
EUH	Euhedral
FG	Fine Grained
MG	Medium Grained
CG	Coarse Grained
GRAD	Gradational
HM'C	Hematitic
LAM'D	Laminated
MSV	Massive
MED	Medium (Bedded), 2-10 mm
P	Porphyry, Phyric
PY'C	Pyritic
RDD	Rounded
SER'C	Sericitic
SIL, SIL'D	Siliceous, Silicified
SUB-ANG	Subangular
SBH	Subhedral
TK	Thick (Bedded), >10 mm
VES	Vesicular

GENERAL

ABDT	Abundant
AMYG	Amygdule
AV	Average
BDG	Bedding
BX	Breccia
BC	Broken Ground
CMT	Cement
CM	Chill Margin
XL	Crystal
CT	Contact
CA	Core Axis
Ø, DIA	Diameter
FRCR	Fracture
FRAG	Fragment
GO	Gouge
GND	Ground
GM	Groundmass
J	Joint
LAM	Laminated
MOD	Moderate
NTWK	Network
PHENO	Phenocryst
QCV	Quartz Carbonate Vein
QV	Quartz Vein
SHR	Shear
STG	Stringer
STR, STRLY	Strong, Strongly
SX	Sulphides
TR	Trace
W, $\bar{W}$, W/	With

ROCK SAMPLE DESCRIPTIONS & LITHOGEOCHEMICAL RESULTS

Sample No	Description	Au ppb	Ag ppm	As ppm	Cu ppm	Other ppm
713	Location: C7B Road, On Cow 14 Claim Rock Type: Lapilli Tuff? Sandstone? Occurrence Type, Size: Outcrop, Large Dark brown to black fine-grained tuff or sandstone with 3-4 mm light gray siliceous fragments aligned parallel to bedding. From 3-5% disseminated pyrite throughout.	20	0.2	20	190	
714	Location: C7B Road, on Cow 14 Claim Rock Type: Sandstone(?), Lapilli Tuff (?) Occurrence Type, Size: Outcrop, Large Similar to 713. 3-5% fracture filling pyrite.	5	0.2	15	32	
715	Location: C7B Road on Cow 12 Claim Rock Type: Sandstone(?), Tuff(?) Occurrence Type, Size: Similar to 713. 4-6% disseminated and fracture filling pyrite.	5	0.2	15	74	
716	Location: C7B Road on Cow 12 Claim Rock Type: Cherty Sediment Occurrence Type, Size: Outcrop, Large Banded light to dark gray cherty sediment (tuff?). Bands are convoluted (soft sediment deformation?) and 1-9 mm thick. The rock contains 3-5% fracture filling and disseminated pyrite, and is cut by quartz stringers up to 1 mm thick.	5	0.2	25	72	11Mo

Sample No	Description	Au ppb	Ag ppm	As ppm	Cu ppm	Other ppm
717	Location: C7B Road on Cow 12 Claim Rock Type: Cherty Sediment Occurrence Type, Size: Outcrop, Large Banded gray to gray-brown cherty sediment (tuff?) with 5% 1-2 mm subangular fragments and minor hematitic alteration. Quartz stringers up to 2 mm wide parallel bedding. Py 3%, trace chalcopyrite.	5	0.2	20	107	470Ba
718	Location: B6X Road on Cow 12 Claim Rock Type: Sandstone (Tuff?) Occurrence Type, Size: Outcrop Large Similar to sample No. 713, with elongated fragments to 4 mm and 3-5% fracture filling pyrite.	5	0.2	25	80	
719	Location: B6X Road on Cow 12 Claim Rock Type: Sandstone (Tuff?) Dark blue-gray fine-grained clastic with 30% Py and 2-3% chalcopyrite. The rock weathers to a soft, earthy, dark brown material.	90	6.4	30	1395	180Zn 74Co 2051Mn
720	Location: B6X Road on Cow 12 Claim Rock Type: Sandstone Occurrence Type, Size: Outcrop Large Dark brown to black, fine-grained sandstone with 3-5% disseminated pyrite.	5	0.2	15	84	

Sample No	Description	Au ppb	Ag ppm	As ppm	Cu ppm	Other ppm
721	Location: B6X Road on Cow 12 Claim Rock Type: Sandstone Occurrence Type, Size: Outcrop Large Dark brown fine-grained sandstone with 3-5% fracture filling and disseminated pyrite.	5	0.2	30	109	
722	Location: B6X Road on Cow 12 Claim Rock Type: Interbedded Sandstone and Cherty Sediment Occurrence Type, Size: Outcrop Large Dark gray to dark brown interbedded sandstone and cherty sediment. Cherty bands up to 1 cm wide. 2-4% fracture filling pyrite.	5	0.2	30	79	
725	Location: Zizac Creek Area, Cow 14 Claim Rock Type: Quartz Vein Occurrence Type, Size: Outcrop Up to 35 cm wide vein. Trace pyrite.	5	0.2	<5	37	
726	Location: Zizac Creek, Cow 14 Claim Rock Type: Cherty Tuff Occurrence Type, Size: Outcrop Large Banded dark brown to medium gray cherty sediment with very fine grained sand sized particles. The rock has a slight hematitic alteration and contains traces of disseminated pyrite and pyrrhotite.	5	0.2	15	121	

Sample No	Description	Au ppb	Ag ppm	As ppm	Cu ppm	Other ppm
727	Location: Zizac Creek, Cow 14 Claim Rock Type: Gabbro Medium-grained equigranular intrusive with 40% (+) hornblende, 40% (+) feldspar, and 2-3% @ Py and Po.	5	0.2	10	169	
728	Location: Zizac Creek, Cow 14 Claim Rock Type: Cherty Tuff Banded dark brown to medium gray cherty sediment with 1-2% fracture filling pyrite and 5% disseminated pyrrhotite.	5	0.2	15	229	
729	Location: Zizac Creek, Cow 14 Claim Rock Type: Cherty Tuff Occurrence Type, Size: Outcrop 3 cm wide zone Cherty tuff similar to 728 contains a 3 cm wide sulphide rich zone parallel to bedding. The zone contains 5-7% Py, 2-4% Cp, 3-5% Po. Sulphides are disseminated and fracture filling.	420 0.014 oz/T Au 0.48 g/t Au	1.0	30	281	26Pb 210Zn
730	Location: 20 m N of Zizac Creek, on Cow 14 Claim Rock Type: Agglomerate Occurrence Type, Size: Outcrop Large Medium greenish-gray agglomerate with rounded to angular clasts up to 15 cm, 5-7% disseminated pyrrhotite and 2-4% fracture filling pyrite.	5	0.2	10	59	

Sample No	Description	Au ppb	Ag ppm	As ppm	Cu ppm	Other ppm
731	Location: Near Zizac Creek, on Cow 14 Claim Rock Type: Agglomerate Occurrence Type, Size: Outcrop Large Similar to 730. 10-15% fracture filling and disseminated pyrite and a trace of chalcopyrite.	10	0.4	15	659	
1301	Location: On C8 Road, Cow 14 Claim Rock Type: Gabbro Occurrence Type, Size: Few meter wide alteration zone Sample was taken from an alteration zone near a gabbroic intrusive. Part of the sampled material is clearly cherty greenish-gray sediment. The mineralized part is a fine-grained dark green chloritic material which is probably gabbroic. It contains up to 5% @ Py and Cp.	270 0.010 oz/T Au 0.34 g/t Au	28.0	45 2.68 % Cu	>9999	142Co 10Sb 2546Zn
1302	Location: On C8 Road, Cow 14 Claim Rock Type: Sheared Gabbro Occurrence Type, Size: Outcrop, Few centimetre wide shear in few metre wide dyke. Medium-grained dark green equigranular gabbro. Color index appears to be approximately 50 with mafics altered almost totally to chlorite. The shears are filled with barren white quartz and carbonate stringers.	540 0.016 oz/T Au 0.55 g/t Au	0.2	20	280	329V

Sample No	Description	Au ppb	Ag ppm	As ppm	Cu ppm	Other ppm
1303	Location: On C8 Road, Cow 14 Claim Rock Type: Gabbro?, Sediment? Occurrence Type, Size: Outcrop Few metre wide exposure. Fine-grained dark green chloritic material with fine-grained white crystal intergrowth (feldspar?), 5-10% rounded brownish bodies up to 0.5 mm (garnet?), and 2-3% @ of disseminated Py and Cp. The rock could be a skarn (originally a diabase?).	470 0.016 oz/T Au 0.55 g/t Au 0.72 oz/T Ag 3.04 % Cu	24.0	30	9999	126Co 14Mo
1304	Location: Uncertain. Probably on north part of Cow 11 Claim Rock Type: Quartz Diorite Occurrence Type, Size: Grab Rock is somewhat altered and textures are not clear. Probably a fine-grained felsic intrusive with 30%(+) greenish-grey feldspar crystals to 1 mm in a light gray fine-grained groundmass. The rock contains 20% fracture filling and disseminated pyrite.	10	1.2	5	811	10Mo
1307	Location: Branch Road Off B6 On Cow 12 Claim Rock Type: Gabbro (?) Occurrence Type, Size: Outcrop Dark greenish-gray sheared medium-grained gabbro. Vague, gray, subhedral to subrounded feldspar phenocrysts up to 2 mm (~25%) in a fine-grained weakly foliated chloritic groundmass. Tr Cp.	5	0.8	10	900	

Sample No	Description	Au ppb	Ag ppm	As ppm	Cu ppm	Other ppm
1308	Location: Branch Road West Off B6 on Cow 12 Claim Rock Type: Argillite Occurrence Type, Size: Float Dark gray moderately siliceous argillite with 10% gray rounded chiastolite porphyroblasts up to 1 mm. 2-3% very fine-grained disseminated Py.	5	0.4	10	89	
1309	Location: Branch Road West Off B6 on Cow 12 Claim Rock Type: Siltstone Occurrence Type, Size: Outcrop, Large Light to medium bluish-gray siliceous poorly bedded siltstone. Trace Cp along fractures. Weathers to a strong limonitic brown.	70				
1967	Location: On Chemainus River 80 m NW of Cow 12 LCP. Rock Type: Conglomerate Occurrence Type, Size: Float The rock is mottled light green, gray, tan, and dark gray with subangular fragments of chert, intrusives (etc). The matrix is composed of a light green siliceous material with 2-4% disseminated pyrite and 5-8% disseminated pyrrhotite.	5	0.4	5	124	

Sample No	Description	Au ppb	Ag ppm	As ppm	Cu ppm	Other ppm
1968	Location: On Chemainus River Below Copper Canyon Main Road on Cow 14 Claim Rock Type: Calcite Vein in Argillite Occurrence Type, Size: Float The calcite is white, coarse-grained, and hosted in black argillite. A 5 mm brecciated zone along the vein selvage contains traces of disseminated pyrite.	50	0.2	30	104	10Sb
1969	Location: On Chemainus River Below Copper Canyon Main Road on Cow 14 Claim Rock Type: Argillite Occurrence Type, Size: Float Black siliceous (cherty) argillite with 2-3 mm wide quartz stringers, 2-3% disseminated pyrite, 2-3% fracture filling pyrite and traces of chalcopyrite.	5	0.2	5	46	
1970	Location: Zizac Creek on RA Claims Rock Type: Cherty Tuff and Feldspar Crystal Tuff Occurrence Type, Size: Grab Dark bluish-gray well bedded cherty tuff inter-bedded with medium to coarse-grained feldspar crystal tuff with 5% disseminated Po.	5	0.2	10	67	

Sample No	Description	Au ppb	Ag ppm	As ppm	Cu ppm	Other ppm
1971	Location: Zizac Creek on RA Claims Rock Type: Tuff Occurrence Type, Size: Float Light olive green to black siliceous fine-grained groundmass with 50% subrounded to subangular light gray to light green felsic fine-grained lithic fragments averaging 2-3 mm in diameter. The rock contains 2-3% @ fine-grained disseminated Py and Po.	5	0.2	5	225	
1972	Location: Zizac Creek on RA Claims Rock Type: Lapilli Tuff Occurrence Type, Size: Outcrop The groundmass is composed of medium greenish-gray siliceous material with 15-20% subangular to subrounded feldspar, crystal fragments and lithic fragments to 2 mm. The groundmass hosts 50% angular lithic fragments from 4 mm to 1 cm in diameter of fine-grained feldspar porphyry and aphenitic felsic material, and 2-5% disseminated pyrrhotite.	5	0.2	5	203	
1973	Location: Zizac Creek on RA Claims Rock Type: Tuff, Cherty Tuff Occurrence Type, Size: Outcrop Large Inter-bedded dark brown cherty tuff and coarse-grained lithic tuff with 1-2% Po.	5	0.2	5	90	

Sample No	Description	Au ppb	Ag ppm	As ppm	Cu ppm	Other ppm
1974	Location: Zizac Creek on RA Claims Rock Type: Lapilli Tuff (Sedimentary Breccia?) Occurrence Type, Size: Outcrop Large Dark bluish-gray siliceous fine-grained sediment(?) fragments in a coarse-grained clastic (tuffaceous?) matrix. Some larger fragments are rounded and appear to embay some of the tuffaceous matrix. These fragments could have been soft sediment fragments. Turbidite? 3-5% fine-grained disseminated Po predominantly in the tuffaceous groundmass.	5	0.2	5	104	
1975	Location: Zizac Creek Cow 14 Claim Rock Type: Cherty Tuff & Tuff Occurrence Type, Size: Outcrop Large Inter-bedded dark brown cherty tuff and coarse-grained lithic tuff with 3-5% disseminated pyrrhotite in the coarser-grained parts.	5	0.2	5	61	
1976	Location: Zizac Creek on Cow 14 Claim Rock Type: Lapilli Tuff Occurrence Type, Size: Outcrop Large Coarse-grained dark green lithic tuff groundmass with 30%(+) subrounded and subangular lithic fragments of feldspar porphyry and fine-grained siliceous material (sediment?, volcanic?) up to 1 cm in diameter. Coarse-grained tuff contains 5% Po.	5	0.2	10	126	

Sample No	Description	Au ppb	Ag ppm	As ppm	Cu ppm	Other ppm
1977	Location: Zizac Creek on Cow 14 Claim Rock Type: Tuff Lapillistone Occurrence Type, Size: Outcrop Large Dark greenish-gray to brownish-gray coarse-grained lithic tuff groundmass with 50% angular to subrounded lithic fragments (fine-grained porphyry, fine-grained sediments?) up to 1 cm and 2-4% fine-grained disseminated Po (in groundmass).	5	0.2	10	92	
1978	Location: Zizac Creek on Cow 14 Claim Rock Type: Tuff Occurrence Type, Size: Outcrop Large Medium to coarse-grained lithic tuff with abundant feldspar crystal fragments to 1 mm and 5% fine-grained disseminated Po.	5	0.2	15	82	
1979	Location: Zizac Creek on Cow 14 Claim Rock Type: Tuff Occurrence Type, Size: Outcrop Large Dark greenish-gray (overall colour) coarse-grained lithic tuff with subrounded to sub-angular porphyry fragments to 4 mm, 15-20% subangular to sub-rounded dark green feldspar crystal fragments to 1 mm and 5% fracture related and dis-seminated pyrite.	5	0.2	20	137	

Sample No	Description	Au ppb	Ag ppm	As ppm	Cu ppm	Other ppm
1980	Location: Zizac Creek on Cow 14 Claim Rock Type: Cherty Tuff Occurrence Type, Size: Outcrop Few cm wide Silicified zone in fine-grained tuff with 15% fracture related pyrite. Probably a silicified shear zone.	5	1.0	<5	769	82Co
1982	Location: Zizac Creek on Cow 14 Claim Rock Type: Silicified Tuff Occurrence Type, Size: Outcrop Large Light gray extremely siliceous material with vague subrounded to subangular fragments to 3 mm and 2-3% Py along hairline fractures.	5	0.2	15	97	
1983	Location: Zizac Creek on Cow 14 Claim Rock Type: Lapilli Tuff Occurrence Type, Size: Outcrop Large Light gray to medium greenish-gray siliceous porphyry fragments up to 1 cm in a siliceous, c.g. tuff groundmass. Porphyry fragments are flattened and may be pumice.	5	0.2	20	120	

Sample No	Description	Au ppb	Ag ppm	As ppm	Cu ppm	Other ppm
1984	Location: Zizac Creek on Cow 14 Claim Rock Type: Sheared Tuff Occurrence Type, Size: Outcrop Few cm wide Medium greenish-gray sheared siliceous tuff with 15% fine-grained pyrite in 2-3 mm bands parallel to foliation.	5	0.4	25	202	
1985	Location: Zizac Creek on Cow 14 Claim Rock Type: Tuff Occurrence Type, Size: Outcrop Large Medium grey siliceous medium-grained tuff with 5-8% fracture and disseminated pyrite.	5	0.2	10	170	
1986	Location: Zizac Creek on Cow 14 Claim Rock Type: Quartz Vein Occurrence Type, Size: Outcrop 5 cm(+) wide quartz vein. White to bluish-grey quartz vein up to 5 cm wide with 5% fracture filling pyrite.	5	0.2	5	64	
1987	Location: Zizac Creek on Cow 14 Claim Rock Type: Tuff (?) Occurrence Type, Size: Outcrop Light grey silicified tuff (?) with 15-20% vague grey fragments to 2 mm. 5% pyrite along fractures.	5	0.2	10	51	

Sample No	Description	Au ppb	Ag ppm	As ppm	Cu ppm	Other ppm
1988	Location: Zizac Creek on Cow 14 Claim Rock Type: Quartz Vein Occurrence Type, Size: Outcrop Few cm wide vein Medium grey colored quartz with 5% pyrite along fractures and 10% soft earthy black material which may be altered sulphides.	5	0.4	10	386	
1989	Location: Zizac Creek on Cow 14 Claim Rock Type: Feldspar Porphyry Occurrence Type, Size: Outcrop Light greenish-grey siliceous fine-grained groundmass with 15% white, stubby subhedral feldspar phenocrysts up to 1 mm and 5% Po (disseminated and along fractures).	5	0.2	10	142	
1990	Location: Zizac Creek on Cow 14 Claim Rock Type: Quartz Vein Occurrence Type, Size: Outcrop 5 cm wide vein Opaque white to translucent grey quartz vein with 15% @ Py and Po in masses to 2 cm x 1 cm and 1-2% Cp.	50	1.6	<5	994	94Co

Sample No	Decription	Au ppb	Ag ppm	As ppm	Cu ppm	Other ppm
1991	Location: Zizac Creek on Cow 14 Claim Rock Type: Tuff Lapillistone (Conglomerate) Occurrence Type, Size: Outcrop Predominantly rounded lithic fragments of feldspar porphyry and fine-grained siliceous material up to 1 cm in a coarse-grained tuffaceous matrix with 5% disseminated Po.	5	0.2	10	91	
1992	Location: Zizac Creek on Cow 14 Claim Rock Type: Tuff Occurrence Type, Size: Outcrop Large The rock is a medium greenish-gray tuff with 5% disseminated pyrrhotite.	5	0.2	10	395	
1993	Location: Zizac Creek on Cow 14 Claim Rock Type: Quartz Vein Occurrence Type, Size: Outcrop A 1 cm wide quartz vein is hosted in coarse-grained tuff. The vein contains up to 25% fracture filling Py.	5	0.2	10	162	
1994	Location: M2A Road on Cow 14 Claim Rock Type: Lithic Tuff Occurrence Type, Size: Outcrop Dark greenish-gray tuff with porphyritic lithic fragments to 1 cm in a medium-grained tuffaceous matrix with 2-3% fracture related pyrite.	5	0.2	5	80	

Sample No	Description	Au ppb	Ag ppm	As ppm	Cu ppm	Other ppm
1995	Location: M2A Road on Cow 14 Claim Rock Type: Quartz Vein Breccia Occurrence Type, Size: Outcrop, 5 cm wide vein zone Silicified, brecciated tuff with quartz stringers to 0.5 cm across a 5 cm wide zone. The host cherty tuff contains up to 5% Py along fractures.	5	0.2	<5	91	
1996	Location: M2A Road on Cow 14 Claim Rock Type: Tuff Occurrence Type, Size: Outcrop, Large Dark gray medium-grained siliceous lithic tuff with 5-8% fine-grained disseminated pyrrhotite.	20	0.2	<5	250	
1997	Location: M2A Road on Cow 14 Claim Rock Type: Aplite Occurrence Type, Size: Outcrop, 2-3 m wide dyke Fine-grained equigranular felsic dyke with stubby white feldspar phenocrysts 0.5-1 mm in diameter and up to 5% pyrite along closely-spaced, parallel hairline fractures.	5	0.4	<5	39	

Sample No	Description	Au ppb	Ag ppm	As ppm	Cu ppm	Other ppm
1998	Location: M2A Road near M2A1 Road Junction on Cow 14 Claim Rock Type: Cherty Tuff Occurrence Type, Size: Outcrop Medium grey cherty tuff (?) cut by a 1 cm silicified zone with 30-40% Py.	5	0.2	5	571	68Co
1999	Location: M2A1 Road on Cow 14 Claim Rock Type: Tuff Occurrence Type, Size: Outcrop, Large Medium-grained feldspar crystal fragments and lithic fragments to 1 mm in a siliceous olive green fine-grained groundmass with 2-3% disseminated pyrrhotite.	5	0.2	< 5	99	
2000	Location: M4F1 Road on Cow 14 Claim Rock Type: Diabase? Occurrence Type, Size: Outcrop Fine-grained siliceous black groundmass with 10% subhedral greenish-grey feldspar phenocrysts up to 3 mm in length and up to 3% disseminated and fracture filling pyrite.	5	0.2	< 5	495	

Sample No	Description	Au ppb	Ag ppm	As ppm	Cu ppm	Other ppm
3401	Location: M4 Road Cow 14 Claim Rock Type: Quartz Vein Occurrence Type, Size: Outcrop, 2-3 cm A 2-3 cm white quartz vein contains 2-3 mm blebs of molybdenite (1% overall). The vein is hosted in quartz diorite near its contact with tuffs.	5	0.2	5	1	1125Mo
3402	Location: M4 Road on Cow 14 Claim Rock Type: Quartz Vein and Tuff Occurrence Type, Size: Outcrop, 2-3 cm wide quartz veins A 2-3 cm limonitic weathering quartz vein with up to 2% fine-grained pyrite is hosted in a dark grey feldspar crystal tuff as described in 3403.	5	0.2	5	99	
3403	Location: M4 Road, Cow 14 Claim Rock Type: Crystal Tuff Occurrence Type, Size: Outcrop, Large Medium-grained feldspar crystal tuff with 50% subrounded feldspar crystal fragments in a dark grey siliceous groundmass. Contains 5% fine-grained disseminated pyrrhotite.	5	0.2	5	131	

Sample No	Description	Au ppb	Ag ppm	As ppm	Cu ppm	Other ppm
3404	Location: M4 Road near M4F1 Junction on Cow 14 Claim Rock Type: Lapilli Tuff (Sedimentary Breccia?) Occurrence Type, Size: Outcrop, Large This tuff contains light gray to black, subangular to subrounded lithic fragments up to 1 cm. Lithologies of fragments include fine-grained feldspar porphyry and fine-grained siliceous material which could be sedimentary or volcanic. The matrix is composed of coarse-grained lithic tuff with 2-3% disseminated Po.	5	0.2	5	145	
3405	Location: M4F1 Road, Cow 14 Claim Rock Type: Lapilli Tuff Occurrence Type, Size: Outcrop, Large Subrounded feldspar porphyry fragments up to 2 cm in diameter have a dark greenish-gray groundmass. They are hosted in a dark green chloritic, siliceous coarse-grained tuffaceous matrix with 3% @ Py and Po.	5	0.2	5	318	
3410	Location: Copper Canyon Main, Cow 15 Claim Rock Type: Cherty Sediment (Tuff?) Occurrence Type, Size: Outcrop Extremely siliceous cherty sediment. The rock is mottled dark greenish-gray to brownish-gray. No sedimentary features are apparent. Lenses up to 1 cm contain 25% pyrite. Pyrite content averages 2% overall.	5	0.2	5	19	114Zn

Sample No	Description	Au ppb	Ag ppm	As ppm	Cu ppm	Other ppm
3411	Location: B9 Road, North of Cow 13 Claim Rock Type: Quartz Vein Occurrence Type, Size: Outcrop, 1-2 cm wide vein Rusty weathering quartz vein hosted in dark grey to black sandy feldspar crystal tuff. The vein contains 1-2% pyrite along fractures.	5	0.2	5	73	230Zn
3412	Location: B9 Road, North of Cow 13 Claim Rock Type: Quartz Vein Occurrence Type, Size: Outcrop, 5 cm wide vein Vein material is vuggy, weakly colloform and ranges in colour from white to dark bluish-grey. It contains traces of pyrite and weathers to a limonitic brown or yellow.	5	0.2	5	134	
3918	Location: C8 Road, North of Cow 15 Claim Rock Type: Siltstone Occurrence Type, Size: Outcrop, 5 m x 30 m The rock is fine-grained black to grey, well bedded (0.5 to 10 mm), and has soft sediment deformation texture. It contains traces of fine-grained disseminated pyrite.	5	0.4	5	78	30Pb

Sample No	Description	Au ppb	Ag ppm	As ppm	Cu ppm	Other ppm
3919	Location: On C7A Road near Intersection with C7 Road Rock Type: Quartz Stringers in Cherty Siltstone Occurrence Type, Size: Float Narrow, milky white quartz stringers hosted in cherty siltstone. Up to 2% pyrite plus pyrrhotite associated with stringers.	5	0.4	5	62	116Zn
3920	Location: On C8 Road North of Cow 15 Claim Rock Type: Slate Occurrence Type, Size: Outcrop, 6 m x 100 m Gray to black slate with up to 2% pyrrhotite concentrated in narrow sandy beds a few cm thick. Some beds show soft sediment slumping features.	5	0.2	5	124	102Zn
3921	Location: On C8 Road North of Cow 15 Claim Rock Type: Slate Occurrence Type, Size: Outcrop, 6 m x 100 m Black slaty argillite with 1% fracture filling pyrite.	5	0.2	5	76	
3922	Location: On Creek, below C8 Road on Cow 15 Claim Rock Type: Siltstone Occurrence Type, Size: Outcrop, 1 m x 2 m Black to grey siltstone with traces of disseminated pyrite.	5	0.2	15	68	112Zn

Sample No	Description	Au ppb	Ag ppm	As ppm	Cu ppm	Other ppm
3923	Location: On Creek, below C8 Road on Cow 15 Claim Rock Type: Cherty Siltstone Occurrence Type, Size: Outcrop, 1 m x 2 m Black cherty siltstone with 1-2 mm milky white quartz stringers and 5% associated euhedral pyrite.	5	0.2	5	79	
3924	Location: On C7 Road 150 m E of C7B Road Rock Type: Siltstone Occurrence Type, Size: Outcrop, 0.5 m wide shear Sheared black siltstone with 1% Py in fractures.	5	0.2	5	46	
3925	Location: On Zizac Creek, Cow 14 Claim Rock Type: Conglomerate, (Lapilli?) Occurrence Type, Size: Outcrop, 3 m x 200 m Dark gray to black conglomerate (lapilli?). Clasts of fine-grained siliceous material in a coarse-grained sandy matrix with 2% disseminated pyrite and pyrrhotite.	5	0.2	5	110	

Sample No	Description	Au ppb	Ag ppm	As ppm	Cu ppm	Other ppm
3926	Location: On Zizac Creek, Cow 14 Claim Rock Type: Cherty Siltstone Occurrence Type, Size: Outcrop, 2 m x 100 m Dark gray cherty siltstone with 1% pyrite in fractures.	5	0.2	5	144	
3927	Location: On M4G1 Road 242 metres North of M4 Road on Cow 14 Claim Rock Type: Conglomerate (Lapilli?) Occurrence Type, Size: Outcrop, 2 m x 5 m Gray to black coarse-grained clastic. Clasts to 1 cm in a cherty, tuffaceous (?) matrix with a trace of disseminatd pyrite.	5	0.2	5	169	
3928	Location: On M4G1 Road 400 metres North of M4 Road on Cow 14 Claim Rock Type: Conglomerate (Lapilli?) Occurrence Type, Size: Outcrop, 2 m x 5 m Gray to black conglomerate or lapilli with angular to rounded clasts up to 1 cm. The matrix contains a ubiquitous 2-4% disseminated pyrrhotite.	5	0.2	5	102	

Sample No	Description	Au ppb	Ag ppm	As ppm	Cu ppm	Other ppm
3930	Location: B6A2 Road on Cow 12 Claim Rock Type: Brecciated Argillite Occurrence Type, Size: Outcrop, 0.5 m wide shear zone 0.5 m wide limonitic shear zone hosted in argillite. The shear is gougy and pyrite rich.	5	1.4	45	107	150Pb 548Zn
3968	Location: 21 m up Gammie Creek from C8 Road on Cow 14 Claim Rock Type: Chert Occurrence Type, Size: Outcrop, Large Dark brown chert with 5% pyrite.	5	0.2	35	54	
3969	Location: 65 m up Gammie Creek from C8 Road on Cow 14 Claim Rock Type: Conglomerate Occurrence Type, Size: Float 5% pyrite, trace chalcopyrite.	5	0.2	5	129	380Ba
3970	Location: 70 m up Gammie Creek from C8 Road on Cow 14 Claim Rock Type: Chert Occurrence Type, Size: Outcrop, Large Gray-brown chert with 1% disseminated pyrite.	5	0.2	5	122	

Sample No	Description	Au ppb	Ag ppm	As ppm	Cu ppm	Other ppm
3971	Location: 48 m West of Gammie Creek on C7 Road, Cow 14 Claim Rock Type: Cherty Tuff(?) Occurrence Type, Size: Outcrop, Large Brown cherty sediment with 5% fine-grained pyrite.	5	0.2	5	138	250Ba 59Co 13Mo
3972	Location: 55 m West of Gammie Creek on C7 Road, Cow 14 Claim Rock Type: Cherty Sediment (Tuff?) Occurrence Type, Size: Outcrop, Large Black cherty sediment (tuff?) with 5% fine-grained disseminated pyrite.	5	0.2	5	80	100Zn
3973	Location: 55 m West of Gammie Creek on C7 Road Cow 14 Claim Rock Type: Cherty Sediment Occurrence Type, Size: Outcrop Black cherty sediment with 5% fine-grained disseminated pyrite.	5	0.2	5	90	110Zn
3974	Location: 85 m West of Gammie Creek on C7 Road, Cow 14 Claim Rock Type: Argillite Occurrence Type, Size: Outcrop, Large Black argillite with 5% fine-grained fracture filling and disseminated pyrite.	5	0.2	5	85	116Zn

Sample No	Description	Au ppb	Ag ppm	As ppm	Cu ppm	Other ppm
3975	Location: Near Pojohl Creek on C7 Road, Cow 14 Claim Rock Type: Chert Occurrence Type, Size: Outcrop, 0.5 m wide shear zone Sheared black cherty sediment with less than 1% pyrite.	5	0.2	5	35	2135Mn
3976	Location: Near Pojohl Creek on C7 Road, Cow 14 Claim Rock Type: Argillite Occurrence Type, Size: Outcrop, Large Sheared black argillite with 1% pyrite.	5	0.4	5	121	
3977	Location: 215 m down Pojohl Creek from C7 Road Rock Type: Cherty Sediment Occurrence Type, Size: Float Cherty black sediment with 20% pyrite. Moderately magnetic.	120	0.2	45	125	94Mo
3978	Location: 215 m down Pojohl Creek from C7 Road, Cow 14 Claim Rock Type: Cherty Siltstone Occurrence Type, Size: Large. Cherty black sediment with 20% pyrite. Moderately magnetic.	20	0.2	15	60	56Mo

Sample No	Description	Au ppb	Ag ppm	As ppm	Cu ppm	Other ppm
3979	Location: 330 m down Pojohl Creek from C7 Road, Cow 14 Claim Rock Type: Conglomerate Occurrence Type, Size: Outcrop, Large Gray-black conglomerate with 5% disseminated pyrite.	5	0.2	5	46	300Ba
3980	Location: 380 m down Pojohl Creek from C7 Road on Cow 14 Claim Rock Type: Cherty Sediment Occurrence Type, Size: Outcrop, Large Black cherty sediment with 2% disseminated pyrite.	5	0.2	5	255	240Ba
3981	Location: 480 m down Pojohl Creek from C7 Road, Cow 14 Claim Rock Type: Cherty Sediment Occurrence Type, Size: Outcrop, Large Black cherty sediment with a trace of chalcopyrite.	20	0.2	5	668	162Zn 390Ba
3982	Location: Pogo Showing. On C7 Road, 100 m North of B8 Road, Cow 13 Claim Rock Type: Diabase Occurrence Type, Size: Outcrop, Large Dark greenish-grey to black fine to medium-grained diabasic intrusive with 2% pyrrhotite and pyrite and less than 2% chalcopyrite.	5	0.6	10	2515	114Zn 63Co 25W

Sample No	Description	Au ppb	Ag ppm	As ppm	Cu ppm	Other ppm
3983	Location: On C7A Road, 217 m West of C7 Road, Cow 13 Claim Rock Type: Argillite Occurrence Type, Size: Outcrop, Large Black argillite with 2% disseminated pyrite.	5	0.2	5	74	
3984	Location: B9 Road, Cow 13 Claim Rock Type: Gabbro Occurrence Type, Size: Outcrop, Large Dark green moderately magnetic gabbro.	5	0.2	5	234	
3985	Location: B9 Road on Cow 15 Claim Rock Type: Argillite Occurrence Type, Size: Outcrop, Large Black argillite with 5% fracture filling pyrite.	5	0.2	10	58	
3986	Location: B9 Road on Cow 13 Claim Rock Type: Jasper Occurrence Type, Size: Float Magnetic, red jasper.	5	0.2	5	1	

Sample No	Description	Au ppb	Ag ppm	As ppm	Cu ppm	Other ppm
3987	Location: 450 m down the Creek from B9 Road Rock Type: Conglomerate Occurrence Type, Size: Outcrop, Large Dark grayish-blue conglomerate with 1-2% disseminated pyrite and a trace of chalcopyrite.	5	0.2	5	145	104Zn
3988	Location: 16 m down from 3987 Rock Type: Cherty Sediment Occurrence Type, Size: Float Cherty sediment float with 1-2% disseminated pyrite.	5	0.2	25	330	
4251	Location: C12 Road North of Cow 15 Claim Rock Type: Tuff? Siliceous Sediment Occurrence Type, Size: Float The rock has a dark ruddy brown to chloritic green very fine-grained siliceous groundmass with 25% dark greenish-gray, stubby, subrounded feldspar crystal fragments to 1 mm and 5% very fine-grained disseminated pyrrhotite.	5	0.2	5	192	102Ni
4252	Location: C12 Road Rock Type: Tuff(?) Siliceous Sediment Occurrence Type, Size: Float, Abundant Dark gray fine-grained siliceous sediment with 5% disseminated pyrrhotite.	5	0.2	5	239	

Sample No	Description	Au ppb	Ag ppm	As ppm	Cu ppm	Other ppm
4253	Location: C9 Road on Cow 15 Claim Rock Type: Jasper Occurrence Type, Size: Float, 4 cm x 4 cm x 10 cm Typical bright red jasper. Hematitic material forms dendritic masses in a grey cherty groundmass. Dark blue-grey fine-grained specular hematite is disseminated throughout.	5	0.2	5	19	
4254	Location: C9 Road on Cow 15 Claim Rock Type: Jasper Occurrence Type, Size: Float, 20 cm x 20 cm x 40 cm subrounded boulder. Bright red jasper.	40	0.2	5	120	2882Mn
4255	Location: C9 Road on Cow 15 Claim Rock Type: Cherty Sediment Occurrence Type, Size: Float, 10 cm^3 subrounded cobble Light greenish-grey cherty sediment with 2-3% pyrite in hairline fractures and quartz stringers to 2 mm.	5	1.2	25	111	192Zn

Sample No	Description	Au ppb	Ag ppm	As ppm	Cu ppm	Other ppm
4256	Location: C9 Road on Cow 15 Claim Rock Type: Jasper Occurrence Type, Size: Float, 10 cm^3 subrounded cobble Dark maroon, strongly magnetic jasper with a trace of malachite.	5	0.2	5	1003	
4257	Location: on Copper Canyon Main on Cow 15 Claim Rock Type: Cherty Sediment Occurrence Type, Size: Float Highly fractured, light brownish-gray cherty sediment with 8% Py in veinlets to 2 mm.	5	0.2	5	27	
4258	Location: B9 Road on Cow 16 Claim Rock Type: Quartz-Carbonate Stringers Occurrence Type, Size: Outcrop, 0.5 m wide shear zone White quartz-carbonate vein and stringers up to 5 cm wide in a 0.5 m wide shear zone hosted in black argillites and siltstones. Veins appear to be barren.	5	0.2	5	72	
4259	Location: B9 Road on Cow 13 Claim Rock Type: Jasper Occurrence Type, Size: Float, 10 cm^3 subrounded boulder Dark maroon, moderately magnetic jasper.	5	0.2	5	24	154Zn
4260	Location: B9 Road on Cow 16 Claim Rock Type: Sandstone Occurrence Type, Size: Float, 30 cm wide bed in 0.5 m boulder Thinly-laminated fine to medium-grained gray sandstone with 2-3% Py along fractures at 90 degrees to bedding.	5	0.2	5	280	148Zn

Sample No	Description	Au ppb	Ag ppm	As ppm	Cu ppm	Other ppm
4261	Location: on B9 Road North of Cow 13 Claim Rock Type: Tuff(?) Sandstone? Occurrence Type, Size: Float, subrounded 20 cm x 20 cm x 30 cm boulder Fine to medium-grained greenish gray sandstone with 5% fine-grained disseminated pyrrhotite. The rock is cut by a quartz vein with dark gray masses of weathered pyrite up to 0.5 cm in diameter.	5	0.2	5	115	100Zn
4262	Location: B6 Road, NW Corner of Cow 12 Claim Rock Type: Quartz-Carbonate Vein-Breccia Occurrence Type, Size: Outcrop, 10 cm wide breccia zone Quartz-carbonate cemented breccia zone hosted in buff colored fine-grained siliceous sandstone.	5	0.2	10	27	
4263	Location: B6 Road, NW Corner of Cow 12 Claim Rock Type: Brecciated Sediment Occurrence Type, Size: Outcrop, 0.4 m wide shear zone The shear zone is composed of a limonitic brown, soft, clay rich material. Protolith was probably a fine-grained sediment. Shear attitude: 106/40 NE.	5	0.2	30	41	
4264	Location: On B6 Road at B6X Road Intersection Cow 12 Claim Rock Type: Limonite Occurrence Type, Size: Float, 30 cm diameter boulder The boulder is composed of limonitic orange-brown iron oxides. Original textures and composition are totally obscure. The boulder is very soft and probably near its source (probably from the same shear sampled in 4265).	440 0.013 oz/T Au 0.45 g/t Au	2.6	30	1069	1740Zn 3221Mn

Sample No	Description	Au ppb	Ag ppm	As ppm	Cu ppm	Other ppm
4265	Location: B6 Road 30 m East of B6X Road Cow 12 Claim Rock Type: Limonitic Shear Zone Occurrence Type, Size: Outcrop, 0.5 m shear zone The shear is hosted in siliceous siltstone. It is a 0.5 m wide zone of soft limonitic material, similar to 4264.	60	2.0	10	913	220Zn 2190Mn
4266	Location: B6 Road, 120 m E of B6X Road Cow 12 Claim Rock Type: Sheared Siliceous Siltstone Occurrence Type, Size: Outcrop, 15 cm wide shear zone The 15 cm gossanous shear zone is hosted in siliceous siltstone. Orientation of the zone is unclear. It contains up to 10% pyrite and traces of chalcopyrite.	60	10.6	15	5019	4738Zn
4267	Location: B6 Road 190 m East of B6X Road Cow 12 Claim Rock Type: Sheared Siliceous Siltstone Occurrence Type, Size: Outcrop, 10 cm wide shear zone The shear zone parallels bedding at 134/50 NE, and is composed of limonite, chlorite and clay, plus small quartz stringers to 1 cm with 5% Py.	5	0.2	45	435	770Zn 4065Mn
4268	Location: B6 Road 300 m East of B6X Road Cow 12 Claim Rock Type: Shear in Phyllitic Siltstone(?) Occurrence Type, Size: Outcrop, 10 cm shear zone The shear is hosted in soft chloritic, phyllitic siltstone with some siliceous beds. Shearing parallels bedding at 98/52 NE. It is a 10 cm wide zone with 10% pyrite and traces of chalcopyrite.	20	3.2	5	3139	5582Zn

Sample No	Description	Au ppb	Ag ppm	As ppm	Cu ppm	Other ppm
4269	Location: B6 Road, 70 m North of B6X Road, Cow 12 Claim Rock Type: Sheared, Quartz Flooded Siltstone Occurrence Type, Size: Outcrop, 20 cm wide Probably old sample site 038. Zone appears to parallel bedding. Quartz flooded parts of the zone are vuggy, light blue-gray to black (probably from fine-grain sulphides) and contain up to 5% Cp and 6-7% Py.	50	9.2	5	3852	856Zn
4270	Location: B6 Road, 50 m North of B6F Road, Cow 12 Claim Rock Type: Sheared Siltstone Occurrence Type, Size: Outcrop, 1 m x 20 cm x ? lens Sheared (102/77 NE) siltstone with a sulphide rich lens 1 m x 20 cm x ?. The lens contains up to 20% fine-grained pyrrhotite (average 5%) and 1-2% chalcopyrite.	30	1.8	5	2042	434Zn
4271	Location: B6 Road, 40 m North of B6F Road, Cow 12 Claim Rock Type: Sheared Siltstone Occurrence Type, Size: Outcrop, 15 cm wide shear zone The 15 cm wide shear is composed of a soft greenish-gray material and parallels bedding at 116/78 NE.	5	0.8	5	1733	

Sample No	Description	Au ppb	Ag ppm	As ppm	Cu ppm	Other ppm
4272	Location: B6 Road, 30 m North of B6F Road, Cow 12 Claim Rock Type: Limonitic Zone in Siltstone and Argillite Occurrence Type, Size: Outcrop, 30 cm zone parallel bedding Siltstone and argillite host a 30 cm shear zone which parallels bedding at 121/65 NE. The zone is dark grayish-green to limonitic brown and contains 5% pyrite.	5	0.4	51	501	26Pb 2458Zn 4866Mn
4273	Location: B6 Road, 120 m South of B6F Road, Cow 12 Claim Rock Type: Altered Argillite Occurrence Type, Size: Outcrop, 8-10 cm wide zone An earthy, dark blue-gray to black layer or zone in argillites may be caused by hydrothermal activity. The earthy black material contains 20% pyrite and 1-2% chalcopyrite.	30	5.4	5	3553	311Co
4274	Location: On Zizac Creek 60 m from Meade Creek Road, Cow A Grid Rock Type: Gabbro Occurrence Type, Size: Outcrop, 100 m(+) wide dyke Dark chloritic green to black coarse-grained intrusive with 60% plagioclase phenocrysts to 7 mm, 30% chloritic hornblende and traces of chalcopyrite.	5	0.2	5	639	106Zn 840Ba
4275	Location: On C8 Road, 88 metres North of C8A Road, Cow 14 Claim Rock Type: Jasper Occurrence Type, Size: Float Dark gray to red, strongly magnetic jasper.	5	0.2	5	434	256Zn 61Co 910V 10Sb 340Ba 44Mo 8958Mn 338Ni

Sample No	Description	Au ppb	Ag ppm	As ppm	Cu ppm	Other ppm
4276	Location: On C8 Road, 112 metres North of C8A Road, Cow 14 Claim Rock Type: Argillite Occurrence Type, Size: Float Dark blue gray argillite with limonite staining on weathered surfaces. 20% rounded, light blue chiastolite porphyroblasts to 1 mm across C axis.	5	0.2	10	94	124Zn 450Ba
4277	Location: On C8 Road, 78 metres North of C8A Road, Cow 14 Claim Rock Type: Jasper Occurrence Type, Size: Float Bright red jasper; brecciated and flooded with white quartz (30%). Strongly magnetic.	5	0.2	5	8	
4279	Location: On Creek between Pojohl Creek Gammie Creek, 125 metres NE of C8 Road, Cow 14 Claim Rock Type: Silicified Argillite Occurrence Type, Size: Outcrop Dark gray silicified argillite with a trace of pyrite.	5	0.2	10	84	114Zn
4280	Location: 'A' Grid (5+39E, 1+58N), Cow 14 Claim Rock Type: Sandstone (?) Tuff (?) Occurrence Type, Size: Outcrop This rock is a coarse-grained medium greenish-gray sandstone or sandy tuff with 40%, vague greenish-gray rounded grains to 1 mm in a siliceous groundmass. It contains 5-7% fine-grained disseminated pyrrhotite and 1-2% pyrite along fractures. It is moderately magnetic.	5	0.2	< 5	174	

Sample No	Description	Au ppb	Ag ppm	As ppm	Cu ppm	Other ppm
4281	Location: 'A' Grid (6+62E, 1+35N), Cow 14 Claim Rock Type: Lapilli Tuff (?) Occurrence Type, Size: Outcrop This rock contains subrounded to sub-angular cherty fragments up to 2 cm in diameter in a siliceous coarse-grained crystal tuff matrix. Up to 4% pyrrhotite is disseminated throughout the matrix and larger fragments.	5	0.2	< 5	102	
4282	Location: 'A' Grid (5+64E, 0+30N), 30 m North of M2A Road, Cow 14 Claim Rock Type: Lapilli Tuff Occurrence Type, Size: Outcrop, Large A medium greenish-gray coarse-grained clastic with up to 5% disseminated pyrrhotite. Some of the clasts are porphyritic. The rock is similar to 4281.	5	0.2	< 5	185	
4283	Location: 'A' Grid (4+38E, 1+14N) M2A Road Cow 14 Claim Rock Type: Lapilli Tuff Occurrence Type, Size: Outcrop, Large Medium to dark greenish-gray coarse-grained lapilli tuff with 4% fine-grained disseminated pyrrhotite. Similar to 4281.	5	0.2	< 5	231	
4284	Location: 'A' Grid (5+88E, 0+32S), North of Zizac Creek, Cow 14 Claim Rock Type: Quartz Vein + Silicified Zone Occurrence Type, Size: Outcrop, 5 cm wide Pyrite rich zone 5 cm wide around shear at 29/85 SE. Host crystal tuff to lapilli tuff is silicified and contains 2-4% Po. Quartz veins to 2 cm wide contain up to 10% Py.	5	0.2	5	217	

Sample No	Description	Au ppb	Ag ppm	As ppm	Cu ppm	Other ppm
4285	Location: 'A' Grid (5+86E, 0+42S), on Cow 14 Claim Rock Type: Py Rich Pod in Lapilli Tuff Occurrence Type, Size: Outcrop 20 cm^3 Calcite-pyrite rich pod in siliceous lapilli tuff with 4-5% fine-grained disseminated Po and 30% Py over 20 cm. Pod could be a replacement of a clast or possibly a sulphide clast.	5	0.2	5	347	15W
4286	Location: 'A' Grid (5+74E, 2+50S), M1A Road, Cow 14 Claim Rock Type: Tuff Occurrence Type, Size: Outcrop, Large. Siliceous, epidotic green, fine-grained groundmass with 40% + rounded dark green feldspar crystal fragments and 3-4% fine-grained disseminated pyrrhotite.	5	0.2	20	922	
4287	Location: 'A' Grid (7+03E,2+91S), M1A Road, Cow 14 Claim Rock Type: Quartz Stringer in Sandy Tuff Occurrence Type, Size: Outcrop, 1 cm quartz vein White to dark greenish-grey quartz stringer in tuff with less than 1% pyrite.	5	0.2	10	74	
4288	Location: 'A' Grid (7+50E, 3+00S) M1A Road, Trench Area, Cow 14 Claim Rock Type: Lapilli Tuff Occurrence Type, Size: Float, 20 cm x 20 cm x 20 cm subangular cobble Fine-grained dark greenish grey siliceous, chloritic groundmass with 25% fine to coarse-grained arsenopyrite forming crystals to 2 mm. Sulphides surround lithic fragments up to 5 mm in diameter.	2760 0.094 oz/T Au 3.22 g/t Au	0.2	>9999	124	52Pb 20Sb

Sample No	Description	Au ppb	Ag ppm	As ppm	Cu ppm	Other ppm
4293	Location: 'A' Grid (8+45E, 3+25S), M1A Road Rock Type: Siliceous Shear in Coarse-Grained Crystal Tuff Occurrence Type, Size: Outcrop, 3 cm wide shear Quartz (light blue-grey) flooded shear (157/74NE) with 15-20% Py.	780 0.026 oz/T Au 0.89 g/t Au	1.4	10	866	
4294	Location: 'A' Grid (8+64E, 3+40S), M1A Road, Cow 14 Claim Rock Type: Silicified Coarse-Grained Tuff Occurrence Type, Size: Outcrop, Few cms wide by few 10's cm long. Siliceous, light greenish-grey bed in bedded tuff with 5% disseminated Po.	5	0.2	< 5	74	
4698	Location: On C12 Road at Junction with Copper Canyon Main Road, Cow 15 Claim Rock Type: Ferruginous Cherty Sediment, 'Iron Formation' Occurrence Type, Size: Float, 20 cm x 10 cm x 10 cm subrounded boulder Translucent dark grey to red cryptocrystalline quartz with 5% disseminated medium-grained cubes of Py. Moderately magnetic.	80	0.2	15	199	
4699	Location: On C12 Road near Junction with Copper Canyon Main Road Cow 15 Claim Rock Type: Lapilli Tuff Occurrence Type, Size: Float, 20 cubic cm boulder Very fine-grained, light green, siliceous groundmass with: - 25% light grey subrounded feldspar crystal fragments to 1 mm. - Subrounded cherty (volcanic?) fragments to 1 cm. - 10% rounded chloritic masses to 1 cm. - 5-8% pyrrhotite replacing mafic masses and disseminated throughout larger fragments.	5	0.2	< 5	100	

Sample No	Description	Au ppb	Ag ppm	As ppm	Cu ppm	Other ppm
4700	Location: C12 Road, 120 m North of Copper Canyon Main Road, North of Cow 15 Claim Rock Type: Tuff Occurrence Type, Size: Float, 20 cm x 10 cm x 10 cm subangular boulder Dark green, chloritic, siliceous groundmass with vague dark green feldspar crystal fragments to 2 mm, and 5% disseminated pyrrhotite.	5	< 0.2	5	112	110Ni
14004	Location: On Pojohl Creek, 20 m NE of C8 Road, Cow 14 Claim Rock Type: Quartz-Carbonate Vein Breccia Occurrence Type, Size: Outcrop 10 cm wide vein Pale yellow angular to subrounded siliceous fragments (siliceous host sediments?) and white coarse-grained carbonate fragments in a fine-grained greenish-grey moderately soft carbonate matrix. Barren.	5	0.2	5	22	
14005	Location: On Pojohl Creek between C7 and C8 Road, Cow 14 Claim Rock Type: Shear Zone in Cherty Sediment Occurrence Type, Size: Outcrop 5 cm wide shear 5 cm shear zone (111/45 SW) hosted in grey cherty sediments. Up to 10% Py across 2 cm.	80	0.6	325	128	28Pb
14006	Location: On Pojohl Creek between C7 and C8 Roads, Cow 14 Claim Rock Type: Cherty Sediment-Iron Formation(?) Occurrence Type, Size: Float Dark greenish-grey to black siliceous sediment with vague grains up to 1 mm and 15% medium-grained Py in bands up to 2 mm. Moderately magnetic.	30	0.2	90	130	

Sample No	Description	Au ppb	Ag ppm	As ppm	Cu ppm	Other ppm
14007	Location: On Pojohl Creek between C7 and C8 Roads, Cow 14 Claim Rock Type: Fine-Grained Sediment (?) Occurrence Type, Size: Float Medium blue-grey, moderately soft fine-grained sediment (?) with 3-5% very fine-grained disseminated pyrite.	5	0.6	20	242	1070Zn
14008	Location: On Pojohl Creek between C7 and C8 Roads, Cow 14 Claim Rock Type: Lapilli ? Occurrence Type, Size: Float Dark bluish-grey siliceous fine-grained groundmass with 5% Po and irregular light greenish-grey angular clasts up to 2 cm.	5	0.2	45	55	610Ba
14009	Location: B6A2 Road, Cow 12 Claim Rock Type: Siltstone (Argillite?) Occurrence Type, Size: Outcrop 10 cm wide zone Light bluish-grey to limonitic brown fractured soft siltstone? Altered argillite? Zone at 122/66NE. Fine-grained pyrite up to 20%.	5	1.6	10	206	628Zn
14010	Location: B6A2 Road, Cow 12 Claim Rock Type: Shear Zone Occurrence Type, Size: Outcrop 10 cm wide shear zone 10 cm pyritic shear (119/70 NE) in well-bedded dark grey to dark brown siliceous siltstone.	5	1.0	30	163	292Zn

Sample No	Description	Au ppb	Ag ppm	As ppm	Cu ppm	Other ppm
14011	Location: B6A2 Road, Cow 12 Claim Rock Type: Shear Zone. Gouge Occurrence Type, Size: Outcrop, 10-20 cm wide shear zone 10-20 cm shear zone (74/72 NW) hosted in fine-grained sediments. White to grey gouge with ground sulphides and chunks of vuggy quartz up to 3 cm with 10% pyrite and traces of chalcopyrite.	5	1.4	5	210	558Zn
14012	Location: B6A2 Road, Cow 12 Claim Rock Type: Shear Zone in Argillite Occurrence Type, Size: Outcrop, 20 cm wide shear Up to 20% disseminated fracture filling pyrite in a 20 cm wide gouge-breccia zone.	20	2.8	10	495	30Pb >10,000Zn
14013	Location: B6A2 Road, Cow 12 Claim Rock Type: Quartz Vein Occurrence Type, Size: Float, 5 cm wide vein 5 cm wide vein of white bull quartz hosted in diabase. Material from near source. One mass of chalcopyrite to 0.5 cm in chloritic diabase host.	20	0.4	5	142	
14014	Location: 'B' Grid Area, 630 m elevation Below C7A Road, Cow 13 Claim Rock Type: Siltstone, Phyllite Occurrence Type, Size: Outcrop, Large Medium to dark bluish-grey, well bedded (112/46NE), weakly foliated soft siltstone with 5% fine-grained disseminated and fracture filling pyrite.	5	0.2	5	51	142Zn
14015	Location: 'B' Grid Area, between C8 Road and Copper Canyon Main Road, Cow 14 Claim Rock Type: Clay-Gouge Occurrence Type, Size: Outcrop, 0.5 m wide zone Limonitic clay-gouge in a fault zone.	5	0.2	5	63	

Sample No	Description	Au ppb	Ag ppm	As ppm	Cu ppm	Other ppm
14011	Location: B6A2 Road, Cow 12 Claim Rock Type: Shear Zone. Gouge Occurrence Type, Size: Outcrop, 10-20 cm wide shear zone 10-20 cm shear zone (74/72 NW) hosted in fine-grained sediments. White to grey gouge with ground sulphides and chunks of vuggy quartz up to 3 cm with 10% pyrite and traces of chalcopyrite.	5	1.4	5	210	558Zn
14012	Location: B6A2 Road, Cow 12 Claim Rock Type: Shear Zone in Argillite Occurrence Type, Size: Outcrop, 20 cm wide shear Up to 20% disseminated fracture filling pyrite in a 20 cm wide gouge-breccia zone.	20	2.8	10	495	30Pb >10,000Zn
14013	Location: B6A2 Road, Cow 12 Claim Rock Type: Quartz Vein Occurrence Type, Size: Float, 5 cm wide vein 5 cm wide vein of white bull quartz hosted in diabase. Material from near source. One mass of chalcopyrite to 0.5 cm in chloritic diabase host.	20	0.4	5	142	
14014	Location: 'B' Grid Area, 630 m elevation Below C7A Road, Cow 13 Claim Rock Type: Siltstone, Phyllite Occurrence Type, Size: Outcrop, Large Medium to dark bluish-grey, well bedded (112/46NE), weakly foliated soft siltstone with 5% fine-grained disseminated and fracture filling pyrite.	5	0.2	5	51	142Zn
14015	Location: 'B' Grid Area, between C8 Road and Copper Canyon Main Road, Cow 14 Claim Rock Type: Clay-Gouge Occurrence Type, Size: Outcrop, 0.5 m wide zone Limonitic clay-gouge in a fault zone.	5	0.2	5	63	

Sample No	Description	Au ppb	Ag ppm	As ppm	Cu ppm	Other ppm
14016	Location: 'A'Grid, M1A Road Trench Area Cow 14 claim Rock Type: Sheared Siltstone (Tuff?) Occurrence Type, Size: Outcrop, 0.5 m wide zone. This 0.5 m wide shear zone (90/75N) is hosted in greenish-grey fine-grained siliceous sediment and minor cherty conglomerate (lapilli?). No sulphides were observed. This zone may be the source for samples of float material rich in arsenopyrite (4288, 14017).	50	0.6	1315	134	
14017	Location: 'A'Grid, M1A Road, Trench Area Cow 14 claim Rock Type: Brecciated Cherty Sediment Occurrence Type, Size: Float Poorly bedded medium to dark grey cherty sediment fragments up to 2 cm in a dark greenish-grey siliceous fine-grained clastic (sed? tectonic?) groundmass. Could be a tectonic breccia associated with the shear in 14016 (high arsenic in both would suggest this) or a syndepositional breccia. 15% medium-grained arseno-pyrite in cubes to 2 mm (av. 1 mm) disseminated in groundmass. Re-sample of 4288 (2700 ppb Au).	7800 0.198 oz/T Au 6.79 g/t Au	1.0	>9,999	53	34Pb 62Co 40Sb
14018	Location: 'A'Grid, M1A Road, Trench Area Cow 14 claim Rock Type: Quartz Vein Occurrence Type, Size: Float, 3 cm wide vein Sample collected 2 m east of 14017. 3 cm wide vuggy, grey quartz vein float with 15% fine to coarse-grained pyrite in masses to 1 cm. 1-2% @ galena and chalcopyrite along fractures.	11,000 0.282 oz/T Au 9.67 g/t Au	38.4	875	2560	4870Pb 1625Zn 90.5Cd

Sample No	Description	Au ppb	Ag ppm	As ppm	Cu ppm	Other ppm
14019	Location: 'A' Grid, M1A Road,Trench Area Rock Type: Cherty Sediment (Tuff?) Occurrence Type, Size: Float Medium grey to greenish-grey thinly banded cherty sediment (tuff?) with up to 5% pyrite in bands to 5 mm. Pyrite appears to be along shears.	300 0.004 oz/T Au 0.14 g/t Au	1.8	270	200	
14020	Location: 'A' Grid, M1A Road, Trench Area Cow 14 claim Rock Type: Quartz Vein Occurrence Type, Size: Float, 1 cm wide vein Vuggy white to limonitic yellow quartz with up to 20% Pyrite.	5				
14021	Location: 'A' Grid, M1A Road, Trench Area Cow 14 claim Rock Type: Quartz Vein-Breccia Occurrence Type, Size: Float, 40 cm diameter boulder of vein material. Sample of a large boulder. Vuggy, greenish-grey chalcedony-like quartz with some sparry parts and cherty sediment breccia fragments up to 2 cm. Appears to be barren.	5	0.6	25	48	62Pb 112Zn
14022	Location: 'A' Grid, M1A Road, Trench Area Cow 14 claim Rock Type: Quartz Vein Occurrence Type, Size: Float, 3-5 cm wide vein Vuggy, white to limonitic-brown quartz filling breccia cavities in light greenish-grey fine-grained siliceous sediment or tuff. 15-20% fine-grained disseminated and massive pyrite. 5% galena in masses to 2 mm in vugs.	1800 0.030 oz/T Au 1.03 g/t Au	25.0	45	698	2660Pb 514Zn 25.5Cd

Sample No	Description	Au ppb	Ag ppm	As ppm	Cu ppm	Other ppm
14023	Location: 'A' Grid, M1A Road, Trench Area Cow 14 claim Rock Type: Quartz Vein Occurrence Type, Size: Outcrop, 0.5 m wide shear-quartz vein zone Grey to limonitic-brown quartz vein hosted in well bedded fine-grained siliceous sediment or tuff. Shear - 98/83 NE, bedding - 125/90. Quartz vein material up to 20 cm wide with 5-15% pyrite, and traces of chalcopyrite and galena.	660 0.023 oz/T Au 0.79 g/t Au	6.4	10	509	180Pb 264Zn 12.0Cd
14024	Location: 'A' Grid, M1A Road, Trench Area Cow 14 Claim Rock Type: Quartz Vein Occurrence Type, Size: Outcrop, 5 cm wide vein Sample taken 2 m east of 14023. Vuggy, grey to limonitic-brown quartz vein with 2-3% @ sphalerite and galena, 1-2% chalcopyrite and up to 5% pyrite. Vein orientation - 90/76N.	15,000 0.380 oz/T Au 13.03 g/t Au	29.4	10	437	5500Pb 2380Zn 99.9Cd
14025	Location: 'A' Grid, M1A Road, Trench Area Cow 14 claim Rock Type: Quartz Vein Occurrence Type, Size: Outcrop, 5 cm wide vein Same structure as 14023 and 14024. Vuggy, grey to limonitic-brown quartz with 10% pyrite and traces of chalcopyrite and galena.	2100 0.046 oz/T Au 1.58 g/t Au	25.6	185	897	464Pb 1290Zn 62.0Cd

Sample No	Description	Au ppb	Ag ppm	As ppm	Cu ppm	Other ppm
14026	Location: 'A' Grid, M1A Road, Trench Area Cow 14 Claim Rock Type: Quartz Vein-silicified breccia Occurrence Type, Size: Outcrop, Few cm wide vein Rock is predominantly silicified fine-grained blue-grey breccia with 2-3 mm quartz stringers and 10% fine-grained disseminated pyrite. Same structure as 14023-25.	310 0.011 oz/T Au 0.38 g/t Au	5.0	330	437	340Pb 1945Zn >99.9Cd 12Mo
14027	Location: 'A' Grid, M1A Road, Trench Area Cow 14 Grid Rock Type: Agglomerate Occurrence Type, Size: Outcrop, Large Subrounded clasts of feldspar pyroxene porphyry up to 5 cm in diameter with up to 5% disseminated pyrrhotite.	5	0.4	<5	82	
14028	Location: 'A' Grid, M1A Road, Cow 14 claim Rock Type: Sheared Lapilli Occurrence Type, Size: Outcrop, Few cm wide shear Medium greenish-grey lapilli tuff with subangular feldspar porphyry fragments up to 0.5 cm. Up to 10% pyrite along fractures.	5	0.4	<5	136	
14054	Location: On B6X Road at Old Sample Location #719, Cow 12 claim Rock Type: Fine-Grained Sandstone Occurrence Type, Size: Outcrop, A 4-15 cm thick bed continuous over 10m The sample was taken from a 4-15 cm dark brown, soft, earthy zone or bed in argillite. It has a medium-grained clastic texture and contains sporadic pyrite. Sample 719 was from a pyritic pod within this bed.	5	0.2	<5	42	

Sample No	Description	Au ppb	Ag ppm	As ppm	Cu ppm	Other ppm
14055	Location: Cow Claims West of Chem Grid Rock Type: Fault Breccia Occurrence Type, Size: Outcrop, 10 cm wide by -5m long Dark green to black breccia fragments of diabase (?) cemented with white calcite.	5	0.2	5	17	
14064	Location: 'A' Grid, (6+00E, 1+50N) Cow 14 Claim Rock Type: Conglomerate, Agglomerate Occurrence Type, Size: Outcrop, 15 m x 10 m Rock was sampled in response to a 490 ppb Au anomaly in the soil at 6+00E, 1+25N. The rock is a medium to dark grey agglomerate (?) with 1% disseminated pyrrhotite.	40	0.2	0.2	101	
14065	Location: 'A' Grid, (6+00E, 1+50N) Cow 14 Claim Rock Type: Conglomerate, Agglomerate Occurrence Type, Size: Outcrop The agglomerate contains light grey fragments in a dark grey matrix with 1-2% disseminated pyrrhotite. The rock is cut by small, barren quartz stringers.	5	0.2	5	65	
14066	Location: 'A' Grid, (10+00E, 1+00S) Cow 14 Claim Rock Type: Alteration Lens in Siliceous Siltstone Occurrence Type, Size: Outcrop, 20 cm x 20 cm ? A small light grey lens in siltstone contains up to 2% fine-grained disseminated pyrite.	40	1.2	5	1645	

Sample No	Description	Au ppb	Ag ppm	As ppm	Cu ppm	Other ppm
14067	Location: 'A' Grid, (10+00E, 1+00S) Cow 14 Claim Rock Type: Pyrite Occurrence Type, Size: Outcrop, 2m x 1m Selected grab sample of pyrite on a joint surface.	30	0.8	5	288	
14094	Location: 'A' Grid between L7E and L8E on M1A road, Trench, Cow 14 Claim Rock Type: Calcareous Siltstone Occurrence Type, Size: Outcrop Dark green siltstone cut by numerous small (53 mm thick) calcite stringers with up to 5% pyrite.	20	0.2	15	172	
14095	Location: Cow A Grid between L7E and L8E on M1A road, Trench, Cow 14 Claim Rock Type: Conglomerate (wall rock) Occurrence Type, Size: Outcrop Dark green agglomerate with angular quartz and rock fragments (to 1 cm in diameter) and 1% disseminated pyrite.	5	0.2	10	126	
14096	Location: Cow A grid between L7E and L8E on M1A road, Trench Cow 14 Claim Rock Type: Quartz vein-breccia Occurrence Type, Size: Outcrop, A few centimetres wide Vuggy white, barren quartz vein material with 50% dark wall rock fragments up to 5 mm in diameter.	10	0.2	5	72	

Sample No	Description	Au ppb	Ag ppm	As ppm	Cu ppm	Other ppm
14097	Location: Cow A Grid between L7E and L8E on M1A Road, Trench, Cow 14 Claim Rock Type: Conglomerate, Agglomerate(?) Occurrence Type, Size: Outcrop Dark green agglomerate (?) with 1% fracture filling pyrite.	5	0.2	25	108	
14098	Location: 'A' grid between L7E and L8E on M1A Road, Trench, Cow 14 Claim Rock Type: Siltstone Occurrence Type, Size: Outcrop Sample taken was over a heavily sheared zone with strong limonitic alteration. This is probably the same shear sampled in 14016 and is also probably the source for float material sampled in 4288 and 14017 all of which have high arsenic contents.	50	0.2	525	98	124Zn
14099	Location: 'A' Grid between L7E and L8E on M1A Road, Trench, Cow 14 Claim Rock Type: Shear, Gouge Occurrence Type, Size: Outcrop, 4 cm wide shear zone Bone white clay-gouge and hydrothermally altered host (fine-grained pyroclastic?)	5	0.2	65	118	
14543	Location: On B6B Road near Junction with B6B3 Road, Cow 12 Claim Rock Type: Gabbro Occurrence Type, Size: Float Dark green gabbro with 1-2% pyrite and a trace of chalcopyrite.	5	0.2	15	270	

Sample No	Description	Au ppb	Ag ppm	As ppm	Cu ppm	Other ppm
14544	Location: On B6B Road near junction with B6B3 Road, Cow 12 Claim Rock Type: Gabbro Occurrence Type, Size: Float Similar to 14543	5	0.2	5	254	
14545	Location: B6B Road near junction with B6B3 Road, Cow 12 Claim Rock Type: Gabbro Occurrence Type, Size: Float Similar to 14543	5	0.2	5	295	
14801	Location: M1A Road, Trench Muck, Cow 14 Claim Rock Type: Quartz Vein Occurrence Type, Size: Float White to light grey to limonitic yellow quartz. The vein appears to have been brecciated and contains 5-8% pyrite in masses to 0.5 cm with 1-2% associated chalcopyrite.	2800 0.098 oz/T Au 3.36 g/t Au	15.6	25	1297	256Pb 272Zn
14802	Location: M1A Road, Trench Muck, Cow 14 Claim Rock Type: Cherty Siltstone (?) Occurrence Type, Size: Float Light to medium grey fine-grained very siliceous cherty siltstone (?) with 5-8% pyrite, disseminated and along fractures. Pyrite developed along several fracture sets and appears to have grown into host slightly, creating a dendritic pattern.	20	0.8	15	132	

Sample No	Description	Au ppb	Ag ppm	As ppm	Cu ppm	Other ppm
14805	Location: 'A' Grid between L7E and L8E on M1A Road, Trench, Cow 14 Claim Rock Type: Cherty Siltstone Occurrence Type, Size: Outcrop, Large Dark grey to brown cherty siltstone with some fine-grained sand-sized lithic grains. Vague, 1-2 mm banding is probably bedding. 3-4% pyrite, disseminated and along fractures.	80	0.2	30	112	38Pb 110Zn

Wallrock Samples, From Trench

14100	14810	14816	14821	14828
14806	14812	14818	14823	14831
14808	14814	14819	14825	

	Location: 'A' Grid between L7E and L8E on M1A Road, Trench, Cow 14 Claim Rock Type: Siltstone Occurrence Type, Size: Outcrop Dark grey to black siliceous siltstone wall rock with 1-2% pyrite and/or pyrrhotite. Metal content of sample is generally low to weakly anomalous. See detailed trench plans for analyses.					
14807	Location: 'A' Grid between L7E and L8E on M1A Road, Trench, Cow 14 Claim Rock Type: Quartz Vein Occurrence Type, Size: Outcrop, 0.1 m wide vein Vuggy white quartz with up to 5% pyrite and a trace of chalcopyrite. Pyrite is located predominantly along the vein selvage.	2260 0.106 oz/T Au 3.63 g/t Au	24.2	15	1620	928Pb 3010Zn
14809	Location: 'A' Grid between L7E and L8E on M1A Road, Trench, Cow 14 Claim Rock Type: Quartz Vein Occurrence Type, Size: Outcrop, 0.05 m wide vein Grey quartz with 2-3% pyrrhotite.	960 0.039 oz/T Au 1.34 g/t Au	23.2	85	1180	1365Pb 778Zn

Sample No	Description	Au ppb	Ag ppm	As ppm	Cu ppm	Other ppm
14811	Location: 'A' Grid between L7E and L8E on M1A Road, Trench, Cow 14 Claim Rock Type: Quartz Vein Occurrence Type, Size: Outcrop, 0.05 m wide vein Quartz vein with 1-2% pyrite as cavity fillings. Stringers in the host siltstone contain minor pyrite and chalcopyrite.	1440 0.042 oz/T Au 1.44 g/t Au	16.0	10	1720	364Pb 942Zn
14813	Location: 'A' Grid between L7E and L8E on M1A Road, Trench, Cow 14 Claim Rock Type: Quartz Vein Occurrence Type, Size: Outcrop, 0.05 m wide vein The quartz vein is vaguely banded suggesting a multiphase formation. It is fractured and contains 1% pyrite and a trace of chalcopyrite.	1040 0.040 oz/T Au 1.37 g/t Au	32.6	75	1140	444Pb 522Zn
14815	Location: 'A' Grid between L7E and L8E on M1A road, Trench, Cow 14 Claim Rock Type: Quartz Vein Occurrence Type, Size: Outcrop, 0.1 m wide vein Vuggy blue-grey quartz with 2% pyrite along the vein selvage.	160 0.004 oz/T Au 0.14 g/t Au	3.2	5	256	76Pb 318Zn
14817	Location: 'A' Grid between L7E and L8E on M1A Road, Trench, Cow 14 Claim Rock Type: Quartz Vein Occurrence Type, Size: Outcrop, 0.05 m wide vein	460 0.012 oz/T Au 0.41 g/t Au	13.6	315	1300	260Pb 208Zn

Sample No	Description	Au ppb	Ag ppm	As ppm	Cu ppm	Other ppm
14820	Location: 'A' Grid between L7E and L8E on M1A Road, Trench, Cow 14 Claim Rock Type: Quartz Vein Occurrence Type, Size: Outcrop, 0.05 m wide vein Light grey quartz with a trace of chalcopyrite.	160 0.005 oz/T Au 0.17 g/t Au	7.6	15	952	134Pb 514Zn
14822	Location: 'A' Grid between L7E and L8E on M1A Road, Trench, Cow 14 Claim Rock Type: Quartz Vein Occurrence Type, Size: Outcrop, 0.1 m wide vein	750 0.022 oz/T Au 0.75 g/t Au	23.0	205	3460	398Pb 546Zn
14824	Location: 'A' Grid between L7E and L8E on M1A Road, Trench, Cow 14 Claim Rock Type: Quartz Vein Occurrence Type, Size: Outcrop, 0.1 m wide vein	960 0.018 oz/T Au 0.62 g/t Au	10.4	55	854	404Pb 756Zn
14826	Location: 'A' Grid between L7E and L8E on M1A Road, Trench, Cow 14 Claim Rock Type: Quartz Vein Occurrence Type, Size: Outcrop, 0.15 m wide vein Banded grey quartz vein with 30% angular clasts of host rock up to 5 mm in diameter. Up to 15% pyrite (in cubes to 1 mm) and 1% chalcopyrite are disseminated through out the siliceous matrix.	210 0.006 oz/T Au 0.21 g/t Au	3.4	90	1360	46Pb 176Zn
14827	Location: 'A' Grid between L7E and L8E on M1A Road, Trench, Cow 14 Claim Rock Type: Quartz Vein Occurrence Type, Size: Outcrop, 0.15 m wide vein Grey quartz with up to 2% disseminated and fracture filling pyrite.	450 0.012 oz/T Au 0.41 g/t Au	3.2	365	568	108Pb 286Zn

Sample No	Description	Au ppb	Ag ppm	As ppm	Cu ppm	Other ppm
14829	Location: 'A' Grid between L7E and L8E on M1A Road, Trench, Cow 14 Claim Rock Type: Quartz Vein Occurrence Type, Size: Outcrop, 0.15 m wide vein	60	0.2	120	152	36Pb
14830	Location: 'A' Grid between L7E and L8E on M1A Road, Trench, Cow 14 Claim Rock Type: Quartz Vein Occurrence Type, Size: Outcrop, 0.2 m wide vein Grey quartz with up to 5% pyrrhotite.	470 0.014 oz/T Au 0.48 g/t Au	9.6	190	2000	208Pb 242Zn
14832	Location: 'A' Grid between 7+00E and 8+00E on M1A Road, Trench, Cow 14 Claim Rock Type: Quartz Vein Occurrence Type, Size: Outcrop, 0.2 m wide vein The vein is vuggy and weakly banded suggesting a multiphase formation. It is composed predominantly of light grey quartz and minor carbonate with 10% pyrite and 2-3% @ galena and sphalerite.	7,100 0.232 oz/T Au 7.95 g/t Au	24.6	1005	500	1805Pb 3230Zn
14841	Location: C7 Road (N Side), 25 m E of 2+00W ('B' Grid), Cow 12 Claim Rock Type: Sheared Argillite Occurrence Type, Size: Outcrop, 10-20 cm shear Argillite sheared and flooded with soft white vein material (no fizz with acid-ankerite?). Some minor pods of pyrite rich material (2-4% fine-grained disseminated and fracture) 5 cm x 20 cm x ?	5	0.6	5	167	

Sample No	Description	Au ppb	Ag ppm	As ppm	Cu ppm	Other ppm
14842	Location: 'B' Grid (4+00W, 3+255), Cow 12 Claim Rock Type: Argillite Occurrence Type, Size: Float (near outcrop), Few metres wide Dark grey to black argillite with 30-40% rounded bluish-grey porphyroblasts (chiastolite?). 1-2% pyrite is disseminated and occurs along 1 mm thick bands. The sample was taken in an area of a weak magnetic anomaly.	5	0.2	5	98	
14846	Location: 'A' Grid (10+00E, 3+00S), Cow 14 Claim Rock Type: Sheared Gabbro Occurrence Type, Size: Outcrop, 1 cm wide shear Weak shear in gabbro (132/85NE) at site of extremely anomalous gold in soil. Shear has minor gouge and a narrow calcite stringer developed. Trace of chalcopyrite.	180	0.4	5	373	
15004	Location: 'A' Grid Area, 118 m West of Meade Cr. Road on Zizac Cr, Cow 14 Claim Rock Type: Gabbro Occurrence Type, Size: Outcrop Dark green equigranular gabbro with 3% disseminated pyrite.	5	< 0.2	< 5	662	
15005	Location: 'A' Grid Area, 274 m West of Meade Creek Road on Zizac Cr., Cow 14 Claim Rock Type: Quartz Vein Occurrence Type, Size: Outcrop, 2 cm wide vein Buff colored quartz with 1% pyrite along fractures.	5	0.4	25	51	

Sample No	Description	Au ppb	Ag ppm	As ppm	Cu ppm	Other ppm
15006	Location: 'A' Grid Area, 274 m West of Meade Cr. Road on Zizac Cr., Cow 14 Claim Rock Type: Silicified Sediments Occurrence Type, Size: Outcrop Silicified zone 0.3 m x 1.0 m x ? with 2-3% pyrite.	5	0.2	5	106	
15007	Location: Tributary Creek on South Side of Zizac Creek 'A' Grid Area, Between 4+00E and 5+00E. Rock Type: Quartz Vein Occurrence Type, Size: Outcrop, 3 cm wide vein Quartz vein up to 3 cm wide hosted in gossanous agglomerate.	5	< 0.2	< 5	55	
15008	Location: On same Creek as 15007, Cow 14 Claim Rock Type: Silicified Sediments Occurrence Type, Size: Float Dark to light grey silicified sediments with 1% pyrite.	5	0.2	10	197	
15009	Location: On Zizac Creek, 35 m Upstream from Line 5+00E, west bank Rock Type: Quartz Vein Occurrence Type, Size: Outcrop, 6 cm wide vein Buff colored quartz vein with 1% pyrite.	5	< 0.2	5	123	

APPENDIX III

CERTIFICATES OF ANALYSIS AND ASSAY

A list of all samples sent for analysis is included with the certificates of analysis and assay. All certificates (Au geochemistry, ICP, Au assay, etc.) for a particular sample series have been kept together and arranged in numerical order using the certificate number of the Au geochemistry analyses.

LAB: Rossbacher

ANALYTICAL REQUESTS & RECEIPT

No. V240

SAMPLE SERIES	SOURCE	# SAES	TYPE SHIPMENT	DATE OUT	ANALYTIC REQUEST	AU		ICP		Assays		RECHECKS	
						DATE	CERT# INV#	DATE	CERT# INV#	DATE	CERT# INV#	DATE	CERT# INV#
713-722		10	ROCK	Sept22/86		Oct28/86	86483	Oct2/86	A8618712				
725, 726		2	ROCK	"		"	"	"	"				
727-731		5	ROCK	"		"	"	"	"	(729) Nov5/86	86483.B		
1301-1304		5	ROCK	"		"	"	"	"	(1301-1303) Nov5/86	86483.B		
1307-1309		2	ROCK	"		"	"	"	"				
1970-1980		11	ROCK	"		"	"	"	"				
1981-1983		13	ROCK	"		"	"	"	"				
HCS1-HCS4		4	Silts	"		"	"	"	"			Dec12/86	HC-S2 86712
1967,1968,1969		3	ROCK	Sept22/86		Oct28/86	86483	Oct2/86	A8618712				
S5-S8(HC)		4	SILT	Sept25/86		Oct4/86	86494	Oct23/86	A8619456				
1994-2000		7	ROCK	"		"	"	"	"				
3401-3409		9	ROCK	"		"	"	"	"				
HCS9-S10		2	SILT	Oct6/86		Oct15/86	86548	Oct.27/86	A8619825				
3410,3411,3412		3	ROCK	"		"	"	"	"				
3415		1	ROCK	Oct17/86		Oct.26/86	86598	Nov.17/86	A8620323				
SILT 1,2		2	SILT.			Oct31/86	86610	Nov.17/86	A8620323				
SILT 5-10		6	Silt			"	"	"	"				
SILT 12,13		2	Silt			"	"	"	"				
3918-3926		9	Rock			"	"	"	"				
4251-4274		24	Rock			"	"	"	"	(4264) Nov.5/86	86483.B		
4698-4700		3	Rock			"	"	"	"				
3968-3978		11	Rock	Oct.23/86		Nov.3/86	86617	Nov.20/86	A8620478				
S11, S12		2	Silt	"		"	"	"	"				
3927-3928		2	ROCK	Oct23/86		Nov.6/86	86620	Nov.20/86	A8620592				
3979-3988		10	ROCK	"		"	"	"	"				
4275-4277		3	ROCK	"		"	"	"	"				

LAB: Rossbacher

ANALYTICAL REQUESTS & RECEIPT

No. V240

SAMPLE SERIES	SOURCE	# SALES	SHIPMENT	DATE OUT	ANALYTIC REQUEST	AU		ICP		ASSAYS		RECHECKS	
						DATE	CERT# INV#	DATE	CERT# INV#	DATE	CERT# INV#	DATE	CERT#, INV#
4279-4294	COW A GRID	16	ROCK	Oct. 23/86		Nov 6/86	86620	Nov 20/86	A8620592	4288, 4293 Dec. 4/86	86620.B		
GA Silt 027-1		1	Silt	"		"	"	"	"				
GA #14, 15		2	Silt	"		"	"	"	"				
DA #3		1	Silt	"		"	"	"	"				
L0+00 5+00N-0+00	COW A	21		Nov. 2/86		Nov. 14/86	8640	Dec. 9/86	A8620985				
L1+00E 4+00N-0+00	"	17		"		"	"	"	"				
L2+00E 4+00N-1+00S	"	21		"		"	"	"	"				
L3+00E 1+50S-3+50N	"	21		"		"	"	"	"				
L4+00E 2+00S-3+00N	"	19	Soil	"		"	"	"	"				
L5+00E 2+50S-2+00N	"	19	Soil	"		"	"	"	"				
L6+00E 3+00S-2+00N	"	20	Soil	"		"	"	"	"			Dec 12	86712
L7+00E 3+50S-2+00N	"	21	Soil	"		"	"	"	"				
L8+00E 4+00S-2+00N	"	25	Soil	"		"	"	"	"				
L9+00E 4+00S-0+00	"	17	Soil	"		"	"	"	"			Dec 12	86712
L10+00E 2+50S-0+00		11	Soil	"		"	"	"	"			"	"
14004-14008		5	Rock	"		"	"	"	"				
14543-14545		3	Rock	"		"	"	"	"				
3930		1	Rock	"		"	"	"	"				
030-1, 2, 3		3	Silt	"		"	"	"	"				
L0+00 4+00N-7+75S	Cow B	49	Soil	Nov 2/86		Nov 21/86	86660	Dec 11/86	A8621135				
L1+00W 4+00N-7+25S	"	47	Soil	"		"	"	"	"				
L2+00W 2+00N-7+50S	"	39	Soil	"		"	"	"	"				
L3+00W 4+00S-7+25S	"	45	Soil	"		"	"	"	"				
L4+00W 4+00N-7+25S	"	43	Soil	"		"	"	"	"				
L5+00W 4+00N-7+50S	"	48	Soil	"		"	"	"	"				
L6+00W 4+00N-7+00S	"	46	Soil	"		"	"	"	"				

LAB: Rossbacher

ANALYTICAL REQUESTS & RECEIPT

No. 10

SAMPLE SERIES	SOURCE	# SAES	SHIPMENT	DATE OUT	ANALYTIC REQUEST	Au		ICP		Assays		RECHECKS	
						DATE	CERT# INV#	DATE	CERT#, INV#	DATE	CERT# INV#	DATE	CERT#, INV#
L7+00W 4+00N-8+25S	Cow B	51	Soil	Nov. 2/86		Nov. 21/86	86660	Dec. 11/86	A8621135				
L8+00W 4+00N-7+00S	"	46	Soil	"		"	"	"	"				
L9+00W 4+00N-7+00S	"	46	Soil	"		"	"	"	"				
L10+00W 4+00N-7+00S	"	46	Soil	"		"	"	"	"			Dec. 12	86712
L11+00W 4+00N-6+75S	"	45	Soil	"		"	"	"	"			"	"
L12+00W 4+00N-7+00S	"	46	Soil	"		"	"	"	"				
14009-14028	MIA Cow A	20	Rock	Nov. 10/86		Nov. 21/86	86664	Dec 11/86	A8621134	Jan 2/87 Dec. 8	86664.M 86664.A	(Ag, Zn) (Au)	
N4-Silt 1,2,3		3	Silt	"		"	"	"	"				
L0+00E 2+00N-2+00S	Cow C	17	Soil	Nov. 13/86		Nov. 21/86	86666	Dec. 16/86	A8621202				
L1+00E 2+00N-2+00S	"	17	Soil	"		"	"	"	"				
L2+00E 2+00N-2+00S	"	16	Soil	"		"	"	"	"				
L3+00E 2+00N-2+00S	"	16	Soil	"		"	"	"	"				
L4+00E 2+00N-2+00S	"	17	Soil	"			"	"	"				
L5+00E 2+00N-2+00S	"	17	Soil	"			"	"	"				
L6+00E 2+00N-2+00S	"	17	Soil	"		"	"	"	"				
L7+00E 2+00N-2+00S	"	16	Soil	"		"	"	"	"				
L8+00E 2+00N-2+00S	"	17	Soil	"		"	"	"	"				
L9+00E 2+00N-2+00S	"	17	Soil	"		"	"	"	"				
L10+00E 2+00N-2+00S	"	17	Soil	"		"	"	"	"				
L11+00E 2+00N-2+00S	"	17	Soil	"		"	"	"	"				
L12+00E 2+00N-1+75S	"	16	Soil	"		"	"	"	"				
14064-14067		4	Rock	Nov. 22/86		Nov 28/86	86683	Dec. 16/86	8621499				
14801-14802		2	Rock	"		"	"	"	"	14801 Dec. 8	86664.A		
L10+00E 1+25S	Cow A	1	Soil	"		"	"	"	"				
L10+00E 2.75S-3.75S	"	5	Soil	"		"	"	"	"			Dec. 12	86712
L11+00E 0+00+3+75S	"	16	Soil	"		"	"	"	"			Dec. 12	86712

No. V240

LAB: Rossbacher

ANALYTICAL REQUESTS & RECEIPT

SAMPLE SERIES	SOURCE	# SPLES	SHIPMENT	DATE OUT	ANALYTIC REQUEST	AU		ICP		ASSAYS		RECHECKS	
						DATE	CERT# INV#	DATE	CERT#, INV#	DATE	CERT# INV#	DATE	CERTH, INVH
L8+00E 4+25S-5+00S	Cow A	4	Soil	Nov 22/86		Nov 28/86	86683	Dec 16/86	A8621499				
14094-14100	Cow A MIA Trench	7	Rock	Nov 22/86		Dec 5	86692	Dec 17	A8621671				
14805-14832	"	28	Rock	"		"	"	"	"	Dec 10	86692A		
L8-00E 1+25S-4+00S	Cow A	12	Soil	Dec 2/86		Dec 11/86	86698	Dec 23	A8621811				
L8+00W 4+25N-6+00N	Cow B	8	Soil	"		"	"	"	"				
L9+00W 4+25N-5+00N	"	4	Soil	"		"	"	"	"				
L10-00W 3+75N-4+50N	"	4	Soil	"		"	"	"	"				
L11+00W 3+25N	"	1	Soil	"		"	"	"	"				
14841-2		2	Rock	"		"	"	"	"				
10+00E, 1+25S 'a'	Cow A Grid	1	Soil	Dec 9/86		Dec 17/86	86718	Jan 7/87	A8622243				
10E, 3+00S 'a' 'b'	"	1	"	"		"	"	"	"			JAN 6/86 11+00E, 2+50S 'a'	86724.CH
11E, 1+50S 'a', 2+50S 'a'	"	2	"	"		"	"	"	"			Jan 6/86 1+25S, 10+50E	86724.CH
1+25S, 10+25-11E	"	4	"	"		"	"	"	"			"	"
14846	"	1	Rock	"		"	"	"	"				
10+00E, 3+00S-b	"	1	Soil	"	REQUISITION NOT SENT WITH SAMPLES	"	"	"	"				
D8-2 to 7	"	7	"	"		D8-2-6 "	"	D8-2 to 6 "	"			D8-2 Jan 6/86	86724.CH
11+00E, 3+50S 'a'	"	1	"	"		"	"	"	"				
15004-15009		6	Rock	Dec 6		Dec 17	86719	Jan 7/87	A8622244				
4186-4200	Co87-1	15	Core	Jan 15/87		Jan 23	87012	Jan 26/87	87-0137				
15051-15060	"	10	"	Jan 17/87		"	"	"	"				
15111-15122	"	12	"	Jan 16/87		"	"	"	"				
15123-15150	"	28	"	Jan 17/87		"	"	"	"				
15401-15110	"	10	"	Jan 15/87		"	"	"	"				
D8-1	Cow A	1	Soil	Jan 15/87		Jan 23	87014	Jan 26/87	87-0139				

ROSSBACHER LABORATORY LTD.

2225 S. SPRINGER AVENUE
BURNABY, B.C. V5B 3N1
TEL : (604) 299 - 6910

CERTIFICATE OF ANALYSIS

TO : MPH CONSULTING LTD.
301-409 GRANVILLE STREET
VANCOUVER B.C.
PROJECT: V 240
TYPE OF ANALYSIS: GEOCHEMICAL

CERTIFICATE#: 86483
INVOICE#: 6811
DATE ENTERED: 86.09.28
FILE NAME: MPH86483
PAGE # : 1

PREFIX	SAMPLE NAME	PPB Au
T	713	20
T	714	5
T	715	5
T	716	5
T	717	5
T	718	5
T	719	90
T	720	5
T	721	5
T	722	5
T	725	5
T	726	5
T	727	5
T	728	5
T	729	420
T	730	5
T	731	10
T	1301	270
T	1302	540
T	1303	470
T	1304	10
T	1307	5
T	1308	5
T	1309	70
T	1967	5
T	1968	50
T	1969	5
T	1970	5
T	1971	5
T	1972	5
T	1973	5
T	1974	5
T	1975	5
T	1976	5
T	1977	5
T	1978	5
T	1979	5
T	1980	5
T	1981	5
T	1982	5

RECEIVED OCT 1 1986

CERTIFIED BY : J. Rossbach

ROSSBACHER LABORATORY LTD.
2225 S. SPRINGER AVENUE
BURNABY, B.C. V5B 3N1
TEL : (604) 299 - 6910

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TO : MPH CONSULTING LTD.
301-409 GRANVILLE STREET
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TYPE OF ANALYSIS: GEOCHEMICAL

CERTIFICATE#: 86483
INVOICE#: 6811
DATE ENTERED: 86.09.28
FILE NAME: MPH86483
PAGE # : 2

RE FIX	SAMPLE NAME	PPB Au
T	1983	5
T	1984	5
T	1985	5
T	1986	5
T	1987	5
T	1988	5
T	1989	5
T	1990	50
T	1991	5
T	1992	5
T	1993	5
L	HC-51	5
L	HC-52	300
L	HC-53	5
L	HC-54	5

CERTIFIED BY : J. Rossbach

Chemex Labs Ltd.

•Analytical Chemists •Geochemists •Registered Assayers

212 Brooksbank Ave.
North Vancouver, B.C.
Canada V7J 2C1
Phone: (604) 984-0221
Telex: 043-52597

CERTIFICATE OF ANALYSIS

TO : ROSSBACHER LABORATORY LIMITED

2225 SOUTH SPRINGER AVENUE
BURNABY, B.C.
V5B 3N1

CERT. # : A8618712-001-A
INVOICE # : I8618712
DATE : 2-OCT-86
P.O. # : NONE
V-240

Semi quantitative multi element ICP analysis

Nitric-Aqua-Regia digestion of 0.5 gm of material followed by ICP analysis. Since this digestion is incomplete for many minerals, values reported for Al, Sb, Ba, Be, Ca, Cr, Ga, La, Mg, K, Na, Sr, Tl, Ti, W and V can only be considered as semi-quantitative.

COMMENTS :

Sample description	Al %	Ag ppm	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm		
713	2.72	0.2	20	70	<0.5	<2	1.04	<0.5	22	66	190	5.27	10	0.26	<10	1.54	421	1	0.02	27	980	12	<5	7	0.18	<10	<10	105	<5	72	--	--
714	2.31	0.2	15	60	<0.5	<2	0.46	<0.5	7	20	32	4.45	10	0.22	10	1.27	582	2	0.03	6	810	16	<5	9	0.16	<10	<10	28	<5	92	--	--
715	2.07	0.2	15	130	<0.5	<2	0.18	<0.5	12	40	74	5.19	<10	0.22	<10	1.12	526	1	0.02	11	370	12	<5	7	0.16	<10	<10	103	<5	92	--	--
716	0.92	0.2	25	90	<0.5	<2	0.55	<0.5	16	76	72	1.73	<10	0.09	<10	0.27	202	11	0.02	14	310	10	<5	7	0.13	<10	<10	52	<5	42	--	--
717	2.76	0.2	20	470	<0.5	<2	0.60	<0.5	10	78	107	2.82	<10	0.74	10	1.15	824	3	0.06	12	370	6	<5	22	0.25	<10	<10	115	<5	84	--	--
718	2.21	0.2	25	80	<0.5	<2	0.28	<0.5	13	48	80	4.71	<10	0.25	<10	1.04	453	1	0.02	18	660	6	<5	5	0.16	<10	<10	91	<5	98	--	--
719	5.45	6.4	30	10	<0.5	<2	0.34	<0.5	74	22	1395	26.32	30	0.01	10	2.16	2051	<1	<0.01	<1	1900	<2	<5	1	0.05	<10	<10	41	<5	180	--	--
720	2.30	0.2	15	90	<0.5	<2	0.68	<0.5	12	64	84	5.06	10	0.18	10	1.19	417	1	0.02	17	1980	6	<5	6	0.19	<10	<10	98	<5	86	--	--
721	2.70	0.2	30	150	<0.5	<2	0.16	<0.5	20	46	109	6.18	10	0.30	10	1.31	593	<1	0.02	19	510	10	<5	6	0.16	<10	<10	119	<5	120	--	--
722	2.25	0.2	30	130	<0.5	<2	0.26	<0.5	13	54	79	5.39	10	0.22	10	1.30	716	<1	0.03	17	370	6	<5	4	0.22	<10	<10	119	<5	94	--	--
725	0.55	0.2	<5	10	<0.5	<2	0.84	<0.5	1	72	37	0.57	<10	0.09	10	0.05	77	<1	0.02	1	30	2	<5	2	<0.01	<10	<10	2	<5	6	--	--
726	1.82	0.2	15	100	<0.5	<2	0.80	<0.5	13	69	121	3.69	10	0.12	10	1.06	495	<1	0.05	10	890	4	<5	14	0.20	<10	<10	118	<5	56	--	--
727	1.79	0.2	10	20	<0.5	<2	1.59	<0.5	18	29	169	4.17	10	0.10	<10	0.70	454	<1	0.13	10	850	4	<5	22	0.21	<10	<10	198	<5	50	--	--
728	2.44	0.2	15	80	<0.5	<2	1.21	<0.5	17	64	229	2.16	10	0.15	<10	0.95	530	2	0.19	24	320	6	<5	35	0.17	<10	<10	78	<5	48	--	--
729	1.94	1.0	20	20	<0.5	<2	0.82	1.0	15	60	201	5.47	10	0.07	<10	1.22	597	<1	0.01	20	190	26	<5	<1	0.12	<10	<10	102	<5	210	--	--
730	2.23	0.2	10	20	<0.5	<2	1.80	<0.5	11	75	59	3.20	10	0.08	<10	0.60	457	1	0.20	13	950	4	<5	75	0.22	<10	<10	97	<5	46	--	--
731	2.44	0.4	15	10	<0.5	<2	1.75	<0.5	42	36	659	9.67	10	0.10	<10	0.62	400	<1	0.15	14	1210	4	<5	58	0.20	<10	<10	51	<5	22	--	--
1301	3.70	28.0	45	70	<0.5	<2	1.20	13.0	142	44	>9999	10.63	20	0.13	10	2.33	1492	2	<0.01	17	2360	14	10	76	0.12	<10	<10	50	<5	2546	--	--
1302	2.78	0.2	20	110	<0.5	<2	6.12	<0.5	29	32	280	7.49	30	0.08	<10	1.62	1172	<1	0.01	26	830	4	5	202	0.18	<10	<10	329	<5	100	--	--
1303	4.38	24.0	30	60	<0.5	<2	0.98	0.5	126	25	>9999	16.95	20	0.02	10	2.10	1904	14	0.04	14	1000	22	5	102	0.19	<10	<10	112	<5	486	--	--
1304	4.10	1.2	<5	<10	<0.5	<2	5.16	<0.5	17	39	811	7.61	20	0.01	<10	0.29	254	10	<0.01	6	1110	16	<5	13	0.19	<10	<10	86	<5	24	--	--
1307	1.63	0.8	10	60	<0.5	<2	1.61	<0.5	45	22	900	2.40	10	0.09	<10	0.25	233	1	0.10	59	790	4	<5	13	0.17	<10	<10	67	<5	34	--	--
1308	2.47	0.4	10	60	<0.5	2	0.22	<0.5	18	62	99	5.27	<10	0.16	<10	1.21	463	2	0.02	19	210	10	<5	4	0.17	<10	<10	119	<5	102	--	--
1309	3.77	8.2	5	720	<0.5	<2	3.54	1.5	11	103	2772	4.16	20	0.31	<10	0.79	919	1	0.14	11	7400	10	<5	103	0.14	<10	<10	85	<5	426	--	--
1967	2.02	0.4	5	10	<0.5	<2	1.88	<0.5	16	76	124	3.84	10	0.09	10	0.22	227	1	0.24	17	1510	6	<5	81	0.22	<10	<10	51	<5	16	--	--
1968	0.47	0.2	30	90	<0.5	6	22.04	0.5	7	75	104	1.74	70	0.10	<10	0.29	1791	3	<0.01	14	210	18	10	910	<0.01	<10	<10	17	<5	90	--	--
1969	1.08	0.2	5	100	<0.5	2	0.48	<0.5	9	105	46	2.21	10	0.12	10	0.78	142	<1	0.01	37	210	6	<5	9	<0.01	<10	<10	22	<5	24	--	--
1970	2.42	0.2	10	30	<0.5	<2	2.00	<0.5	16	49	67	4.30	10	0.11	<10	1.06	674	<1	0.11	8	680	8	5	26	0.22	<10	<10	137	<5	66	--	--
1971	3.26	0.2	5	20	<0.5	<2	2.76	<0.5	21	143	225	4.92	20	0.08	10	0.18	217	1	0.52	19	1500	6	<5	130	0.29	<10	<10	56	<5	10	--	--
1972	2.35	0.2	5	20	<0.5	<2	2.03	<0.5	15	64	203	3.33	10	0.08	10	0.30	382	<1	0.33	15	1480	6	<5	97	0.22	<10	<10	54	<5	18	--	--
1973	3.49	0.2	5	50	<0.5	<2	3.39	<0.5	12	87	90	2.69	20	0.17	<10	0.62	454	<1	0.40	14	920	4	<5	94	0.19	<10	<10	74	<5	40	--	--
1974	1.85	0.2	5	10	<0.5	<2	1.82	<0.5	15	89	104	3.75	10	0.05	<10	0.64	464	1	0.18	28	950	6	<5	56	0.18	<10	<10	70	<5	36	--	--
1975	5.24	0.2	<5	120	<0.5	<2	2.27	<0.5	16	74	61	3.58	20	0.27	<10	0.87	402	1	0.79	13	1110	6	<5	225	0.26	<10	<10	93	<5	46	--	--
1976	1.58	0.2	10	10	<0.5	<2	2.38	<0.5	17	76	126	3.39	10	0.08	<10	0.51	435	<1	0.11	20	1190	4	<5	22	0.20	<10	<10	89	<5	28	--	--
1977	1.22	0.2	10	10	<0.5	<2	1.90	<0.5	15	66	92	3.02	10	0.09	10	0.59	414	<1	0.10	16	1280	2	<5	23	0.24	<10	<10	94	<5	30	--	--
1978	2.23	0.2	15	30	<0.5	<2	2.50	<0.5	14	63	32	3.27	10	0.11	<10	0.68	855	<1	0.17	13	1450	4	<5	74	0.31	<10	<10	97	<5	42	--	--
1979	4.71	0.2	20	<10	<0.5	<2	6.59	<0.5	18	90	137	5.11	30	0.02	<10	0.51	406	1	0.02	17	870	4	<5	2	0.28	<10	<10	99	<5	22	--	--
1980	1.22	1.0	<5	<10	<0.5	<2	1.33	<0.5	82	67	769	16.80	10	<0.01	<10	0.23	238	<1	<0.01	19	340	<2	<5	9	0.07	<10	<10	22	<5	26	--	--
1981	1.08	0.2	5	10	<0.5	<2	1.48	<0.5	4	168	56	1.54	10	0.02	<10	0.16	167	2	0.04	9	150	6	<5	8	0.07	<10	<10	48	<5	10	--	--
1982	5.40	0.2	15	<10	<0.5	<2	8.32	<0.5	12	199	97	2.91	20	<0.01	<10	0.18	373	1	<0.01	16	480	10	<5	<1	0.10	<10	<10	71	<5	20	--	--

Certified by ... Hart Bichler.

V03 rev 11 85

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Chemex Labs Ltd.

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Canada V7J 2C1

•Analytical Chemists •Geochemists •Registered Assayers

Phone: (604) 984-0221
Telex: 043-52597

CERTIFICATE OF ANALYSIS

TO : ROSSBACHER LABORATORY LIMITED

2225 SOUTH SPRINGER AVENUE
BURNABY, B.C.
V5B 3N1

CERT. # : A8618712-002-A
INVOICE # : I8618712
DATE : 2-OCT-86
P.O. # : NONE
V-240

Semi quantitative multi element ICP analysis

Nitric-Aqua-Regia digestion of 0.5 gm of material followed by ICP analysis. Since this digestion is incomplete for many minerals, values reported for Al, Sb, Ba, Be, Ca, Cr, Ga, La, Mg, K, Na, Sr, Tl, Ti, W and V can only be considered as semi-quantitative.

COMMENTS :

Sample description	Al %	Ag ppm	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm		
1982	2.76	0.2	20	<10	<0.5	<2	3.05	<0.5	16	99	120	4.00	10	<0.01	<10	0.66	311	5	<0.01	14	600	4	<5	<1	0.07	<10	<10	59	<5	22	--	--
1984	2.90	0.4	25	<10	<0.5	<2	7.22	<0.5	22	90	202	5.81	20	<0.01	<10	0.56	383	12	<0.01	13	870	4	<5	<1	0.13	<10	<10	80	<5	30	--	--
1985	1.10	0.2	10	<10	<0.5	<2	1.20	<0.5	12	97	170	3.57	<10	0.01	<10	0.21	137	2	0.01	6	200	<2	<5	1	0.04	<10	<10	56	<5	10	--	--
1986	0.24	0.2	5	<10	<0.5	<2	0.28	<0.5	3	117	64	1.54	<10	<0.01	<10	0.02	40	<1	<0.01	2	30	<2	<5	1	<0.01	<10	<10	11	<5	4	--	--
1987	3.09	0.2	10	<10	0.5	<2	3.13	<0.5	7	104	51	2.98	10	<0.01	<10	0.28	243	1	<0.01	7	420	<2	<5	1	0.05	<10	<10	38	<5	16	--	--
1988	1.11	0.4	10	<10	<0.5	<2	0.90	<0.5	25	97	386	5.22	<10	0.01	<10	0.19	178	<1	0.11	8	430	2	<5	34	0.04	<10	<10	17	<5	12	--	--
1989	1.21	0.2	10	10	<0.5	<2	0.98	<0.5	6	60	142	3.56	10	0.08	10	0.76	137	<1	0.05	<1	910	2	<5	19	0.05	<10	<10	25	<5	16	--	--
1990	1.66	1.6	<5	<10	<0.5	<2	1.99	<0.5	94	52	990	23.22	10	<0.01	<10	0.19	219	<1	<0.01	18	390	<2	<5	<1	0.02	<10	<10	14	<5	26	--	--
1991	1.40	0.2	10	10	<0.5	<2	1.44	<0.5	15	55	91	3.06	10	0.05	<10	0.50	356	<1	0.10	15	1320	2	<5	29	0.14	<10	<10	58	<5	26	--	--
1992	2.44	0.2	10	10	<0.5	<2	2.50	<0.5	34	39	395	5.49	10	0.08	<10	0.27	418	<1	0.20	26	2000	2	<5	70	0.10	<10	<10	29	<5	20	--	--
1993	3.01	0.2	10	<10	<0.5	<2	3.41	<0.5	22	76	162	6.22	20	<0.01	<10	0.58	401	<1	0.01	11	690	2	<5	<1	0.11	<10	<10	82	<5	26	--	--
HC-51	3.33	0.2	95	270	<0.5	<2	0.71	<0.5	19	125	77	4.24	10	0.16	10	1.01	1045	<1	0.03	25	750	28	<5	40	0.18	<10	<10	107	<5	136	--	--
HC-52	3.08	0.2	20	210	<0.5	<2	0.78	<0.5	17	87	69	4.36	10	0.12	10	0.91	747	<1	0.05	22	680	16	<5	31	0.25	<10	<10	128	<5	78	--	--
HC-53	2.61	0.2	20	140	<0.5	<2	0.59	<0.5	17	353	61	3.97	<10	0.07	10	1.07	759	<1	0.04	28	650	16	<5	24	0.18	<10	<10	102	<5	82	--	--
HC-54	2.48	0.2	25	170	<0.5	<2	0.52	<0.5	15	186	59	3.37	<10	0.07	10	0.68	814	<1	0.02	26	540	18	<5	21	0.13	<10	<10	85	<5	166	--	--

Certified by ... Hart Bichler

V03 rev 11/85

ROSSBACHER LABORATORY LTD.

2225 S. SPRINGER AVENUE
BURNABY, B.C. V5B 3N1
TEL : (604) 299 - 6910

CERTIFICATE OF ANALYSIS

TO : MPH CONSULTING LTD.
301-409 GRANVILLE STREET
VANCOUVER B.C.

PROJECT: V 240

TYPE OF ANALYSIS: GEOCHEMICAL

CERTIFICATE#: 86494
INVOICE#: 6830
DATE ENTERED: 86.10.04
FILE NAME: MPH86494
PAGE # : 1

PREFIX	SAMPLE NAME	PPB Au
A	1994	5
A	1995	5
A	1996	20
A	1997	5
A	1998	5
A	1999	5
A	2000	5
A	3401	5
A	3402	5
A	3403	5
A	3404	5
A	3405	5
A	3406	5
A	3407	5
A	3408	5
A	3409	50
A	HC 55	5
A	HC 56	5
A	HC 57	5
A	HC 58	10

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CERTIFIED BY : J. Rossbach

Chemex Labs Ltd.

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Analytical Chemists *Geochemists* *Registered Assayers*

CERTIFICATE OF ANALYSIS

TO : ROSSBACHER LABORATORY LIMITED

2225 SOUTH SPRINGER AVENUE
BURNABY, B.C.
V5B 3N1

CERT. # : A8619456-001-A
INVOICE # : I8619456
DATE : 23-OCT-86
P.O. # : NONE
V 240

Semi quantitative multi element ICP analysis

Nitric-Aqua-Regia digestion of 0.5 gm of material followed by ICP analysis. Since this digestion is incomplete for many minerals, values reported for Al, Sb, Ba, Be, Ca, Cr, Ga, La, Mg, K, Na, Sr, Tl, Ti, W and V can only be considered as semi-quantitative.

COMMENTS :
ATTN: P. ROSSBACHER

Sample description	Al %	Ag ppm	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm		
1994	2.76	0.2	5	<10	<0.5	<2	2.96	<0.5	19	100	80	2.89	10	0.05	<10	0.85	433	<1	0.04	19	890	2	<5	<1	0.26	<10	<10	78	<5	40	--	--
1995	3.89	0.2	<5	<10	<0.5	<2	3.84	<0.5	21	110	91	5.30	20	0.07	<10	1.13	655	<1	0.06	16	1340	12	<5	<1	0.35	<10	<10	140	<5	74	--	--
1996	2.93	0.2	<5	10	<0.5	<2	1.26	<0.5	39	99	250	8.00	10	0.05	10	1.03	358	2	0.11	15	1020	10	<5	38	0.09	<10	<10	159	<5	44	--	--
1997	0.77	0.4	<5	10	<0.5	<2	0.79	<0.5	3	109	39	0.99	10	0.08	10	0.09	37	<1	0.03	2	70	16	<5	<1	0.03	<10	<10	5	<5	8	--	--
1998	5.67	0.2	5	<10	<0.5	<2	7.74	<0.5	68	109	571	10.67	20	<0.01	<10	0.55	583	<1	0.01	14	950	9	<5	<1	0.21	<10	<10	102	<5	22	--	--
1999	3.00	0.2	<5	10	<0.5	<2	3.30	<0.5	20	105	99	4.75	10	0.07	<10	0.74	598	1	0.13	18	1160	8	<5	31	0.34	<10	<10	139	<5	34	--	--
2000	1.94	0.2	5	20	<0.5	<2	2.04	<0.5	21	48	495	4.61	10	0.07	20	0.47	237	<1	0.15	16	2610	4	<5	35	0.34	<10	<10	93	5	30	--	--
3401	0.22	0.2	<5	<10	<0.5	<2	0.19	<0.5	1	196	1	0.33	<10	<0.01	<10	0.05	64	1125	<0.01	3	50	<2	<5	1	<0.01	<10	<10	2	<5	2	--	--
3402	1.78	0.2	<5	20	<0.5	<2	1.54	<0.5	11	154	99	2.59	<10	0.03	<10	0.38	115	8	0.32	12	390	2	<5	47	0.15	<10	<10	42	<5	4	--	--
3403	2.25	0.2	<5	80	<0.5	<2	1.41	<0.5	21	176	121	5.24	10	0.21	10	0.76	238	8	0.30	24	750	6	<5	44	0.21	<10	<10	154	<5	32	--	--
3404	2.13	0.2	<5	20	<0.5	<2	2.07	<0.5	20	85	145	4.37	10	0.12	10	0.81	517	<1	0.15	17	2050	9	<5	25	0.41	<10	<10	132	<5	48	--	--
3405	4.44	0.2	5	10	<0.5	<2	3.38	<0.5	49	49	318	4.19	10	0.09	<10	0.32	230	<1	0.62	33	1690	4	<5	182	0.22	<10	<10	54	<5	14	--	--
3406	7.00	0.2	<5	<10	<0.5	<2	9.21	<0.5	17	95	119	2.50	30	<0.01	<10	0.61	534	<1	<0.01	9	920	<2	<5	<1	0.18	<10	<10	95	<5	24	--	--
3407	2.76	0.2	5	<10	<0.5	<2	3.36	<0.5	20	168	93	2.66	10	<0.01	<10	0.39	295	<1	<0.01	9	140	2	<5	<1	0.08	<10	<10	62	<5	68	--	--
3408	1.25	0.2	<5	<10	<0.5	<2	1.13	<0.5	11	114	151	2.61	<10	0.02	<10	0.27	235	7	0.08	5	470	4	<5	13	0.14	<10	<10	127	<5	20	--	--
3409	1.89	10.0	10	20	<0.5	<2	0.51	<0.5	21	94	925	6.09	<10	0.22	<10	0.80	651	1	0.04	6	680	14	<5	21	0.22	<10	<10	112	475	64	--	--
HC-55	3.99	0.2	15	220	<0.5	<2	1.02	0.5	24	54	79	4.52	<10	0.10	10	0.85	1231	<1	0.03	22	900	40	<5	36	0.21	<10	<10	119	<5	178	--	--
HC-56	5.05	0.2	5	280	<0.5	<2	1.24	<0.5	29	396	72	5.09	10	0.15	20	1.17	2917	<1	0.04	52	990	20	<5	40	0.29	<10	<10	147	<5	110	--	--
HC-57	5.66	0.6	5	190	<0.5	<2	1.82	0.5	31	234	94	5.76	10	0.20	10	2.24	1235	<1	0.03	29	790	42	<5	41	0.22	<10	<10	162	<5	150	--	--
HC-58	4.02	0.6	10	130	<0.5	<2	1.78	1.0	22	393	73	4.26	10	0.09	20	0.75	1561	<1	0.04	30	870	34	<5	38	0.25	<10	<10	126	<5	188	--	--

10

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ROSSBACHER LABORATORY LTD.

2225 S. SPRINGER AVENUE
BURNABY, B.C. V5B 3N1
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CERTIFICATE OF ANALYSIS

ATTN : MPH CONSULTING LTD.
301-409 GRANVILLE STREET
VANCOUVER B.C.
PROJECT: V 240
TYPE OF ANALYSIS: GEOCHEMICAL

CERTIFICATE#: 86548
INVOICE#: 7033
DATE ENTERED: 86-10-15
FILE NAME: MPH86548
PAGE # : 1

FLAG	SAMPLE NAME	PPB Au
	3410	5
	3411	5
A	3412	5
A	HC-S-09	5
	HC-S-10	5

COPY

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CERTIFIED BY : D. Rossbacher

Chemex Labs Ltd.

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Telex: 043-52597

CERTIFICATE OF ANALYSIS

TO : ROSSBACHER LABORATORY LIMITED

2225 SOUTH SPRINGER AVENUE
BURNABY, B.C.
V5B [illegible]

CERT. # : A8619825-001-A
INVOICE # : I8619825
DATE : [illegible]-OCT-86
P.O. # : NONE
V-240

Trace level quantitative multi element ICP analysis

Nitric-Aqua-Regia digestion of 0.5 gm of material followed by ICP analysis. Since [illegible] digestion is incomplete for many minerals, values reported for Al, Sb, Ba, Be, Ca, Cr, Ga, La, Mg, K, Na, Sr, Tl, Ti, W and V can only be considered as semi-quantitative.

COMMENTS :
ATTN: P. ROSSBACHER

Sample description	Al %	Ag ppm	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm		
3410	1.95	0.2	5	110	<0.5	<2	3.14	<0.5	17	88	19	5.05	20	0.12	<10	1.52	1051	<1	0.03	16	1460	8	<5	105	<0.01	<10	<10	117	<5	114	--	--
3411	2.28	0.2	<5	60	<0.5	<2	0.54	<0.5	16	139	73	5.11	10	0.12	<10	1.00	992	1	0.08	30	760	2	<5	13	0.14	<10	<10	105	<5	230	--	--
3412	[illegible]	[illegible]	<5	10	<0.5	<2	0.93	<0.5	18	112	124	2.46	10	0.07	<10	0.27	262	<1	0.02	14	280	4	<5	16	0.16	<10	<10	35	<5	51	--	--
HC-5-?	2.18	<0.2	<5	150	<0.5	<2	6.86	<0.5	16	55	49	3.72	10	0.07	10	0.98	942	<1	0.01	27	250	10	<5	35	0.22	<10	<10	93	<5	99	--	-
HC-5-[illegible]	3.21	<0.2	<5	210	<0.5	<2	3.35	<0.5	22	96	85	4.78	10	0.14	10	1.19	1224	<1	0.02	23	560	20	<5	11	0.22	<10	<10	98	<5	144	--	--

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CERTIFICATE OF ANALYSIS

TO : MPH CONSULTING LTD.
301-409 GRANVILLE STREET
VANCOUVER B.C.

PROJECT: V 240
TYPE OF ANALYSIS: GEOCHEMICAL

CERTIFICATE#: 86598
INVOICE#: 7086
DATE ENTERED: 86-10-26
FILE NAME: MPH86598
PAGE # : 1

RE FIX	SAMPLE NAME	PPB Au
A	3415	5

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CERTIFICATE OF ANALYSIS

TO : MPH CONSULTING LTD.
301-409 GRANVILLE STREET
VANCOUVER B.C.
PROJECT: V 240
TYPE OF ANALYSIS: GEOCHEMICAL

CERTIFICATE#: 86610
INVOICE#: 7120
DATE ENTERED: 86-10-31
FILE NAME: MPH86610
PAGE # : 1

PREFIX	SAMPLE NAME	PPB Au
A	3918	5
A	3919	5
A	3920	5
A	3921	5
A	3922	5
A	3923	5
A	3924	5
A	3925	5
A	3926	5
A	4251	5
A	4252	5
A	4253	5
A	4254	40
A	4255	5
A	4256	5
A	4257	5
A	4258	5
A	4259	5
A	4260	5
A	4261	5
A	4262	5
A	4263	5
A	4264	440
A	4265	60
A	4266	60
A	4267	5
A	4268	20
A	4269	50
A	4270	30
A	4271	5
A	4272	5
A	4273	30
A	4274	5
A	4698	80
A	4699	5
A	4700	5
L	SILT-1	5
L	SILT-2	5
L	SILT-5	5
L	SILT-6	5

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CERTIFIED BY : J. Rossbach

ROSSBACHER LABORATORY LTD.
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CERTIFICATE OF ANALYSIS

TO : MPH CONSULTING LTD.
301-409 GRANVILLE STREET
VANCOUVER B.C.
PROJECT: V 240
TYPE OF ANALYSIS: GEOCHEMICAL

CERTIFICATE#: 86610
INVOICE#: 7120
DATE ENTERED: 86-10-31
FILE NAME: MPH86610
PAGE # : 1

PREFIX	SAMPLE NAME	PPB Au
L	SILT- 7	5
L	SILT- 8	5
L	SILT- 9	5
L	SILT-10	5
L	SILT-12	5
L	SILT-13	5

CERTIFIED BY : J. Rossbacher

Chemex Labs Ltd.

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CERTIFICATE OF ANALYSIS

TO : ROSSBACHER LABORATORY LIMITED

2225 SOUTH SPRINGER AVENUE
BURNABY, B.C.
V5B 3N1

CERT. # : A8620323-001-A
INVOICE # : I8620323
DATE : 17-NOV-86
P.O. # : NONE
V243

Semi quantitative multi element ICP analysis

Nitric-Aqua-Regia digestion of 0.5 gm of material followed by ICP analysis. Since this digestion is incomplete for many minerals, values reported for Al, Sb, Ba, Be, Ca, Cr, Ga, La, Mg, K, Na, Sr, Tl, Ti, W and V can only be considered as semi-quantitative.

COMMENTS :
ATTN: P. ROSSBACHER

Sample description	Al %	Ag ppm	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm		
3918	3.08	0.4	<5	60	<0.5	<2	1.02	0.5	11	73	78	5.31	<10	0.24	<10	1.38	467	<1	0.10	9	960	30	<5	20	0.32	<10	<10	108	<5	96	--	--
3919	3.00	0.4	5	70	<0.5	<2	0.99	<0.5	10	104	62	4.46	<10	0.06	<10	1.11	560	<1	0.16	13	350	20	<5	37	0.16	<10	<10	90	<5	116	--	--
3920	2.62	<0.2	<5	57	<0.5	<2	1.11	<0.5	22	43	124	5.66	<10	0.20	<10	1.31	668	1	0.26	20	470	18	<5	6	0.27	<10	<10	95	<5	102	--	--
3921	2.60	0.2	<5	70	<0.5	<2	0.37	<0.5	13	31	76	5.15	<10	0.23	<10	1.51	533	1	0.02	13	320	10	<5	3	0.26	<10	<10	53	<5	96	--	--
3922	3.10	<0.2	15	50	<0.5	<2	0.51	<0.5	16	55	68	5.31	<10	0.23	<10	1.40	741	<1	0.03	17	240	12	<5	3	0.26	<10	<10	89	<5	112	--	--
3923	1.72	0.2	<5	90	<0.5	<2	1.30	<0.5	11	52	79	3.34	<10	0.19	20	1.36	1170	3	0.03	16	2490	12	<5	7	0.08	<10	<10	46	<5	84	--	--
3924	2.11	<0.2	<5	30	<0.5	<2	0.28	<0.5	11	77	46	4.42	<10	0.20	<10	1.09	447	3	0.04	16	490	12	<5	2	0.22	<10	<10	95	<5	78	--	--
3925	3.87	<0.2	<5	50	<0.5	<2	2.26	<0.5	17	73	110	4.41	10	0.17	10	1.15	466	<1	0.27	17	1540	12	<5	96	0.21	<10	<10	121	5	56	--	--
3926	2.73	<0.2	<5	160	<0.5	<2	0.35	<0.5	9	46	144	5.80	<10	0.17	<10	2.03	643	<1	0.05	10	510	8	<5	12	0.27	<10	<10	190	<5	44	--	--
4251	4.12	<0.2	5	70	<0.5	<2	2.59	<0.5	39	92	192	5.29	10	0.17	<10	1.03	208	<1	0.40	102	610	16	<5	161	0.29	<10	<10	106	5	72	--	--
4252	2.44	0.2	<5	90	<0.5	<2	2.17	0.5	41	108	239	5.15	10	0.17	<10	1.12	254	<1	0.28	86	570	10	<5	137	0.27	<10	<10	111	<5	42	--	--
4253	0.10	<0.2	<5	10	<0.5	<2	0.13	<0.5	<1	168	19	11.10	<10	<0.01	<10	0.04	179	1	<0.01	22	400	10	<5	3	<0.01	<10	<10	180	<5	12	--	--
4254	0.10	<0.2	<5	50	<0.5	<2	0.23	<0.5	<1	137	120	10.92	<10	<0.01	<10	0.05	2082	<1	<0.01	17	290	8	<5	3	<0.01	<10	<10	223	<5	8	--	--
4255	0.87	1.2	25	40	<0.5	<2	0.09	<0.5	27	88	111	5.60	<10	0.09	<10	0.63	120	3	<0.01	33	510	16	<5	1	<0.01	<10	<10	14	<5	192	--	--
4256	0.57	0.2	5	30	<0.5	<2	0.22	<0.5	8	164	1003	3.34	<10	<0.01	<10	0.36	301	<1	<0.01	25	860	10	<5	4	<0.01	<10	<10	146	<5	22	--	--
4257	1.19	0.2	<5	90	<0.5	<2	0.03	<0.5	5	56	27	3.02	<10	0.13	10	0.85	99	<1	<0.01	11	290	6	<5	3	<0.01	<10	<10	13	<5	44	--	--
4258	6.07	0.2	<5	110	<0.5	<2	3.31	<0.5	10	75	72	6.95	10	0.08	<10	0.87	484	<1	0.02	12	450	16	<5	164	0.25	<10	<10	59	5	68	--	--
4259	0.37	<0.2	5	40	<0.5	<2	0.22	0.5	1	184	240	15.00	<10	<0.01	<10	0.33	920	<1	<0.01	81	540	30	<5	3	0.01	<10	<10	104	<5	154	--	--
4260	2.53	0.2	<5	<10	<0.5	<2	1.01	<0.5	20	77	280	6.40	<10	0.02	<10	1.24	897	<1	0.04	12	610	14	<5	42	0.24	<10	<10	68	<5	148	--	--
4261	2.46	<0.2	<5	10	<0.5	<2	1.49	<0.5	15	117	115	4.32	<10	0.05	<10	1.05	636	<1	0.03	10	560	10	<5	2	0.16	<10	<10	65	<5	100	--	--
4262	0.91	<0.2	10	30	<0.5	<2	6.04	<0.5	11	85	27	3.81	10	0.28	<10	1.80	1405	<1	0.01	9	220	10	<5	123	<0.01	<10	<10	18	5	52	--	--
4263	2.18	<0.2	30	70	<0.5	<2	0.27	<0.5	20	40	41	6.29	<10	0.29	10	0.50	1508	<1	0.01	19	740	14	<5	5	<0.01	<10	<10	24	<5	64	--	--
4264	2.80	2.6	30	150	<0.5	<2	1.39	3.0	44	29	1069	14.11	<10	0.02	20	0.65	2221	1	<0.01	4	4240	14	<5	31	0.09	<10	<10	65	<5	1740	--	--
4265	2.45	2.0	10	30	<0.5	<2	1.61	<0.5	29	33	913	8.77	10	0.02	20	0.64	2190	1	0.01	2	3600	12	<5	44	0.18	<10	<10	43	<5	220	--	--
4266	2.85	10.6	15	20	<0.5	<2	1.45	10.0	28	41	5012	9.87	<10	0.02	10	1.02	1508	2	<0.01	16	2770	10	<5	25	0.13	<10	<10	77	15	4738	--	--
4267	2.45	0.2	45	[illegible]	[illegible]	<2	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	0.01	[illegible]	[illegible]	4065	<1	0.01	[illegible]	[illegible]	4	<5	31	0.11	<10	<10	79	<5	770	--	--
4268	2.54	3.2	<5	90	<0.5	<2	0.72	12.5	22	46	2139	3.62	<10	0.15	<10	0.73	1030	2	0.07	12	1210	4	<5	24	0.12	<10	<10	31	<5	5582	--	--
4269	1.94	9.2	<5	80	<0.5	<2	1.43	2.0	23	68	3852	7.72	10	0.06	<10	0.74	937	1	<0.01	10	3000	14	<5	33	0.16	<10	<10	40	5	856	--	--
4270	2.25	1.8	<5	90	<0.5	<2	1.21	0.5	28	36	2042	10.77	<10	0.05	<10	1.40	1130	1	0.15	2	540	10	<5	76	0.11	<10	<10	13	<5	434	--	--
4271	3.07	0.8	<5	30	<0.5	<2	3.95	<0.5	27	56	1773	10.65	20	0.01	<10	0.38	799	<1	<0.01	16	>9999	14	<5	32	0.12	<10	<10	67	<5	74	--	--
4272	4.21	0.4	15	150	<0.5	<2	1.53	2.5	9	17	5012	15.00	<10	0.11	10	1.55	4866	<1	0.02	3	2620	26	<5	59	0.24	<10	<10	37	<5	2458	--	--
4273	2.33	5.4	5	<10	<0.5	<2	0.84	<0.5	311	28	25532	15.00	<10	0.26	<10	0.25	346	<1	0.01	8	1430	10	<5	4	0.13	<10	<10	29	<5	72	--	--
4274	1.65	0.2	<5	840	<0.5	<2	1.31	<0.5	24	42	629	6.32	10	0.15	20	0.52	949	2	0.10	2	1500	10	<5	4	0.27	<10	<10	21	<5	106	--	--
4698	0.12	0.2	15	240	<0.5	<2	0.09	<0.5	9	152	199	7.75	<10	<0.01	<10	0.05	239	16	<0.01	21	270	24	<5	1	<0.01	<10	<10	127	<5	18	--	--
4699	2.54	0.2	<5	40	<0.5	<2	2.29	<0.5	17	78	100	3.91	10	0.10	<10	0.31	250	1	0.29	19	880	4	<5	75	0.28	<10	<10	61	<5	20	--	--
4700	5.13	<0.2	<5	50	<0.5	<2	3.44	1.0	34	113	112	4.13	20	0.19	<10	0.97	216	<1	0.51	110	420	10	<5	155	0.27	<10	<10	71	<5	56	--	--
SILT-01	2.93	0.4	15	180	<0.5	<2	0.37	<0.5	25	221	84	4.99	<10	0.11	10	1.12	1797	<1	0.02	29	590	10	<5	25	0.20	<10	<10	117	<5	148	--	--
SILT-02	3.03	0.2	10	140	<0.5	<2	0.69	<0.5	20	41	68	5.06	<10	0.08	10	1.21	1233	<1	0.02	31	480	6	<5	29	0.24	<10	<10	100	<5	204	--	--
SILT-05	2.81	0.2	10	170	<0.5	<2	0.89	<0.5	20	130	70	4.52	<10	0.09	10	1.01	1058	<1	0.02	34	510	14	<5	22	0.25	<10	<10	102	<5	128	--	--
SILT-06	3.25	0.2	10	210	<0.5	<2	0.88	<0.5	22	91	80	4.34	10	0.10	10	1.01	946	<1	0.01	42	450	16	<5	42	0.20	<10	<10	119	<5	116	--	--

Certified by ..HartBichler..............

Chemex Labs Ltd.

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CERTIFICATE OF ANALYSIS

TO : ROSSBACHER LABORATORY LIMITED

2225 SOUTH SPRINGER AVENUE
BURNABY, B.C.
V5B 3N1

CERT. # : A8620323-002-A
INVOICE # : I8620323
DATE : 17-NOV-86
P.O. # : NONE
V210

Semi quantitative multi element ICP analysis

Nitric-Aqua-Regia digestion of 0.5 gm of material followed by ICP analysis. Since this digestion is incomplete for many minerals, values reported for Al, Sb, Ba, Be, Ca, Cr, Ga, La, Mg, K, Na, Sr, Tl, Ti, W and V can only be considered as semi-quantitative.

COMMENTS :
ATTN: P. ROSSBACHER

Sample description	Al %	Ag ppm	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	K %
SILT-07	2.49	0.2	10	150	<0.5	<2	0.79	<0.5	19	116	71	4.52	<10	0.05
SILT-08	1.81	0.2	10	100	<0.5	<2	1.59	<0.5	14	70	46	3.32	<10	0.05
SILT-09	1.26	1.2	5	110	<0.5	<2	1.71	1.0	10	57	24	2.18	<10	0.03
SILT-10	2.09	0.2	10	160	<0.5	<2	0.98	<0.5	19	73	51	4.28	<10	0.03
SILT-12	2.77	0.2	10	150	<0.5	<2	0.81	<0.5	20	103	77	4.48	<10	0.06
SILT-13	3.46	<0.2	<5	120	<0.5	<2	0.50	0.5	20	57	76	4.18	<10	0.07
3415	3.56	<0.2	10	70	<0.5	<2	2.90	<0.5	95	31	772	12.04	20	0.03

Sample description	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm		
SILT-07	10	0.92	813	<1	0.01	36	460	10	<5	24	0.17	<10	<10	96	<5	98	--	--
SILT-08	10	0.66	[illegible]	<1	[illegible]	[illegible]	576	12	<5	32	0.11	<10	<10	61	<5	106	--	--
SILT-09	10	0.46	535	<1	0.01	36	600	6	<5	32	0.10	<10	<10	46	<5	128	--	--
SILT-10	10	0.69	1708	<1	0.01	31	540	10	<5	28	0.15	<10	<10	79	<5	110	--	--
SILT-12	10	0.79	1210	<1	0.01	24	590	12	<5	28	0.20	<10	<10	97	<5	108	--	--
SILT-13	10	0.97	620	<1	0.01	32	790	16	<5	21	0.17	<10	<10	95	<5	128	--	--
3415	10	2.14	1600	<1	0.03	49	1270	10	<5	20	0.26	<10	<10	371	5	88	--	--

Certified by ....Hart Bichler.

V03 rev 11 85

ROSSBACHER LABORATORY LTD.

2225 S. SPRINGER AVENUE
BURNABY, B.C. V5B 3N1
TEL : (604) 299 - 6910

CERTIFICATE OF ANALYSIS

TO : MPH CONSULTING LTD.
301-409 GRANVILLE STREET
VANCOUVER B.C.

PROJECT: V 240
TYPE OF ANALYSIS: ASSAY

CERTIFICATE#: 86483.B
INVOICE#: 7146
DATE ENTERED: 86-11-05
FILE NAME: MPH86483.B
PAGE # : 1

PRE FIX	SAMPLE NAME	oz/t Au	oz/t Ag	% Cu
	729	0.014		
A	1301	0.010		2.68
A	1302	0.016		
	1303	0.016	0.72	3.04
H	4264	0.013		

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CERTIFIED BY : J. Rossbach

ROSSBACHER LABORATORY LTD.
2225 S. SPRINGER AVENUE
BURNABY, B.C. V5B 3N1
TEL : (604) 299 - 6910

CERTIFICATE OF ANALYSIS

TO : MPH CONSULTING LTD.
301-409 GRANVILLE STREET
VANCOUVER B.C.

PROJECT: V 240
TYPE OF ANALYSIS: GEOCHEMICAL

CERTIFICATE#: 86617
INVOICE#: 7127
DATE ENTERED: 86-11-03
FILE NAME: MPH86617
PAGE # : 1

PRE FIX	SAMPLE NAME	PPB Au
	3968	5
A	3969	5
	3970	5
	3971	5
A	3972	5
A	3973	5
	3974	5
	3975	5
A	3976	5
	3977	120
	3978	20
L	S-11	5
	S-12	5

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CERTIFIED BY : D. Rossbach

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CERTIFICATE OF ANALYSIS

TO : ROSSBACHER LABORATORY LIMITED

2225 SOUTH SPRINGER AVENUE
BURNABY, B.C.
V5B 3N1

CERT. # : A8620478-001-A
INVOICE # : I8620478
DATE : 20-NOV-86
P.O. # : NONE
JOB :

Semi quantitative multi element ICP analysis

Nitric-Aqua-Regia digestion of 0.5 gm of material followed by ICP analysis. Since this digestion is incomplete for many minerals, values reported for Al, Sb, Ba, Be, Ca, Cr, Ga, La, Mg, K, Na, Sr, Tl, Ti, W and V can only be considered as semi-quantitative.

COMMENTS :
ATTN: P. ROSSBACHER

Sample description	Al %	Ag ppm	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm		
3968	2.61	0.2	25	140	<0.5	<2	0.68	0.5	18	109	54	6.69	<10	0.09	10	1.44	1794	<1	0.03	31	3610	6	<5	4	0.01	<10	<10	129	<5	98	--	--
3969	6.20	0.2	<5	380	<0.5	<2	4.25	<0.5	30	97	129	3.02	20	0.66	<10	0.87	137	<1	0.32	51	590	<2	<5	95	0.32	<10	<10	133	<5	34	--	--
3970	1.50	0.2	<5	50	<0.5	<2	0.14	<0.5	13	121	122	3.44	<10	0.05	<10	1.31	1061	<1	0.04	19	220	4	<5	3	0.04	<10	<10	58	<5	58	--	--
3971	2.44	0.2	<5	250	<0.5	<2	0.23	0.5	59	35	138	6.94	10	0.13	10	1.32	745	12	0.05	32	720	9	<5	14	0.38	<10	<10	227	<5	84	--	--
3972	2.63	0.2	<5	110	<0.5	<2	0.21	0.5	17	37	80	6.36	10	0.12	<10	1.50	827	<1	0.10	15	620	<2	<5	4	0.12	<10	<10	134	<5	100	--	--
3973	2.78	0.2	<5	120	<0.5	<2	0.25	0.5	17	41	90	6.59	10	0.13	10	1.38	858	<1	0.03	16	660	2	<5	4	0.15	<10	<10	135	<5	110	--	--
3974	2.24	0.2	<5	170	<0.5	<2	0.28	0.5	18	51	85	5.59	10	0.38	<10	1.15	526	<1	0.03	22	420	2	<5	9	0.25	<10	<10	129	<5	116	--	--
3975	1.25	0.2	<5	20	<0.5	<2	>15.00	<0.5	6	14	35	2.37	<10	0.15	<10	0.54	2135	<1	0.01	5	790	<2	5	<1	0.01	<10	<10	33	<5	48	--	--
3976	2.33	0.4	<5	60	<0.5	<2	0.21	0.5	11	31	121	4.27	10	0.22	<10	1.13	403	3	0.02	14	660	2	<5	2	0.14	<10	<10	58	<5	68	--	--
3977	0.13	0.2	45	<10	<0.5	3	0.15	1.0	35	99	125	13.74	<10	<0.01	<10	0.07	452	94	0.01	69	350	16	5	<1	<0.01	<10	<10	161	<5	32	--	--
3978	0.12	0.2	15	<10	<0.5	4	0.08	1.0	31	108	60	10.51	<10	<0.01	<10	0.05	314	56	<0.01	39	360	12	<5	<1	<0.01	<10	<10	198	<5	28	--	--
S-11	3.28	0.2	<5	190	<0.5	<2	0.71	1.0	19	139	84	4.63	10	0.10	10	1.02	933	<1	0.02	35	610	4	<5	27	0.26	<10	<10	116	<5	126	--	--
S-12	3.05	0.2	5	160	<0.5	<2	0.81	0.5	20	52	83	4.41	10	0.09	10	1.04	828	<1	0.02	35	660	6	<5	31	0.22	<10	<10	101	<5	108	--	--

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Certified by .....

V03 rev 11-85

Chemex Labs Ltd.

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CERTIFICATE OF ANALYSIS

TO : ROSSBACHER LABORATORY LIMITED

2225 SOUTH SPRINGER AVENUE
BURNABY, B.C.
V5B 3N1

CERT. # : A8620592-001-A
INVOICE # : I8620592
DATE : 20-NOV-86
P.O. # : NONE
V230

Semi quantitative multi element ICP analysis

Nitric-Aqua-Regia digestion of 0.5 gm of material followed by ICP analysis. Since this digestion is incomplete for many minerals, values reported for Al, Sb, Ba, Be, Ca, Cr, Ga, La, Mg, K, Na, Sr, Tl, Ti, W and V can only be considered as semi-quantitative.

COMMENTS :
ATTN: P. ROSSBACHER

Sample description	Al %	Ag ppm	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm		
3977	1.81	0.2	5	20	<0.5	<2	1.29	<0.5	24	89	169	4.71	<10	0.12	10	1.03	703	<1	0.07	17	1310	8	<5	5	0.38	<10	<10	127	<5	56	--	--
3978	1.93	0.2	<5	10	<0.5	<2	1.40	<0.5	16	113	102	3.88	10	0.07	10	0.95	748	<1	0.15	17	1490	2	<5	37	0.37	<10	<10	144	<5	44	--	--
3979	1.66	0.2	5	300	<0.5	<2	0.12	<0.5	10	31	46	2.87	<10	0.21	10	0.35	324	<1	0.02	10	220	4	<5	7	0.03	<10	<10	59	<5	86	--	--
3980	3.73	0.2	<5	240	<0.5	<2	2.22	0.5	28	52	255	5.21	10	0.41	<10	1.12	1020	<1	0.41	13	2010	4	<5	109	0.22	<10	<10	206	<5	74	--	--
3981	2.85	0.2	5	290	<0.5	<2	2.23	1.0	20	46	668	10.12	20	0.38	20	1.20	1250	<1	0.28	2	2150	4	<5	42	0.25	<10	<10	91	<5	162	--	--
3982	2.30	0.6	<5	60	<0.5	<2	2.11	1.0	63	78	2515	6.36	20	0.34	<10	1.26	546	<1	0.07	44	1080	2	<5	1	[illegible]	<10	<10	175	25	114	--	--
3983	2.59	0.2	<5	110	<0.5	<2	0.87	0.5	16	32	74	5.90	<10	0.17	10	1.20	761	1	0.03	14	610	8	5	19	0.25	<10	<10	63	<5	96	--	--
3984	1.69	0.2	5	70	<0.5	<2	2.28	<0.5	22	46	234	6.66	20	0.08	10	0.76	549	<1	0.10	11	2150	2	<5	24	0.42	<10	<10	244	<5	66	--	--
3985	1.58	0.2	10	90	<0.5	<2	0.22	1.0	15	30	52	2.29	<10	0.12	10	0.02	595	2	0.01	11	530	4	<5	8	0.17	<10	<10	47	<5	66	--	--
3986	0.02	0.2	<5	10	<0.5	4	0.13	0.5	<1	274	1	9.19	<10	<0.01	<10	0.02	350	2	0.01	25	490	2	<5	6	<0.01	<10	<10	128	<5	36	--	--
3987	2.61	0.2	<5	130	<0.5	<2	3.77	<0.5	20	41	145	5.08	<10	0.24	<10	1.54	2028	1	0.04	15	360	8	<5	12	0.27	<10	<10	129	<5	104	--	--
3988	2.57	0.2	25	110	<0.5	<2	2.09	<0.5	43	75	330	5.44	30	0.04	<10	1.49	638	<1	0.09	57	1200	4	5	3	0.75	10	<10	176	<5	74	--	--
4275	0.58	0.2	<5	340	<0.5	10	0.57	2.5	51	115	4340	15.30	<10	0.15	20	0.28	9958	44	0.01	338	1280	6	10	27	0.02	<10	<10	910	<5	256	--	--
4276	2.56	0.2	10	450	<0.5	<2	0.18	<0.5	19	58	94	5.57	<10	0.99	10	1.33	912	1	0.78	25	230	4	<5	14	0.30	<10	<10	203	<5	124	--	--
4277	3.34	0.2	<5	20	<0.5	4	1.35	0.5	3	231	5	2.73	<10	<0.01	<10	1.02	302	7	0.21	28	730	4	<5	2	<0.01	<10	<10	224	<5	16	--	--
4279	2.31	0.2	10	130	<0.5	<2	2.29	<0.5	16	11	94	5.02	<10	0.24	<10	1.25	272	1	0.03	12	460	2	<5	12	0.27	<10	<10	121	<5	114	--	--
4280	2.32	0.2	5	20	<0.5	<2	2.49	<0.5	21	99	174	4.22	<10	0.29	<10	0.75	297	4	0.27	17	1470	2	<5	73	0.22	<10	<10	99	<5	28	--	--
4281	1.30	0.2	<5	10	<0.5	<2	1.47	<0.5	18	66	102	2.80	<10	0.07	10	0.40	247	<1	0.25	22	1120	<2	<5	65	0.26	<10	<10	71	<5	14	--	--
4282	1.96	0.2	<5	10	<0.5	<2	1.94	<0.5	19	73	185	2.40	<10	0.05	10	0.39	290	7	0.21	15	1230	<2	<5	66	0.22	<10	<10	67	<5	26	--	--
4283	1.35	0.2	<5	20	<0.5	<2	1.82	0.5	17	76	231	5.13	<10	0.12	10	0.33	334	1	0.29	20	2650	<2	5	25	0.38	<10	<10	112	<5	28	--	--
4284	5.32	0.2	5	<10	<0.5	<2	6.71	<0.5	26	97	217	6.33	10	0.02	<10	3.34	821	8	0.02	11	1270	2	<5	<1	0.27	<10	<10	140	<5	22	--	--
4285	2.05	0.2	10	10	<0.5	2	4.66	0.5	12	77	347	9.24	<10	0.01	<10	0.25	739	<1	0.02	11	800	2	5	<1	0.17	<10	<10	81	15	28	--	--
4286	5.34	0.2	20	60	<0.5	<2	4.24	<0.5	31	46	902	4.21	<10	1.27	<10	2.22	414	<1	3.75	14	1640	4	5	182	0.29	<10	<10	71	5	34	--	--
4287	7.68	0.2	10	<10	<0.5	<2	12.75	<0.5	12	79	74	3.34	10	0.03	<10	2.30	555	<1	0.02	8	300	6	<5	<1	0.28	<10	<10	142	<5	62	--	--
4288	2.68	0.2	9999	50	<0.5	<2	1.02	<0.5	44	38	128	11.27	<10	0.27	10	1.22	722	<1	0.01	10	1410	52	20	5	0.11	<10	<10	73	<5	80	--	--
4289	3.31	0.2	430	20	<0.5	<2	4.94	<0.5	17	95	227	6.73	<10	0.09	<10	0.27	570	<1	0.05	12	3070	8	<5	192	0.24	<10	<10	91	5	90	--	--
4290	1.02	0.2	110	10	<0.5	2	14.24	2.5	12	44	126	2.67	<10	0.12	<10	0.12	404	1	0.08	5	9999	222	5	3	0.18	<10	<10	51	<5	818	--	--
4291	1.97	0.2	10	<10	0.5	2	4.23	<0.5	18	127	159	4.31	<10	0.11	<10	0.27	411	<1	0.01	12	1620	4	5	150	0.22	<10	<10	57	<5	42	--	--
4292	2.21	0.2	20	10	0.5	2	10.30	1.0	17	69	153	4.25	<10	0.02	<10	0.24	622	1	0.02	14	9999	8	5	173	0.22	<10	<10	62	5	194	--	--
4293	4.77	1.4	10	<10	<0.5	26	4.77	1.0	40	56	866	13.52	<10	0.61	<10	6.95	580	<1	0.01	14	790	10	5	41	0.17	<10	<10	84	<5	82	--	--
4294	3.59	0.2	<5	<10	<0.5	2	5.07	0.5	11	87	74	3.30	10	<0.01	<10	0.30	272	<1	2.01	8	930	2	<5	13	0.24	<10	<10	74	<5	36	--	--
G.A. SILT 827-1	2.89	0.2	5	150	<0.5	<2	1.15	0.5	18	129	45	4.66	<10	0.11	10	1.21	811	<1	0.05	26	730	8	<5	40	0.36	<10	<10	171	<5	88	--	--
S.A. #14	2.43	0.2	20	300	<0.5	2	0.78	<0.5	25	140	36	5.69	10	0.15	10	1.40	1302	<1	0.02	25	790	14	<5	29	0.25	<10	<10	160	<5	120	--	--
S.A. #15	3.48	0.2	15	250	<0.5	<2	0.59	0.5	24	109	79	5.08	<10	0.11	10	1.13	1191	<1	0.02	25	510	4	<5	28	0.22	<10	<10	150	<5	126	--	--
S.A. #13	2.52	0.2	15	200	<0.5	2	1.28	0.5	13	108	55	4.49	<10	0.14	20	1.28	979	<1	0.25	27	910	5	<5	42	0.27	<10	<10	136	<5	111	--	--

RECEIVED NOV 24 1986

Certified by ....

VO3 rev 11/85

FOSSBACHER LABORATORY LTD.

2225 S. SPRINGER AVENUE
BURNABY, B.C. V5B 3N1
TEL : (604) 299 - 6910

CERTIFICATE OF ANALYSIS

T : MPH CONSULTING LTD.
301-409 GRANVILLE STREET
VANCOUVER B.C.
F OJECT: V 240
TYPE OF ANALYSIS: GEOCHEMICAL

CERTIFICATE#: 86620
INVOICE#: 7138
DATE ENTERED: 86-11-06
FILE NAME: MPH86620
PAGE # : 1

F E F_X	SAMPLE NAME	PPB Au
	3927	5
	3928	5
A	3979	5
A	3980	5
	3981	20
	3982	5
A	3983	5
	3984	5
	3985	5
A	3986	5
	3987	5
	3988	5
A	4275	5
A	4276	5
	4277	5
	4279	5
A	4280	5
	4281	5
	4282	5
A	4283	5
	4284	5
	4285	5
	4286	5
A	4287	5
	4288	2760
	4289	5
A	4290	5
	4291	5
	4292	5
A	4293	780
A	4294	5
	GA SILT 027-1	5
	GA #14	5
L	GA #15	20
	DA #3	5

RECEIVED NOV 6 1986

CERTIFIED BY : T. Fossbach

ROSSBACHER LABORATORY LTD.
2225 S. SPRINGER AVENUE
BURNABY, B.C. V5B 3N1
TEL : (604) 299 - 6910

CERTIFICATE OF ANALYSIS

TO : MPH CONSULTING LTD.
301-409 GRANVILLE STREET
VANCOUVER B.C.
PROJECT: V240
TYPE OF ANALYSIS: ASSAY

CERTIFICATE#: 86620.B
INVOICE#: 7261
DATE ENTERED: 86-12-04
FILE NAME: MPH86620.B
PAGE # : 1

P..E FIX	SAMPLE NAME	oz/t Au
	4288	0.094
A	4293	0.026

RECEIVED DEC 8 1986

CERTIFIED BY : J. Rossbach

Telex: 043-52597

CERTIFICATE OF ANALYSIS

TO : ROSSBACHER LABORATORY LIMITED

2225 SOUTH SPRINGER AVENUE
BURNABY, B.C.
V5B 3N1

CERT. # : A8620592-001-A
INVOICE # : I8620592
DATE : 20-NOV-86
P.O. # : NONE
V240

Nitric-Aqua-Regia digestion of 0.5 gm of material followed by ICP analysis. Since this digestion is incomplete for many minerals, values reported for Al, Sb, Ba, Be, Ca, Cr, Ga, La, Mg, K, Na, Sr, Tl, Ti, W and V can only be considered as semi-quantitative.

COMMENTS :
ATTN: P. ROSSBACHER

Sample description	Al %	Ag ppm	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm		
3927 west of Sulphide Cr.	1.81	0.2	5	20	<0.5	<2	1.29	<0.5	24	89	169	4.71	<10	0.13	10	1.03	703	<1	0.07	17	1310	8	<5	5	0.38	<10	<10	127	<5	56	--	--
3928	1.93	0.2	<5	10	<0.5	<2	1.40	<0.5	16	113	102	3.88	10	0.07	10	0.95	748	<1	0.15	17	1480	2	<5	37	0.37	<10	<10	144	<5	44	--	--
3979 NE corner of Sulphide Creek	1.66	0.2	5	300	<0.5	<2	0.12	<0.5	10	91	46	3.47	<10	0.21	<10	0.95	634	<1	0.03	10	320	4	<5	7	0.03	<10	<10	59	<5	86	--	--
3980	3.72	0.2	<5	240	<0.5	<2	2.32	0.5	28	52	255	5.20	10	0.41	<10	1.12	1220	<1	0.41	18	3000	4	<5	109	0.32	<10	<10	206	<5	74	--	--
3981	2.85	0.2	5	390	<0.5	<2	2.38	1.0	20	46	668	10.13	20	0.08	20	1.20	1350	<1	0.06	2	3150	4	<5	42	0.25	<10	<10	81	<5	162	--	--
3982	2.30	0.6	<5	60	<0.5	<2	2.11	1.0	63	78	2515	6.06	20	0.04	<10	1.26	540	<1	0.07	44	1080	2	<5	1	0.45	<10	<10	175	25	114	--	--
3983	2.59	0.2	<5	110	<0.5	<2	0.87	0.5	16	33	74	5.90	<10	0.17	10	1.20	761	1	0.03	14	610	8	5	19	0.25	<10	<10	63	<5	96	--	--
3984	1.69	0.2	5	70	<0.5	<2	2.28	<0.5	22	46	234	6.66	20	0.08	10	0.76	549	<1	0.10	11	2160	2	<5	24	0.43	<10	<10	244	<5	66	--	--
3985	1.58	0.2	10	90	<0.5	<2	0.23	1.0	15	20	58	2.89	<10	0.10	10	0.92	595	3	0.04	11	530	4	<5	8	0.17	<10	<10	47	<5	66	--	--
3986	0.02	0.2	<5	10	<0.5	4	0.13	0.5	<1	274	<1	9.19	<10	<0.01	<10	0.02	350	3	<0.01	25	490	2	<5	6	<0.01	<10	<10	128	<5	36	--	--
3987 middle E. side map	2.61	0.2	<5	130	<0.5	<2	0.77	<0.5	22	41	145	5.68	<10	0.34	<10	1.54	2038	1	0.04	15	860	8	<5	13	0.37	<10	<10	139	<5	104	--	--
3988 " " "	2.57	0.2	25	110	<0.5	<2	2.09	<0.5	43	75	330	5.44	30	0.04	<10	1.48	638	<1	0.09	57	1200	4	5	3	0.75	<10	<10	176	<5	74	--	--
4275 East side map Sulphide Creek	0.68	0.2	<5	340	<0.5	10	0.57	2.5	61	115	434	>15.00	<10	0.05	20	0.28	8958	44	0.01	338	1280	6	10	27	0.02	<10	<10	910	<5	256	--	--
4276 " "	2.56	0.2	10	450	<0.5	<2	0.18	<0.5	19	58	94	5.57	<10	0.89	10	1.38	912	1	0.04	25	330	4	<5	14	0.30	<10	<10	203	<5	124	--	--
4277 " "	0.04	0.2	<5	20	<0.5	4	0.05	0.5	3	211	8	8.79	<10	<0.01	<10	0.02	202	7	<0.01	28	720	4	<5	2	<0.01	<10	<10	224	<5	16	--	--
4279 NE corner Sulphide Cr.	2.51	0.2	10	130	<0.5	<2	0.29	<0.5	16	51	84	5.51	<10	0.24	<10	1.35	672	1	0.03	12	400	2	<5	12	0.27	<10	<10	131	<5	114	--	--
4280	2.81	0.2	<5	20	<0.5	<2	2.49	<0.5	21	99	174	4.33	<10	0.09	<10	0.75	397	4	0.27	17	1470	2	<5	73	0.21	<10	<10	98	<5	28	--	--
4281 west of Sulphide Cr.	1.80	0.2	<5	10	<0.5	<2	1.47	<0.5	18	66	102	3.80	<10	0.07	10	0.40	247	<1	0.25	22	1120	<2	<5	65	0.26	<10	<10	71	<5	14	--	--
4282	1.96	0.2	<5	10	<0.5	<2	1.94	<0.5	19	73	185	3.40	<10	0.05	10	0.39	290	7	0.21	15	1330	<2	<5	66	0.22	<10	<10	67	<5	26	--	--
4283	1.35	0.2	<5	20	<0.5	<2	1.82	0.5	17	76	231	5.13	<10	0.12	10	0.59	364	1	0.09	20	2650	<2	5	25	0.38	<10	<10	112	<5	28	--	--
4284 Sulphide Cr.	5.03	0.2	5	<10	<0.5	<2	6.71	<0.5	26	87	217	6.33	10	0.02	<10	0.64	621	8	0.03	11	1370	2	<5	<1	0.27	<10	<10	140	<5	28	--	--
4285	2.05	0.2	10	10	<0.5	2	4.66	0.5	12	77	342	9.24	<10	0.01	<10	0.35	789	<1	0.02	11	830	2	5	<1	0.17	<10	<10	81	15	28	--	--
4286 Road Sound Sulphide Cr.	5.34	0.2	20	60	<0.5	<2	4.24	<0.5	31	46	922	4.20	<10	0.09	<10	0.38	464	<1	0.75	14	1640	4	5	182	0.29	<10	<10	71	5	34	--	--
4287	7.68	0.2	10	<10	<0.5	<2	12.95	<0.5	12	79	74	3.34	10	0.01	<10	0.80	555	<1	0.02	8	830	6	<5	<1	0.28	<10	<10	142	<5	62	--	--
4288 French Cr.	2.68	0.2	>9999	80	<0.5	<2	1.02	<0.5	44	34	124	11.27	<10	0.37	10	1.28	723	<1	0.01	10	1410	52	20	5	0.11	<10	<10	78	<5	80	--	--
4289 Rd. at Creek	3.01	0.2	430	30	<0.5	<2	4.94	<0.5	17	95	227	4.78	<10	0.09	<10	0.37	570	<1	0.05	12	8070	8	<5	192	0.24	<10	<10	81	5	90	--	--
4290 "	1.81	0.2	110	10	<0.5	6	14.34	2.5	12	44	120	2.67	<10	0.08	<10	0.13	604	1	0.01	8	>9999	222	5	3	0.14	<10	<10	51	<5	818	--	--
4291	1.97	0.2	10	<10	<0.5	2	4.29	<0.5	18	127	198	4.34	<10	0.01	<10	0.27	411	<1	0.01	11	4600	4	5	150	0.23	<10	<10	57	<5	42	--	--
4292	2.31	0.2	20	10	<0.5	2	10.80	1.0	17	69	158	4.05	<10	0.03	<10	0.24	632	1	0.02	14	>9999	8	5	171	0.19	<10	<10	62	5	194	--	--
4293 East of French	4.77	1.4	10	<10	<0.5	26	4.77	1.0	40	56	866	13.52	<10	0.01	<10	0.95	582	<1	0.01	14	790	10	5	41	0.17	<10	<10	84	<5	82	--	--
4294	3.59	0.2	<5	<10	<0.5	2	5.07	0.5	11	87	74	3.30	10	<0.01	<10	0.20	273	<1	0.01	8	930	2	<5	13	0.24	<10	<10	74	<5	36	--	--
G.A. SILT 027-1	2.89	0.2	5	150	<0.5	<2	1.15	0.5	18	129	45	4.66	<10	0.11	10	1.21	811	<1	0.05	26	730	8	<5	40	0.36	<10	<10	171	<5	88	--	--
G.A. #14 East Side Sulphide Cr. area	3.43	0.2	20	300	<0.5	<2	0.78	<0.5	25	140	96	5.59	10	0.15	10	1.40	1332	<1	0.02	35	790	14	<5	29	0.35	<10	<10	160	<5	120	--	--
G.A. #15 " "	3.44	0.2	15	250	<0.5	<2	0.59	0.5	24	109	79	5.08	<10	0.11	10	1.13	1180	<1	0.02	35	510	4	<5	28	0.33	<10	<10	150	<5	126	--	--
D.A. #03	3.52	0.2	15	200	<0.5	<2	1.08	<0.5	19	108	55	4.49	<10	0.14	20	1.28	979	<1	0.05	27	810	6	<5	42	0.29	<10	<10	136	<5	116	--	--

Certified by ..B.C. Cook.....

V03 rev 11/8

ROSSBACHER LABORATORY LTD.

2225 S. SPRINGER AVENUE
BURNABY, B.C. V5B 3N1
TEL : (604) 299 - 6910

CERTIFICATE OF ANALYSIS

TO : MPH CONSULTING LTD.
301-409 GRANVILLE STREET
VANCOUVER B.C.
PROJECT: V 240-A
TYPE OF ANALYSIS: GEOCHEMICAL

CERTIFICATE#: 86640
INVOICE#: 7173
DATE ENTERED: 86-11-14
FILE NAME: MPH86640
PAGE # : 1

PREFIX	SAMPLE NAME	PPB Au
S	L 0E 0+00	5
S	0+25N	20
S	0+50N	5
S	0+75N	5
S	1+00N	5
S	1+25N	5
S	1+50N	5
S	1+75N	5
S	2+00N	5
S	2+25N	5
S	2+50N	5
S	2+75N	5
S	3+00N	5
S	3+25N	30
S	3+50N	5
S	3+75N	5
S	4+00N	5
S	4+25N	5
S	4+50N	5
S	4+75N	5
S	L 0E 5+00N	5
S	L 1E 0+00	5
S	0+25N	5
S	0+50N	5
S	0+75N	5
S	1+00N	30
S	1+25N	10
S	1+50N	30
S	1+75N	5
S	2+00N	5
S	2+25N	5
S	2+50N	5
S	2+75N	5
S	3+00N	5
S	3+25N	5
S	3+50N	5
S	3+75N	5
S	L 1E 4+00N	50
S	L 2E 0+00	5
S	0+25N	5

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CERTIFICATE OF ANALYSIS

TO : MPH CONSULTING LTD.
301-409 GRANVILLE STREET
VANCOUVER B.C.

PROJECT: V 240-A
TYPE OF ANALYSIS: GEOCHEMICAL

CERTIFICATE#: 86640
INVOICE#: 7173
DATE ENTERED: 86-11-14
FILE NAME: MPH86640
PAGE # : 2

PREFIX	SAMPLE NAME	PPB Au
S	L 2E 0+50N	5
S	0+75N	5
S	1+00N	5
S	1+25N	5
S	1+50N	5
S	1+75N	5
S	2+00N	5
S	2+25N	5
S	2+50N	5
S	2+75N	5
S	3+00N	10
S	3+25N	5
S	3+50N	5
S	3+75N	5
S	L 2E 4+00N	5
S	L 2E 0+25S	5
S	0+50S	5
S	0+75S	5
S	L 2E 1+00S	5
S	L 3E 0+00	5
S	0+25N	5
S	0+50N	5
S	0+75N	5
S	1+00N	5
S	1+25N	5
S	1+50N	5
S	1+75N	5
S	2+00N	5
S	2+25N	5
S	2+50N	5
S	2+75N	5
S	3+00N	5
S	3+25N	5
S	3+50N	5
S	L 3E 0+25S	5
S	0+50S	5
S	0+75S	5
S	1+00S	5
S	1+25S	5
S	L 3E 1+50S	5

CERTIFIED BY : F. Rossbach

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BURNABY, B.C. V5B 3N1
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CERTIFICATE OF ANALYSIS

TO : MPH CONSULTING LTD.
301-409 GRANVILLE STREET
VANCOUVER B.C.
PROJECT: V 240-A
TYPE OF ANALYSIS: GEOCHEMICAL

CERTIFICATE#: 86640
INVOICE#: 7173
DATE ENTERED: 86-11-14
FILE NAME: MPH86640
PAGE # : 3

RE FIX	SAMPLE NAME	PPB Au
S	L 4E 0+00	5
S	0+25N	5
S	0+50N	5
S	0+75N	5
S	1+00N	5
S	1+25N	5
S	1+50N	5
S	1+75N	5
S	2+00N	5
S	2+25N	5
S	2+50N	5
S	2+75N	5
S	L 4E 3+00N	5
S	L 4E 0+25S	5
S	0+75S	5
S	1+25S	5
S	1+50S	5
S	1+75S	5
S	L 4E 2+00S	30
S	L 5E 0+00	5
S	0+25N	5
S	0+50N	5
S	0+75N	5
S	1+00N	5
S	1+25N	5
S	1+50N	5
S	1+75N	5
S	2+00N	5
S	L 5E 0+25S	5
S	0+50S	5
S	0+75S	5
S	1+00S	5
S	1+25S	5
S	1+50S	40
S	1+75S	5
S	2+00S	5
S	2+25S	5
S	L 5E 2+50S	5
S	L 6E 0+00	5
S	L 6E 0+25N	5

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CERTIFICATE OF ANALYSIS

TO : MPH CONSULTING LTD.
301-409 GRANVILLE STREET
VANCOUVER B.C.

PROJECT: V 240-A
TYPE OF ANALYSIS: GEOCHEMICAL

CERTIFICATE#: 86640
INVOICE#: 7173
DATE ENTERED: 86-11-14
FILE NAME: MPH86640
PAGE # : 4

PRE FIX	SAMPLE NAME	PPB Au
S	L 6E 0+50N	5
S	0+75N	5
S	1+00N	5
S	1+25N	5
S	1+50N	490
S	1+75N	5
S	2+00N	5
S	L 6E 0+25S	5
S	0+50S	5
S	1+00S	5
S	1+25S	5
S	1+50S	40
S	1+75S	5
S	2+00S	5
S	2+25S	5
S	2+50S	5
S	2+75S	5
S	L 6E 3+00S	5
S	L 7E 0+00	5
S	0+50N	5
S	0+75N	5
S	1+00N	5
S	1+25N	5
S	1+50N	5
S	1+75N	5
S	2+00N	5
S	L 7E 0+25S	5
S	0+50S	5
S	0+75S	5
S	1+00S	5
S	1+25S	5
S	1+50S	5
S	1+75S	5
S	2+00S	5
S	2+25S	5
S	2+50S	5
S	2+75S	5
S	3+00S	5
S	L 7E 3+50S	5
S	L 8E 0+00	5

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CERTIFICATE OF ANALYSIS

TO : MPH CONSULTING LTD.
301-409 GRANVILLE STREET
VANCOUVER B.C.
PROJECT: V 240-A
TYPE OF ANALYSIS: GEOCHEMICAL

CERTIFICATE#: 86640
INVOICE#: 7173
DATE ENTERED: 86-11-14
FILE NAME: MPH86640
PAGE # : 5

RE FIX	SAMPLE NAME	PPB Au
S	L 8E 0+25N	5
S	0+50N	5
S	0+75N	5
S	1+00N	5
S	1+25N	5
S	1+50N	5
S	1+75N	5
S	2+00N	5
S	L 8E 0+25S	5
S	0+50S	5
S	0+75S	5
S	1+00S	20
S	1+25S	5
S	1+50S	60
S	1+75S	40
S	2+00S	20
S	2+25S	5
S	2+50S	5
S	2+75S	5
S	3+00S	20
S	3+25S	5
S	3+50S	5
S	3+75S	5
S	L 8E 4+00S	5
S	L 9E 0+00	5
S	0+25S	5
S	0+50S	5
S	0+75S	5
S	1+00S	5
S	1+25S	5
S	1+50S	10
S	1+75S	5
S	2+00S	5
S	2+25S	5
S	2+50S	5
S	2+75S	5
S	3+00S	5
S	3+25S	5
S	3+50S	350
S	L 9E 3+75S	30

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TEL : (604) 299 - 6910

CERTIFICATE OF ANALYSIS

TO : MPH CONSULTING LTD.
301-409 GRANVILLE STREET
VANCOUVER B.C.

PROJECT: V 240-A
TYPE OF ANALYSIS: GEOCHEMICAL

CERTIFICATE#: 86640
INVOICE#: 7173
DATE ENTERED: 86-11-14
FILE NAME: MPH86640
PAGE # : 6

RE FIX	SAMPLE NAME	PPB Au
S	L 9E 4+00S	5
S	L 10E 0+00	5
S	0+25S	5
S	0+50S	5
S	0+75S	5
S	1+00S	110
S	1+25S	450
S	1+50S	10
S	1+75S	5
S	2+00S	5
S	2+25S	20
S	L 10E 2+50S	5
L	0-30 SILT #1	5
L	0-30 SILT #2	5
L	0-30 SILT #3	5
A	14004	80
A	14005	30
A	14006	5
A	14007	5
A	14008	5
A	14543	5
A	14544	5
A	14545	5
A	3930	5

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CERTIFICATE OF ANALYSIS

TO : ROSSBACHER LABORATORY LIMITED

2225 SOUTH SPRINGER AVENUE
BURNABY, B.C.
V5B 3N1

CERT. # : A8620985-001-A
INVOICE # : I8620985
DATE : 9-DEC-86
P.O. # : NONE
V240A PACK B

Semi quantitative multi element ICP analysis

Nitric-Aqua-Regia digestion of 0.5 gm of material followed by ICP analysis. Since this digestion is incomplete for many minerals, values reported for Al, Sb, Ba, Be, Ca, Cr, Ga, La, Mg, K, Na, Sr, Tl, Ti, W and V can only be considered as semi-quantitative.

COMMENTS :

Sample description	Al %	Ag ppm	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm		
00E 00+00N	2.85	0.2	20	60	<0.5	<2	0.46	<0.5	7	32	32	3.50	<10	0.06	10	0.40	276	<1	0.02	12	1670	8	<5	21	0.27	<10	<10	102	<5	54	--	--
00E 00+25N	2.83	0.2	10	60	<0.5	<2	0.39	<0.5	5	24	23	2.76	<10	0.05	10	0.34	299	<1	0.01	8	990	4	<5	22	0.23	<10	<10	78	<5	60	--	--
00E 00+50N	3.31	0.2	5	80	<0.5	<2	0.50	<0.5	9	27	48	2.96	<10	0.07	10	0.54	373	<1	0.02	14	430	2	<5	29	0.27	<10	<10	82	<5	50	--	--
00E 00+75N	5.25	0.4	<5	110	<0.5	<2	0.55	0.5	11	45	79	3.83	<10	0.09	10	0.68	379	<1	0.02	21	720	8	<5	29	0.36	<10	<10	115	<5	60	--	--
00E 01+00N	4.23	0.2	15	90	<0.5	<2	0.61	0.5	12	40	68	4.16	<10	0.08	10	0.67	1200	<1	0.02	18	890	16	<5	26	0.31	<10	<10	117	<5	76	--	--
00E 01+25N	4.54	0.2	20	70	<0.5	<2	0.61	<0.5	14	40	97	4.18	<10	0.07	10	0.80	815	<1	0.02	19	1060	12	<5	20	0.30	<10	<10	120	<5	70	--	--
00E 01+50N	4.02	1.0	10	50	<0.5	<2	0.42	0.5	8	36	48	3.77	<10	0.05	10	0.45	436	<1	0.01	12	870	10	<5	19	0.34	<10	<10	105	<5	80	--	--
00E 01+75N	3.33	0.2	<5	50	<0.5	<2	0.55	0.5	10	29	73	3.63	<10	0.04	10	0.55	1369	<1	0.01	14	890	12	<5	17	0.29	<10	<10	101	<5	62	--	--
00E 02+00N	4.91	0.2	10	60	<0.5	<2	0.44	<0.5	15	39	63	4.12	<10	0.06	10	0.71	603	<1	0.01	17	1060	8	<5	21	0.28	<10	<10	104	<5	98	--	--
00E 02+25N	6.34	0.2	15	60	<0.5	<2	0.39	<0.5	20	44	104	5.05	<10	0.06	10	0.79	681	<1	0.01	22	1170	10	<5	18	0.16	<10	<10	81	<5	80	--	--
00E 02+50N	3.06	0.2	10	50	<0.5	<2	0.34	<0.5	8	25	30	2.71	10	0.05	10	0.39	508	<1	0.01	12	680	10	<5	19	0.23	<10	<10	78	<5	82	--	--
00E 02+75N	3.47	0.2	5	40	<0.5	<2	0.30	<0.5	7	29	30	3.41	10	0.04	10	0.38	810	<1	0.01	10	1310	8	<5	15	0.23	<10	<10	97	<5	52	--	--
00E 03+00N	5.09	0.2	20	150	<0.5	<2	0.37	<0.5	16	45	70	4.48	10	0.08	10	0.99	523	<1	0.02	29	760	8	<5	25	0.27	<10	<10	121	<5	70	--	--
00E 03+25N	2.73	0.2	10	50	<0.5	<2	0.28	<0.5	6	14	15	3.04	<10	0.04	10	0.37	294	<1	0.01	7	390	4	<5	17	0.11	<10	<10	66	<5	48	--	--
00E 03+50N	3.45	0.2	15	60	<0.5	<2	0.30	<0.5	7	23	33	3.50	10	0.05	10	0.47	323	<1	0.01	10	640	8	<5	18	0.18	<10	<10	81	<5	64	--	--
00E 03+75N	2.37	0.2	10	40	<0.5	<2	0.25	<0.5	5	16	29	2.45	<10	0.05	<10	0.32	245	<1	0.01	7	510	10	<5	16	0.13	<10	<10	58	<5	54	--	--
00E 04+00N	3.99	0.2	15	90	<0.5	<2	0.42	<0.5	12	22	39	3.64	10	0.07	10	0.58	852	<1	0.01	12	600	10	<5	23	0.21	<10	<10	86	<5	86	--	--
00E 04+25N	4.83	0.2	35	70	<0.5	<2	0.21	<0.5	13	26	114	5.10	<10	0.09	10	0.67	410	2	0.01	15	990	6	<5	13	0.13	<10	<10	96	<5	76	--	--
00E 04+50N	3.64	0.2	20	80	<0.5	<2	0.50	<0.5	12	29	51	3.87	10	0.07	10	0.76	478	<1	0.02	15	590	6	<5	27	0.25	<10	<10	111	<5	74	--	--
00E 04+75N	3.63	0.2	30	140	1.0	<2	1.14	<0.5	54	20	64	2.65	<10	0.07	30	0.37	7582	6	0.02	17	1010	18	<5	44	0.10	<10	<10	58	<5	154	--	--
00E 05+00N	1.08	0.2	5	30	<0.5	<2	0.30	<0.5	2	12	9	1.58	<10	0.02	<10	0.15	222	<1	0.01	4	220	4	<5	33	0.16	<10	<10	62	<5	24	--	--
01E 00+00N	1.90	0.2	5	40	<0.5	<2	0.33	<0.5	4	21	12	2.78	10	0.02	10	0.31	188	<1	0.02	7	290	4	<5	19	0.26	<10	<10	117	<5	38	--	--
01E 00+25N	2.66	0.2	5	40	<0.5	<2	0.36	<0.5	6	19	15	2.99	10	0.04	10	0.31	215	<1	0.01	6	430	4	<5	24	0.21	<10	<10	90	<5	40	--	--
01E 00+50N	3.72	0.2	15	60	<0.5	<2	0.32	<0.5	10	28	44	3.42	10	0.05	10	0.54	285	<1	0.01	15	660	4	<5	20	0.21	<10	<10	94	<5	50	--	--
01E 00+75N	3.24	0.2	10	100	<0.5	<2	0.34	<0.5	10	26	47	2.98	10	0.05	10	0.55	404	<1	0.01	15	460	8	<5	21	0.21	<10	<10	87	<5	50	--	--
01E 01+00N	3.66	0.2	5	60	<0.5	<2	0.34	<0.5	7	30	35	3.48	10	0.04	10	0.46	380	<1	0.01	12	930	6	<5	22	0.24	<10	<10	103	<5	62	--	--
01E 01+25N	5.52	0.2	30	110	<0.5	<2	0.35	<0.5	19	51	88	5.28	10	0.08	10	0.99	509	<1	0.01	25	670	10	<5	17	0.28	<10	<10	149	<5	30	--	--
01E 01+50N	3.95	0.2	20	60	<0.5	<2	0.24	<0.5	15	29	71	3.29	10	0.05	<10	0.70	389	1	0.01	18	790	10	<5	13	0.18	<10	<10	90	<5	50	--	--
01E 01+75N	4.38	0.2	25	70	<0.5	<2	0.74	<0.5	20	38	68	4.32	20	0.08	10	0.84	681	<1	0.02	26	1170	6	<5	18	0.29	<10	<10	135	<5	78	--	--
01E 02+00N	5.58	0.2	30	90	<0.5	2	0.36	<0.5	16	36	70	4.63	10	0.07	10	0.83	423	<1	0.01	22	640	14	<5	21	0.18	<10	<10	109	<5	88	--	--
01E 02+25N	2.74	0.2	5	80	<0.5	<2	0.47	<0.5	10	24	31	2.99	10	0.06	10	0.63	1360	<1	0.01	13	540	24	<5	26	0.23	<10	<10	82	<5	74	--	--
01E 02+50N	4.03	0.2	10	50	<0.5	<2	0.23	<0.5	10	20	47	3.59	10	0.04	10	0.44	385	<1	0.01	10	620	12	<5	15	0.22	<10	<10	92	<5	76	--	--
01E 02+75N	3.85	0.2	15	50	<0.5	<2	0.40	<0.5	13	24	47	3.40	10	0.04	10	0.48	625	<1	0.01	13	670	10	<5	23	0.22	<10	<10	82	<5	84	--	--
01E 03+00N	4.23	0.2	10	60	<0.5	<2	0.34	<0.5	11	31	37	4.12	10	0.05	10	0.60	1006	<1	0.01	14	1100	14	<5	22	0.26	<10	<10	105	<5	80	--	--
01E 03+25N	3.43	0.2	5	70	<0.5	<2	0.42	<0.5	11	29	36	3.81	10	0.06	10	0.61	479	<1	0.01	15	460	10	<5	25	0.27	<10	<10	107	<5	64	--	--
01E 03+50N	3.46	0.2	10	70	<0.5	<2	0.43	<0.5	11	30	35	3.79	10	0.06	10	0.61	495	<1	0.01	15	480	10	<5	26	0.27	<10	<10	106	<5	64	--	--
01E 03+75N	1.33	0.2	5	40	<0.5	<2	1.58	0.5	7	9	23	1.65	<10	0.06	20	0.24	837	<1	0.02	5	500	12	<5	32	0.13	<10	<10	53	<5	78	--	--
01E 04+00N	1.44	0.2	<5	40	<0.5	<2	0.25	<0.5	4	11	9	2.15	10	0.03	<10	0.28	487	<1	0.01	5	190	8	<5	13	0.21	<10	<10	80	<5	36	--	--
02E 00+00N	2.66	0.2	5	160	<0.5	2	0.37	<0.5	16	34	45	3.80	10	0.10	20	0.91	724	<1	0.03	19	660	6	<5	34	0.25	<10	<10	104	<5	62	--	--
02E 00+25N	1.91	0.2	10	50	<0.5	<2	0.38	<0.5	5	22	8	3.37	10	0.04	10	0.27	208	<1	0.01	8	340	10	<5	19	0.19	<10	<10	105	<5	48	--	--

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Certified by ... Herb Bachler

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TELEX: 043-52597

CERTIFICATE OF ANALYSIS

TO : ROSSBACHER LABORATORY LIMITED

2225 SOUTH SPRINGER AVENUE
BURNABY, B.C.
V5B 3N1

CERT. # : A8620985-002-A
INVOICE # : I8620985
DATE : 9-DEC-86
P.O. # : NONE
V240A RACK B

Semi quantitative multi element ICP analysis

Nitric-Aqua-Regia digestion of 0.5 gm of material followed by ICP analysis. Since this digestion is incomplete for many minerals, values reported for Al, Sb, Ba, Be, Ca, Cr, Ga, La, Mg, K, Na, Sr, Tl, Ti, W and V can only be considered as semi-quantitative.

COMMENTS :

Sample description	Al %	Ag ppm	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm		
02E 00+50N	3.15	0.2	10	50	<0.5	<2	0.36	<0.5	7	27	35	3.80	10	0.04	<10	0.47	238	<1	0.02	13	310	4	<5	21	0.25	<10	<10	118	<5	46	--	--
02E 00+75N	2.70	0.2	15	50	<0.5	<2	0.33	<0.5	7	24	44	3.32	<10	0.04	<10	0.46	383	<1	0.02	9	640	6	<5	15	0.20	<10	<10	93	<5	64	--	--
02E 01+00N	2.62	0.2	10	30	<0.5	<2	0.24	<0.5	4	18	23	2.95	<10	0.03	<10	0.31	296	<1	0.02	6	370	8	<5	11	0.20	<10	<10	80	<5	62	--	--
02E 01+25N	2.46	0.2	10	30	<0.5	<2	0.19	<0.5	5	14	17	2.85	<10	0.03	<10	0.45	291	<1	0.02	6	290	6	<5	10	0.20	<10	<10	83	<5	48	--	--
02E 01+50N	4.60	0.2	30	60	<0.5	<2	0.24	<0.5	10	29	46	4.51	<10	0.04	<10	0.59	312	<1	0.02	12	590	6	<5	15	0.18	<10	<10	111	<5	70	--	--
02E 01+75N	3.67	0.2	25	50	<0.5	<2	0.25	<0.5	8	25	41	3.42	<10	0.03	<10	0.41	440	<1	0.02	12	640	8	<5	15	0.19	<10	<10	87	<5	64	--	--
02E 02+00N	3.99	0.2	15	60	<0.5	<2	0.30	<0.5	11	31	38	3.29	<10	0.04	<10	0.64	539	<1	0.02	17	670	2	<5	17	0.20	<10	<10	86	<5	86	--	--
02E 02+25N	3.98	0.2	70	90	<0.5	<2	0.30	<0.5	16	33	93	4.11	<10	0.04	<10	0.53	957	<1	0.02	21	700	4	<5	15	0.22	<10	<10	98	<5	68	--	--
02E 02+50N	1.37	0.2	10	20	<0.5	<2	0.20	<0.5	3	14	9	1.89	<10	0.01	<10	0.20	305	<1	0.02	5	180	2	<5	10	0.16	<10	<10	67	<5	22	--	--
02E 02+75N	1.37	0.2	35	60	<0.5	<2	0.38	<0.5	8	20	37	2.63	<10	0.03	<10	0.26	468	<1	0.02	11	1000	10	<5	11	0.12	<10	<10	63	<5	92	--	--
02E 03+00N	2.75	0.2	50	50	<0.5	<2	0.46	<0.5	13	23	54	3.88	10	0.04	<10	0.35	682	<1	0.02	12	640	8	<5	18	0.20	<10	<10	96	<5	62	--	--
02E 03+25N	3.89	0.2	25	70	<0.5	<2	0.33	<0.5	13	27	82	4.89	<10	0.04	<10	0.79	511	1	0.02	13	710	4	<5	19	0.19	<10	<10	112	<5	88	--	--
02E 03+50N	3.62	0.2	20	70	<0.5	<2	0.35	<0.5	15	17	40	4.33	<10	0.05	<10	1.00	639	<1	0.02	11	450	8	<5	23	0.19	<10	<10	103	<5	62	--	--
02E 03+75N	3.05	0.2	5	70	<0.5	<2	0.34	<0.5	10	26	34	3.50	<10	0.03	<10	0.63	438	<1	0.02	14	450	8	<5	20	0.17	<10	<10	88	<5	66	--	--
02E 04+00N	3.41	0.2	5	60	<0.5	<2	0.26	<0.5	11	23	27	3.45	<10	0.03	<10	0.55	454	<1	0.02	11	1440	4	<5	21	0.13	<10	<10	82	<5	76	--	--
02E 00+25S	3.20	0.2	10	70	<0.5	<2	0.40	<0.5	9	31	66	3.22	10	0.03	<10	0.47	228	<1	0.02	14	370	4	<5	14	0.29	<10	<10	104	<5	46	--	--
02E 00+50S	3.43	0.2	10	80	<0.5	<2	0.43	<0.5	12	32	73	3.04	10	0.04	10	0.61	329	<1	0.02	18	810	6	<5	12	0.26	<10	<10	91	<5	40	--	--
02E 00+75S	2.96	0.2	10	120	<0.5	<2	0.43	<0.5	10	29	54	3.31	<10	0.03	<10	0.48	404	<1	0.02	15	680	4	<5	15	0.24	<10	<10	99	<5	48	--	--
02E 01+00S	3.41	0.2	5	100	<0.5	<2	0.33	<0.5	7	37	51	3.80	<10	0.03	<10	0.36	179	<1	0.02	13	750	2	<5	12	0.29	<10	<10	117	<5	36	--	--
03E 00+00	2.86	0.2	15	60	<0.5	<2	0.34	<0.5	9	25	36	3.24	<10	0.03	<10	0.47	351	<1	0.02	12	510	6	<5	16	0.20	<10	<10	94	<5	50	--	--
03E 00+25N	4.01	0.2	5	70	<0.5	<2	0.42	<0.5	9	39	50	4.14	10	0.03	<10	0.47	374	<1	0.02	15	520	2	<5	20	0.34	<10	<10	127	<5	58	--	--
03E 00+50N	2.83	0.2	10	70	<0.5	<2	0.31	<0.5	10	25	52	3.45	<10	0.03	<10	0.46	412	<1	0.02	13	690	8	<5	12	0.21	<10	<10	101	<5	52	--	--
03E 00+75N	3.34	0.2	15	40	<0.5	<2	0.25	<0.5	10	29	59	3.74	<10	0.03	<10	0.56	310	<1	0.02	13	560	<2	<5	12	0.23	<10	<10	99	<5	52	--	--
03E 01+00N	3.00	0.2	5	30	<0.5	<2	0.28	<0.5	8	24	51	3.26	<10	0.03	<10	0.46	404	<1	0.02	10	660	6	<5	11	0.22	<10	<10	89	<5	56	--	--
03E 01+25N	4.40	0.2	5	40	<0.5	<2	0.25	<0.5	11	32	68	4.35	<10	0.03	<10	0.54	346	<1	0.02	15	650	<2	<5	12	0.24	<10	<10	111	<5	72	--	--
03E 01+50N	3.94	0.2	20	50	<0.5	<2	0.27	<0.5	9	27	41	4.57	<10	0.03	<10	0.39	1174	<1	0.02	11	1290	6	<5	12	0.15	<10	<10	101	<5	88	--	--
03E 01+75N	1.32	0.2	15	30	<0.5	<2	0.25	<0.5	2	12	6	2.55	<10	0.01	<10	0.16	344	<1	0.01	4	540	8	<5	14	0.13	<10	<10	81	<5	30	--	--
03E 02+00N	5.89	0.2	20	50	<0.5	<2	0.17	<0.5	8	36	64	4.76	<10	0.02	<10	0.44	350	<1	0.02	10	1170	2	<5	10	0.15	<10	<10	109	<5	68	--	--
03E 02+25N	4.88	0.2	<5	40	<0.5	<2	0.18	<0.5	6	32	54	5.36	<10	0.03	<10	0.29	403	<1	0.01	7	1860	<2	<5	9	0.17	<10	<10	108	<5	56	--	--
03E 02+50N	3.81	0.2	15	40	<0.5	<2	0.22	<0.5	8	30	33	4.75	<10	0.03	<10	0.44	452	<1	0.02	11	1640	10	<5	14	0.16	<10	<10	113	<5	50	--	--
03E 02+75N	5.19	0.2	25	40	<0.5	<2	0.26	<0.5	10	39	55	5.93	<10	0.04	<10	0.65	416	<1	0.02	14	2170	6	<5	15	0.20	<10	<10	131	<5	62	--	--
03E 03+00N	3.70	0.2	20	50	<0.5	<2	0.24	<0.5	8	29	40	4.43	<10	0.03	<10	0.48	607	<1	0.02	12	1140	6	<5	15	0.17	<10	<10	104	<5	56	--	--
03E 03+25N	3.36	0.2	20	50	<0.5	<2	0.21	<0.5	9	25	28	3.67	<10	0.02	<10	0.48	1832	<1	0.02	11	880	12	<5	14	0.16	<10	<10	90	<5	58	--	--
03E 03+50N	1.60	0.2	5	30	<0.5	<2	0.19	<0.5	3	14	10	2.26	<10	0.02	<10	0.25	202	<1	0.01	6	340	12	<5	13	0.11	<10	<10	68	<5	40	--	--
03E 00+25S	2.77	0.2	20	70	<0.5	<2	0.49	<0.5	10	27	46	3.19	<10	0.04	<10	0.66	729	<1	0.02	14	360	14	<5	17	0.20	<10	<10	91	<5	68	--	--
03E 00+50S	2.69	0.2	20	50	<0.5	<2	0.26	<0.5	5	27	28	4.66	10	0.02	<10	0.47	212	<1	0.02	9	440	6	<5	13	0.25	<10	<10	153	<5	60	--	--
03E 00+75S	2.31	0.2	10	100	<0.5	<2	0.73	<0.5	11	23	57	2.94	<10	0.05	<10	0.72	439	<1	0.04	12	490	4	<5	20	0.22	<10	<10	87	<5	38	--	--
03E 01+00S	3.33	0.2	20	90	<0.5	<2	0.36	<0.5	13	33	50	3.67	<10	0.04	<10	0.59	290	<1	0.02	22	490	4	<5	12	0.20	<10	<10	104	<5	60	--	--
03E 01+25S	3.47	0.2	15	280	<0.5	<2	0.62	<0.5	15	38	88	3.40	<10	0.05	<10	0.85	467	<1	0.03	26	390	<2	<5	20	0.28	<10	<10	106	<5	58	--	--
03E 01+50S	3.37	0.2	15	140	0.5	<2	0.82	<0.5	25	26	34	3.53	10	0.04	10	0.37	3463	<1	0.02	18	870	16	<5	22	0.17	<10	<10	86	<5	160	--	--

Certified by ... [signature]

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RL CRAIN INC

CHEMEX LABS LTD.

212 BROOKSBANK AVE
NORTH VANCOUVER, B.C.
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• ANALYTICAL CHEMISTS • GEOCHEMISTS • REGISTERED ASSAYERS

CERTIFICATE OF ANALYSIS

TO : ROSSBACHER LABORATORY LIMITED

2225 SOUTH SPRINGER AVENUE
BURNABY, B.C.
V5B 3N1

CERT. # : A8620985-003-A
INVOICE # : I8620985
DATE : 9-DEC-86
P.O. # : NONE
V240A RACK B

Semi quantitative multi element ICP analysis

Nitric-Aqua-Regia digestion of 0.5 gm of material followed by ICP analysis. Since this digestion is incomplete for many minerals, values reported for Al, Sb, Ba, Be, Ca, Cr, Ga, La, Mg, K, Na, Sr, Tl, Ti, W and V can only be considered as semi-quantitative.

COMMENTS :

Sample description	Al %	Ag ppm	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm		
04E 00+00N	2.97	0.2	15	130	<0.5	<2	0.64	<0.5	13	31	68	3.39	<10	0.06	<10	0.69	841	<1	0.03	18	1080	12	<5	21	0.20	<10	<10	97	<5	76	--	--
04E 00+25N	2.04	0.2	15	50	<0.5	<2	0.23	<0.5	4	19	22	3.03	<10	0.02	<10	0.27	237	<1	0.01	7	460	6	<5	12	0.18	<10	<10	96	<5	44	--	--
04E 00+50N	2.74	0.2	20	50	<0.5	<2	0.28	<0.5	7	29	30	3.95	<10	0.03	<10	0.54	266	<1	0.02	10	640	4	<5	14	0.21	<10	<10	114	<5	56	--	--
04E 00+75N	1.90	0.2	20	60	<0.5	<2	0.47	<0.5	8	24	35	4.90	10	0.03	<10	0.25	564	<1	0.01	8	590	10	<5	12	0.28	<10	<10	119	<5	52	--	--
04E 01+00N	3.81	0.2	30	70	<0.5	<2	0.52	<0.5	23	34	74	5.55	10	0.02	<10	0.28	1740	<1	0.01	18	1120	8	<5	13	0.24	<10	<10	128	<5	82	--	--
04E 01+25N	2.86	0.2	20	30	<0.5	<2	0.36	<0.5	14	29	64	4.98	10	0.02	<10	0.39	305	2	0.02	12	830	10	<5	12	0.28	<10	<10	119	<5	78	--	--
04E 01+50N	4.91	0.2	25	40	<0.5	<2	0.29	<0.5	10	36	79	4.71	<10	0.04	<10	0.58	494	1	0.01	15	1410	6	<5	14	0.22	<10	<10	107	<5	62	--	--
04E 01+75N	5.31	0.2	20	50	<0.5	<2	0.31	<0.5	11	31	61	3.90	<10	0.04	10	0.58	511	<1	0.02	16	1390	4	<5	16	0.20	<10	<10	87	<5	58	--	--
04E 02+00N	3.34	0.2	20	70	<0.5	<2	0.33	<0.5	11	29	37	3.73	<10	0.04	<10	0.60	1432	<1	0.02	15	800	12	<5	18	0.19	<10	<10	98	<5	58	--	--
04E 02+25N	3.50	0.2	15	80	<0.5	<2	0.33	<0.5	9	32	26	4.14	10	0.03	<10	0.44	575	<1	0.02	14	550	10	<5	20	0.18	<10	<10	123	<5	68	--	--
04E 02+50N	2.42	0.2	10	80	<0.5	<2	0.43	<0.5	9	22	37	2.71	<10	0.06	<10	0.52	940	<1	0.02	13	850	16	<5	19	0.13	<10	<10	68	<5	72	--	--
04E 02+75N	3.15	0.2	10	60	<0.5	<2	0.24	<0.5	9	22	19	3.11	<10	0.03	<10	0.47	1189	<1	0.01	10	740	6	<5	14	0.13	<10	<10	72	<5	54	--	--
04E 03+00N	5.85	0.2	20	40	<0.5	<2	0.22	<0.5	10	42	106	4.95	<10	0.03	<10	0.58	326	<1	0.01	17	690	4	<5	11	0.26	<10	<10	129	<5	48	--	--
04E 00+25S	5.68	0.2	20	40	<0.5	<2	0.34	<0.5	9	40	95	4.42	<10	0.03	<10	0.54	345	<1	0.02	14	1110	2	<5	12	0.27	<10	<10	132	<5	46	--	--
04E 00+75S	5.50	0.2	40	60	<0.5	<2	0.45	<0.5	23	39	160	7.26	10	0.02	<10	0.68	476	<1	0.01	29	750	4	<5	13	0.28	<10	<10	158	<5	80	--	--
04E 01+25S	3.37	0.2	15	60	<0.5	<2	0.41	<0.5	10	31	52	3.31	<10	0.03	<10	0.53	254	<1	0.02	15	370	<2	<5	16	0.26	<10	<10	103	<5	46	--	--
04E 01+50S	2.35	0.2	5	70	<0.5	<2	0.52	<0.5	9	25	39	2.67	<10	0.05	<10	0.58	335	<1	0.03	13	550	2	<5	16	0.24	<10	<10	80	<5	40	--	--
04E 01+75S	3.21	0.2	20	190	<0.5	<2	0.85	<0.5	20	45	80	4.04	<10	0.10	10	0.94	845	<1	0.03	30	650	4	<5	30	0.26	<10	<10	118	<5	78	--	--
04E 02+00S	2.57	0.2	15	80	<0.5	<2	0.31	<0.5	8	32	35	3.19	<10	0.03	<10	0.52	253	<1	0.02	17	250	6	<5	17	0.19	<10	<10	101	<5	44	--	--
05E 00+00N	5.85	0.2	35	60	<0.5	<2	0.38	<0.5	14	49	114	5.64	10	0.04	10	0.84	442	<1	0.02	21	1210	8	<5	18	0.21	<10	<10	122	<5	76	--	--
05E 00+25N	1.42	0.2	10	40	<0.5	<2	0.36	<0.5	4	16	15	2.03	<10	0.02	<10	0.23	175	<1	0.02	6	350	12	<5	14	0.18	<10	<10	78	<5	30	--	--
05E 00+50N	3.96	0.2	20	50	<0.5	<2	0.37	<0.5	7	36	46	4.15	<10	0.03	<10	0.41	288	<1	0.02	10	1140	6	<5	12	0.28	<10	<10	125	<5	56	--	--
05E 00+75N	3.85	0.2	10	80	<0.5	<2	0.23	<0.5	9	35	63	3.32	<10	0.02	<10	0.48	298	1	0.02	19	360	4	<5	12	0.22	<10	<10	97	<5	50	--	--
05E 01+00N	1.49	0.2	15	90	<0.5	<2	0.31	<0.5	5	16	30	2.47	<10	0.05	<10	0.19	236	<1	0.01	7	510	24	<5	15	0.12	<10	<10	63	<5	60	--	--
05E 01+25N	2.99	0.2	25	110	<0.5	<2	0.45	<0.5	13	29	65	4.29	<10	0.03	<10	0.58	1906	<1	0.01	13	620	16	<5	17	0.19	<10	<10	114	<5	64	--	--
05E 01+50N	2.42	0.2	20	60	<0.5	<2	0.31	<0.5	7	21	28	3.54	<10	0.02	<10	0.32	219	<1	0.01	8	550	8	<5	14	0.20	<10	<10	104	<5	50	--	--
05E 01+75N	1.16	0.2	5	20	<0.5	<2	0.30	<0.5	2	7	1	1.33	<10	0.02	<10	0.13	232	<1	0.01	2	160	6	<5	23	0.15	<10	<10	50	<5	22	--	--
05E 02+00N	0.81	0.2	5	90	<0.5	<2	0.34	<0.5	3	6	6	1.00	<10	0.04	<10	0.16	96	<1	0.01	4	610	22	<5	16	0.04	<10	<10	24	<5	60	--	--
05E 00+25S	4.20	0.2	30	40	<0.5	<2	0.35	<0.5	9	36	70	4.15	<10	0.02	<10	0.48	294	<1	0.01	15	810	2	<5	10	0.18	<10	<10	111	<5	56	--	--
05E 00+50S	1.66	0.2	5	30	<0.5	<2	0.31	<0.5	4	18	15	2.55	<10	0.02	<10	0.33	204	<1	0.02	8	260	8	<5	16	0.15	<10	<10	85	<5	34	--	--
05E 00+75S	4.99	0.2	40	60	<0.5	<2	0.34	<0.5	13	40	89	4.95	<10	0.04	<10	0.59	362	<1	0.02	22	830	8	<5	19	0.25	<10	<10	120	<5	68	--	--
05E 01+00S	3.79	0.2	25	60	<0.5	<2	0.35	<0.5	11	29	79	4.16	<10	0.03	<10	0.47	746	<1	0.02	17	980	16	<5	14	0.21	<10	<10	102	<5	60	--	--
05E 01+25S	3.95	0.2	25	70	<0.5	<2	0.35	<0.5	11	39	72	4.93	10	0.03	<10	0.50	306	<1	0.02	19	510	4	<5	15	0.28	<10	<10	149	<5	56	--	--
05E 01+50S	4.60	0.2	20	90	<0.5	<2	0.26	<0.5	11	41	57	3.96	<10	0.03	<10	0.56	262	<1	0.02	21	420	6	<5	15	0.24	<10	<10	119	<5	58	--	--
05E 01+75S	2.91	0.2	20	60	<0.5	<2	0.25	<0.5	10	29	48	3.17	<10	0.03	<10	0.47	335	<1	0.02	16	480	8	<5	14	0.18	<10	<10	90	<5	62	--	--
05E 02+00S	2.63	0.2	15	60	<0.5	<2	0.33	<0.5	8	27	39	3.08	<10	0.02	<10	0.43	256	<1	0.02	13	450	4	<5	14	0.19	<10	<10	90	<5	48	--	--
05E 02+25S	3.40	0.2	20	140	<0.5	<2	0.36	<0.5	12	38	62	3.61	<10	0.05	<10	0.69	708	<1	0.02	21	370	6	<5	16	0.22	<10	<10	104	<5	54	--	--
05E 02+50S	3.22	0.2	10	130	<0.5	<2	0.40	<0.5	12	36	58	3.57	<10	0.05	<10	0.65	500	<1	0.02	22	320	4	<5	17	0.26	<10	<10	108	<5	56	--	--
06E 00+00N	3.31	0.2	20	70	<0.5	<2	0.40	<0.5	11	39	54	4.01	<10	0.04	<10	0.71	504	<1	0.02	21	680	12	<5	13	0.20	<10	<10	109	<5	56	--	--
06E 00+25N	0.19	0.2	<5	90	<0.5	<2	0.70	<0.5	1	3	6	0.15	<10	0.07	<10	0.09	245	<1	0.01	5	790	42	<5	28	0.01	<10	<10	4	<5	142	--	--

Certified by ....Hart Bichler........

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CHEMEX LABS LTD.

212 BROOKSBANK AVE
NORTH VANCOUVER, B.C.
CANADA V7J 2C1

TELEPHONE: (604) 984-0221
TELEX: 043-52597

* ANALYTICAL CHEMISTS * GEOCHEMISTS * REGISTERED ASSAYERS

CERTIFICATE OF ANALYSIS

TO : ROSSBACHER LABORATORY LIMITED

3325 SOUTH SPRINGER AVENUE
BURNABY, B.C.
V5B 3N1

CERT. # : A8620985-004-A
INVOICE # : I8620985
DATE : 9-DEC-86
P.O. # : NONE
V240A RACK B

Semi quantitative multi element ICP analysis

Nitric-Aqua-Regia digestion of 0.5 gm of material followed by ICP analysis. Since this digestion is incomplete for many minerals, values reported for Al, Sb, Ba, Be, Ca, Cr, Ga, La, Mg, K, Na, Sr, Tl, Ti, W and V can only be considered as semi-quantitative.

COMMENTS :

Sample description	Al %	Ag ppm	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm		
06E 00+50N	2.13	0.2	10	30	<0.5	<2	0.20	<0.5	4	15	18	2.75	<10	0.02	<10	0.22	126	<1	0.01	5	530	6	<5	13	0.14	<10	<10	87	<5	34	--	--
06E 00+75N	3.37	0.2	20	20	<0.5	<2	0.63	<0.5	6	39	63	5.34	10	0.02	<10	0.46	343	<1	0.01	8	1200	14	<5	7	0.31	<10	<10	140	<5	58	--	--
06E 01+00N	4.88	0.2	25	40	<0.5	<2	0.25	<0.5	6	42	51	4.34	<10	0.02	<10	0.38	198	<1	0.02	10	980	4	<5	12	0.22	<10	<10	120	<5	48	--	--
06E 01+25N	6.23	0.2	20	30	<0.5	<2	0.30	<0.5	8	44	59	3.33	<10	0.03	10	0.51	259	1	0.02	11	1250	2	<5	10	0.27	<10	<10	92	<5	38	--	--
06E 01+50N	4.41	0.2	20	60	<0.5	<2	0.28	<0.5	16	44	77	4.83	10	0.06	10	0.71	716	<1	0.02	21	1130	14	<5	14	0.32	<10	<10	137	<5	84	--	--
06E 01+75N	2.87	0.2	10	50	<0.5	<2	0.30	<0.5	6	11	27	2.13	<10	0.04	<10	0.18	249	<1	0.02	4	1050	6	<5	19	0.09	<10	<10	46	<5	42	--	--
06E 02+00N	2.54	0.2	10	40	<0.5	<2	0.30	<0.5	4	21	35	2.84	<10	0.03	<10	0.25	389	<1	0.02	7	870	8	<5	11	0.19	<10	<10	88	<5	38	--	--
06E 00+25S	3.32	0.2	15	140	<0.5	<2	0.25	<0.5	12	48	70	4.37	<10	0.06	<10	0.94	482	<1	0.02	34	490	8	<5	17	0.21	<10	<10	112	<5	82	--	--
06E 00+50S	3.89	0.2	25	110	<0.5	<2	0.27	<0.5	17	42	80	4.42	<10	0.04	10	0.66	440	3	0.01	27	450	8	<5	16	0.18	<10	<10	115	<5	62	--	--
06E 01+00S	2.10	0.2	15	20	<0.5	<2	0.43	<0.5	5	23	22	3.45	10	0.02	<10	0.44	186	<1	0.02	8	560	6	<5	11	0.23	<10	<10	118	<5	38	--	--
06E 01+25S	5.57	0.2	20	40	<0.5	<2	0.33	<0.5	9	38	71	4.70	<10	0.03	<10	0.49	265	<1	0.02	15	1580	14	<5	14	0.22	<10	<10	121	<5	66	--	--
06E 01+50S	2.74	0.2	15	40	<0.5	<2	0.30	<0.5	8	27	35	3.71	<10	0.02	<10	0.40	367	<1	0.02	11	600	4	<5	14	0.27	<10	<10	107	<5	76	--	--
06E 01+75S	2.23	0.2	15	40	<0.5	<2	0.26	<0.5	5	20	21	3.20	<10	0.02	<10	0.30	255	<1	0.01	7	430	14	<5	12	0.23	<10	<10	100	<5	54	--	--
06E 02+00S	3.69	0.2	25	70	0.5	<2	0.32	<0.5	48	24	44	3.74	<10	0.03	10	0.43	2175	<1	0.02	15	690	14	<5	14	0.21	<10	<10	114	<5	92	--	--
06E 02+25S	3.55	0.2	20	50	<0.5	<2	0.27	<0.5	9	29	25	3.89	10	0.03	<10	0.36	342	<1	0.01	12	530	6	<5	14	0.27	<10	<10	119	<5	76	--	--
06E 02+50S	3.06	0.2	15	170	<0.5	<2	0.92	<0.5	17	43	94	3.96	10	0.07	10	0.98	729	<1	0.04	30	750	6	<5	23	0.27	<10	<10	121	<5	70	--	--
06E 02+75S	1.95	0.2	5	30	<0.5	<2	0.32	<0.5	3	17	8	2.46	10	0.02	<10	0.20	309	<1	0.02	5	390	12	<5	13	0.27	<10	<10	90	<5	36	--	--
06E 03+00S	5.54	0.2	15	80	0.5	<2	0.34	<0.5	15	42	62	4.80	<10	0.05	<10	0.60	389	<1	0.02	21	1090	4	<5	16	0.26	<10	<10	132	<5	88	--	--
07E 00+00N	5.85	0.2	10	60	<0.5	<2	0.29	<0.5	13	43	79	4.73	10	0.04	<10	0.82	427	<1	0.02	23	940	4	<5	18	0.27	<10	<10	115	<5	62	--	--
07E 00+50N	4.78	0.2	15	50	<0.5	<2	0.32	<0.5	10	33	67	4.43	10	0.02	<10	0.39	375	<1	0.02	15	910	14	<5	15	0.26	<10	<10	107	<5	72	--	--
07E 00+75N	3.02	0.2	20	40	<0.5	<2	0.25	<0.5	5	30	34	5.18	10	0.03	<10	0.39	228	<1	0.02	10	610	10	<5	15	0.19	<10	<10	125	<5	52	--	--
07E 01+00N	2.84	0.2	15	60	<0.5	<2	0.15	<0.5	3	25	26	5.13	10	0.03	<10	0.31	413	<1	0.02	5	1220	8	<5	12	0.28	<10	<10	148	<5	50	--	--
07E 01+25N	3.28	0.2	20	50	<0.5	<2	0.17	<0.5	3	25	28	5.05	10	0.03	10	0.32	242	<1	0.01	5	1400	8	<5	9	0.26	<10	<10	124	<5	44	--	--
07E 01+50N	8.26	0.2	25	30	0.5	<2	0.10	<0.5	4	21	60	5.02	<10	0.03	<10	0.17	465	<1	0.01	2	2780	<2	<5	5	0.19	<10	<10	91	<5	38	--	--
07E 01+75N	1.52	0.2	5	20	<0.5	<2	0.33	<0.5	3	10	10	2.06	10	0.01	<10	0.10	294	<1	0.02	4	180	2	<5	16	0.15	<10	<10	61	<5	30	--	--
07E 02+00N	2.72	0.2	15	70	<0.5	<2	0.33	<0.5	7	18	30	3.80	10	0.05	<10	0.30	582	<1	0.02	8	1470	10	<5	16	0.20	<10	<10	89	<5	78	--	--
07E 00+25S	3.59	0.2	10	110	<0.5	<2	0.34	<0.5	16	40	78	4.31	<10	0.07	10	0.62	723	<1	0.02	28	850	4	<5	18	0.23	<10	<10	106	<5	76	--	--
07E 00+50S	2.72	0.2	15	120	<0.5	<2	0.86	<0.5	17	37	65	4.25	10	0.08	10	1.20	736	<1	0.04	22	800	4	<5	27	0.24	<10	<10	112	<5	86	--	--
07E 00+75S	6.17	0.2	45	80	0.5	<2	0.32	<0.5	18	42	77	6.42	10	0.06	10	0.72	373	3	0.02	25	920	2	<5	15	0.33	<10	<10	162	<5	112	--	--
07E 01+00S	1.67	0.2	20	40	<0.5	<2	0.36	<0.5	8	16	24	3.25	10	0.04	<10	0.31	185	<1	0.02	10	490	14	<5	13	0.19	<10	<10	106	<5	70	--	--
07E 01+25S	3.05	0.2	20	30	<0.5	<2	0.27	<0.5	5	32	27	4.69	10	0.02	<10	0.34	188	<1	0.02	9	510	10	<5	13	0.31	<10	<10	144	<5	84	--	--
07E 01+50S	8.87	0.2	20	30	0.5	<2	0.25	<0.5	12	38	73	5.00	<10	0.02	10	0.46	786	1	0.01	13	2120	6	<5	8	0.19	<10	<10	97	<5	68	--	--
07E 01+75S	1.98	0.2	<5	50	<0.5	<2	0.39	<0.5	8	22	23	3.13	10	0.05	<10	0.34	1161	<1	0.01	9	740	18	<5	12	0.18	<10	<10	82	<5	64	--	--
07E 02+00S	3.64	0.2	20	60	<0.5	<2	0.25	<0.5	8	21	47	4.70	10	0.03	<10	0.72	765	<1	0.02	16	650	6	<5	11	0.28	<10	<10	133	<5	88	--	--
07E 02+25S	3.97	0.2	15	60	<0.5	<2	0.36	<0.5	12	32	49	4.91	10	0.03	<10	0.64	463	<1	0.02	16	760	12	<5	16	0.34	<10	<10	138	<5	92	--	--
07E 02+50S	4.43	0.2	15	70	0.5	<2	0.50	<0.5	19	31	62	4.49	10	0.04	<10	0.74	975	<1	0.02	20	660	10	<5	16	0.28	<10	<10	133	<5	102	--	--
07E 02+75S	4.25	0.2	25	120	0.5	<2	1.74	<0.5	24	37	102	4.69	10	0.09	10	0.92	1139	<1	0.05	26	1000	8	<5	37	0.30	<10	<10	130	<5	92	--	--
07E 03+00S	2.13	0.2	<5	50	<0.5	<2	0.37	<0.5	7	21	28	3.76	10	0.04	<10	0.30	654	<1	0.02	8	720	8	<5	13	0.25	<10	<10	96	<5	66	--	--
07E 03+50S	3.44	0.2	20	50	<0.5	<2	0.31	<0.5	6	24	37	3.87	<10	0.03	<10	0.31	462	<1	0.02	10	1240	10	<5	12	0.19	<10	<10	98	<5	64	--	--
08E 00+00	4.03	0.2	10	70	<0.5	<2	0.28	<0.5	12	39	76	4.54	<10	0.01	10	0.68	416	<1	0.02	22	940	12	<5	16	0.23	<10	<10	117	<5	86	--	--

Certified by .... David G. Bichler

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• ANALYTICAL CHEMISTS • GEOCHEMISTS • REGISTERED ASSAYERS

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CERTIFICATE OF ANALYSIS

TO : ROSSBACHER LABORATORY LIMITED

3225 SOUTH SPRINGER AVENUE
BURNABY, B.C.
V5B 3N1

CERT. # : A8620985-005-A
INVOICE # : I8620985
DATE : 9-DEC-86
P.O. # : NONE
V240A BACK B

Semi quantitative multi element ICP analysis

Nitric-Aqua-Regia digestion of 0.5 gm of material followed by ICP analysis. Since this digestion is incomplete for many minerals, values reported for Al, Sb, Ba, Be, Ca, Cr, Ga, La, Mg, K, Na, Sr, Tl, Ti, W and V can only be considered as semi-quantitative.

COMMENTS :

Sample description	Al %	Ag ppm	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm		
08E 00+25N	2.92	0.2	5	50	<0.5	<2	0.19	<0.5	8	27	44	4.40	20	0.02	<10	0.41	325	<1	0.01	11	540	8	<5	10	0.26	<10	<10	114	5	62	--	--
08E 00+50N	1.96	0.2	<5	80	<0.5	<2	0.22	<0.5	8	23	24	3.62	10	0.02	<10	0.31	2113	<1	0.01	9	490	8	<5	10	0.21	<10	<10	94	<5	64	--	--
08E 00+75N	2.80	0.2	5	70	<0.5	<2	0.24	<0.5	9	25	70	4.87	10	0.02	<10	0.42	446	<1	0.02	9	970	10	<5	12	0.20	<10	<10	108	<5	50	--	--
08E 01+00N	2.34	0.2	5	30	<0.5	<2	0.27	<0.5	5	23	37	3.31	10	0.02	<10	0.26	333	<1	0.02	8	930	8	<5	11	0.13	<10	<10	75	5	44	--	--
08E 01+25N	2.39	0.2	<5	30	<0.5	<2	0.26	<0.5	5	22	33	3.76	10	0.01	<10	0.25	269	<1	0.02	6	560	8	<5	12	0.21	<10	<10	113	<5	38	--	--
08E 01+50N	3.31	0.2	10	40	<0.5	<2	0.28	<0.5	10	31	58	4.10	10	0.03	<10	0.53	445	<1	0.02	12	790	12	<5	16	0.23	<10	<10	109	<5	54	--	--
08E 01+75N	2.31	0.2	<5	30	<0.5	<2	0.25	<0.5	5	23	33	3.02	10	0.02	<10	0.27	298	<1	0.02	7	610	4	<5	11	0.19	<10	<10	91	<5	40	--	--
08E 02+00N	4.97	0.2	10	40	<0.5	<2	0.29	<0.5	15	34	66	3.44	10	0.03	10	0.58	746	<1	0.02	14	1590	4	<5	12	0.21	<10	<10	91	<5	50	--	--
08E 00+25S	4.04	0.2	5	70	<0.5	<2	0.22	<0.5	12	40	80	4.30	10	0.04	10	0.63	392	<1	0.02	20	870	14	<5	14	0.21	<10	<10	106	<5	70	--	--
08E 00+50S	4.26	0.2	10	50	<0.5	<2	0.21	<0.5	9	39	68	4.63	10	0.03	10	0.51	335	<1	0.02	16	810	10	<5	16	0.23	<10	<10	117	<5	64	--	--
08E 00+75S	3.95	0.2	<5	30	<0.5	<2	0.16	<0.5	5	41	56	5.39	10	0.01	<10	0.35	205	<1	0.01	10	860	8	<5	9	0.23	<10	<10	123	<5	52	--	--
08E 01+00S	3.40	0.2	10	30	<0.5	<2	0.14	<0.5	5	36	42	4.77	10	0.02	<10	0.35	190	<1	0.01	9	680	6	<5	10	0.21	<10	<10	122	<5	34	--	--
08E 01+25S	5.63	0.2	15	40	<0.5	<2	0.20	<0.5	10	42	119	4.86	10	0.03	10	0.54	322	<1	0.01	16	700	8	<5	11	0.25	<10	<10	115	<5	46	--	--
08E 01+50S	4.97	0.2	10	50	<0.5	<2	0.35	0.5	36	33	79	5.45	20	0.03	10	0.45	394	1	0.02	18	580	18	<5	12	0.27	<10	<10	139	<5	116	--	--
08E 01+75S	1.78	0.2	<5	30	<0.5	<2	0.37	<0.5	9	19	41	2.75	20	0.02	10	0.21	468	<1	0.01	7	440	6	<5	12	0.33	<10	<10	83	<5	74	--	--
08E 02+00S	1.69	0.2	5	20	<0.5	<2	0.53	<0.5	7	18	40	2.79	10	0.02	10	0.26	288	<1	0.01	7	410	6	<5	7	0.26	<10	<10	93	<5	48	--	--
08E 02+25S	4.17	0.2	<5	60	<0.5	<2	0.27	<0.5	9	30	66	4.04	10	0.04	10	0.60	1075	<1	0.01	15	1580	16	<5	12	0.20	<10	<10	93	<5	78	--	--
08E 02+50S	1.67	0.2	10	40	<0.5	<2	0.16	<0.5	4	17	22	3.49	10	0.02	<10	0.30	253	<1	<0.01	8	490	12	<5	9	0.21	<10	<10	106	<5	52	--	--
08E 02+75S	3.74	0.2	10	40	<0.5	<2	0.27	<0.5	15	40	95	4.30	10	0.03	10	0.89	686	<1	0.02	35	790	8	<5	11	0.25	<10	<10	108	<5	84	--	--
08E 03+00S	3.49	0.2	10	60	<0.5	<2	0.38	<0.5	20	29	94	4.82	20	0.04	10	0.92	952	<1	0.01	25	690	8	<5	15	0.28	<10	<10	135	<5	108	--	--
08E 03+25S	1.01	0.2	<5	70	<0.5	<2	0.42	<0.5	13	10	21	1.64	10	0.01	10	0.20	2415	<1	0.01	6	360	8	<5	11	0.26	<10	<10	45	<5	62	--	--
08E 03+50S	3.32	0.2	15	40	<0.5	<2	0.20	<0.5	5	38	38	4.77	20	0.02	<10	0.35	341	<1	0.01	11	1460	10	<5	11	0.32	<10	<10	140	<5	50	--	--
08E 03+75S	6.32	0.2	20	40	<0.5	<2	0.16	<0.5	9	52	65	5.32	10	0.02	<10	0.65	401	<1	0.01	18	2340	8	<5	10	0.27	<10	<10	137	<5	60	--	--
08E 04+00S	4.78	0.6	5	40	<0.5	<2	0.18	<0.5	9	35	61	4.15	10	0.02	<10	0.60	384	<1	0.01	15	1210	12	<5	10	0.22	<10	<10	106	<5	78	--	--
09E 00+00	4.22	0.2	10	50	<0.5	<2	0.21	<0.5	11	43	77	4.92	10	0.03	10	0.61	380	<1	0.01	20	780	10	<5	16	0.23	<10	<10	124	<5	62	--	--
09E 00+25S	0.17	0.2	<5	120	<0.5	<2	0.61	<0.5	<1	3	9	0.15	<10	0.08	<10	0.12	780	<1	<0.01	4	930	28	<5	24	<0.01	<10	<10	4	<5	66	--	--
09E 00+50S	3.37	0.2	10	40	<0.5	<2	0.16	<0.5	5	31	48	3.82	10	0.02	<10	0.38	214	<1	<0.01	11	570	6	<5	12	0.18	<10	<10	97	<5	40	--	--
09E 00+75S	4.30	0.2	5	40	<0.5	<2	0.18	<0.5	9	39	65	4.20	10	0.03	<10	0.64	344	<1	<0.01	16	1040	10	<5	13	0.21	<10	<10	93	<5	54	--	--
09E 01+00S	5.01	0.2	5	40	<0.5	<2	0.22	<0.5	9	35	81	4.17	10	0.03	10	0.45	301	<1	0.01	12	1340	10	<5	9	0.25	<10	<10	107	<5	52	--	--
09E 01+25S	4.88	0.2	10	90	<0.5	<2	0.50	<0.5	22	30	94	3.33	10	0.04	10	0.51	1514	<1	0.01	16	1590	28	<5	19	0.17	<10	<10	81	<5	76	--	--
09E 01+50S	3.98	0.2	5	60	<0.5	<2	0.68	<0.5	17	30	86	4.93	20	0.03	10	0.64	1240	<1	0.01	19	910	14	<5	12	0.23	<10	<10	124	<5	114	--	--
09E 01+75S	3.21	0.2	5	50	<0.5	<2	0.48	<0.5	15	25	79	3.64	10	0.02	10	0.45	1531	<1	<0.01	11	1340	32	<5	9	0.14	<10	<10	96	<5	60	--	--
09E 02+00S	6.50	0.2	5	50	<0.5	<2	0.17	<0.5	13	30	77	5.00	10	0.02	10	0.79	552	<1	0.01	22	940	12	<5	10	0.27	<10	<10	119	<5	110	--	--
09E 02+25S	1.75	0.2	10	90	<0.5	<2	0.46	<0.5	6	16	31	2.72	10	0.02	10	0.34	601	<1	<0.01	9	560	18	<5	15	0.18	<10	<10	74	<5	58	--	--
09E 02+50S	3.67	0.2	5	40	<0.5	<2	0.24	<0.5	14	38	91	4.30	10	0.02	10	0.35	696	<1	0.01	32	840	10	<5	10	0.25	<10	<10	107	<5	82	--	--
09E 02+75S	2.80	0.2	<5	40	<0.5	<2	0.16	<0.5	6	22	50	3.73	10	0.02	<10	0.40	349	<1	0.01	10	640	8	<5	9	0.23	<10	<10	102	<5	64	--	--
09E 03+00S	3.12	0.2	20	50	<0.5	<2	0.32	<0.5	14	37	69	4.77	10	0.02	10	0.86	458	<1	0.01	25	600	6	<5	15	0.26	<10	<10	125	<5	94	--	--
09E 03+25S	3.54	0.2	5	50	<0.5	<2	0.21	<0.5	9	25	73	4.10	10	0.02	<10	0.64	466	<1	0.01	15	670	8	<5	11	0.23	<10	<10	107	<5	66	--	--
09E 03+50S	5.79	0.3	210	100	<0.5	<2	0.57	<0.5	24	29	337	6.70	10	[illegible]	10	0.30	806	1	0.01	16	1230	66	<5	24	0.22	<10	<10	120	<5	136	--	--
09E 03+75S	2.79	0.2	35	40	<0.5	<2	0.36	<0.5	7	20	79	3.61	20	0.02	10	0.36	318	<1	0.01	9	720	44	<5	14	0.26	<10	<10	96	<5	72	--	--

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Certified by .... Hart Bichler

CHEMEX LABS LTD.

212 BROOKSBANK AVE.
NORTH VANCOUVER, B.C.
CANADA V7J 2C1

TELEPHONE: (604) 984-0221
TELEX: 043-52597

• ANALYTICAL CHEMISTS • GEOCHEMISTS • REGISTERED ASSAYERS

CERTIFICATE OF ANALYSIS

TO : ROSSBACHER LABORATORY LIMITED

2225 SOUTH SPRINGER AVENUE
BURNABY, B.C.
V5B 3N1

CERT. # : A8620985-006-A
INVOICE # : I8620985
DATE : 9-DEC-86
P.O. # : NONE
V240A RACK B

Semi quantitative multi element ICP analysis

Nitric-Aqua-Regia digestion of 0.5 gm of material followed by ICP analysis. Since this digestion is incomplete for many minerals, values reported for Al, Sb, Ba, Be, Ca, Cr, Ga, La, Mg, K, Na, Sr, Tl, Ti, W and V can only be considered as semi-quantitative.

COMMENTS :

Sample description	Al %	Ag ppm	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm		
09E 04+00S	11.25	0.6	25	50	1.5	<2	0.18	<0.5	164	29	73	3.07	<10	0.05	10	0.14	3152	1	0.02	6	6440	<2	<5	8	0.12	<10	<10	67	<5	68	--	--
10E 00+00	5.01	0.2	25	60	<0.5	<2	0.33	<0.5	13	45	82	5.09	10	0.03	10	0.63	373	<1	0.02	20	1190	6	<5	24	0.29	<10	<10	131	<5	92	--	--
10E 00+25S	3.89	0.2	25	40	<0.5	<2	0.25	<0.5	7	38	46	4.83	10	0.02	<10	0.36	271	<1	0.01	12	1170	6	<5	16	0.24	<10	<10	125	<5	72	--	--
10E 00+50S	2.74	0.2	20	30	<0.5	<2	0.25	<0.5	4	24	35	3.77	10	0.02	<10	0.29	195	<1	0.02	8	570	8	<5	14	0.26	<10	<10	120	<5	46	--	--
10E 00+75S	4.24	0.2	20	60	<0.5	<2	0.24	<0.5	8	46	67	5.51	10	0.04	<10	0.55	307	<1	0.02	18	740	8	<5	17	0.28	<10	<10	168	<5	68	--	--
10E 01+00S	2.00	0.2	10	30	<0.5	<2	0.16	<0.5	3	14	31	4.24	10	0.02	<10	0.27	183	<1	0.01	4	380	8	<5	8	0.24	<10	<10	173	<5	38	--	--
10E 01+25S	2.79	0.2	20	40	<0.5	<2	0.24	<0.5	11	21	68	4.69	10	0.02	10	0.46	313	4	0.02	12	320	8	<5	13	0.32	<10	<10	179	<5	90	--	--
10E 01+50S	3.16	0.2	35	40	<0.5	<2	0.19	<0.5	7	23	44	5.83	10	0.02	<10	0.37	284	<1	0.01	9	550	8	<5	11	0.28	<10	<10	157	<5	84	--	--
10E 01+75S	3.18	0.8	25	40	<0.5	<2	0.21	<0.5	7	24	46	4.34	10	0.02	<10	0.51	403	<1	0.02	12	730	6	<5	11	0.26	<10	<10	125	<5	86	--	--
10E 02+00S	2.26	0.2	25	30	<0.5	<2	0.13	<0.5	2	14	20	3.78	10	0.01	<10	0.22	216	<1	0.01	5	570	12	<5	8	0.33	<10	<10	123	<5	44	--	--
10E 02+25S	1.27	0.2	5	10	<0.5	<2	0.22	<0.5	2	9	20	2.14	<10	0.01	<10	0.14	184	<1	0.02	3	200	8	<5	14	0.17	<10	<10	86	<5	26	--	--
10E 02+50S	3.94	0.2	35	30	<0.5	<2	0.27	<0.5	9	30	130	4.88	10	0.03	10	0.62	442	<1	0.02	14	800	22	<5	15	0.25	<10	<10	144	<5	68	--	--
0-30 SLIT #1	3.54	0.2	25	250	<0.5	<2	0.88	<0.5	25	426	115	6.05	10	0.16	10	1.31	1137	<1	0.05	47	470	26	<5	44	0.47	<10	<10	181	<5	146	--	--
0-30 SLIT #2	3.63	0.2	25	280	<0.5	<2	0.68	<0.5	23	147	97	5.21	10	0.16	10	1.13	1048	<1	0.04	36	460	8	<5	42	0.38	<10	<10	143	<5	108	--	--
0-30 SLIT #3	4.13	0.2	15	290	0.5	<2	0.90	<0.5	26	222	121	5.19	10	0.19	10	1.08	1275	<1	0.04	42	690	12	<5	40	0.34	<10	<10	137	<5	134	--	--
14004	1.35	0.2	5	70	<0.5	<2	>15.00	<0.5	13	101	22	3.83	40	0.11	<10	2.70	2059	<1	0.01	27	330	2	<5	772	<0.01	<10	<10	45	<5	30	--	--
14005	1.83	0.6	325	130	<0.5	<2	0.21	<0.5	15	29	128	8.94	<10	0.33	10	0.80	490	<1	0.02	10	700	28	<5	6	<0.01	<10	<10	52	<5	52	--	--
14006	0.14	0.2	90	<10	<0.5	<2	0.22	<0.5	14	93	130	12.37	<10	<0.01	<10	0.09	173	19	0.01	60	480	20	<5	6	<0.01	<10	<10	149	<5	20	--	--
14007	4.43	0.6	20	30	<0.5	<2	1.39	4.0	26	55	242	7.79	10	0.06	10	1.87	932	<1	0.27	11	560	10	<5	58	0.23	<10	<10	107	<5	1070	--	--
14008	3.82	0.2	45	610	<0.5	<2	4.21	<0.5	36	184	55	2.69	20	0.12	<10	0.85	205	<1	0.33	273	3300	<2	<5	276	0.36	<10	<10	58	<5	32	--	--
14543	2.58	0.2	15	80	<0.5	<2	1.96	<0.5	37	51	270	4.67	20	0.06	<10	1.39	444	<1	0.10	75	820	6	<5	19	0.41	<10	<10	164	<5	64	--	--
14544	2.37	0.2	5	60	<0.5	<2	2.08	<0.5	34	33	254	3.76	10	0.07	<10	0.99	329	<1	0.12	63	790	2	<5	19	0.38	<10	<10	130	<5	42	--	--
14545	3.25	0.2	5	30	<0.5	<2	2.54	<0.5	36	40	295	5.39	10	0.08	<10	0.97	441	<1	0.31	61	870	2	<5	42	0.40	<10	<10	139	<5	44	--	--
3930	3.12	1.4	45	110	<0.5	<2	0.67	<0.5	11	26	107	8.29	<10	0.21	20	0.84	1049	3	0.05	10	2170	150	<5	19	0.05	<10	<10	91	<5	548	--	--

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Certified by ....

R.L. CRAIN INC

ROSSBACHER LABORATORY LTD.

2225 S. SPRINGER AVENUE
BURNABY, B.C. V5B 3N1
TEL : (604) 299 - 6910

CERTIFICATE OF ANALYSIS

TO : MPH CONSULTING LTD.
301-409 GRANVILLE STREET
VANCOUVER B.C.
PROJECT: AuGEOCH. CHECKS
TYPE OF ANALYSIS: GEOCHEMICAL

CERTIFICATE#: 86712
INVOICE#: 7286
DATE ENTERED: 86-12-12
FILE NAME: MPH86712
PAGE # : 2

PRE FIX	SAMPLE NAME	PPB Au I	PPB Au II	PPB Au III	PROJ.#
S	L10E 2+75S	170	90		V240
S	3+00S	1360	1260		"
S	L10E 3+25S	40	60		"
S	L11E 0+75S	5	10		"
S	1+50S	670	5		"
S	2+25S	40	30		"
S	2+50S	200	110		"
S	3+25S	5	5		"
S	L11E 3+50S	980	5		"
S	HC 52	300	5		"
S	L6E 1+50N	490	5		V240A
S	L6E 1+75N	5	5		"
S	L9E 3+50S	350	240	280	"
S	L9E 3+75S	30	5		"
S	L10E 0+75S	5	5		"
S	1+00S	110	5	20	"
S	1+25S	450	5		"
S	L10E 1+50S	10	5		"
S	L10W 4+00N	5	5		V240B
S	L10W 3+75N	500	5		"
S	L11W 3+50N	150	5		"

RECEIVED JAN 8 1987

CERTIFIED BY : J. Rossbach

ROSSBACHER LABORATORY LTD.

2225 S. SPRINGER AVENUE
BURNABY, B.C. V5B 3N1
TEL : (604) 299 - 6910

CERTIFICATE OF ANALYSIS

TO : MPH CONSULTING LTD.
301-409 GRANVILLE STREET
VANCOUVER B.C.
PROJECT: V 240-B
TYPE OF ANALYSIS: GEOCHEMICAL

CERTIFICATE#: 86660
INVOICE#: 7206
DATE ENTERED: 86-11-21
FILE NAME: MPH86660
PAGE # : 1

PREFIX	SAMPLE NAME	PPB Au
S	L 0 4+00N	5
S	3+75N	5
S	3+50N	5
S	3+25N	5
S	3+00N	5
S	2+75N	5
S	2+50N	5
S	2+25N	40
S	2+00N	5
S	1+75N	5
S	1+50N	5
S	1+25N	5
S	1+00N	5
S	0+75N	5
S	0+50N	5
S	0+25N	5
S	L 0 0+00BL	5
S	0+25S	5
S	0+50S	5
S	0+75S	5
S	1+00S	5
S	1+25S	5
S	1+50S	5
S	1+75S	5
S	2+00S	5
S	2+25S	5
S	2+50S	5
S	2+75S	5
S	3+00S	5
S	3+25S	5
S	3+50S	5
S	3+75S	5
S	4+00S	5
S	4+25S	5
S	4+50S	5
S	4+75S	5
S	5+00S	5
S	5+25S	5
S	5+50S	5
S	L 0 5+75S	5

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2225 S. SPRINGER AVENUE
BURNABY, B.C. V5B 3N1
TEL : (604) 299 - 6910

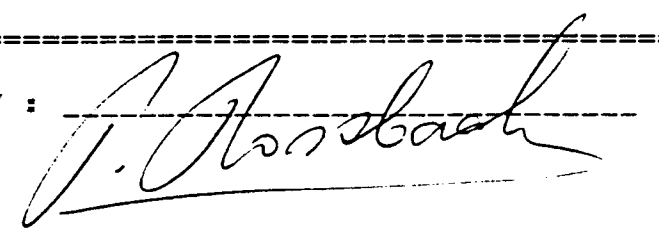
CERTIFICATE OF ANALYSIS

TO : MPH CONSULTING LTD.
301-409 GRANVILLE STREET
VANCOUVER B.C.

PROJECT: V 240-B
TYPE OF ANALYSIS: GEOCHEMICAL

CERTIFICATE#: 86660
INVOICE#: 7206
DATE ENTERED: 86-11-21
FILE NAME: MPH86660
PAGE # : 2

PRE FIX	SAMPLE NAME		PPB Au
S	L 0	6+00S	5
S		6+25S	5
S		6+50S	5
S		6+75S	5
S		7+00S	5
S		7+25S	5
S		7+50S	5
S	L 0	4+00S	5
S	L 1W	4+00N	5
S		3+75N	5
S		3+50N	5
S		3+25N	30
S		3+00N	5
S		2+75N	5
S		2+50N	10
S		2+25N	30
S		2+00N	5
S		1+75N	5
S		1+50N	5
S		1+25N	5
S		1+00N	5
S		0+75N	30
S		0+50N	5
S		0+25N	5
S	L 1W	0+00BL	5
S		0+25S	5
S		0+50S	5
S		0+75S	5
S		1+00S	5
S		1+25S	5
S		1+50S	5
S		1+75S	10
S		2+00S	5
S		2+25S	5
S		2+50S	5
S		2+75S	5
S		3+00S	5
S		3+25S	5
S		3+50S	5
S	L 1W	3+75S	5

CERTIFIED BY : 

ROSSBACHER LABORATORY LTD.
2225 S. SPRINGER AVENUE
BURNABY, B.C. V5B 3N1
TEL : (604) 299 - 6910

CERTIFICATE OF ANALYSIS

TO : MPH CONSULTING LTD.
301-409 GRANVILLE STREET
VANCOUVER B.C.
PROJECT: V 240-B
TYPE OF ANALYSIS: GEOCHEMICAL

CERTIFICATE#: 86660
INVOICE#: 7206
DATE ENTERED: 86-11-21
FILE NAME: MPH86660
PAGE # : 3

RE FIX	SAMPLE NAME	PPB Au
S	L 1W 4+00S	5
S	4+25S	5
S	4+50S	5
S	4+75S	5
S	5+00S	5
S	5+25S	5
S	5+50S	5
S	5+75S	5
S	6+00S	5
S	6+25S	5
S	6+50S	5
S	6+75S	5
S	7+00S	5
S	L 1W 7+25S	5
S	L 2W 2+00N	5
S	1+75N	5
S	1+50N	5
S	1+25N	5
S	1+00N	5
S	0+75N	5
S	0+50N	5
S	0+25N	5
S	L 2W 0+00BL	5
S	0+25S	5
S	0+50S	5
S	0+75S	5
S	1+00S	5
S	1+25S	5
S	1+50S	5
S	1+75S	5
S	2+00S	5
S	2+25S	5
S	2+50S	5
S	2+75S	5
S	3+00S	5
S	3+25S	5
S	3+50S	5
S	3+75S	5
S	4+00S	5
S	L 2W 4+25S	5

CERTIFIED BY : J. Rossbacher

ROSSBACHER LABORATORY LTD.

2225 S. SPRINGER AVENUE
BURNABY, B.C. V5B 3N1
TEL : (604) 299 - 6910

CERTIFICATE OF ANALYSIS

TO : MPH CONSULTING LTD.
301-409 GRANVILLE STREET
VANCOUVER B.C.

PROJECT: V 240-B
TYPE OF ANALYSIS: GEOCHEMICAL

CERTIFICATE#: 86660
INVOICE#: 7206
DATE ENTERED: 86-11-21
FILE NAME: MPH86660
PAGE # : 4

PRE FIX	SAMPLE NAME	PPB Au
S	L 2W 4+50S	5
S	4+75S	5
S	5+00S	5
S	5+25S	5
S	5+50S	5
S	5+75S	5
S	6+00S	5
S	6+25S	5
S	6+50S	10
S	6+75S	5
S	7+00S	5
S	7+25S	5
S	L 2W 7+50S	5
S	L 3W 4+00N	5
S	3+75N	5
S	3+50N	5
S	3+25N	5
S	3+00N	5
S	2+75N	5
S	2+50N	5
S	2+25N	5
S	2+00N	5
S	1+75N	5
S	1+50N	5
S	1+25N	5
S	1+00N	5
S	0+75N	5
S	0+50N	5
S	0+25N	5
S	L 3W 0+00BL	5
S	0+25S	5
S	0+50S	5
S	0+75S	5
S	1+00S	5
S	1+25S	5
S	1+50S	5
S	1+75S	5
S	2+00S	5
S	2+25S	5
S	L 3W 2+50S	70

CERTIFIED BY : J. Rossbacher

ROSSBACHER LABORATORY LTD.
2225 S. SPRINGER AVENUE
BURNABY, B.C. V5B 3N1
TEL : (604) 299 - 6910

CERTIFICATE OF ANALYSIS

TO : MPH CONSULTING LTD.
301-409 GRANVILLE STREET
VANCOUVER B.C.
PROJECT: V 240-B
TYPE OF ANALYSIS: GEOCHEMICAL

CERTIFICATE#: 86660
INVOICE#: 7206
DATE ENTERED: 86-11-21
FILE NAME: MPH86660
PAGE # : 5

RE FIX	SAMPLE NAME	PPB Au
S	L 3W 2+75S	5
S	3+00S	5
S	3+25S	5
S	4+00S	5
S	4+25S	5
S	4+50S	5
S	4+75S	5
S	5+00S	5
S	5+25S	5
S	5+50S	5
S	5+75S	5
S	6+00S	5
S	6+25S	5
S	6+50S	5
S	6+75S	5
S	7+00S	5
S	L 3W 7+25S	5
S	L 4W 4+00N	5
S	3+75N	5
S	3+50N	5
S	3+25N	5
S	3+00N	5
S	2+75N	5
S	2+50N	5
S	2+25N	5
S	2+00N	5
S	1+75N	5
S	1+50N	5
S	1+25N	5
S	1+00N	5
S	0+75N	5
S	0+50N	5
S	0+25N	5
S	L 4W 0+00BL	5
S	0+25S	5
S	0+75S	5
S	1+00S	5
S	1+25S	5
S	1+50S	5
S	L 4W 1+75S	5

CERTIFIED BY : J. Rossbach

ROSSBACHER LABORATORY LTD.
2225 S. SPRINGER AVENUE
BURNABY, B.C. V5B 3N1
TEL : (604) 299 - 6910

CERTIFICATE OF ANALYSIS

TO : MPH CONSULTING LTD.
301-409 GRANVILLE STREET
VANCOUVER B.C.
PROJECT: V 240-B
TYPE OF ANALYSIS: GEOCHEMICAL

CERTIFICATE#: 86660
INVOICE#: 7206
DATE ENTERED: 86-11-21
FILE NAME: MPH86660
PAGE # : 6

RE FIX	SAMPLE NAME	PPB Au
S	L 4W 2+00S	5
S	2+25S	5
S	2+50S	5
S	2+75S	5
S	3+00S	5
S	3+25S	5
S	3+50S	5
S	3+75S	5
S	4+00S	5
S	4+25S	5
S	4+50S	5
S	4+75S	5
S	5+00S	5
S	5+25S	5
S	5+50S	5
S	5+75S	5
S	6+00S	5
S	6+25S	5
S	6+50S	5
S	6+75S	5
S	L 4W 7+25S	5
S	L 5W 4+00N	5
S	3+75N	5
S	3+50N	5
S	3+25N	5
S	3+00N	5
S	2+75N	5
S	2+50N	5
S	2+25N	5
S	2+00N	5
S	1+75N	5
S	1+50N	5
S	1+25N	5
S	1+00N	10
S	0+75N	5
S	0+50N	5
S	0+25N	5
S	L 5W 0+00BL	5
S	0+25S	5
S	L 5W 0+50S	5

CERTIFIED BY : J. Rossbacher

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CERTIFICATE OF ANALYSIS

TO : MPH CONSULTING LTD.
301-409 GRANVILLE STREET
VANCOUVER B.C.

PROJECT: V 240-B
TYPE OF ANALYSIS: GEOCHEMICAL

CERTIFICATE#: 86660
INVOICE#: 7206
DATE ENTERED: 86-11-21
FILE NAME: MPH86660
PAGE # : 7

PREFIX	SAMPLE NAME	PPB Au
S	L 5W 0+75S	5
S	1+00S	5
S	1+25S	5
S	1+50S	5
S	1+75S	5
S	2+00S	5
S	2+25S	5
S	2+50S	5
S	2+75S	5
S	3+00S	5
S	3+25S	5
S	3+50S	5
S	3+75S	5
S	4+00S	5
S	4+25S	5
S	4+50S	5
S	4+75S	5
S	5+00S	5
S	5+25S	5
S	5+50S	5
S	5+75S	5
S	6+00S	5
S	6+25S	5
S	6+50S	20
S	6+75S	5
S	7+00S	5
S	L 5W 7+25S	5
S	L 6W 4+00N	5
S	3+75N	5
S	3+50N	5
S	3+50N	5
S	3+25N	5
S	3+00N	5
S	2+75N	5
S	2+50N	5
S	2+25N	5
S	2+00N	5
S	1+75N	5
S	1+50N	5
S	L 6W 1+25N	5

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VANCOUVER B.C.

PROJECT: V 240-B
TYPE OF ANALYSIS: GEOCHEMICAL

CERTIFICATE#: 86660
INVOICE#: 7206
DATE ENTERED: 86-11-21
FILE NAME: MPH86660
PAGE # : 8

PREFIX	SAMPLE NAME	PPB Au
S	L 6W 1+00N	5
S	0+75N	5
S	0+50N	5
S	0+25N	5
S	L 6W 0+00BL	5
S	0+25S	5
S	0+50S	5
S	0+75S	5
S	1+00S	5
S	1+25S	5
S	1+50S	5
S	1+75S	5
S	2+00S	5
S	2+25S	5
S	2+50S	5
S	2+75S	5
S	3+00S	5
S	3+25S	5
S	3+50S	5
S	3+75S	5
S	4+00S	5
S	4+25S	5
S	4+50S	5
S	4+75S	5
S	5+00S	5
S	5+25S	5
S	5+50S	5
S	5+75S	5
S	6+00S	5
S	6+25S	5
S	6+50S	5
S	6+75S	5
S	L 6W 7+00S	10
S	L 7W 4+00N	5
S	3+75N	5
S	3+50N	5
S	3+25N	5
S	3+00N	5
S	2+75N	5
S	L 6W 2+50N	5

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TYPE OF ANALYSIS: GEOCHEMICAL

CERTIFICATE#: 86660
INVOICE#: 7206
DATE ENTERED: 86-11-21
FILE NAME: MPH86660
PAGE # : 9

PRE FIX	SAMPLE NAME	PPB Au
S	L 7W 2+25N	5
S	2+00N	5
S	1+75N	5
S	1+50N	40
S	1+25N	10
S	1+00N	5
S	0+75N	5
S	0+50N	5
S	0+25N	5
S	L 7W 0+00BL	5
S	0+25S	5
S	0+50S	5
S	0+75S	5
S	1+00S	5
S	1+25S	5
S	1+50S	5
S	1+75S	5
S	2+00S	5
S	2+25S	5
S	2+50S	5
S	2+75S	5
S	3+00S	5
S	3+25S	5
S	3+50S	5
S	3+75S	5
S	4+00S	5
S	4+25S	5
S	4+50S	5
S	4+75S	5
S	5+00S	5
S	5+25S	5
S	5+50S	5
S	5+75S	5
S	6+00S	5
S	6+25S	5
S	6+50S	5
S	6+75S	5
S	7+00S	5
S	7+25S	5
S	L 7W 7+50S	5

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301-409 GRANVILLE STREET
VANCOUVER B.C.
PROJECT: V 240-B
TYPE OF ANALYSIS: GEOCHEMICAL

CERTIFICATE#: 86660
INVOICE#: 7206
DATE ENTERED: 86-11-21
FILE NAME: MPH86660
PAGE # : 10

PREFIX	SAMPLE NAME	PPB Au
S	L 7W 7+75S	5
S	8+00S	5
S	L 7W 8+25S	5
S	L 8W 4+00N	5
S	3+75N	5
S	3+50N	5
S	3+25N	5
S	3+00N	5
S	2+75N	5
S	2+50N	5
S	2+25N	5
S	2+00N	5
S	1+75N	5
S	1+50N	5
S	1+25N	5
S	1+00N	5
S	0+75N	5
S	0+50N	5
S	0+25N	5
S	L 8W 0+00BL	5
S	0+25S	20
S	0+50S	5
S	0+75S	5
S	1+00S	5
S	1+25S	5
S	1+50S	5
S	1+75S	5
S	2+00S	5
S	2+25S	5
S	2+50S	5
S	2+75S	5
S	3+00S	5
S	3+25S	5
S	3+50S	5
S	3+75S	5
S	4+00S	5
S	4+25S	5
S	4+50S	5
S	4+75S	5
S	L 8W 5+00S	5

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VANCOUVER B.C.

PROJECT: V 240-B
TYPE OF ANALYSIS: GEOCHEMICAL

CERTIFICATE#: 86660
INVOICE#: 7206
DATE ENTERED: 86-11-21
FILE NAME: MPH86660
PAGE # : 11

RE FIX	SAMPLE NAME	PPB Au
S	L 8W 5+25S	5
S	5+50S	5
S	5+75S	5
S	6+00S	5
S	6+25S	5
S	6+50S	5
S	6+75S	5
S	L 8W 7+00S	5
S	L 9W 4+00N	5
S	3+75N	5
S	3+50N	5
S	3+25N	5
S	3+00N	5
S	2+75N	5
S	2+50N	5
S	2+25N	5
S	2+00N	5
S	1+75N	5
S	1+50N	5
S	1+25N	5
S	1+00N	5
S	0+75N	5
S	0+50N	5
S	0+25N	5
S	L 9W 0+00BL	5
S	0+25S	5
S	0+50S	5
S	0+75S	5
S	1+00S	5
S	1+25S	5
S	1+50S	5
S	1+75S	5
S	2+00S	5
S	2+25S	5
S	2+50S	5
S	2+75S	5
S	3+00S	5
S	3+25S	5
S	3+50S	5
S	L 9W 3+75S	5

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VANCOUVER B.C.

PROJECT: V 240-B
TYPE OF ANALYSIS: GEOCHEMICAL

CERTIFICATE#: 86660
INVOICE#: 7206
DATE ENTERED: 86-11-21
FILE NAME: MPH86660
PAGE # : 12

PREFIX	SAMPLE NAME	PPB Au
S	L 9W 4+00S	5
S	4+25S	5
S	4+50S	5
S	4+75S	5
S	5+00S	5
S	5+25S	5
S	5+50S	5
S	5+75S	5
S	6+00S	5
S	6+25S	5
S	6+50S	5
S	6+75S	5
S	L 9W 7+00S	5
S	L 10W 4+00N	5
S	3+75N	500
S	3+50N	5
S	3+25N	5
S	3+00N	5
S	2+75N	5
S	2+50N	5
S	2+25N	5
S	2+00N	5
S	1+75N	5
S	1+50N	5
S	1+25N	5
S	1+00N	5
S	0+75N	5
S	0+50N	5
S	0+25N	5
S	L 10W 0+00BL	5
S	0+25S	5
S	0+50S	5
S	0+75S	5
S	1+00S	5
S	1+25S	5
S	1+50S	5
S	1+75S	5
S	2+00S	5
S	2+25S	5
S	L 10W 2+50S	5

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VANCOUVER B.C.

PROJECT: V 240-B
TYPE OF ANALYSIS: GEOCHEMICAL

CERTIFICATE#: 86660
INVOICE#: 7206
DATE ENTERED: 86-11-21
FILE NAME: MPH86660
PAGE # : 13

RE FIX	SAMPLE NAME	PPB Au
S	L 10W 2+75S	5
S	3+00S	5
S	3+25S	5
S	3+50S	5
S	3+75S	5
S	4+00S	5
S	4+25S	5
S	4+50S	5
S	4+75S	5
S	5+00S	5
S	5+25S	5
S	5+50S	5
S	5+75S	5
S	6+00S	5
S	6+25S	5
S	6+50S	5
S	6+75S	5
S	L 10W 7+00S	5
S	L 11W 4+00N	5
S	3+75N	5
S	3+50N	150
S	3+25N	5
S	3+00N	5
S	2+75N	5
S	2+50N	5
S	2+25N	5
S	2+00N	5
S	1+75N	5
S	1+50N	5
S	1+25N	5
S	1+00N	5
S	0+75N	5
S	0+50N	5
S	0+25N	5
S	L 11W 0+00BL	5
S	0+25S	5
S	0+50S	5
S	0+75S	5
S	1+00S	5
S	L 11W 1+25S	5

CERTIFIED BY : J. Rossbacher

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TEL : (604) 299 - 6910

CERTIFICATE OF ANALYSIS

TO : MPH CONSULTING LTD.
301-409 GRANVILLE STREET
VANCOUVER B.C.

PROJECT: V 240-B
TYPE OF ANALYSIS: GEOCHEMICAL

CERTIFICATE#: 86660
INVOICE#: 7206
DATE ENTERED: 86-11-21
FILE NAME: MPH86660
PAGE # : 14

RE FIX	SAMPLE NAME	PPB Au
S	L 11W 1+50S	5
S	1+75S	5
S	2+00S	5
S	2+25S	5
S	2+50S	5
S	2+75S	5
S	3+00S	5
S	3+25S	5
S	3+50S	5
S	3+75S	5
S	4+00S	5
S	4+25S	5
S	4+50S	5
S	4+75S	5
S	5+00S	5
S	5+25S	5
S	5+50S	5
S	5+75S	5
S	6+00S	5
S	6+50S	5
S	L 11W 6+75S	5
S	L 12W 4+00N	5
S	3+75N	5
S	3+50N	5
S	3+25N	5
S	3+00N	5
S	2+75N	5
S	2+50N	5
S	2+25N	5
S	2+00N	5
S	1+75N	5
S	1+50N	5
S	1+25N	5
S	1+00N	5
S	0+75N	5
S	0+50N	5
S	0+50N	5
S	0+25N	5
S	0+00BL	5
S	L 12W 0+25S	5

CERTIFIED BY : J. Rossbacher

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BURNABY, B.C. V5B 3N1
TEL : (604) 299 - 6910

CERTIFICATE OF ANALYSIS

TO : MPH CONSULTING LTD.
301-409 GRANVILLE STREET
VANCOUVER B.C.
PROJECT: V 240-B
TYPE OF ANALYSIS: GEOCHEMICAL

CERTIFICATE#: 86660
INVOICE#: 7206
DATE ENTERED: 86-11-21
FILE NAME: MPH86660
PAGE # : 15

PREFIX	SAMPLE NAME	PPB Au
S	L 12W 0+50S	5
S	0+75S	5
S	1+00S	5
S	1+25S	5
S	1+50S	5
S	1+75S	5
S	2+00S	5
S	2+25S	5
S	2+50S	5
S	2+75S	5
S	3+00S	5
S	3+25S	5
S	3+50S	5
S	3+75S	5
S	4+00S	5
S	4+25S	5
S	4+50S	5
S	4+75S	5
S	5+00S	5
S	5+25S	5
S	5+50S	5
S	5+75S	5
S	6+00S	5
S	6+25S	5
S	6+50S	5
S	6+75S	5
S	L 12W 7+00S	5

CERTIFIED BY : J. Rossbacher

CHEMEX LABS LTD.

• ANALYTICAL CHEMISTS • GEOCHEMISTS • REGISTERED ASSAYERS

212 BROOKSBANK AVE
NORTH VANCOUVER B.C.
CANADA V7J 2C1
TELEPHONE (604) 984-0221
TELEX: 043-52597

CERTIFICATE OF ANALYSIS

TO : ROSSBACHER LABORATORY LIMITED
2225 SOUTH SPRINGER AVENUE
BURNABY, B.C.
V5B 3N1

CERT. # : A86[illegible]35-001-A
INVOICE # : I86[illegible]35
DATE : 11-DEC-86
P.O. # : NONE
V2403 RAC-M

Semi quantitative multi element ICP analysis

Nitric-Aqua-Regia digestion of 0.5 gm of material followed by ICP analysis. Since this digestion is incomplete for many minerals, values reported for Al, Sb, Ba, Be, Ca, Cr, Ga, La, Mg, K, Na, Sr, Tl, Ti, W and V can only be considered as semi-quantitative.

COMMENTS :
ATTN: PETER ROSSBACHER

Sample description	Al %	Ag ppm	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm		
LO 04+00N	3.53	0.2	10	100	<0.5	<2	0.31	<0.5	14	42	75	4.48	<10	0.06	10	0.84	543	<1	0.01	27	380	16	<5	27	0.31	<10	<10	120	<5	72	--	--
LO 03+75N	3.80	0.2	35	140	<0.5	<2	0.34	<0.5	19	40	86	4.96	<10	0.09	10	0.84	1276	<1	0.01	31	1010	18	<5	19	0.25	<10	<10	115	<5	106	--	--
LO 03+50N	[illegible]	0.2	15	130	<0.5	<2	0.31	<0.5	19	45	107	4.76	<10	0.07	10	0.87	[illegible]	<1	[illegible]	35	980	12	<5	21	0.28	<10	<10	119	<5	100	--	--
LO 03+25N	6.42	0.2	5	[illegible]	<0.5	<2	0.22	<0.5	15	58	80	[illegible]	<10	0.07	[illegible]	0.82	[illegible]	<1	<0.01	30	1060	8	<5	21	0.28	<10	<10	131	<5	102	--	--
LO 03+00N	4.38	0.2	5	130	<0.5	<2	0.27	<0.5	19	50	88	4.19	<10	0.08	[illegible]	[illegible]	[illegible]	<1	[illegible]	31	1100	13	<5	22	0.23	<10	<10	122	<5	108	--	--
LO 02+75N	3.58	0.2	5	160	<0.5	<2	0.42	<0.5	24	49	86	5.00	<10	0.10	10	1.02	1135	<1	0.01	37	850	12	<5	25	0.27	<10	<10	130	<5	118	--	--
LO 02+50N	3.55	0.2	10	140	<0.5	<2	0.39	<0.5	22	45	78	4.67	<10	0.10	10	0.97	976	<1	0.01	33	730	10	<5	21	0.25	<10	<10	120	<5	112	--	--
LO 02+25N	4.56	0.2	5	170	<0.5	<2	0.35	<0.5	23	52	114	5.10	<10	0.11	10	1.14	620	<1	0.01	44	510	16	<5	22	0.28	<10	<10	131	<5	110	--	--
LO 02+00N	3.64	0.2	10	180	<0.5	<2	0.79	<0.5	31	46	56	4.57	10	0.10	[illegible]	0.89	[illegible]	<1	0.01	34	590	10	<5	27	0.23	<10	<10	116	<5	120	--	--
LO 01+75N	4.06	0.2	5	210	<0.5	<2	0.49	<0.5	25	53	41	5.34	10	0.11	10	0.75	1852	<1	0.02	38	440	12	<5	25	0.21	<10	<10	119	<5	166	--	--
LO 01+50N	2.26	0.2	<5	90	<0.5	<2	0.46	<0.5	11	35	23	4.00	10	0.06	10	0.44	320	<1	0.01	19	390	12	<5	17	0.18	<10	<10	122	<5	60	--	--
LO 01+25N	3.48	0.2	15	170	<0.5	<2	0.63	<0.5	23	43	56	4.52	<10	0.08	10	0.87	1728	<1	0.01	34	630	12	<5	21	0.24	<10	<10	110	<5	134	--	--
LO 01+00N	3.20	0.2	10	130	<0.5	<2	0.30	<0.5	24	35	53	4.75	<10	0.06	10	0.85	887	<1	0.01	22	430	10	<5	12	0.25	<10	<10	139	<5	128	--	--
LO 00+75N	2.38	0.2	5	120	<0.5	<2	0.54	<0.5	17	33	29	3.39	10	0.05	10	0.65	2360	<1	0.01	38	540	12	<5	20	0.21	<10	<10	84	<5	144	--	--
LO 00+50N	2.14	0.2	<5	150	<0.5	<2	0.55	<0.5	14	33	25	3.24	<10	0.07	<10	0.65	1374	<1	<0.01	20	590	8	<5	22	0.19	<10	<10	84	<5	120	--	--
LO 00+25N	3.13	0.2	<5	180	<0.5	<2	0.50	<0.5	19	44	50	4.09	<10	[illegible]	10	0.79	1523	<1	[illegible]	29	550	10	<5	23	0.20	<10	<10	58	<5	124	--	--
LO 00+00 BL	3.73	0.2	10	160	<0.5	<2	0.46	<0.5	21	47	66	4.67	<10	0.08	10	0.91	[illegible]	<1	0.01	35	720	12	<5	24	0.23	<10	<10	120	<5	116	--	--
LO 00+25S	2.97	0.2	<5	170	<0.5	<2	0.40	<0.5	17	35	51	3.82	<10	0.07	<10	0.72	2164	<1	<0.01	26	740	10	<5	20	0.18	<10	<10	87	<5	118	--	--
LO 00+50S	3.50	0.2	5	300	<0.5	<2	0.31	<0.5	20	39	55	4.50	<10	0.08	<10	0.76	2509	<1	0.01	32	750	12	<5	20	0.19	<10	<10	107	<5	176	--	--
LO 00+75S	4.13	0.2	5	160	<0.5	<2	0.28	<0.5	26	46	90	4.82	<10	0.10	10	0.84	970	<1	0.01	37	730	6	<5	19	0.22	<10	<10	112	<5	168	--	--
LO 01+00S	3.58	0.2	15	160	<0.5	<2	0.34	<0.5	25	40	69	4.42	<10	0.07	10	0.88	[illegible]	<1	0.01	29	520	10	<5	19	0.23	<10	<10	100	<5	116	--	--
LO 01+25S	1.99	0.2	15	120	<0.5	<2	0.25	<0.5	13	24	28	3.49	<10	0.04	10	0.40	[illegible]	<1	<0.01	13	600	14	<5	12	0.16	<10	<10	85	<5	112	--	--
LO 01+50S	1.76	0.2	15	[illegible]	<0.5	<2	0.31	<0.5	15	19	15	2.98	<10	0.04	10	0.32	[illegible]	<1	[illegible]	[illegible]	[illegible]	14	<5	14	0.13	<10	<10	76	<5	162	--	--
LO 01+75S	2.53	0.2	<5	260	<0.5	<2	0.30	<0.5	17	22	41	3.47	<10	0.08	10	0.36	2833	<1	<0.01	17	1500	18	<5	12	0.14	<10	<10	78	<5	178	--	--
LO 02+00S	2.77	0.2	<5	260	<0.5	<2	0.29	<0.5	18	22	55	3.29	<10	0.08	10	0.37	[illegible]	<1	<0.01	14	1190	12	<5	14	0.14	<10	<10	79	<5	126	--	--
LO 02+25S	3.67	0.2	5	160	<0.5	<2	0.25	<0.5	14	25	58	4.29	<10	0.07	10	0.49	727	<1	<0.01	17	750	6	<5	14	0.22	<10	<10	109	<5	168	--	--
LO 02+50S	[illegible]	0.2	20	490	<0.5	<2	0.27	<0.5	13	11	62	[illegible]	<10	[illegible]	10	0.44	[illegible]	<1	<0.01	12	640	[illegible]	<5	9	0.04	<10	<10	59	<5	122	--	--
LO 02+75S	[illegible]	0.2	20	230	<0.5	<2	0.23	<0.5	18	23	[illegible]	4.17	<10	[illegible]	10	0.75	[illegible]	<1	<0.01	[illegible]	410	[illegible]	<5	13	0.18	<10	<10	[illegible]	<5	122	--	--
LO 03+00S	3.75	0.2	25	300	<0.5	<2	0.28	<0.5	14	22	31	[illegible]	<10	0.07	10	0.53	[illegible]	<1	<0.01	[illegible]	640	14	<5	15	[illegible]	<10	<10	93	<5	148	--	--
LO 03+25S	2.82	0.2	15	260	<0.5	<2	0.48	<0.5	23	31	112	4.09	<10	0.11	10	0.93	1307	<1	0.01	25	650	14	<5	32	0.17	<10	<10	97	<5	128	--	--
LO 03+50S	1.63	0.2	15	230	<0.5	<2	0.74	<0.5	10	17	40	2.32	<10	0.09	<10	0.37	943	<1	<0.01	13	820	22	<5	25	0.14	<10	<10	62	<5	158	--	--
LO 03+75S	3.31	0.2	15	250	<0.5	<2	0.29	<0.5	20	38	103	4.22	<10	0.07	<10	0.94	922	<1	<0.01	32	400	6	<5	15	0.17	<10	<10	99	<5	96	--	--
LO 04+00S	2.79	0.2	5	170	<0.5	<2	0.25	<0.5	16	33	72	4.31	<10	0.04	10	0.65	973	<1	<0.01	25	420	10	<5	12	[illegible]	<10	<10	78	<5	98	--	--
LO 04+25S	4.11	0.2	10	220	<0.5	<2	0.21	<0.5	22	35	125	4.77	<10	[illegible]	10	0.99	[illegible]	<1	<0.01	13	540	[illegible]	<5	10	0.19	<10	<10	112	<5	108	--	--
LO 04+50S	[illegible]	0.2	15	200	<0.5	<2	0.46	<0.5	16	23	15	[illegible]	<10	[illegible]	10	[illegible]	[illegible]	<1	[illegible]	19	[illegible]	[illegible]	<5	[illegible]	[illegible]	<10	<10	75	<5	110	--	--
LO 04+75S	3.53	0.2	10	140	<0.5	<2	0.23	<0.5	15	36	102	4.29	<10	0.02	<10	0.96	466	<1	<0.01	30	720	10	<5	13	0.27	<10	<10	103	<5	102	--	--
LO 05+00S	3.29	0.2	15	200	<0.5	<2	0.22	<0.5	16	37	98	3.93	<10	0.04	<10	0.77	1222	<1	<0.01	28	860	[illegible]	<5	12	0.21	<10	<10	97	<5	100	--	--
LO 05+25S	3.23	0.2	10	230	<0.5	<2	0.25	<0.5	20	36	98	4.06	<10	0.04	10	0.66	2257	<1	<0.01	26	690	2	<5	15	0.19	<10	<10	100	<5	112	--	--
LO 05+50S	[illegible]	0.2	10	230	<0.5	<2	0.37	<0.5	16	29	49	[illegible]	<10	[illegible]	<10	[illegible]	[illegible]	<1	<0.01	24	[illegible]	[illegible]	<5	13	[illegible]	<10	<10	[illegible]	<5	[illegible]	--	--
LO 05+75S	[illegible]	0.2	10	140	<0.5	<2	0.34	<0.5	13	22	47	3.21	<10	[illegible]	<10	[illegible]	[illegible]	<1	<0.01	[illegible]	[illegible]	[illegible]	<5	18	[illegible]	<10	<10	77	<5	104	--	--

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Geochemical quantitative multi element ICP analysis

Nitric-Aqua-Regia digestion of 0.5 gm of material followed by ICP analysis. Since this digestion is incomplete for many minerals, values reported for Al, Sb, Ba, Be, Ca, Cr, Ga, La, Mg, K, Na, Sr, Ti, Ti, W and V can only be considered as semi-quantitative.

CERTIFICATE OF ANALYSIS

TO : ROSSBACHER LABORATORY LIMITED

2025 SOUTH SPRINGER AVENUE
BURNABY, B.C.
V5B 3N1

CERT. # : A8621105-001-A
INVOICE # : I8621105
DATE : 11-DEC-86
P.O. # : NONE
[illegible]

COMMENTS :

ATTN: PETER ROSSBACHER

Sample Description	Al %	Ag ppm	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm		
L0 06+00S	2.96	0.2	10	130	<0.5	<2	0.42	<0.5	13	22	42	3.28	10	0.05	10	0.60	933	<1	<0.01	16	1000	6	<5	22	0.22	<10	<10	82	<5	138	--	--
L0 06+25S	3.13	0.2	15	230	<0.5	<2	0.56	<0.5	18	33	75	3.96	10	0.08	10	0.76	1177	<1	0.01	26	490	12	<5	26	0.26	<10	<10	105	<5	106	--	--
L0 06+50S	4.48	0.2	10	320	<0.5	<2	0.19	<0.5	24	44	92	5.10	10	0.12	20	0.95	1527	<1	0.01	33	640	8	<5	34	0.43	<10	<10	135	<5	126	--	--
L0 06+75S	3.82	0.2	15	220	<0.5	<2	0.64	<0.5	22	38	107	4.38	10	0.09	10	1.13	1445	<1	0.01	30	730	18	<5	25	0.45	<10	<10	135	<5	130	--	--
L0 07+00S	1.80	0.2	5	240	<0.5	<2	0.77	<0.5	10	28	24	3.17	10	0.04	10	0.50	1081	<1	0.01	14	670	12	<5	38	0.41	<10	<10	101	<5	102	--	--
L0 07+25S	2.91	0.2	15	170	<0.5	<2	0.52	<0.5	14	32	55	3.96	10	0.06	10	0.60	1158	<1	0.01	20	980	12	<5	27	0.37	<10	<10	110	<5	108	--	--
L0 07+50S	3.70	0.2	15	200	<0.5	<2	0.51	<0.5	18	48	93	4.36	10	0.07	10	0.89	848	<1	0.01	33	830	10	<5	26	0.35	<10	<10	121	<5	110	--	--
L0 07+75S	3.94	0.2	<5	150	<0.5	<2	0.81	<0.5	25	69	113	4.85	20	0.08	10	1.32	784	<1	0.03	42	830	6	<5	30	0.53	<10	<10	156	<5	92	--	--
L01W 04+00N	5.13	0.2	10	190	<0.5	<2	0.34	<0.5	26	53	105	5.38	10	0.10	10	1.03	674	<1	0.01	40	760	6	<5	23	0.30	<10	<10	131	<5	148	--	--
L01W 03+75N	3.73	0.2	10	140	<0.5	<2	0.38	<0.5	19	43	79	4.55	10	0.07	10	0.92	706	<1	0.01	30	480	12	<5	29	0.22	<10	<10	113	<5	96	--	--
L01W 03+50N	3.28	0.2	10	140	<0.5	<2	0.27	<0.5	14	38	58	4.05	<10	0.04	10	0.76	735	<1	<0.01	25	380	4	<5	21	0.24	<10	<10	99	<5	86	--	--
L01W 03+25N	5.05	0.2	25	150	<0.5	<2	0.25	<0.5	19	50	111	5.21	10	0.06	10	1.04	747	<1	0.01	35	570	10	<5	22	0.36	<10	<10	131	<5	106	--	--
L01W 03+00N	2.14	0.2	20	70	<0.5	<2	0.39	<0.5	6	26	26	3.67	10	0.04	10	0.46	445	<1	0.01	12	350	8	<5	31	0.43	<10	<10	112	<5	58	--	--
L01W 02+75N.	4.24	0.2	25	160	<0.5	<2	0.45	<0.5	21	48	84	4.84	10	0.10	10	0.96	1204	<1	0.01	33	730	8	<5	29	0.39	<10	<10	125	<5	124	--	--
L01W 02+50N	3.93	0.2	15	150	<0.5	<2	0.49	<0.5	21	46	81	4.81	10	0.10	10	0.97	1110	<1	0.01	32	720	4	<5	30	0.37	<10	<10	124	<5	118	--	--
L01W 02+25N	5.21	0.2	25	180	<0.5	<2	0.42	<0.5	23	55	150	5.89	10	0.13	10	1.36	921	<1	0.01	46	1420	8	<5	32	0.39	<10	<10	141	<5	150	--	--
L01W 02+00N	4.77	0.2	15	140	<0.5	<2	0.40	<0.5	20	42	104	4.85	10	0.07	10	0.92	968	<1	0.01	30	950	10	<5	29	0.42	<10	<10	121	<5	142	--	--
L01W 01+75N	3.49	0.2	15	150	<0.5	<2	0.47	<0.5	22	56	86	5.01	10	0.08	10	1.08	919	<1	0.01	35	500	<2	<5	24	0.35	<10	<10	130	<5	112	--	--
L01W 01+50N	3.46	0.2	15	150	<0.5	<2	0.43	<0.5	22	38	104	4.94	<10	0.12	10	1.03	1096	<1	0.01	28	620	10	<5	19	0.26	<10	<10	116	<5	142	--	--
L01W 01+25N	3.50	0.2	15	150	<0.5	2	0.38	<0.5	17	38	48	4.98	10	0.07	10	0.61	586	<1	0.01	26	560	12	<5	23	0.21	<10	<10	109	<5	166	--	--
L01W 01+00N	4.78	0.2	10	200	<0.5	<2	0.26	<0.5	28	52	64	5.35	<10	0.16	10	0.81	555	<1	0.01	36	320	6	<5	16	0.31	<10	<10	120	<5	132	--	--
L01W 00+75N	3.54	0.2	30	120	<0.5	<2	0.32	<0.5	25	39	49	5.02	<10	0.05	10	0.69	1115	<1	0.01	28	520	8	<5	15	0.22	<10	<10	108	<5	152	--	--
L01W 00+50N	2.50	0.2	10	90	<0.5	<2	0.42	<0.5	14	30	44	3.23	<10	0.05	<10	0.52	1111	<1	<0.01	21	500	12	<5	16	0.17	<10	<10	85	<5	82	--	--
L01W 00+25N	3.13	0.2	20	130	<0.5	<2	0.32	<0.5	17	34	46	4.74	<10	0.05	10	0.68	595	<1	0.01	24	390	8	<5	20	0.25	<10	<10	126	<5	92	--	--
L01W 00+00 BL	nss	nss	nss	nss	nss	nss	nss	nss	nss	nss	nss	nss	nss	nss	nss	nss	nss	nss	nss	nss	nss	nss	nss	nss	nss	nss	nss	nss	nss	nss		
L01W 00+25S	3.46	0.2	20	170	<0.5	<2	0.42	<0.5	18	41	48	4.61	10	0.07	10	0.83	1515	<1	0.01	27	630	12	<5	24	0.30	<10	<10	118	<5	156	--	--
L01W 00+50S	4.50	0.2	5	240	<0.5	<2	0.55	<0.5	27	47	81	5.12	10	0.12	10	0.90	1178	<1	0.01	42	700	12	<5	25	0.27	<10	<10	122	<5	166	--	--
L01W 00+75S	4.79	0.2	5	210	<0.5	<2	0.34	<0.5	26	49	93	5.11	<10	0.12	10	0.97	1180	<1	0.01	46	640	10	<5	18	0.20	<10	<10	115	<5	138	--	--
L01W 01+00S	4.91	0.2	20	190	<0.5	<2	0.42	<0.5	25	51	82	5.42	<10	0.13	10	0.96	672	<1	0.01	45	700	8	<5	21	0.24	<10	<10	124	<5	152	--	--
L01W 01+25S	3.15	0.2	20	180	<0.5	2	0.51	<0.5	24	35	71	5.78	10	0.07	10	0.77	1597	1	0.01	29	1050	20	<5	29	0.22	<10	<10	130	<5	164	--	--
L01W 01+50S	3.59	0.2	30	140	<0.5	<2	0.40	<0.5	41	28	79	5.84	<10	0.07	10	0.67	1472	<1	<0.01	33	1440	16	<5	18	0.20	<10	<10	96	<5	174	--	--
L01W 01+75S	2.22	0.2	25	310	<0.5	<2	0.55	<0.5	34	18	45	4.39	<10	0.05	10	0.38	4503	<1	<0.01	19	2360	22	<5	24	0.12	<10	<10	75	<5	216	--	--
L01W 02+00S	3.70	0.2	25	260	<0.5	<2	0.48	<0.5	43	28	88	5.51	<10	0.08	10	0.62	2135	<1	0.01	33	2020	14	<5	23	0.18	<10	<10	84	<5	278	--	--
L01W 02+25S	4.02	0.2	20	470	<0.5	<2	0.35	<0.5	22	29	106	4.82	<10	0.08	10	0.49	4250	<1	<0.01	15	2930	18	<5	17	0.12	<10	<10	97	<5	234	--	--
L01W 02+50S	3.76	0.2	15	470	<0.5	<2	0.39	<0.5	20	30	134	4.97	<10	0.06	10	0.89	3470	<1	0.01	24	1980	22	<5	19	0.19	<10	<10	122	<5	160	--	--
L01W 02+75S	3.36	0.2	25	460	<0.5	<2	0.33	<0.5	23	28	126	4.51	<10	0.08	10	0.82	3190	<1	0.01	24	1220	16	<5	16	0.15	<10	<10	109	<5	144	--	--
L01W 03+00S	3.84	0.2	10	390	<0.5	<2	0.28	<0.5	23	44	94	4.42	<10	0.08	10	0.86	2190	<1	<0.01	38	850	4	<5	19	0.16	<10	<10	100	<5	146	--	--
L01W 03+25S	4.13	0.2	20	280	<0.5	<2	0.26	<0.5	24	49	124	5.15	<10	0.08	10	0.82	827	<1	0.01	43	570	14	<5	18	0.20	<10	<10	119	<5	138	--	--
L01W 03+50S	4.28	0.2	5	290	<0.5	<2	0.22	<0.5	24	51	122	5.20	10	0.09	10	0.89	911	<1	0.01	48	670	2	<5	19	0.21	<10	<10	121	<5	140	--	--
L01W 03+75S	3.89	0.2	5	370	<0.5	<2	0.16	<0.5	23	47	99	4.86	10	0.08	10	0.99	1302	<1	0.01	36	730	2	<5	22	0.18	<10	<10	112	<5	120	--	--

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CERTIFICATE OF ANALYSIS

TO : ROSSBACHER LABORATORY LIMITED

2225 SOUTH SPRINGER AVENUE
PLANAR, B.C.
V5B 3H1

CERT. # : A8621135-003-A
INVOICE # : I8621135
DATE : 11-DEC-86
P.O. # : NONE
V2408 RACK 4

Semi quantitative multi element ICP analysis

Nitric-Aqua-Regia digestion of 0.5 gm of material followed by ICP analysis. Since this digestion is incomplete for many minerals, values reported for Al, Sb, Ba, Be, Ca, Cr, Ga, La, Mg, K, Na, Sr, Tl, Ti, W and V can only be considered as semi-quantitative.

COMMENTS :
ATTN: PETER ROSSBACHER

Sample description	Al %	Ag ppm	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm		
L01W 04+00S	4.16	0.2	15	350	<0.5	<2	0.44	<0.5	21	43	85	4.62	<10	0.08	10	0.66	1463	<1	0.01	40	860	4	<5	24	0.22	<10	<10	111	<5	152	--	--
L01W 04+25S	3.39	0.2	10	170	<0.5	<2	0.27	<0.5	17	36	73	4.07	<10	0.06	10	0.90	667	<1	<0.01	28	270	4	<5	22	0.18	<10	<10	93	<5	92	--	--
L01W 04+50S	3.71	0.2	<5	210	<0.5	<2	0.32	<0.5	21	42	100	4.28	10	0.11	10	0.98	965	<1	0.01	33	570	2	<5	21	0.23	<10	<10	105	<5	106	--	--
L01W 04+75S	4.97	0.4	10	230	<0.5	<2	0.54	<0.5	21	50	151	5.09	<10	0.07	10	0.97	556	<1	0.01	39	660	8	<5	23	0.27	<10	<10	129	<5	116	--	--
L01W 05+00S	3.15	0.2	<5	250	<0.5	<2	0.36	<0.5	17	34	67	3.97	<10	0.08	10	0.58	1931	<1	0.01	27	1310	10	<5	22	0.20	<10	<10	95	<5	108	--	--
L01W 05+25S	2.82	0.2	10	210	<0.5	<2	0.50	<0.5	14	27	46	3.42	<10	0.04	10	0.56	2002	<1	0.01	21	1170	14	<5	22	0.22	<10	<10	88	<5	124	--	--
L01W 05+50S	3.21	0.2	<5	120	<0.5	<2	0.24	0.5	14	34	70	3.70	<10	0.03	<10	0.68	673	<1	<0.01	22	1020	4	<5	13	0.20	<10	<10	84	<5	102	--	--
L01W 05+75S	3.58	0.2	5	160	<0.5	<2	0.25	<0.5	17	38	73	4.47	<10	0.03	<10	0.71	735	<1	<0.01	27	790	4	<5	15	0.21	<10	<10	108	<5	118	--	--
L01W 06+00S	3.39	0.2	<5	140	<0.5	<2	0.28	<0.5	17	35	87	4.10	<10	0.05	10	0.78	782	<1	<0.01	25	760	4	<5	17	0.21	<10	<10	103	<5	110	--	--
L01W 06+25S	3.23	0.2	5	140	<0.5	<2	0.42	<0.5	15	33	69	3.65	10	0.05	10	0.55	1222	<1	0.01	23	1170	8	<5	22	0.23	<10	<10	94	<5	136	--	--
L01W 06+50S	2.33	0.3	15	110	<0.5	<2	0.27	<0.5	9	24	35	3.14	<10	0.02	<10	0.40	847	<1	<0.01	12	1690	4	<5	15	0.16	<10	<10	76	<5	96	--	--
L01W 06+75S	2.57	0.2	5	200	<0.5	<2	0.47	<0.5	19	30	84	3.91	<10	0.07	10	0.91	1645	<1	0.01	22	820	20	<5	16	0.17	<10	<10	95	<5	118	--	--
L01W 07+00S	2.35	0.2	10	110	<0.5	<2	0.23	<0.5	9	22	28	3.48	<10	0.04	<10	0.32	1067	<1	<0.01	10	1940	6	<5	11	0.15	<10	<10	89	<5	80	--	--
L01W 07+25S	3.33	0.2	15	130	<0.5	<2	0.58	<0.5	19	55	97	4.24	10	0.06	10	1.08	769	<1	0.02	35	810	4	<5	21	0.28	<10	<10	123	<5	92	--	--
L02W 02+00N	0.93	0.1	5	30	<0.5	<2	0.31	<0.5	2	11	10	1.69	<10	0.01	<10	0.14	259	<1	<0.01	5	230	2	<5	20	0.19	<10	<10	64	<5	32	--	--
L02W 01+75N	2.37	0.2	<5	100	0.5	<2	0.28	<0.5	15	26	56	3.51	<10	0.06	<10	0.60	734	<1	<0.01	17	570	2	<5	12	0.15	<10	<10	76	<5	92	--	--
L02W 01+50N	2.16	0.2	5	120	<0.5	<2	0.24	<0.5	17	35	78	4.03	<10	0.05	10	0.79	677	<1	<0.01	25	460	4	<5	15	0.21	<10	<10	91	<5	96	--	--
L02W 01+25N	3.07	0.2	30	140	<0.5	<2	0.30	<0.5	23	29	101	4.44	<10	0.10	10	0.90	1074	<1	<0.01	25	530	10	<5	12	0.17	<10	<10	92	<5	126	--	--
L02W 01+00N	2.92	0.2	10	110	<0.5	<2	0.94	<0.5	17	33	62	3.69	<10	0.04	10	0.66	672	<1	0.01	26	710	8	<5	20	0.15	<10	<10	89	<5	114	--	--
L02W 00+75N	1.31	0.2	<5	80	<0.5	<2	1.69	<0.5	8	16	34	1.70	10	0.03	<10	0.30	2088	1	<0.01	12	600	32	<5	25	0.08	<10	<10	41	<5	70	--	--
L02W 00+50N	2.16	0.1	20	70	<0.5	<2	0.30	<0.5	17	35	41	5.01	10	0.03	<10	0.59	804	<1	<0.01	18	300	6	<5	16	0.22	<10	<10	139	<5	78	--	--
L02W 00+25N	3.56	0.2	20	110	<0.5	<2	0.29	<0.5	17	40	69	4.64	<10	0.04	10	0.85	694	<1	0.01	28	480	6	<5	17	0.26	<10	<10	115	<5	100	--	--
L02W 00+00 BL	2.56	0.1	5	120	<0.5	<2	0.27	<0.5	12	31	56	3.35	<10	0.03	<10	0.65	974	<1	<0.01	23	830	12	<5	15	0.19	<10	<10	82	<5	82	--	--
L02W 00+25S	3.12	0.2	15	150	<0.5	<2	0.25	<0.5	18	44	95	4.32	<10	0.06	10	0.82	867	<1	0.01	31	900	6	<5	16	0.23	<10	<10	106	<5	118	--	--
L02W 00+50S	4.56	0.2	20	170	<0.5	<2	0.29	<0.5	23	53	116	5.30	<10	0.07	10	1.18	772	<1	0.01	41	490	8	<5	21	0.27	<10	<10	127	<5	132	--	--
L02W 00+75S	1.80	0.2	5	90	<0.5	<2	0.32	<0.5	10	27	21	3.74	<10	0.03	<10	0.54	456	<1	<0.01	14	170	10	<5	21	0.18	<10	<10	104	<5	68	--	--
L02W 01+00S	4.46	0.2	20	150	<0.5	<2	0.28	<0.5	28	51	115	5.00	<10	0.07	10	1.11	525	<1	0.01	39	230	6	<5	22	0.26	<10	<10	119	<5	98	--	--
L02W 01+25S	3.18	0.2	10	160	<0.5	<2	0.25	<0.5	20	42	60	5.15	<10	0.06	10	0.44	1900	<1	0.01	30	490	12	<5	17	0.16	<10	<10	107	<5	160	--	--
L02W 01+50S	3.71	0.2	15	200	<0.5	<2	0.32	<0.5	28	42	60	5.53	<10	0.05	<10	0.76	1468	<1	0.01	38	530	14	<5	16	0.19	<10	<10	106	<5	172	--	--
L02W 01+75S	3.20	0.2	20	200	<0.5	<2	0.51	<0.5	20	37	49	4.40	10	0.09	10	0.73	1927	1	0.01	28	720	18	<5	24	0.22	<10	<10	104	<5	142	--	--
L02W 02+00S	3.17	0.2	20	270	<0.5	<2	0.32	<0.5	21	41	75	4.59	<10	0.07	10	0.83	1319	<1	0.01	35	570	4	<5	22	0.19	<10	<10	112	<5	124	--	--
L02W 02+25S	3.27	0.2	20	210	<0.5	<2	0.30	<0.5	21	40	59	4.39	<10	0.06	10	0.69	1453	<1	<0.01	33	450	8	<5	18	0.18	<10	<10	101	<5	192	--	--
L02W 02+50S	5.19	0.2	30	250	<0.5	<2	0.54	<0.5	25	48	115	4.92	<10	0.08	10	1.09	1150	<1	0.01	38	580	6	<5	21	0.24	<10	<10	122	<5	138	--	--
L02W 02+75S	3.04	0.2	30	320	<0.5	<2	0.55	<0.5	24	42	105	4.53	<10	0.10	10	1.04	1242	<1	0.01	34	670	6	<5	21	0.23	<10	<10	112	<5	116	--	--
L02W 03+00S	3.67	0.2	25	260	<0.5	2	0.54	<0.5	29	36	107	4.13	<10	0.08	10	0.89	2287	<1	<0.01	31	750	22	<5	23	0.19	<10	<10	94	<5	142	--	--
L02W 03+25S	3.67	0.2	25	240	<0.5	<2	0.32	<0.5	24	35	94	5.23	<10	0.10	10	0.85	1176	<1	<0.01	31	780	10	<5	15	0.22	<10	<10	125	<5	162	--	--
L02W 03+50S	2.22	0.2	20	490	<0.5	<2	0.64	<0.5	24	22	60	3.83	<10	0.06	10	0.57	6094	<1	<0.01	19	1370	28	<5	19	0.15	<10	<10	87	<5	188	--	--
L02W 03+75S	2.61	0.2	20	310	<0.5	<2	0.48	<0.5	20	31	73	3.90	<10	0.06	10	0.72	2642	<1	<0.01	25	730	20	<5	17	0.17	<10	<10	93	<5	132	--	--
L02W 04+00S	3.44	0.2	20	290	<0.5	<2	0.27	<0.5	31	29	108	4.70	<10	0.05	10	0.50	726	<1	<0.01	20	420	4	<5	11	0.19	<10	<10	136	<5	114	--	--
L02W 04+25S	4.27	0.4	20	190	<0.5	<2	0.24	<0.5	22	31	124	5.63	10	0.05	10	0.48	581	<1	<0.01	28	470	14	<5	14	0.13	<10	<10	153	<5	144	--	--

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Certified by .....

CHEMEX LABS LTD.

212 BROOKSBANK AVE
NORTH VANCOUVER, B.C.
CANADA V7J 2C1

TELEPHONE: (604) 984-0221
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• ANALYTICAL CHEMISTS • GEOCHEMISTS • REGISTERED ASSAYERS

CERTIFICATE OF ANALYSIS

TO : FOSSBACHER LABORATORY LIMITED

1205 SOUTH SPRINGER AVENUE
BURNABY, B.C.
V5B 2R1

CERT. # : A8621135-004-A
INVOICE # : I8621135
DATE : 11-DEC-86
P.O. # : NONE
QUOTE #

Semi quantitative multi element ICP analysis

Nitric-Aqua-Regia digestion of 0.5 gm of material followed by ICP analysis. Since this digestion is incomplete for many minerals, values reported for Al, Sb, Ba, Be, Ca, Cr, Ga, La, Mg, K, Na, Sr, Ti, Tl, W and V can only be considered as semi-quantitative.

COMMENTS :

ATTN: PETER FOSSBACHER

Sample	Al %	Ag ppm	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm		
L02W 04+50S	4.06	0.2	15	370	<0.5	<2	0.51	<0.5	24	24	72	4.46	10	0.09	10	0.45	2567	<1	0.01	16	1020	14	<5	18	0.11	<10	<10	109	<5	236	--	--
L02W 04+75S	3.77	0.2	15	280	<0.5	<2	0.30	<0.5	18	33	96	4.23	<10	0.08	10	0.67	893	<1	<0.01	28	500	8	<5	17	0.19	<10	<10	110	<5	146	--	--
L02W 05+00S	4.42	0.4	15	270	<0.5	<2	0.31	<0.5	24	49	156	4.92	<10	0.09	10	1.08	686	<1	0.01	42	420	6	<5	26	0.28	<10	<10	125	<5	114	--	--
L02W 05+25S	3.98	0.2	15	420	<0.5	<2	0.46	<0.5	14	22	32	3.02	<10	0.05	10	0.50	2790	<1	0.01	19	720	12	<5	27	0.22	<10	<10	89	<5	156	--	--
L02W 05+50S	3.81	0.2	15	290	<0.5	<2	0.45	<0.5	11	40	109	4.73	<10	0.08	10	0.90	1540	<1	0.01	34	620	14	<5	22	0.26	<10	<10	127	<5	134	--	--
L02W 05+75S	3.65	0.2	15	320	<0.5	<2	0.47	<0.5	22	35	106	4.56	<10	0.10	10	0.80	1881	<1	0.01	31	740	14	<5	22	0.20	<10	<10	114	<5	148	--	--
L02W 06+00S	3.48	0.4	25	230	<0.5	<2	0.47	<0.5	22	42	120	4.86	10	0.09	10	1.03	1101	<1	0.01	32	650	8	5	23	0.29	<10	<10	134	<5	130	--	--
L02W 06+25S	3.11	0.2	20	180	<0.5	<2	0.38	<0.5	19	40	101	4.52	<10	0.07	10	1.03	920	<1	0.01	29	480	6	<5	16	0.26	<10	<10	118	<5	106	--	--
L02W 06+50S	3.48	0.2	25	250	<0.5	<2	0.49	<0.5	21	42	113	4.05	<10	0.08	10	0.97	1121	<1	0.01	32	540	10	<5	24	0.28	<10	<10	126	<5	120	--	--
L02W 06+75S	3.37	0.4	20	250	<0.5	<2	0.45	<0.5	18	36	103	4.28	<10	0.10	10	0.85	1110	<1	0.01	29	670	6	<5	23	0.23	<10	<10	113	<5	122	--	--
L02W 07+00S	3.40	0.2	15	190	<0.5	<2	0.49	<0.5	17	38	88	4.29	10	0.06	10	0.79	1201	<1	0.01	26	1450	12	<5	21	0.27	<10	<10	116	<5	128	--	--
L02W 07+25S	3.64	0.4	15	160	<0.5	<2	0.42	<0.5	21	64	114	4.18	<10	0.06	10	1.16	723	<1	0.01	41	650	8	<5	19	0.28	<10	<10	121	<5	96	--	--
L02W 07+50S	2.52	<0.2	15	140	<0.5	<2	0.71	<0.5	17	47	66	3.89	<10	0.06	10	1.02	769	<1	0.02	31	610	14	<5	20	0.24	<10	<10	107	<5	96	--	--
L03W 04+00N	3.31	0.2	20	90	<0.5	<2	0.32	<0.5	16	35	69	4.62	<10	0.03	<10	0.57	551	<1	<0.01	24	460	6	<5	18	0.27	<10	<10	169	<5	94	--	--
L03W 03+75N	3.13	<0.2	15	80	<0.5	<2	0.23	<0.5	9	37	50	4.72	<10	0.01	<10	0.54	279	<1	<0.01	19	810	6	<5	17	0.25	<10	<10	120	<5	84	--	--
L03W 03+50N	3.13	<0.2	15	80	<0.5	<2	0.23	<0.5	9	36	50	4.71	<10	0.02	<10	0.54	286	<1	<0.01	19	810	6	<5	19	0.26	<10	<10	120	<5	86	--	--
L03W 03+25N	4.00	0.4	20	140	<0.5	<2	0.30	<0.5	24	45	65	4.78	10	0.04	10	0.75	405	<1	0.01	30	420	10	<5	22	0.30	<10	<10	139	<5	100	--	--
L03W 03+00N	2.79	0.4	10	110	<0.5	<2	0.30	<0.5	22	34	62	3.52	<10	0.05	<10	0.73	943	<1	<0.01	25	450	72	<5	18	0.22	<10	<10	91	<5	82	--	--
L03W 02+75N	2.77	0.4	15	70	<0.5	<2	0.22	<0.5	9	32	48	3.33	<10	0.05	<10	0.60	639	<1	<0.01	20	560	10	<5	16	0.18	<10	<10	83	<5	70	--	--
L03W 02+50N	3.02	0.2	15	120	<0.5	<2	0.39	<0.5	16	41	60	3.80	<10	0.06	10	0.79	820	<1	0.01	26	640	6	<5	23	0.25	<10	<10	98	<5	92	--	--
L03W 02+25N	2.86	0.2	20	120	<0.5	<2	0.33	<0.5	13	34	39	4.08	<10	0.06	10	0.65	342	<1	0.01	24	230	10	<5	23	0.24	<10	<10	117	<5	86	--	--
L03W 02+00N	4.17	0.4	5	150	<0.5	<2	0.25	<0.5	24	38	107	2.99	<10	0.06	20	0.51	1067	<1	0.01	29	570	12	<5	15	0.14	<10	<10	66	<5	72	--	--
L03W 01+75N	3.83	0.6	20	140	<0.5	<2	0.35	<0.5	17	40	45	4.89	<10	0.06	<10	0.76	471	<1	<0.01	31	350	10	5	18	0.21	<10	<10	113	<5	152	--	--
L03W 01+50N	3.00	0.4	25	130	<0.5	<2	0.28	<0.5	25	35	55	3.79	<10	0.06	10	0.70	1203	<1	<0.01	25	510	6	<5	17	0.18	<10	<10	92	<5	94	--	--
L03W 01+25N	2.72	<0.2	20	150	<0.5	<2	0.22	<0.5	9	34	22	4.74	<10	0.06	<10	0.39	1745	<1	<0.01	14	1830	14	<5	19	0.18	<10	<10	110	<5	98	--	--
L03W 01+00N	1.76	<0.2	20	120	<0.5	<2	0.31	<0.5	8	26	13	3.28	<10	0.04	<10	0.42	589	<1	<0.01	12	280	8	<5	24	0.18	<10	<10	96	<5	68	--	--
L03W 00+75N	2.80	<0.2	25	410	<0.5	<2	0.54	<0.5	15	32	42	4.73	<10	0.07	10	0.73	412	<1	<0.01	23	220	10	<5	22	0.16	<10	<10	105	<5	114	--	--
L03W 00+50N	2.92	0.2	25	120	<0.5	<2	0.27	<0.5	13	38	38	4.82	<10	0.06	10	0.74	714	<1	<0.01	23	610	10	<5	20	0.19	<10	<10	108	<5	118	--	--
L03W 00+25N	3.10	0.2	20	120	<0.5	<2	0.28	<0.5	18	47	65	4.76	<10	0.06	<10	0.83	514	<1	0.01	32	560	6	<5	19	0.23	<10	<10	118	<5	96	--	--
L03W 00+00 BL	3.82	0.2	20	110	<0.5	<2	0.32	<0.5	15	43	73	4.24	<10	0.06	<10	0.78	595	<1	<0.01	28	810	8	<5	19	0.21	<10	<10	101	<5	96	--	--
L03W 00+25S	3.89	<0.2	25	140	<0.5	<2	0.28	<0.5	14	45	59	4.52	<10	0.10	<10	0.68	951	<1	<0.01	24	3790	6	<5	18	0.19	<10	<10	108	<5	116	--	--
L03W 00+50S	4.17	0.6	10	150	<0.5	<2	0.29	<0.5	21	50	107	4.58	<10	0.07	<10	0.79	1016	<1	<0.01	32	1250	8	<5	20	0.20	<10	<10	107	<5	106	--	--
L03W 00+75S	4.25	0.6	10	150	<0.5	<2	0.27	0.5	22	48	76	4.37	<10	0.09	10	0.84	1521	<1	<0.01	33	700	8	<5	17	0.22	<10	<10	103	<5	122	--	--
L01W 01+00S	2.14	0.2	15	130	<0.5	<2	0.21	<0.5	14	29	23	3.24	<10	0.04	<10	0.64	319	<1	<0.01	20	440	6	<5	19	0.19	<10	<10	76	<5	94	--	--
L01W 01+25S	4.09	0.2	25	180	<0.5	<2	0.51	<0.5	21	51	108	4.26	<10	0.08	10	0.81	1006	<1	0.01	34	1170	6	<5	22	0.21	<10	<10	111	<5	108	--	--
L03W 01+50S	3.24	0.4	25	150	<0.5	<2	0.54	<0.5	22	40	85	4.52	<10	0.09	10	0.97	1015	<1	0.01	30	580	6	<5	21	0.24	<10	<10	106	<5	122	--	--
L03W 01+75S	3.00	<0.2	15	140	<0.5	<2	0.21	<0.5	13	38	57	3.32	<10	0.09	<10	0.69	456	<1	<0.01	28	750	4	<5	14	0.18	<10	<10	82	<5	96	--	--
L03W 02+00S	2.61	<0.2	10	170	<0.5	<2	0.23	<0.5	13	36	68	3.06	<10	0.07	<10	0.72	526	<1	<0.01	25	280	10	<5	15	0.20	<10	<10	79	<5	66	--	--
L03W 02+25S	3.73	0.4	20	240	<0.5	<2	0.48	<0.5	24	54	114	4.37	<10	0.12	10	1.15	1054	<1	0.01	39	550	12	<5	21	0.26	<10	<10	122	<5	114	--	--
L03W 02+50S	4.27	<0.2	25	310	<0.5	<2	0.27	<0.5	20	52	88	4.59	<10	0.11	<10	1.13	750	<1	0.01	28	510	10	<5	22	0.22	<10	<10	112	<5	112	--	--

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Certified by .B. Fraser.....

CHEMEX LABS LTD.

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• ANALYTICAL CHEMISTS • GEOCHEMISTS • REGISTERED ASSAYERS

CERTIFICATE OF ANALYSIS

TO : ROSSBACHER LABORATORY LIMITED

2225 SOUTH SPRINGER AVENUE
BURNABY, B.C.
V5B 3N1

CERT. # : A86...5-665-A
INVOICE # : I86...5
DATE : 11-DEC-86
P.O. # : NONE
V240B ...

Semi quantitative multi element ICP analysis

Nitric-Aqua-Regia digestion of 0.5 gm of material followed by ICP analysis. Since this digestion is incomplete for many minerals, values reported for Al, Sb, Ba, Be, Ca, Cr, Ga, La, Hg, K, Na, Sr, Tl, Ti, W and V can only be considered as semi-quantitative.

COMMENTS :
ATTN: PETER ROSSBACHER

Sample description	Al %	Ag ppm	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm		
L03W 03+75S	3.68	<0.2	15	280	<0.5	<2	0.31	<0.5	17	46	64	4.34	<10	0.07	<10	0.90	1650	<1	<0.01	33	540	10	<5	20	0.22	<10	<10	101	<5	130	--	--
L03W 03+00S	4.38	<0.2	20	230	<0.5	<2	0.27	<0.5	26	50	87	4.49	<10	0.08	10	0.88	1680	<1	<0.01	43	540	8	<5	16	0.22	<10	<10	105	<5	152	--	--
L03W 03+25S	5.36	<0.2	30	190	<0.5	<2	0.22	<0.5	20	55	114	5.14	<10	0.15	10	0.63	[illegible]	<1	0.01	41	410	3	<5	15	0.21	<10	<10	133	<5	176	--	--
L03W 04+00S	3.77	<0.2	35	1070	<0.5	<2	0.33	<0.5	40	23	125	5.42	<10	0.15	[illegible]	0.95	[illegible]	<1	0.01	20	770	22	<5	22	0.07	<10	<10	154	<5	252	--	--
L03W 04+25S	3.47	<0.2	35	370	<0.5	<2	0.23	<0.5	19	43	90	4.05	<10	0.11	[illegible]	0.88	[illegible]	<1	<0.01	25	[illegible]	20	<5	14	0.22	<10	<10	131	<5	136	--	--
L03W 04+50S	3.66	<0.2	25	330	<0.5	<2	0.24	<0.5	22	40	127	4.46	<10	0.10	10	0.71	1157	<1	<0.01	25	600	12	<5	11	0.14	<10	<10	115	<5	138	--	--
L03W 04+75S	4.31	<0.2	<5	430	<0.5	<2	0.36	1.0	24	43	140	5.29	10	0.11	10	0.81	1451	<1	<0.01	33	970	6	<5	15	0.16	<10	<10	119	<5	182	--	--
L03W 05+00S	4.84	<0.2	10	470	<0.5	<2	0.27	0.5	28	50	196	5.84	10	0.10	10	1.06	1305	<1	0.01	40	860	4	<5	14	0.17	<10	<10	139	<5	160	--	--
L03W 05+25S	4.05	<0.2	10	540	<0.5	<2	0.31	0.5	31	40	154	5.70	10	0.10	10	0.94	2235	<1	<0.01	30	350	12	<5	16	0.15	<10	<10	140	<5	162	--	--
L03W 05+50S	3.46	<0.2	5	310	<0.5	<2	0.34	<0.5	17	46	126	4.30	20	0.06	10	0.98	865	<1	0.01	31	480	4	<5	25	0.26	<10	<10	114	<5	86	--	--
L03W 05+75S	2.83	<0.2	5	280	<0.5	<2	0.35	0.5	18	40	128	4.31	10	0.07	10	0.34	[illegible]	<1	0.01	23	660	4	<5	14	0.20	<10	<10	109	<5	94	--	--
L03W 06+00S	3.45	<0.2	<5	280	<0.5	<2	0.31	0.5	18	45	144	4.63	10	0.05	10	0.97	757	<1	<0.01	35	780	<2	<5	13	0.20	<10	<10	110	<5	100	--	--
L03W 06+25S	3.96	<0.2	5	260	<0.5	<2	0.29	0.5	18	45	125	4.62	10	0.06	10	0.88	1315	<1	<0.01	31	810	6	<5	15	0.18	<10	<10	110	<5	126	--	--
L03W 06+50S	2.09	<0.2	<5	130	<0.5	<2	0.23	<0.5	7	24	38	2.60	10	0.03	<10	0.43	465	<1	<0.01	14	1060	4	<5	10	0.11	<10	<10	70	<5	96	--	--
L03W 06+75S	3.42	<0.2	<5	130	<0.5	<2	0.20	0.5	17	40	123	4.22	10	0.06	[illegible]	0.32	[illegible]	<1	<0.01	22	740	<2	<5	13	0.22	<10	<10	107	<5	94	--	--
L03W 07+00S	2.86	<0.2	<5	200	<0.5	<2	0.33	0.5	15	40	113	4.14	10	0.07	[illegible]	0.92	[illegible]	<1	0.01	20	750	2	<5	13	0.18	<10	<10	104	<5	100	--	--
L03W 07+25S	3.14	<0.2	5	150	<0.5	<2	0.56	0.5	17	39	81	3.53	10	0.08	10	1.00	551	<1	0.01	28	710	3	<5	17	0.15	<10	<10	100	<5	100	--	--
L04W 04+00N	1.61	<0.2	<5	50	<0.5	<2	0.14	<0.5	6	26	24	3.79	10	0.02	<10	0.34	194	<1	<0.01	10	520	6	<5	10	0.12	<10	<10	93	<5	52	--	--
L04W 03+75N	3.36	<0.2	<5	70	<0.5	<2	0.14	0.5	10	36	84	4.23	10	0.03	<10	0.62	326	<1	<0.01	19	650	4	<5	11	0.16	<10	<10	99	<5	64	--	--
L04W 03+50N	3.84	<0.2	<5	80	<0.5	<2	0.22	0.5	11	39	81	4.67	10	0.04	10	0.62	361	<1	<0.01	19	1250	4	<5	18	0.21	<10	<10	109	<5	70	--	--
L04W 03+25N	3.00	<0.2	<5	70	<0.5	<2	0.25	0.5	13	32	62	4.25	10	0.02	<10	0.64	466	<1	<0.01	17	530	8	<5	10	0.16	<10	<10	94	<5	94	--	--
L04W 03+00N	3.67	<0.2	<5	70	<0.5	<2	0.23	1.0	15	39	75	4.52	10	0.03	<10	0.70	687	<1	<0.01	22	550	<2	<5	6	0.20	<10	<10	110	<5	76	--	--
L04W 02+75N	3.41	<0.2	<5	60	<0.5	<2	0.21	0.5	11	35	84	4.25	10	0.02	[illegible]	0.58	401	<1	<0.01	13	[illegible]	2	<5	3	0.16	<10	<10	95	<5	70	--	--
L04W 02+50N	3.78	<0.2	<5	70	<0.5	<2	0.12	<0.5	13	41	92	4.43	10	0.03	<10	0.74	668	<1	<0.01	24	1100	10	<5	9	0.18	<10	<10	100	<5	72	--	--
L04W 02+25N	3.42	<0.2	<5	60	<0.5	<2	0.13	0.5	13	40	31	4.11	10	0.03	<10	0.74	[illegible]	<1	<0.01	23	720	6	<5	11	0.20	<10	<10	93	<5	74	--	--
L04W 02+00N	3.93	<0.2	<5	110	<0.5	<2	0.18	0.5	17	42	95	4.37	10	0.04	<10	0.85	1032	<1	<0.01	26	900	8	<5	12	0.20	<10	<10	97	<5	84	--	--
L04W 01+75N	4.32	<0.2	<5	120	<0.5	<2	0.24	0.5	17	45	65	4.45	10	0.04	[illegible]	0.85	[illegible]	<1	[illegible]	23	790	4	<5	12	0.20	<10	<10	100	<5	92	--	--
L04W 01+50N	3.27	<0.2	15	110	<0.5	<2	0.13	<0.5	13	37	67	4.34	10	0.05	<10	0.75	1118	<1	<0.01	26	350	10	<5	20	0.15	<10	<10	90	<5	98	--	--
L04W 01+25N	3.23	<0.2	15	140	<0.5	<2	0.33	<0.5	13	37	130	4.35	10	0.09	[illegible]	1.00	[illegible]	<1	[illegible]	25	370	3	<5	16	0.20	<10	<10	99	<5	114	--	--
L04W 01+00N	3.35	<0.2	15	140	<0.5	<2	0.41	<0.5	20	41	106	4.53	10	0.11	10	1.08	947	<1	0.01	31	650	4	<5	22	0.24	<10	<10	108	<5	116	--	--
L04W 00+75N	2.94	<0.2	<5	120	<0.5	<2	0.24	0.5	19	36	94	4.39	10	0.23	10	0.96	[illegible]	<1	<0.01	28	650	2	<5	10	0.17	<10	<10	92	<5	100	--	--
L04W 00+50N	3.50	<0.2	<5	150	<0.5	<2	0.19	0.5	19	35	66	4.52	10	0.05	<10	0.63	532	<1	<0.01	23	430	2	<5	11	0.17	<10	<10	102	<5	94	--	--
L04W 00+25N	3.35	<0.2	25	130	<0.5	<2	0.26	<0.5	20	36	106	4.55	10	0.09	[illegible]	0.95	[illegible]	<1	0.01	27	[illegible]	1	<5	12	0.17	<10	<10	94	<5	110	--	--
L04W 00+00 BL	3.67	<0.2	5	140	<0.5	<2	0.22	<0.5	19	46	87	5.18	10	0.07	[illegible]	1.01	[illegible]	<1	0.01	24	420	3	<5	15	0.17	<10	<10	107	<5	100	--	--
L04W 00+25S	4.05	<0.2	<5	170	<0.5	<2	[illegible]	0.5	25	32	82	4.19	10	0.15	[illegible]	0.52	[illegible]	<1	0.01	23	300	34	<5	25	0.15	<10	<10	81	<5	120	--	--
L04W 00+75S	3.06	<0.2	<5	180	<0.5	<2	0.55	0.5	23	36	115	4.38	10	0.10	10	0.88	1163	<1	0.01	27	650	4	<5	33	0.24	<10	<10	110	<5	100	--	--
L04W 01+00S	3.61	<0.2	5	230	<0.5	<2	0.44	0.5	22	35	120	4.53	10	0.09	10	0.85	[illegible]	<1	0.01	29	560	2	<5	37	0.27	<10	<10	110	<5	92	--	--
L04W 01+25S	3.79	<0.2	5	250	<0.5	<2	0.23	0.5	25	50	121	5.08	10	0.08	10	1.15	953	<1	0.01	35	570	2	<5	23	0.24	<10	<10	118	<5	96	--	--
L04W 01+50S	[illegible]	<0.2	5	[illegible]	<0.5	<2	0.23	<0.5	19	37	77	4.24	10	[illegible]	[illegible]	0.85	[illegible]	<1	0.01	[illegible]	460	4	<5	17	[illegible]	<10	<10	91	<5	104	--	--
L04W 01+75S	4.27	<0.2	<5	150	<0.5	<2	[illegible]	0.5	19	50	86	4.25	10	0.07	[illegible]	1.13	[illegible]	<1	0.01	33	[illegible]	2	<5	27	[illegible]	<10	<10	103	<5	106	--	--

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[illegible] [signature]

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CERTIFICATE OF ANALYSIS

TO : ROSSBACHER LABORATORY LIMITED
2225 SOUTH SPRINGER AVENUE
BURNABY, B.C.
V5B 3N1

CERT. # : A862..35-006-A
INVOICE # : I862..35
DATE : 11-DEC-86
P.O. # : NONE
V240B RACK 4

Semi quantitative multi element ICP analysis

Nitric-Aqua-Regia digestion of 0.5 gm of material followed by ICP analysis. Since this digestion is incomplete for many minerals, values reported for Al, Sb, Ba, Be, Ca, Cr, Ga, La, Mg, K, Na, Sr, Tl, Ti, W and V can only be considered as semi-quantitative.

COMMENTS :
ATTN: PETER ROSSBACHER

Sample description	Al %	Ag ppm	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm		
L04W 02+00S	3.43	<0.2	<5	250	<0.5	<2	0.56	1.0	17	40	83	4.24	10	0.10	10	0.95	1427	<1	0.01	28	450	6	<5	33	0.22	<10	<10	99	<5	110	--	--
L04W 02+25S	3.28	<0.2	<5	170	<0.5	<2	0.58	1.0	22	42	101	4.52	10	0.11	10	1.05	977	<1	0.01	32	620	<2	<5	28	0.27	<10	<10	105	<5	104	--	--
L04W 02+50S	3.60	<0.2	<5	190	<0.5	<2	0.75	0.5	22	48	115	5.08	20	0.12	10	1.13	[illegible]	<1	0.02	32	750	4	<5	33	0.40	<10	<10	126	<5	114	--	--
L04W 02+75S	3.42	<0.2	<5	190	<0.5	<2	0.38	0.5	23	44	100	4.54	20	0.11	10	0.97	1200	<1	0.01	30	610	5	<5	23	0.21	<10	<10	114	<5	106	--	--
L04W 03+00S	5.56	<0.2	<5	200	<0.5	<2	0.31	1.0	27	45	153	5.76	20	0.11	10	0.66	[illegible]	<1	0.01	36	460	2	<5	25	0.22	<10	<10	123	<5	148	--	--
L04W 03+25S	3.65	<0.2	<5	270	<0.5	<2	0.64	1.0	23	43	96	4.55	10	0.12	10	0.85	2425	<1	0.01	31	850	12	<5	33	0.25	<10	<10	105	<5	150	--	--
L04W 03+50S	4.37	<0.2	<5	340	<0.5	<2	0.48	1.0	26	45	111	4.74	10	0.13	10	0.82	2639	<1	0.01	39	1430	8	<5	27	0.21	<10	<10	100	<5	262	--	--
L04W 03+75S	4.94	<0.2	<5	310	<0.5	<2	0.49	0.5	25	62	149	5.67	20	0.14	10	1.10	1415	<1	0.01	43	890	8	<5	27	0.40	<10	<10	141	<5	158	--	--
L04W 04+00S	3.94	<0.2	<5	210	<0.5	<2	0.51	0.5	23	48	119	5.11	20	0.11	10	0.59	1211	<1	0.01	35	640	4	<5	27	0.34	<10	<10	123	<5	132	--	--
L04W 04+25S	3.52	<0.2	10	230	<0.5	<2	0.37	<0.5	18	38	87	4.26	20	0.09	10	0.69	1068	<1	0.01	28	490	6	<5	22	0.28	<10	<10	112	<5	139	--	--
L04W 04+50S	3.73	<0.2	<5	250	<0.5	<2	0.43	0.5	21	42	96	4.35	20	0.10	10	0.91	1229	<1	0.01	33	400	2	<5	31	0.26	<10	<10	115	<5	138	--	--
L04W 04+75S	4.06	<0.2	<5	190	<0.5	<2	0.30	0.5	18	44	115	4.82	20	0.08	10	0.82	722	<1	0.01	32	560	6	<5	25	0.26	<10	<10	118	<5	120	--	--
L04W 05+00S	3.40	<0.2	<5	230	<0.5	<2	0.44	0.5	18	40	105	4.36	20	0.08	10	0.84	1343	<1	0.01	31	580	8	<5	23	0.27	<10	<10	112	<5	120	--	--
L04W 05+25S	3.94	<0.2	5	230	<0.5	<2	0.42	0.5	18	43	108	4.47	10	0.08	10	0.88	1059	<1	0.01	31	670	8	<5	21	0.24	<10	<10	111	<5	118	--	--
L04W 05+50S	4.12	<0.2	<5	200	<0.5	<2	0.36	0.5	18	43	109	4.37	20	0.08	10	0.84	1186	<1	0.01	30	1110	14	<5	20	0.26	<10	<10	112	<5	120	--	--
L04W 05+75S	3.76	<0.2	<5	230	<0.5	<2	0.51	0.5	22	47	177	5.09	20	0.11	10	1.09	1214	<1	0.01	34	730	6	<5	28	0.27	<10	<10	136	<5	112	--	--
L04W 06+00S	3.46	<0.2	5	330	<0.5	<2	0.70	0.5	20	27	150	4.55	10	0.09	10	1.00	[illegible]	<1	0.01	25	550	14	<5	22	0.21	<10	<10	118	<5	106	--	--
L04W 06+25S	2.30	<0.2	<5	110	<0.5	<2	0.39	<0.5	10	21	33	2.63	10	0.04	10	0.50	476	<1	0.01	11	570	2	<5	23	0.20	<10	<10	74	<5	88	--	--
L04W 06+50S	3.25	<0.2	<5	160	<0.5	<2	0.34	0.5	17	36	97	4.01	10	0.05	10	0.79	910	<1	0.01	23	1140	4	<5	25	0.23	<10	<10	97	<5	110	--	--
L04W 06+75S	3.33	<0.2	<5	210	<0.5	<2	0.42	0.5	26	52	126	4.92	10	0.11	30	1.48	1712	<1	0.01	35	970	4	<5	19	0.15	<10	<10	89	<5	106	--	--
L04W 07+00S	3.27	<0.2	<5	230	<0.5	<2	0.55	0.5	22	45	163	4.99	10	0.11	20	1.12	1424	<1	0.01	31	560	4	<5	23	0.29	<10	<10	124	<5	96	--	--
L05W 04+00N	3.25	<0.2	<5	120	<0.5	<2	0.26	0.5	22	37	63	4.32	20	0.06	10	0.74	740	<1	0.01	25	480	2	<5	22	0.24	<10	<10	117	<5	96	--	--
L05W 03+75N	4.07	<0.2	<5	90	<0.5	<2	0.25	0.5	14	41	92	4.69	20	0.05	10	0.76	[illegible]	<1	0.01	22	540	3	<5	22	0.27	<10	<10	119	<5	74	--	--
L05W 03+50N	3.23	<0.2	<5	90	<0.5	<2	0.29	<0.5	11	33	80	3.93	20	0.05	10	0.62	373	<1	0.01	20	700	6	<5	21	0.24	<10	<10	109	<5	70	--	--
L05W 03+25N	4.06	<0.2	<5	120	<0.5	<2	0.25	<0.5	16	47	85	4.39	20	0.07	10	0.74	611	<1	0.01	27	930	4	<5	25	0.25	<10	<10	106	<5	90	--	--
L05W 03+00N	3.91	<0.2	5	130	<0.5	<2	0.29	<0.5	17	47	67	4.72	20	0.07	10	0.83	708	<1	0.01	29	870	4	<5	26	0.26	<10	<10	115	<5	86	--	--
L05W 02+75N	3.74	<0.2	<5	110	<0.5	<2	0.23	0.5	16	45	54	5.12	20	0.05	10	0.54	[illegible]	<1	<0.01	27	920	4	<5	22	0.25	<10	<10	125	<5	86	--	--
L05W 02+50N	4.22	<0.2	5	100	<0.5	<2	0.27	0.5	15	52	36	5.40	20	0.08	10	0.99	[illegible]	<1	0.01	30	1500	4	5	25	0.27	<10	<10	115	<5	90	--	--
L05W 02+25N	3.50	<0.2	5	150	<0.5	<2	0.66	0.5	20	49	104	4.33	20	0.10	10	1.16	[illegible]	<1	0.01	32	800	3	<5	31	0.30	<10	<10	130	<5	90	--	--
L05W 02+00N	3.46	<0.2	<5	120	<0.5	<2	0.31	0.5	17	49	79	4.67	20	0.07	10	0.84	733	<1	0.01	30	530	6	<5	32	0.24	<10	<10	112	<5	84	--	--
L05W 01+75N	3.44	<0.2	<5	130	<0.5	<2	0.22	1.0	15	43	95	4.15	10	0.07	10	0.85	621	<1	<0.01	27	700	6	<5	23	0.22	<10	<10	96	<5	88	--	--
L05W 01+50N	0.92	<0.2	<5	20	<0.5	<2	0.25	<0.5	3	13	10	1.51	10	0.02	10	0.17	213	<1	<0.01	5	200	4	<5	23	0.21	<10	<10	70	<5	22	--	--
L05W 01+25N	1.13	<0.2	<5	30	<0.5	<2	0.24	0.5	5	15	12	2.08	10	0.02	10	0.24	274	<1	<0.01	5	210	5	<5	25	0.13	<10	<10	60	<5	32	--	--
L05W 01+00N	2.67	<0.2	<5	140	<0.5	<2	0.30	0.5	12	32	41	3.34	10	0.06	10	0.63	[illegible]	<1	0.01	26	710	10	<5	27	0.13	<10	<10	87	<5	72	--	--
L05W 00+75N	1.01	<0.2	<5	70	<0.5	<2	0.41	<0.5	3	14	8	1.82	10	0.02	10	0.16	424	<1	<0.01	4	190	4	<5	32	0.22	<10	<10	66	<5	30	--	--
L05W 00+50N	4.43	<0.2	<5	230	<0.5	<2	0.32	0.5	22	53	117	5.20	20	0.12	10	1.22	814	<1	0.01	39	360	6	<5	34	0.29	<10	<10	119	<5	114	--	--
L05W 00+25N	5.45	<0.2	5	370	<0.5	<2	0.27	0.5	28	52	155	5.53	20	0.15	10	1.27	1161	<1	0.01	45	940	8	<5	30	0.31	<10	<10	133	<5	104	--	--
L05W 00+00 BL	3.72	<0.2	<5	240	<0.5	<2	0.33	0.5	18	45	64	4.80	10	0.08	10	0.96	1050	<1	0.01	32	430	4	<5	32	0.19	<10	<10	118	<5	96	--	--
L05W 00+25S	5.20	<0.2	10	370	<0.5	<2	0.27	<0.5	27	49	126	5.36	20	0.15	10	1.22	935	<1	0.01	40	670	2	<5	31	0.13	<10	<10	124	<5	106	--	--
L05W 00+50S	4.27	<0.2	<5	250	<0.5	<2	0.62	0.5	29	47	141	5.27	20	0.14	10	1.24	[illegible]	<1	0.01	36	670	10	<5	42	0.27	<10	<10	123	<5	142	--	--

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CERTIFICATE OF ANALYSIS

TO : ROSSBACHER LABORATORY LIMITED

1204 SOUTH SPRINGER AVENUE
BURNABY, B.C.
V5C 3W1

CERT. # : A8611135-007-A
INVOICE # : I8611135
DATE : 11-DEC-86
P.O. # : NONE
PROJECT : KAUK 4

Dual quantitative multi element ICP analysis

Nitric-Aqua-Regia digestion of 0.5 gm of material followed by ICP analysis. Since this digestion is incomplete for many minerals, values reported for Al, Sb, Ba, Be, Ca, Cr, Ga, La, Mg, K, Na, Sr, Ti, Tl, W and V can only be considered as semi-quantitative.

COMMENTS :
ATTN: PETER ROSSBACHER

Sample	Al %	Ag ppm	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm		
L05W 00+75S	3.49	<0.2	<5	230	<0.5	<2	0.17	0.5	20	46	110	4.56	10	0.07	10	1.11	687	<1	<0.01	34	390	<2	<5	17	0.19	<10	<10	100	<5	88	--	--
L05W 01+00S	2.65	<0.2	<5	210	<0.5	<2	0.24	0.5	18	37	58	4.01	10	0.05	<10	0.82	1254	<1	<0.01	28	400	8	<5	15	0.13	<10	<10	86	<5	96	--	--
L05W 01+25S	2.83	<0.2	<5	210	<0.5	<2	0.26	0.5	19	34	59	3.97	10	0.06	10	0.69	753	<1	<0.01	24	450	4	<5	15	0.14	<10	<10	84	<5	92	--	--
L05W 01+50S	2.53	<0.2	<5	240	<0.5	<2	0.23	0.5	18	39	52	3.91	10	0.05	10	0.59	953	<1	<0.01	27	390	4	<5	13	0.16	<10	<10	84	<5	96	--	--
L05W 01+75S	2.93	<0.2	<5	250	<0.5	<2	0.30	0.5	19	45	56	4.40	10	0.05	10	0.69	1082	<1	<0.01	28	400	6	<5	16	0.20	<10	<10	103	<5	88	--	--
L05W 02+00S	2.63	<0.2	<5	190	<0.5	<2	0.20	0.5	17	46	61	3.97	10	0.05	<10	0.71	971	<1	<0.01	27	360	8	<5	13	0.20	<10	<10	101	<5	74	--	--
L05W 02+25S	2.65	<0.2	<5	270	<0.5	<2	0.39	0.5	18	45	89	4.06	10	0.07	10	0.78	1195	<1	0.01	28	370	8	<5	18	0.23	<10	<10	105	<5	84	--	--
L05W 02+50S	3.09	<0.2	<5	240	<0.5	<2	0.23	0.5	17	45	98	4.56	10	0.06	10	0.98	629	<1	0.01	30	290	2	<5	22	0.20	<10	<10	98	<5	76	--	--
L05W 02+75S	3.06	<0.2	5	210	<0.5	<2	0.29	0.5	19	46	97	4.21	10	0.08	10	0.92	851	<1	0.01	31	580	4	<5	16	0.18	<10	<10	96	<5	84	--	--
L05W 03+00S	3.18	<0.2	<5	200	<0.5	<2	0.27	0.5	22	46	58	4.37	10	0.07	10	0.93	869	<1	0.01	32	530	4	<5	16	0.19	<10	<10	98	<5	88	--	--
L05W 03+25S	2.90	<0.2	<5	160	<0.5	<2	0.19	0.5	17	42	81	3.97	10	0.05	10	0.78	731	<1	<0.01	28	380	2	<5	15	0.17	<10	<10	91	<5	78	--	--
L05W 03+50S	1.84	<0.2	<5	130	<0.5	<2	0.14	0.5	8	21	37	2.78	10	0.04	<10	0.46	674	<1	<0.01	14	170	6	<5	8	0.08	<10	<10	61	<5	52	--	--
L05W 03+75S	2.88	<0.2	135	180	<0.5	<2	0.11	<0.5	25	32	133	4.65	10	0.05	10	0.82	1102	<1	<0.01	26	430	4	<5	9	0.10	<10	<10	75	<5	82	--	--
L05W 04+00S	4.17	<0.2	<5	170	<0.5	<2	0.09	0.5	15	42	107	4.17	10	0.04	<10	0.80	691	<1	<0.01	31	410	<2	<5	7	0.12	<10	<10	86	<5	82	--	--
L05W 04+25S	3.07	<0.2	<5	180	<0.5	<2	0.16	<0.5	13	26	46	3.22	10	0.03	<10	0.43	2112	<1	<0.01	16	1910	6	<5	8	0.10	<10	<10	64	<5	112	--	--
L05W 04+50S	2.14	<0.2	<5	180	<0.5	<2	0.26	0.5	14	30	54	4.04	10	0.03	<10	0.49	1140	<1	<0.01	17	750	4	<5	17	0.13	<10	<10	99	<5	102	--	--
L05W 04+75S	2.09	<0.2	<5	110	<0.5	<2	0.13	<0.5	12	23	57	3.48	10	0.02	<10	0.60	510	<1	<0.01	19	280	6	<5	11	0.13	<10	<10	80	<5	62	--	--
L05W 05+00S	2.42	<0.2	5	150	<0.5	<2	0.25	0.5	18	39	95	3.76	10	0.06	10	0.73	894	<1	0.01	26	510	8	<5	13	0.15	<10	<10	85	<5	76	--	--
L05W 05+25S	3.06	<0.2	<5	190	<0.5	<2	0.22	0.5	19	44	93	4.30	10	0.06	10	0.87	719	<1	0.01	31	440	6	<5	15	0.17	<10	<10	98	<5	86	--	--
L05W 05+50S	2.77	<0.2	<5	150	<0.5	<2	0.28	0.5	22	42	101	4.70	20	0.05	10	0.99	1000	<1	0.01	30	540	4	<5	13	0.32	<10	<10	106	<5	90	--	--
L05W 05+75S	1.72	<0.2	<5	70	<0.5	<2	0.20	<0.5	7	20	35	2.57	10	0.02	<10	0.39	337	<1	<0.01	11	430	6	<5	10	0.14	<10	<10	60	<5	82	--	--
L05W 06+00S	3.09	<0.2	<5	90	<0.5	<2	0.12	0.5	18	38	70	4.56	10	0.03	<10	0.80	503	<1	<0.01	27	720	2	<5	10	0.17	<10	<10	117	<5	58	--	--
L05W 06+25S	2.87	<0.2	<5	130	<0.5	<2	0.19	0.5	13	25	65	3.40	10	0.03	<10	0.66	745	<1	<0.01	17	450	2	<5	12	0.11	<10	<10	69	<5	66	--	--
L05W 06+50S	1.81	<0.2	<5	110	<0.5	<2	0.14	<0.5	8	22	34	2.77	10	0.03	<10	0.42	818	<1	<0.01	12	510	6	<5	7	0.12	<10	<10	65	<5	60	--	--
L05W 06+75S	3.14	<0.2	<5	180	<0.5	<2	0.12	0.5	14	54	47	4.77	<10	0.04	10	1.22	1031	<1	<0.01	24	400	2	<5	6	0.02	<10	<10	72	<5	58	--	--
L05W 07+00S	1.97	<0.2	<5	130	<0.5	<2	0.22	<0.5	11	24	45	2.64	10	0.03	<10	0.46	691	<1	<0.01	14	740	6	<5	11	0.11	<10	<10	57	<5	62	--	--
L05W 07+25S	3.44	<0.2	<5	210	<0.5	<2	0.24	0.5	18	47	92	4.12	10	0.05	10	0.79	914	<1	0.01	31	1070	6	<5	14	0.15	<10	<10	86	<5	100	--	--
L05W 07+50S	2.42	<0.2	<5	110	<0.5	<2	0.09	0.5	14	42	35	3.81	10	0.05	10	0.89	814	<1	0.02	26	990	4	<5	11	0.16	<10	<10	86	<5	72	--	--
L05W 07+75S	3.03	<0.2	<5	150	<0.5	<2	0.18	0.5	17	55	86	4.77	10	0.04	<10	0.70	462	<1	<0.01	27	760	4	<5	8	0.16	<10	<10	90	<5	96	--	--
L05W 08+75N	4.52	<0.2	<5	120	<0.5	<2	0.12	0.5	16	48	109	4.98	20	0.05	10	1.05	572	<1	<0.01	31	460	6	<5	12	0.36	<10	<10	101	<5	94	--	--
L05W 08+50N	3.73	<0.2	<5	100	<0.5	<2	0.19	0.5	10	46	64	5.02	20	0.04	10	0.65	337	<1	<0.01	22	550	4	<5	17	0.24	<10	<10	109	<5	92	--	--
L05W 08+25N	3.09	<0.2	<5	110	<0.5	<2	0.13	0.5	11	39	80	4.48	10	0.05	<10	0.72	345	<1	<0.01	25	510	4	<5	11	0.22	<10	<10	100	<5	88	--	--
L05W 08+00N	3.07	<0.2	5	170	<0.5	<2	0.45	0.5	23	41	89	4.03	10	0.06	10	0.92	582	<1	0.01	26	950	12	<5	19	0.17	<10	<10	93	<5	88	--	--
L05W 07+75N	1.75	<0.2	<5	60	<0.5	<2	0.17	<0.5	5	17	29	3.06	10	0.01	<10	0.41	221	<1	<0.01	13	310	4	<5	11	0.19	<10	<10	87	<5	60	--	--
L05W 07+50N	1.91	<0.2	<5	50	<0.5	<2	0.25	<0.5	7	20	33	2.77	10	0.02	<10	0.27	716	<1	0.01	9	1160	8	<5	12	0.13	<10	<10	69	<5	52	--	--
L05W 07+25N	2.71	<0.2	<5	90	<0.5	<2	0.38	0.5	14	39	76	3.87	10	0.04	10	0.81	755	<1	0.01	23	790	8	<5	15	0.24	<10	<10	97	<5	70	--	--
L05W 07+00N	4.06	0.6	<5	180	<0.5	<2	0.13	<0.5	22	38	116	2.47	10	0.04	10	0.60	396	<1	0.01	26	610	6	<5	15	0.15	<10	<10	70	<5	58	--	--
L05W 06+75N	3.14	<0.2	<5	70	<0.5	<2	0.10	0.5	10	38	50	4.17	10	0.02	<10	0.61	207	<1	<0.01	18	520	2	<5	11	0.19	<10	<10	80	<5	72	--	--
L05W 06+50N	3.46	<0.2	5	50	<0.5	<2	0.08	<0.5	10	39	61	4.20	10	0.03	<10	0.66	299	<1	<0.01	20	550	2	<5	9	0.19	<10	<10	85	<5	72	--	--
L05W 06+25N	4.11	0.6	5	130	<0.5	<2	0.14	0.5	20	51	110	4.87	10	0.06	10	0.88	1602	<1	<0.01	31	1020	6	<5	14	0.27	<10	<10	101	<5	116	--	--

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CERTIFICATE OF ANALYSIS

TO : ROSSBACHER LABORATORY LIMITED

2225 SOUTH SPRINGER AVENUE
BURNABY, B.C.
V5B 3N1

CERT. # : A86[illegible]-008-A
INVOICE # : I86[illegible]
DATE : 11-DEC-86
P.O. # : NONE
V2406 ANCH H

Semi quantitative multi element ICP analysis

Nitric-Aqua-Regia digestion of 0.5 gm of material followed by ICP analysis. Since this digestion is incomplete for many minerals, values reported for Al, Sb, Ba, Be, Ca, Cr, Ga, La, Mg, K, Na, Sr, Tl, Ti, W and V can only be considered as semi-quantitative.

COMMENTS :
ATTN: PETER ROSSBACHER

Sample description	Al %	Ag ppm	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm		
L06W 01+00N	4.38	0.6	5	150	<0.5	<2	0.14	<0.5	24	49	97	4.46	10	0.06	10	0.96	1055	<1	<0.01	37	950	2	<5	16	0.18	<10	<10	88	<5	142	--	--
L06W 00+75N	3.83	<0.2	5	140	<0.5	<2	0.14	<0.5	18	47	117	4.42	10	0.07	10	1.02	1021	<1	<0.01	35	1170	<2	<5	16	0.19	<10	<10	90	<5	110	--	--
L06W 00+50N	2.25	<0.2	<5	130	<0.5	<2	0.17	0.5	12	30	24	3.35	10	0.04	[illegible]	0.58	422	<1	<0.01	15	480	2	<5	17	0.14	<10	<10	67	<5	64	--	--
L06W 00+25N	1.35	<0.2	<5	70	<0.5	<2	0.19	0.5	7	21	13	2.74	10	0.02	<10	0.38	[illegible]	<1	<0.01	9	230	2	<5	13	0.14	<10	<10	63	<5	44	--	--
L06W 00+00 BL	3.10	<0.2	<5	200	<0.5	<2	0.24	0.5	14	42	53	4.23	10	0.07	10	0.83	[illegible]	<1	<0.01	28	410	6	<5	23	0.20	<10	<10	160	<5	88	--	--
L06W 00+25S	4.09	<0.2	5	220	<0.5	<2	0.28	0.5	23	51	77	5.21	10	0.08	10	0.92	573	<1	0.01	37	390	4	<5	28	0.23	<10	<10	119	<5	112	--	--
L06W 00+50S	1.23	0.2	<5	170	0.5	<2	1.39	0.5	7	18	19	0.55	<10	0.06	10	0.28	466	<1	0.01	10	1110	18	<5	85	0.03	<10	<10	23	<5	68	--	--
L06W 00+75S	4.97	<0.2	10	190	<0.5	<2	0.23	0.5	39	66	90	3.17	10	0.09	10	0.98	1706	<1	0.01	37	570	<2	<5	26	0.21	<10	<10	151	<5	82	--	--
L06W 01+00S	3.53	<0.2	5	200	<0.5	<2	0.35	<0.5	19	49	64	4.34	10	0.06	20	0.84	1737	<1	0.01	25	310	4	<5	35	0.17	<10	<10	100	<5	80	--	--
L06W 01+25S	3.24	0.6	<5	200	<0.5	<2	0.27	<0.5	17	41	60	4.37	10	0.15	10	0.81	751	<1	0.01	29	420	4	<5	26	0.18	<10	<10	103	<5	94	--	--
L06W 01+50S	3.62	<0.2	<5	240	<0.5	<2	0.28	0.5	23	44	67	4.53	10	0.06	10	0.66	1242	<1	0.01	34	560	2	<5	23	0.17	<10	<10	101	<5	128	--	--
L06W 01+75S	2.15	<0.2	<5	220	<0.5	<2	0.29	0.5	15	31	33	3.16	10	0.04	10	0.66	1322	<1	<0.01	17	280	4	<5	22	0.10	<10	<10	73	<5	62	--	--
L06W 02+00S	2.97	<0.2	5	180	<0.5	<2	0.17	<0.5	17	39	44	3.93	10	0.04	<10	0.70	566	<1	<0.01	24	390	2	<5	15	0.15	<10	<10	83	<5	102	--	--
L06W 02+25S	4.47	<0.2	5	370	<0.5	<2	0.21	0.5	20	54	89	5.16	10	0.08	10	0.93	865	<1	0.01	40	500	2	<5	20	0.20	<10	<10	119	<5	126	--	--
L06W 02+50S	5.86	<0.2	5	330	<0.5	<2	0.22	0.5	25	60	116	5.47	10	0.10	[illegible]	0.55	[illegible]	<1	0.01	49	510	<2	<5	25	0.23	<10	<10	129	<5	118	--	--
L06W 02+75S	3.01	<0.2	<5	200	<0.5	<2	0.50	1.0	33	34	56	3.35	10	0.08	20	0.64	[illegible]	<1	0.01	24	570	2	<5	35	0.16	<10	<10	77	<5	98	--	--
L06W 03+00S	2.53	<0.2	5	150	<0.5	<2	0.22	<0.5	12	31	46	3.09	10	0.05	10	0.73	[illegible]	<1	<0.01	21	730	4	<5	25	0.21	<10	<10	83	<5	96	--	--
L06W 03+25S	4.17	<0.2	5	170	<0.5	<2	0.27	0.5	15	42	94	4.46	10	0.05	10	0.86	815	<1	0.01	28	1070	4	<5	23	0.26	<10	<10	103	<5	100	--	--
L06W 03+50S	2.88	<0.2	<5	270	<0.5	<2	0.35	<0.5	19	31	70	3.66	10	0.06	10	0.73	1776	<1	0.01	24	770	4	<5	29	0.17	<10	<10	83	<5	108	--	--
L06W 03+75S	4.52	<0.2	5	250	<0.5	<2	0.31	<0.5	17	46	81	4.60	10	0.10	10	0.79	629	<1	0.01	31	640	<2	<5	32	0.23	<10	<10	106	<5	118	--	--
L06W 04+00S	4.35	<0.2	5	160	<0.5	<2	0.21	<0.5	17	40	71	4.47	10	0.06	10	0.74	412	<1	<0.01	27	610	2	<5	22	0.24	<10	<10	101	<5	124	--	--
L06W 04+25S	4.40	1.6	55	230	<0.5	<2	0.46	0.5	43	55	248	5.36	10	0.05	20	0.62	1224	<1	0.01	56	900	<2	<5	30	0.13	<10	<10	136	<5	194	--	--
L06W 04+50S	3.33	<0.2	<5	350	<0.5	<2	0.30	1.5	24	43	124	4.54	10	0.05	[illegible]	0.61	[illegible]	<1	0.01	24	570	<2	<5	19	0.17	<10	<10	127	<5	122	--	--
L06W 04+75S	2.10	<0.2	<5	140	<0.5	<2	0.32	<0.5	14	26	44	3.26	10	0.03	10	0.53	[illegible]	<1	<0.01	19	830	2	<5	19	0.22	<10	<10	76	<5	114	--	--
L06W 05+00S	2.64	<0.2	<5	100	<0.5	<2	0.28	0.5	15	29	72	3.52	10	0.05	[illegible]	0.63	[illegible]	<1	0.01	20	750	6	<5	20	0.25	<10	<10	83	<5	104	--	--
L06W 05+25S	2.76	<0.2	10	150	<0.5	<2	0.37	<0.5	17	36	96	4.04	20	0.05	[illegible]	0.86	[illegible]	<1	0.01	25	620	6	<5	23	0.28	<10	<10	99	<5	92	--	--
L06W 05+50S	4.78	0.4	10	220	0.5	<2	0.22	0.5	47	52	265	5.82	10	0.08	[illegible]	1.71	[illegible]	<1	<0.01	54	870	4	<5	13	0.14	<10	<10	182	<5	94	--	--
L06W 05+75S	3.00	<0.2	5	230	<0.5	<2	0.41	0.5	18	42	91	4.13	10	0.08	[illegible]	0.82	[illegible]	<1	0.01	23	520	14	<5	25	0.21	<10	<10	99	<5	78	--	--
L06W 06+00S	2.37	<0.2	5	120	<0.5	<2	0.38	0.5	19	41	133	4.22	10	0.09	[illegible]	0.88	[illegible]	<1	0.01	29	520	3	<5	22	0.23	<10	<10	103	<5	86	--	--
L06W 06+25S	3.07	<0.2	<5	190	<0.5	<2	0.45	0.5	20	42	101	4.27	10	0.08	10	0.93	991	<1	0.01	28	620	4	<5	27	0.26	<10	<10	103	<5	90	--	--
L06W 06+50S	2.50	<0.2	<5	120	<0.5	<2	0.30	0.5	11	34	54	3.67	10	0.05	10	0.69	477	<1	0.01	19	520	6	<5	17	0.24	<10	<10	95	<5	68	--	--
L06W 06+75S	2.73	<0.2	<5	130	<0.5	<2	0.27	1.0	14	35	67	3.53	10	0.05	10	0.57	359	<1	0.01	20	1040	6	<5	14	0.18	<10	<10	84	<5	88	--	--
L06W 07+00S	4.47	<0.2	<5	330	<0.5	<2	0.24	1.0	24	57	169	5.34	10	0.09	[illegible]	1.07	[illegible]	<1	0.01	38	430	<2	<5	17	0.31	<10	<10	124	<5	86	--	--
L07W 04+00N	4.41	<0.2	<5	80	<0.5	<2	0.15	0.5	10	49	81	4.73	10	0.02	[illegible]	0.59	[illegible]	<1	<0.01	17	560	<2	<5	16	0.21	<10	<10	113	<5	70	--	--
L07W 03+75N	2.73	<0.2	<5	40	<0.5	<2	0.20	0.5	7	25	48	4.10	10	0.02	[illegible]	0.41	[illegible]	<1	<0.01	14	280	<2	<5	23	0.23	<10	<10	119	<5	44	--	--
L07W 03+50N	3.75	<0.2	<5	80	<0.5	<2	0.17	0.5	11	37	63	3.72	10	0.04	10	0.66	[illegible]	<1	<0.01	19	580	2	<5	19	0.22	<10	<10	91	<5	72	--	--
L07W 03+25N	4.44	<0.2	<5	110	<0.5	<2	0.23	0.5	16	44	96	4.52	20	0.07	[illegible]	0.89	[illegible]	<1	0.01	27	850	6	<5	21	0.26	<10	<10	116	<5	92	--	--
L07W 03+00N	3.62	<0.2	<5	90	<0.5	<2	0.19	0.5	14	38	73	3.37	10	0.05	10	0.77	[illegible]	<1	<0.01	22	590	6	<5	18	0.22	<10	<10	92	<5	78	--	--
L07W 02+75N	3.51	<0.2	<5	80	<0.5	<2	0.18	0.5	11	35	70	3.78	10	0.05	[illegible]	0.69	[illegible]	<1	<0.01	21	610	2	<5	15	0.20	<10	<10	87	<5	70	--	--
L07W 02+50N	4.45	<0.2	10	130	<0.5	<2	0.23	<0.5	17	45	105	4.30	20	0.07	[illegible]	0.97	[illegible]	<1	0.01	30	690	5	<5	25	0.27	<10	<10	107	<5	66	--	--

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CERTIFICATE OF ANALYSIS

TO : ROSSBACHER LABORATORY LIMITED

2225 SOUTH SPRINGER AVENUE
BURNABY, B.C.
V5B 3N1

CERT. # : A86[illegible]
INVOICE # : I86[illegible]
DATE : 11-[illegible]-86
P.O. # : NONE
V0409 [illegible]

Semi quantitative multi element ICP analysis

Nitric-Aqua-Regia digestion of 0.5 gm of material followed by ICP analysis. Since this digestion is incomplete for many minerals, values reported for Al, Sb, Ba, Be, Ca, Cr, Ga, La, Mg, K, Na, Sr, Ti, Tl, W and V can only be considered as semi-quantitative.

COMMENTS :
ATTN: PETER ROSSBACHER

Sample description	Al %	Ag ppm	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm		
L07W 02+25N	5.62	0.2	<5	150	<0.5	<2	0.24	<0.5	26	49	120	4.66	<10	0.08	10	0.80	733	<1	0.01	33	950	10	<5	20	0.23	<10	<10	123	<5	114	--	--
L07W 02+00N	4.75	0.2	5	100	<0.5	<2	0.23	<0.5	14	47	81	4.86	10	0.04	<10	0.74	591	<1	0.01	29	1010	8	<5	20	0.28	<10	<10	115	<5	100	--	--
L07W 01+75N	0.27	0.2	<5	160	<0.5	<2	0.46	<0.5	<1	6	13	0.25	<10	0.09	<10	0.06	115	<1	<0.01	5	1010	34	<5	14	0.02	<10	<10	8	<5	78	--	--
L07W 01+50N	3.00	0.2	5	130	<0.5	<2	0.36	<0.5	15	37	40	2.74	10	0.04	<10	0.69	[illegible]	<1	0.01	21	500	6	<5	23	0.24	<10	<10	88	<5	92	--	--
L07W 01+25N	5.24	0.2	<5	190	<0.5	<2	0.25	<0.5	13	69	124	5.61	10	0.05	[illegible]	1.14	[illegible]	<1	0.01	46	390	[illegible]	<5	22	0.40	<10	<10	145	<5	106	--	--
L07W 01+00N	1.10	0.2	<5	90	0.5	<2	0.40	<0.5	5	10	24	0.54	<10	0.05	10	0.10	[illegible]	<1	<0.01	10	1910	12	<5	15	0.01	<10	<10	19	<5	70	--	--
L07W 00+75N	1.15	0.2	<5	110	<0.5	<2	0.52	<0.5	4	14	32	0.68	<10	0.05	10	0.15	61	1	<0.01	13	1660	18	<5	22	0.02	<10	<10	23	<5	72	--	--
L07W 00+50N	0.29	0.2	<5	90	<0.5	<2	0.74	<0.5	1	12	12	0.35	<10	0.05	<10	0.03	46	<1	<0.01	7	1490	6	<5	31	<0.01	<10	<10	5	<5	70	--	--
L07W 00+25N	1.12	0.2	<5	100	<0.5	<2	0.25	<0.5	<1	15	13	0.45	<10	0.03	[illegible]	0.08	[illegible]	<1	0.01	5	450	10	<5	13	0.05	<10	<10	28	<5	28	--	--
L07W 00+00 BL	0.66	0.2	<5	50	<0.5	<2	0.18	<0.5	2	15	6	1.35	<10	0.02	<10	0.18	125	<1	<0.01	8	390	50	<5	10	0.09	<10	<10	52	<5	46	--	--
L07W 00+25S	2.11	0.2	5	170	<0.5	<2	0.41	<0.5	10	36	47	2.75	<10	0.11	<10	0.55	1544	<1	0.01	24	1010	18	<5	20	0.15	<10	<10	66	<5	106	--	--
L07W 00+50S	3.22	0.2	<5	200	<0.5	<2	0.40	<0.5	22	53	88	4.60	<10	0.09	10	1.15	915	<1	0.01	36	550	6	<5	26	0.28	<10	<10	114	<5	90	--	--
L07W 00+75S	3.67	0.2	<5	220	<0.5	<2	0.29	<0.5	21	52	74	4.36	<10	0.06	10	1.00	1137	<1	0.01	36	670	8	<5	24	0.23	<10	<10	102	<5	110	--	--
L07W 01+00S	2.44	0.2	<5	160	<0.5	<2	0.40	<0.5	14	35	26	3.37	<10	0.06	<10	0.71	1014	<1	<0.01	21	490	8	<5	29	0.20	<10	<10	86	<5	100	--	--
L07W 01+25S	0.16	0.2	<5	50	<0.5	<2	0.28	<0.5	<1	4	10	0.21	<10	0.02	<10	0.05	[illegible]	<1	<0.01	4	[illegible]	74	<5	8	0.01	<10	<10	5	<5	52	--	--
L07W 01+50S	2.35	4.0	<5	120	<0.5	<2	0.23	<0.5	14	31	42	3.39	<10	0.04	[illegible]	0.38	[illegible]	<1	<0.01	22	330	10	<5	17	0.15	<10	<10	73	<5	136	--	--
L07W 01+75S	2.17	0.2	<5	140	<0.5	<2	0.22	<0.5	14	34	23	3.35	<10	0.03	[illegible]	0.60	[illegible]	<1	<0.01	22	540	4	<5	13	0.14	<10	<10	71	<5	94	--	--
L07W 02+00S	1.50	0.2	5	170	<0.5	<2	0.27	<0.5	12	24	13	2.78	<10	0.04	<10	0.42	2363	<1	<0.01	15	900	14	<5	11	0.09	<10	<10	55	<5	100	--	--
L07W 02+25S	2.93	0.2	5	160	<0.5	<2	0.20	<0.5	14	39	36	3.89	<10	0.04	<10	0.72	660	<1	<0.01	26	610	8	<5	10	0.13	<10	<10	79	<5	98	--	--
L07W 02+50S	1.96	0.2	10	270	<0.5	<2	0.42	<0.5	17	29	30	2.98	<10	0.05	<10	0.59	3350	<1	<0.01	20	490	20	<5	19	0.12	<10	<10	64	<5	90	--	--
L07W 02+75S	4.38	0.2	10	200	<0.5	<2	0.35	<0.5	19	48	87	5.09	10	0.07	[illegible]	1.16	[illegible]	<1	0.01	43	540	6	<5	28	0.30	<10	<10	126	<5	112	--	--
L07W 03+00S	4.84	0.2	<5	260	<0.5	<2	0.25	<0.5	22	59	122	5.54	10	0.10	[illegible]	1.33	315	<1	0.01	45	360	2	<5	27	0.32	<10	<10	132	<5	106	--	--
L07W 03+25S	3.93	2.0	5	270	<0.5	<2	0.43	<0.5	25	49	83	5.34	10	0.09	[illegible]	1.12	[illegible]	<1	0.01	43	670	12	<5	32	0.27	<10	<10	120	<5	132	--	--
L07W 03+50S	1.98	0.2	5	170	<0.5	<2	0.45	<0.5	16	25	13	2.93	10	0.04	[illegible]	0.61	[illegible]	<1	0.01	17	500	6	<5	28	0.26	<10	<10	77	<5	140	--	--
L07W 03+75S	1.60	0.2	<5	170	<0.5	<2	0.40	<0.5	14	22	13	2.57	10	0.04	[illegible]	0.51	[illegible]	<1	<0.01	14	520	14	<5	22	0.20	<10	<10	65	<5	124	--	--
L07W 04+00S	2.97	0.2	<5	260	<0.5	<2	0.39	<0.5	20	38	37	4.07	<10	0.06	10	0.83	[illegible]	<1	<0.01	31	1350	6	<5	23	0.19	<10	<10	90	<5	206	--	--
L07W 04+25S	4.59	0.2	5	240	<0.5	<2	0.21	<0.5	19	46	76	4.85	<10	0.47	[illegible]	1.14	[illegible]	<1	<0.01	40	570	4	<5	16	0.20	<10	<10	106	<5	120	--	--
L07W 04+50S	2.36	0.2	<5	240	<0.5	<2	0.28	<0.5	20	32	44	3.55	<10	0.05	[illegible]	0.55	[illegible]	<1	0.01	25	750	2	<5	18	0.11	<10	<10	84	<5	108	--	--
L07W 04+75S	2.52	0.2	5	270	<0.5	<2	0.41	<0.5	19	31	56	3.64	<10	0.06	[illegible]	0.78	[illegible]	<1	<0.01	27	770	16	<5	27	0.14	<10	<10	78	<5	110	--	--
L07W 05+00S	2.74	0.2	<5	220	<0.5	<2	0.24	<0.5	20	28	37	3.49	<10	0.05	<10	0.58	2014	<1	<0.01	23	1100	6	<5	16	0.12	<10	<10	74	<5	130	--	--
L07W 05+25S	3.89	0.2	10	250	<0.5	<2	0.40	<0.5	34	37	69	3.78	10	0.08	10	0.75	[illegible]	<1	0.01	37	520	6	<5	31	0.25	<10	<10	92	<5	204	--	--
L07W 05+50S	3.82	0.2	10	240	<0.5	<2	0.41	<0.5	30	46	181	4.67	10	0.08	10	0.94	2085	<1	0.01	43	560	10	<5	30	0.27	<10	<10	119	<5	118	--	--
L07W 05+75S	3.16	0.2	5	200	<0.5	<2	0.52	<0.5	23	45	114	4.53	10	0.09	[illegible]	1.16	[illegible]	<1	0.01	27	770	3	<5	28	0.31	<10	<10	124	<5	118	--	--
L07W 06+00S	4.37	0.2	<5	240	<0.5	<2	0.45	<0.5	20	47	97	4.36	10	0.09	[illegible]	0.91	[illegible]	<1	0.01	47	1100	8	<5	29	0.28	<10	<10	115	<5	156	--	--
L07W 06+25S	1.33	0.2	<5	140	<0.5	<2	0.42	<0.5	13	23	24	2.93	10	0.04	10	0.45	898	<1	0.01	14	350	8	<5	25	0.22	<10	<10	82	<5	88	--	--
L07W 06+50S	4.05	0.2	5	230	<0.5	<2	0.31	<0.5	22	48	141	4.90	10	0.05	10	1.08	672	<1	<0.01	45	570	6	<5	19	0.30	<10	<10	121	<5	98	--	--
L07W 06+75S	3.58	0.2	5	220	<0.5	<2	0.32	<0.5	19	41	105	4.39	10	0.05	10	0.80	1313	<1	<0.01	35	990	8	<5	19	0.23	<10	<10	107	<5	114	--	--
L07W 07+00S	1.64	0.2	5	110	<0.5	<2	0.27	<0.5	8	14	11	2.91	<10	0.02	<10	0.46	535	<1	<0.01	8	650	4	<5	19	0.11	<10	<10	65	<5	66	--	--
L07W 07+25S	2.15	0.2	10	170	<0.5	<2	0.29	<0.5	13	28	42	3.15	<10	0.04	[illegible]	0.58	[illegible]	<1	<0.01	20	740	26	<5	14	0.11	<10	<10	72	<5	82	--	--
L07W 07+50S	0.47	0.2	<5	130	<0.5	<2	0.21	<0.5	2	9	12	1.77	<10	0.05	[illegible]	0.20	[illegible]	<1	<0.01	7	350	18	<5	12	0.02	<10	<10	13	<5	76	--	--

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CERTIFICATE OF ANALYSIS

TO : ROSSBACHER LABORATORY LIMITED

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BURNABY, B.C.
V5B 3N1

CERT. # : A86[illegible]25-010-A
INVOICE # : I86[illegible]35
DATE : 11-[illegible]-86
P.O. # : NONE
VOUCHER # :

Soil quantitative multi element ICP analysis

Nitric-Aqua-Regia digestion of 0.5 gm of material followed by ICP analysis. Since this digestion is incomplete for many minerals, values reported for Al, Sb, Ba, Be, Ca, Cr, Ga, La, Mg, K, Na, Sr, Tl, Ti, W and V can only be considered as semi-quantitative.

COMMENTS :

ATTN: PETER ROSSBACHER

Sample description	Al %	Ag ppm	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm		
L07W 07+75S	3.25	0.2	5	220	<0.5	<2	0.29	<0.5	18	43	93	4.35	<10	0.05	10	0.85	1023	<1	<0.01	32	880	8	<5	15	0.13	<10	<10	88	<5	106	--	--
L07W 08+00S	3.05	0.2	15	190	<0.5	<2	0.33	<0.5	18	42	100	4.62	<10	0.04	10	0.91	917	<1	<0.01	30	1160	6	<5	11	0.14	<10	<10	104	<5	108	--	--
L07W 08+25S	2.87	1.0	5	190	<0.5	<2	0.46	<0.5	21	46	76	4.32	10	0.07	10	1.05	1111	<1	0.01	35	650	8	<5	20	0.20	<10	<10	111	<5	96	--	--
L08W 04+00N	3.29	0.2	15	170	1.0	<2	0.52	<0.5	15	60	97	4.02	10	0.05	20	0.78	854	<1	0.01	43	1050	<2	<5	17	0.18	<10	<10	114	<5	122	--	--
L08W 03+75N	2.07	0.2	<5	50	<0.5	<2	0.16	<0.5	5	27	19	4.11	10	0.02	10	0.34	211	<1	<0.01	12	930	8	<5	12	0.15	<10	<10	112	<5	58	--	--
L08W 03+50N	2.64	0.2	5	40	<0.5	<2	0.15	<0.5	6	27	22	3.32	10	0.02	<10	0.41	237	<1	<0.01	13	480	4	<5	11	0.28	<10	<10	96	<5	52	--	--
L08W 03+25N	2.22	0.2	<5	50	<0.5	<2	0.22	<0.5	6	23	22	3.33	20	0.02	<10	0.44	352	<1	<0.01	11	340	8	<5	14	0.43	<10	<10	108	<5	58	--	--
L08W 03+00N	1.84	0.2	5	120	<0.5	<2	0.40	<0.5	8	23	21	3.28	20	0.04	10	0.48	548	<1	<0.01	13	330	12	<5	22	0.42	<10	<10	93	<5	92	--	--
L08W 02+75N	5.02	0.8	15	230	0.5	<2	0.22	<0.5	24	69	164	5.67	10	0.08	10	0.88	412	<1	0.01	44	420	6	<5	20	0.22	<10	<10	142	<5	132	--	--
L08W 02+50N	2.37	0.2	<5	110	<0.5	<2	0.48	<0.5	13	28	32	3.70	20	0.03	10	0.66	738	<1	0.01	18	900	6	<5	23	0.35	<10	<10	107	<5	94	--	--
L08W 02+25N	3.85	1.0	5	80	<0.5	<2	0.16	<0.5	11	31	82	4.57	<10	0.02	<10	0.78	447	<1	<0.01	22	020	4	<5	9	0.26	<10	<10	102	<5	94	--	--
L08W 02+00N	1.39	0.2	5	50	<0.5	<2	0.20	<0.5	4	17	12	2.84	10	0.03	<10	0.33	359	<1	<0.01	9	440	6	<5	12	0.18	<10	<10	89	<5	46	--	--
L08W 01+75N	3.03	0.2	5	160	<0.5	<2	0.35	<0.5	20	38	81	4.33	10	0.07	10	0.97	1147	<1	0.01	30	870	14	<5	17	0.25	<10	<10	109	<5	92	--	--
L08W 01+50N	3.99	0.2	5	190	<0.5	<2	0.33	<0.5	24	51	125	5.29	10	0.10	10	1.25	1058	<1	0.01	40	1030	12	<5	20	0.30	<10	<10	129	<5	128	--	--
L08W 01+25N	4.20	0.2	5	150	<0.5	<2	0.30	<0.5	20	45	86	5.02	10	0.06	10	0.95	1005	<1	0.01	31	1220	10	<5	20	0.26	<10	<10	123	<5	114	--	--
L08W 01+00N	3.75	0.2	5	120	<0.5	<2	0.31	<0.5	18	45	71	4.52	10	0.06	10	0.88	1493	<1	0.01	28	1030	8	<5	19	0.28	<10	<10	117	<5	106	--	--
L08W 00+75N	2.21	0.2	5	50	<0.5	<2	0.42	<0.5	8	26	24	3.49	10	0.04	10	0.51	1118	<1	<0.01	15	750	8	<5	22	0.28	<10	<10	96	<5	68	--	--
L08W 00+50N	3.44	0.2	5	170	<0.5	<2	0.38	<0.5	18	38	57	3.97	10	0.07	10	0.75	1980	<1	<0.01	27	690	12	<5	25	0.20	<10	<10	97	<5	116	--	--
L08W 00+25N	3.67	0.2	10	150	<0.5	<2	0.26	<0.5	17	42	51	4.42	10	0.06	10	0.74	952	<1	<0.01	29	990	6	<5	23	0.26	<10	<10	104	<5	116	--	--
L08W 00+00 BL	3.77	0.2	5	160	<0.5	<2	0.31	<0.5	20	46	68	4.58	10	0.10	10	0.83	1603	<1	0.01	32	960	12	<5	26	0.23	<10	<10	105	<5	132	--	--
L08W 00+25S	2.49	0.4	5	120	<0.5	<2	0.16	<0.5	12	32	39	3.32	10	0.03	<10	0.67	557	<1	<0.01	21	370	4	<5	14	0.15	<10	<10	68	<5	92	--	--
L08W 00+50S	1.97	0.4	<5	140	<0.5	<2	0.23	<0.5	12	27	29	3.07	10	0.05	10	0.58	1075	<1	<0.01	17	650	6	<5	18	0.15	<10	<10	65	<5	96	--	--
L08W 00+75S	3.80	0.4	5	230	<0.5	<2	0.22	<0.5	19	46	88	4.40	10	0.07	10	0.97	711	<1	<0.01	37	1190	4	<5	21	0.19	<10	<10	95	<5	128	--	--
L08W 01+00S	2.91	0.4	<5	280	<0.5	<2	0.40	0.5	19	40	46	4.26	10	0.18	10	0.85	2610	<1	0.01	29	1550	6	<5	25	0.19	<10	<10	89	<5	172	--	--
L08W 01+25S	3.15	0.2	<5	160	<0.5	<2	0.30	0.5	19	48	74	4.45	10	0.05	10	1.23	1102	<1	<0.01	34	590	2	<5	29	0.21	<10	<10	97	<5	100	--	--
L08W 01+50S	2.77	0.4	<5	240	<0.5	<2	0.36	<0.5	19	37	57	4.28	10	0.06	10	0.89	964	<1	<0.01	28	790	4	<5	26	0.22	<10	<10	93	<5	132	--	--
L08W 01+75S	3.20	0.2	<5	220	<0.5	<2	0.33	0.5	19	41	101	4.27	10	0.11	10	1.00	1112	<1	0.01	32	710	6	<5	27	0.24	<10	<10	104	<5	118	--	--
L08W 02+00S	3.01	0.2	<5	230	<0.5	<2	0.38	<0.5	17	38	57	4.35	10	0.06	10	0.79	1181	<1	<0.01	25	710	8	<5	23	0.21	<10	<10	99	<5	112	--	--
L08W 02+25S	3.19	0.2	5	210	<0.5	<2	0.34	<0.5	17	41	64	4.39	10	0.06	10	1.10	1501	<1	<0.01	25	940	4	<5	30	0.22	<10	<10	101	<5	142	--	--
L08W 02+50S	2.94	0.2	5	170	<0.5	<2	0.40	<0.5	16	35	40	3.85	10	0.06	10	0.93	1147	<1	<0.01	24	1000	<2	<5	31	0.21	<10	<10	87	<5	138	--	--
L08W 02+75S	1.86	0.2	<5	130	<0.5	<2	0.23	<0.5	11	24	30	3.07	10	0.03	10	0.56	1025	<1	<0.01	15	660	6	<5	17	0.14	<10	<10	65	<5	92	--	--
L08W 03+00S	3.17	0.4	5	190	<0.5	<2	0.23	<0.5	18	37	65	4.00	10	0.05	10	0.88	1211	<1	<0.01	30	890	2	<5	17	0.18	<10	<10	84	<5	128	--	--
L08W 03+25S	4.26	0.2	<5	220	<0.5	<2	0.24	0.5	21	46	114	4.55	10	0.07	10	0.98	811	<1	<0.01	34	710	4	<5	23	0.23	<10	<10	112	<5	118	--	--
L08W 03+50S	2.71	0.2	<5	310	<0.5	<2	0.43	<0.5	20	30	42	3.38	10	0.07	10	0.47	1264	<1	0.01	22	1930	6	<5	27	0.18	<10	<10	76	<5	158	--	--
L08W 03+75S	2.54	0.4	<5	140	<0.5	<2	0.34	<0.5	19	30	51	3.13	10	0.06	10	0.54	1017	<1	<0.01	21	1040	10	<5	24	0.19	<10	<10	76	<5	122	--	--
L08W 04+00S	3.22	0.2	5	260	<0.5	<2	0.37	<0.5	20	36	78	3.90	10	0.08	10	0.82	1951	<1	0.01	30	1060	8	<5	28	0.18	<10	<10	87	<5	148	--	--
L08W 04+25S	2.49	0.2	<5	140	<0.5	<2	0.38	<0.5	19	25	43	3.78	10	0.04	10	0.52	1001	<1	<0.01	16	590	4	<5	28	0.22	<10	<10	73	<5	142	--	--
L08W 04+50S	2.92	0.4	5	160	<0.5	<2	0.33	<0.5	19	32	56	3.45	10	0.05	10	0.73	10.3	<1	0.01	24	620	2	<5	27	0.19	<10	<10	81	<5	166	--	--
L08W 04+75S	2.73	0.2	10	170	<0.5	<2	0.39	<0.5	17	35	117	4.24	10	0.06	10	0.95	1[illegible]	<1	0.01	20	720	10	<5	24	0.19	<10	<10	103	<5	86	--	--
L08W 05+00S	1.89	0.4	<5	130	<0.5	<2	0.43	<0.5	12	24	34	2.84	10	0.04	10	0.54	200	<1	<0.01	17	520	10	<5	23	0.21	<10	<10	76	<5	94	--	--

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Certified by .....

CHEMEX LABS LTD.

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• ANALYTICAL CHEMISTS • GEOCHEMISTS • REGISTERED ASSAYERS

Semi quantitative multi element ICP analysis

Nitric-Aqua-Regia digestion of 0.5 gm of material followed by ICP analysis. Since this digestion is incomplete for many minerals, values reported for Al, Sb, Ba, Be, Ca, Cr, Ga, La, Mg, K, Na, Sr, Tl, Ti, W and V can only be considered as semi-quantitative.

CERTIFICATE OF ANALYSIS

TO : ROSSBACHER LABORATORY LIMITED

2225 SOUTH SPRINGER AVENUE
BURNABY, B.C.
V5B 3N1

CERT. # : A88[illegible]135-0[illegible]-A
INVOICE # : I88[illegible]135
DATE : 11-[illegible]-88
P.O. # : NONE
V2405 R-[illegible]-H

COMMENTS :
ATTN: PETER ROSSBACHER

Sample description	Al %	Ag ppm	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm		
L08W 05+25S	3.62	0.2	5	130	<0.5	<2	0.32	<0.5	16	36	79	4.41	10	0.06	10	0.87	818	<1	0.01	27	1050	4	<5	25	0.19	<10	<10	102	<5	144	--	--
L08W 05+50S	1.96	<0.2	<5	170	<0.5	<2	0.43	<0.5	11	23	31	2.60	10	0.05	10	0.47	2307	<1	<0.01	13	850	6	<5	29	0.20	<10	<10	70	<5	106	--	--
L08W 05+75S	2.66	<0.2	10	110	<0.5	<2	0.39	<0.5	13	31	76	3.62	10	0.05	10	0.72	[illegible]	<1	0.01	20	1410	6	<5	22	0.22	<10	<10	93	<5	88	--	--
L08W 06+00S	2.14	<0.2	<5	240	<0.5	<2	0.33	<0.5	11	27	37	3.10	10	0.04	10	0.45	[illegible]	<1	<0.01	13	1480	30	<5	24	0.19	<10	<10	82	<5	96	--	--
L08W 06+25S	1.67	<0.2	<5	60	<0.5	<2	0.32	<0.5	5	20	21	2.67	10	0.03	10	0.42	[illegible]	<1	<0.01	11	320	3	<5	27	0.17	<10	<10	72	<5	54	--	--
L08W 06+50S	1.31	<0.2	<5	120	<0.5	<2	0.40	<0.5	5	15	16	2.16	10	0.04	10	0.33	467	<1	<0.01	6	260	8	<5	38	0.15	<10	<10	66	<5	38	--	--
L08W 06+75S	3.13	<0.2	<5	180	<0.5	<2	0.18	<0.5	14	39	28	3.80	<10	0.08	20	0.89	572	<1	<0.01	17	390	6	<5	13	0.03	<10	<10	78	<5	70	--	--
L08W 07+00S	2.18	<0.2	5	210	<0.5	<2	0.40	<0.5	12	31	42	3.33	10	0.05	10	0.62	1234	<1	<0.01	20	1230	8	<5	18	0.14	<10	<10	75	<5	134	--	--
L09W 04+00N	2.21	0.2	<5	200	<0.5	<2	1.36	<0.5	15	29	60	2.57	<10	0.05	10	0.52	[illegible]	<1	<0.01	22	820	14	<5	33	0.08	<10	<10	56	<5	70	--	--
L09W 03+75N	3.55	<0.2	5	230	<0.5	<2	0.47	0.5	24	46	88	4.59	10	0.06	20	0.78	2472	<1	0.01	27	550	8	<5	23	0.15	<10	<10	99	<5	112	--	--
L09W 03+50N	3.39	0.2	5	180	<0.5	<2	0.39	<0.5	15	41	77	5.04	10	0.06	10	0.84	778	<1	0.01	27	520	9	<5	31	0.21	<10	<10	120	<5	124	--	--
L09W 03+25N	1.10	<0.2	5	110	<0.5	<2	0.38	<0.5	4	16	17	2.18	10	0.03	10	0.31	292	<1	<0.01	8	440	12	<5	26	0.12	<10	<10	70	<5	58	--	--
L09W 03+00N	3.00	<0.2	<5	130	<0.5	<2	0.46	<0.5	16	38	96	4.19	10	0.06	10	0.92	1056	<1	0.01	23	680	10	<5	27	0.25	<10	<10	104	<5	92	--	--
L09W 02+75N	3.51	<0.2	5	120	<0.5	<2	0.37	<0.5	21	43	106	4.60	10	0.06	10	0.97	[illegible]	<1	0.01	32	930	6	<5	24	0.27	<10	<10	112	<5	96	--	--
L09W 02+50N	3.66	1.2	10	140	<0.5	<2	0.30	<0.5	78	37	109	4.41	20	0.05	20	0.64	[illegible]	<1	0.01	22	520	6	<5	23	0.26	<10	<10	111	<5	120	--	--
L09W 02+25N	2.27	<0.2	<5	80	<0.5	<2	0.35	<0.5	20	26	52	3.27	20	0.03	[illegible]	0.47	[illegible]	<1	0.01	13	320	4	<5	21	0.21	<10	<10	69	<5	68	--	--
L09W 02+00N	3.24	0.2	5	120	<0.5	<2	0.28	<0.5	24	38	87	4.19	10	0.07	[illegible]	0.71	[illegible]	<1	<0.01	24	990	10	<5	17	0.22	<10	<10	97	<5	110	--	--
L09W 01+75N	2.60	<0.2	5	90	<0.5	<2	0.19	<0.5	13	32	53	4.24	10	0.04	10	0.58	545	<1	<0.01	17	590	10	<5	14	0.20	<10	<10	97	<5	98	--	--
L09W 01+50N	2.32	<0.2	5	90	<0.5	<2	0.18	<0.5	12	27	46	3.56	10	0.03	<10	0.52	939	<1	<0.01	16	630	6	<5	14	0.17	<10	<10	80	<5	72	--	--
L09W 01+25N	1.11	<0.2	<5	50	<0.5	<2	0.19	<0.5	5	17	15	2.38	10	0.02	<10	0.33	452	<1	<0.01	6	330	6	<5	12	0.20	<10	<10	66	<5	50	--	--
L09W 01+00N	1.83	<0.2	<5	70	<0.5	<2	0.21	<0.5	5	19	25	2.48	10	0.02	<10	0.29	[illegible]	<1	<0.01	7	320	10	<5	12	0.16	<10	<10	58	<5	62	--	--
L09W 00+75N	4.15	<0.2	10	180	<0.5	<2	0.26	<0.5	20	48	108	4.99	10	0.07	[illegible]	0.98	1352	<1	<0.01	33	1110	10	<5	25	0.22	<10	<10	112	<5	116	--	--
L09W 00+50N	3.30	<0.2	<5	200	<0.5	<2	0.33	0.5	25	44	122	5.03	10	0.10	[illegible]	1.30	[illegible]	<1	[illegible]	35	590	4	<5	27	0.24	<10	<10	117	<5	94	--	--
L09W 00+25N	4.09	<0.2	5	210	<0.5	<2	0.26	<0.5	24	50	106	4.90	10	0.09	[illegible]	1.08	[illegible]	<1	<0.01	36	860	4	<5	28	0.23	<10	<10	109	<5	106	--	--
L09W 00+00 BL	3.82	<0.2	5	210	<0.5	<2	0.29	<0.5	24	51	107	4.92	10	0.09	[illegible]	1.17	[illegible]	<1	0.01	39	540	2	<5	32	0.26	<10	<10	109	<5	104	--	--
L09W 00+25S	4.24	<0.2	10	230	<0.5	<2	0.23	<0.5	24	56	126	5.42	20	0.12	[illegible]	1.33	[illegible]	<1	<0.01	42	690	4	<5	28	0.28	<10	<10	122	<5	112	--	--
L09W 00+50S	3.54	<0.2	10	230	<0.5	<2	0.27	<0.5	27	46	131	5.07	10	0.11	[illegible]	1.22	[illegible]	<1	[illegible]	37	[illegible]	4	<5	25	0.24	<10	<10	116	<5	100	--	--
L09W 00+75S	4.23	<0.2	10	170	<0.5	<2	0.27	<0.5	20	47	115	4.73	10	0.07	[illegible]	1.04	[illegible]	<1	<0.01	35	[illegible]	4	<5	20	0.23	<10	<10	105	<5	104	--	--
L09W 01+00S	2.51	0.2	<5	210	<0.5	<2	0.22	<0.5	17	34	43	3.57	10	0.05	[illegible]	0.62	[illegible]	<1	[illegible]	24	300	15	<5	17	0.13	<10	<10	84	<5	120	--	--
L09W 01+25S	2.96	<0.2	10	240	<0.5	<2	0.29	<0.5	24	42	110	4.66	10	0.08	10	1.11	1655	<1	<0.01	53	660	8	<5	23	0.20	<10	<10	103	<5	102	--	--
L09W 01+50S	2.73	0.2	5	390	<0.5	<2	0.46	<0.5	21	32	40	3.64	10	0.09	10	0.52	3522	<1	0.01	22	1540	8	<5	31	0.20	<10	<10	81	<5	182	--	--
L09W 01+75S	3.00	<0.2	<5	290	<0.5	<2	0.38	<0.5	19	35	49	4.09	10	0.08	10	0.81	1715	<1	0.01	30	770	8	<5	30	0.19	<10	<10	93	<5	136	--	--
L09W 02+00S	4.80	<0.2	15	300	<0.5	<2	0.28	<0.5	25	55	139	5.31	10	0.10	[illegible]	1.32	[illegible]	<1	0.01	45	410	2	<5	32	0.25	<10	<10	120	<5	104	--	--
L09W 02+25S	3.62	<0.2	5	270	<0.5	<2	0.24	<0.5	36	45	100	4.76	10	0.19	10	1.13	[illegible]	<1	0.01	35	451	4	<5	29	0.23	<10	<10	106	<5	122	--	--
L09W 02+50S	3.12	<0.2	5	360	<0.5	<2	0.34	<0.5	23	35	66	4.05	10	0.09	[illegible]	0.77	[illegible]	<1	<0.01	25	1700	4	<5	27	0.16	<10	<10	86	<5	152	--	--
L09W 02+75S	3.00	<0.2	5	310	<0.5	<2	0.33	0.5	18	33	85	3.59	10	0.16	10	0.65	3151	<1	0.01	26	1400	20	<5	25	0.13	<10	<10	84	<5	140	--	--
L09W 03+00S	3.53	<0.2	10	250	<0.5	<2	0.26	<0.5	22	42	93	4.51	10	0.08	10	0.89	1277	<1	<0.01	31	840	4	<5	25	0.21	<10	<10	101	<5	122	--	--
L09W 03+25S	1.95	<0.2	10	370	<0.5	<2	0.40	<0.5	16	24	34	2.87	10	0.06	10	0.51	2813	<1	<0.01	16	720	22	<5	26	0.16	<10	<10	66	<5	122	--	--
L09W 03+50S	3.54	<0.2	10	240	<0.5	<2	0.21	<0.5	22	46	120	4.74	10	0.07	10	1.15	[illegible]	<1	<0.01	35	320	2	<5	25	0.21	<10	<10	104	<5	104	--	--
L09W 03+75S	3.02	<0.2	10	220	<0.5	<2	0.25	<0.5	13	38	83	3.04	10	0.05	10	0.88	[illegible]	<1	<0.01	32	330	9	<5	19	0.12	<10	<10	82	<5	114	--	--

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CERTIFICATE OF ANALYSIS

TO : ROSSBACHER LABORATORY LIMITED

2225 SOUTH SPRINGER AVENUE
BURNABY, B.C.
V5B 3N1

CERT. # : A86[illegible]5-[illegible]-A
INVOICE # : I86[illegible]5
DATE : 11-[illegible]-86
P.O. # : NONE
V2406 [illegible]

Semi quantitative multi element ICP analysis

Nitric-Aqua-Regia digestion of 0.5 gm of material followed by ICP analysis. Since this digestion is incomplete for many minerals, values reported for Al, Sb, Ba, Be, Ca, Cr, Ga, La, Mg, K, Na, Sr, Tl, Ti, W and V can only be considered as semi-quantitative.

COMMENTS :
ATTN: PETER ROSSBACHER

Sample description	Al %	Ag ppm	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm		
L09W 04+00S	2.54	<0.2	<5	300	<0.5	<2	0.41	0.5	20	30	50	3.46	10	0.07	10	0.58	2421	<1	0.01	22	1810	10	<5	27	0.17	<10	<10	72	<5	186	--	--
L09W 04+25S	3.88	<0.2	5	230	<0.5	<2	0.22	0.5	26	48	128	5.00	10	0.03	10	1.05	1294	<1	0.01	38	1050	6	<5	21	0.23	<10	<10	108	<5	142	--	--
L09W 04+50S	2.72	<0.2	5	140	<0.5	<2	0.26	<0.5	20	50	101	4.42	10	0.05	10	1.06	[illegible]	<1	0.01	23	590	12	<5	19	0.25	<10	<10	108	<5	92	--	--
L09W 04+75S	2.53	<0.2	10	270	<0.5	<2	0.45	<0.5	17	23	138	3.57	10	0.07	[illegible]	0.59	[illegible]	<1	<0.01	20	1290	14	<5	24	[illegible]	<10	<10	81	<5	152	--	--
L09W 05+00S	[illegible]	<0.2	5	210	<0.5	<2	0.44	<0.5	16	29	48	3.75	10	0.05	[illegible]	0.64	[illegible]	<1	<0.01	[illegible]	[illegible]	3	<5	25	0.21	<10	<10	102	<5	122	--	--
L09W 05+25S	1.20	<0.2	<5	230	<0.5	<2	0.83	0.5	7	17	37	1.73	<10	0.08	10	0.30	[illegible]	<1	0.01	12	650	26	<5	38	0.06	<10	<10	40	<5	86	--	--
L09W 05+50S	4.76	0.6	15	670	1.0	<2	0.86	1.0	30	53	310	5.80	10	0.10	20	0.68	1466	<1	0.01	52	650	12	<5	46	0.65	<10	<10	134	<5	116	--	--
L09W 05+75S	2.82	<0.2	5	650	<0.5	<2	0.62	0.5	22	33	125	4.74	<10	0.09	10	0.70	4150	<1	<0.01	21	940	20	<5	29	0.03	<10	<10	111	<5	110	--	--
L09W 06+00S	[illegible]	<0.2	5	320	<0.5	<2	0.46	<0.5	6	13	47	1.33	<10	0.06	<10	0.23	714	<1	<0.01	5	500	14	<5	20	0.03	<10	<10	33	<5	66	--	--
L09W 06+25S	2.67	0.4	15	250	<0.5	<2	0.27	<0.5	20	40	171	4.22	10	0.05	10	0.97	891	<1	0.01	30	350	6	<5	24	0.16	<10	<10	100	<5	116	--	--
L09W 06+50S	1.91	<0.2	5	180	<0.5	<2	0.30	<0.5	12	28	50	2.99	10	0.03	<10	0.52	[illegible]	<1	<0.01	16	370	12	<5	15	0.12	<10	<10	66	<5	102	--	--
L09W 06+75S	1.89	<0.2	10	210	<0.5	<2	0.27	<0.5	12	25	57	3.43	10	0.03	<10	0.62	1221	<1	<0.01	18	980	8	<5	12	0.13	<10	<10	72	<5	88	--	--
L09W 07+00S	2.60	<0.2	5	220	<0.5	<2	0.46	0.5	18	44	98	4.19	10	0.08	10	1.02	939	<1	0.01	34	500	6	<5	18	0.16	<10	<10	91	<5	104	--	--
L10W 04+00N	3.02	<0.2	10	170	<0.5	<2	0.30	<0.5	15	40	85	4.98	10	0.04	10	0.89	654	<1	<0.01	28	440	6	<5	19	0.19	<10	<10	110	<5	90	--	--
L10W 03+75N	3.23	<0.2	10	110	<0.5	<2	0.17	<0.5	14	38	92	4.40	10	0.03	[illegible]	0.90	[illegible]	<1	<0.01	26	390	2	<5	14	0.23	<10	<10	96	<5	88	--	--
L10W 03+50N	3.31	<0.2	<5	140	<0.5	<2	0.27	<0.5	15	55	68	3.34	10	0.14	10	0.74	754	<1	<0.01	22	700	4	<5	17	[illegible]	<10	<10	83	<5	94	--	--
L10W 03+25N	1.51	<0.2	<5	60	<0.5	<2	0.18	<0.5	6	19	41	2.34	10	0.02	[illegible]	0.41	[illegible]	<1	<0.01	11	230	6	<5	13	0.15	<10	<10	73	<5	62	--	--
L10W 03+00N	3.43	<0.2	5	130	<0.5	<2	0.19	<0.5	18	43	97	4.38	10	0.05	10	0.99	1057	<1	<0.01	33	650	6	<5	16	0.22	<10	<10	95	<5	106	--	--
L10W 02+75N	2.53	<0.2	<5	160	<0.5	<2	0.24	<0.5	16	29	60	3.54	10	0.05	10	0.45	1115	<1	<0.01	17	790	4	<5	17	0.13	<10	<10	76	<5	80	--	--
L10W 02+50N	2.27	<0.2	5	80	<0.5	<2	0.15	<0.5	9	29	44	3.55	10	0.03	<10	0.56	384	<1	<0.01	17	560	6	<5	12	0.15	<10	<10	79	<5	70	--	--
L10W 02+25N	0.55	0.2	<5	60	<0.5	<2	0.10	<0.5	4	13	12	2.07	10	0.02	<10	0.26	[illegible]	<1	<0.01	7	[illegible]	6	<5	6	0.09	<10	<10	51	<5	42	--	--
L10W 02+00N	3.05	<0.2	5	110	<0.5	<2	0.08	<0.5	13	37	64	4.03	10	0.03	<10	0.73	462	<1	<0.01	24	570	6	<5	6	0.12	<10	<10	78	<5	86	--	--
L10W 01+75N	3.45	<0.2	5	150	<0.5	<2	0.07	<0.5	18	42	58	4.35	10	0.04	[illegible]	0.95	[illegible]	<1	<0.01	22	500	4	<5	9	0.27	<10	<10	87	<5	110	--	--
L10W 01+50N	1.87	<0.2	<5	120	<0.5	<2	0.19	<0.5	10	23	33	2.73	10	0.03	<10	0.51	1307	<1	<0.01	15	570	8	<5	12	0.11	<10	<10	56	<5	88	--	--
L10W 01+25N	4.52	<0.2	<5	160	<0.5	<2	0.13	<0.5	13	53	129	4.03	10	0.05	10	0.90	755	<1	<0.01	36	850	6	<5	13	0.26	<10	<10	98	<5	116	--	--
L10W 01+00N	3.66	<0.2	5	210	<0.5	<2	0.16	<0.5	22	50	120	4.37	10	0.07	10	1.14	1636	<1	<0.01	39	860	6	<5	17	0.21	<10	<10	105	<5	126	--	--
L10W 00+75N	[illegible]	<0.2	10	240	<0.5	<2	[illegible]	0.5	27	47	[illegible]	[illegible]	10	0.08	[illegible]	1.19	[illegible]	<1	<0.01	39	710	4	<5	19	0.21	<10	<10	[illegible]	<5	119	--	--
L10W 00+50N	[illegible]	<0.2	<5	130	<0.5	<2	[illegible]	<0.5	23	47	109	4.28	10	0.07	[illegible]	1.07	[illegible]	<1	<0.01	25	900	3	<5	14	[illegible]	<10	<10	103	<5	116	--	--
L10W 00+25N	3.40	<0.2	5	190	<0.5	<2	[illegible]	<0.5	22	44	136	[illegible]	10	[illegible]	[illegible]	1.07	[illegible]	<1	<0.01	24	[illegible]	3	<5	15	[illegible]	<10	<10	100	<5	110	--	--
L10W 00+00 BL	1.79	<0.2	<5	170	<0.5	<2	0.15	<0.5	15	22	23	2.73	<10	0.02	<10	0.46	1870	<1	<0.01	13	620	6	<5	11	0.10	<10	<10	53	<5	86	--	--
L10W 00+25S	3.67	<0.2	5	190	<0.5	<2	0.10	<0.5	22	48	112	4.87	10	0.05	10	1.15	[illegible]	<1	<0.01	37	700	2	<5	10	0.19	<10	<10	99	<5	116	--	--
L10W 00+50S	4.05	<0.2	5	150	<0.5	<2	0.09	<0.5	17	41	75	4.04	10	0.04	<10	0.83	444	<1	<0.01	31	810	4	<5	8	0.12	<10	<10	70	<5	130	--	--
L10W 00+75S	2.47	0.2	<5	130	<0.5	<2	0.11	<0.5	19	31	60	3.40	<10	0.03	[illegible]	0.79	[illegible]	<1	<0.01	[illegible]	[illegible]	6	<5	7	[illegible]	<10	<10	60	<5	114	--	--
L10W 01+00S	[illegible]	<0.2	<5	230	<0.5	<2	0.21	<0.5	[illegible]	15	12	[illegible]	<10	[illegible]	[illegible]	0.29	[illegible]	<1	<0.01	9	300	6	<5	[illegible]	0.08	<10	<10	35	<5	110	--	--
L10W 01+25S	[illegible]	<0.2	5	250	<0.5	<2	0.19	<0.5	16	33	49	3.70	10	0.04	[illegible]	0.90	[illegible]	<1	<0.01	24	[illegible]	4	<5	12	0.11	<10	<10	73	<5	112	--	--
L10W 01+50S	2.87	<0.2	5	130	<0.5	<2	0.18	<0.5	17	38	68	4.37	10	0.03	<10	0.86	544	<1	<0.01	31	720	4	<5	9	0.18	<10	<10	88	<5	134	--	--
L10W 01+75S	2.04	<0.2	5	220	<0.5	<2	0.26	<0.5	16	27	48	3.21	10	0.03	10	0.61	[illegible]	<1	<0.01	19	800	14	<5	15	0.13	<10	<10	66	<5	116	--	--
L10W 02+00S	2.62	<0.2	10	240	<0.5	<2	0.21	<0.5	16	36	61	3.81	10	0.05	[illegible]	0.81	[illegible]	<1	<0.01	26	1640	6	<5	13	0.12	<10	<10	75	<5	134	--	--
L10W 02+25S	[illegible]	<0.2	5	180	<0.5	<2	[illegible]	<0.5	21	35	54	[illegible]	10	[illegible]	[illegible]	0.85	[illegible]	<1	<0.01	23	[illegible]	[illegible]	<5	9	[illegible]	<10	<10	75	<5	102	--	--
L10W 02+50S	[illegible]	<0.2	<5	240	<0.5	<2	[illegible]	<0.5	[illegible]	29	53	[illegible]	<10	[illegible]	[illegible]	0.67	[illegible]	<1	<0.01	22	[illegible]	[illegible]	<5	12	[illegible]	<10	<10	34	<5	[illegible]	--	--

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CERTIFICATE OF ANALYSIS

TO : NUSSBACHER LABORATORY LIMITED

2225 SOUTH SPRINGER AVENUE
BURNABY, B.C.
V5B 3N1

CERT. # : A86[illegible]135-0[illegible]-A
INVOICE # : I86[illegible]135
DATE : 11-[illegible]-86
P.O. # : NONE
V1403 GAL[illegible] H

Semi quantitative multi element ICP analysis

Nitric-Aqua-Regia digestion of 0.5 gm of material followed by ICP analysis. Since this digestion is incomplete for many minerals, values reported for Al, Sb, Ba, Be, Ca, Cr, Ga, La, Mg, K, Na, Sr, Tl, Ti, W and V can only be considered as semi-quantitative.

COMMENTS :
ATTN: PETER NUSSBACHER

Sample description	Al %	Ag ppm	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	K %	La ppm	Mg %
L10W 02+75S	2.49	0.2	5	200	<0.5	<2	0.28	<0.5	17	32	55	3.57	10	0.06	10	0.96
L10W 03+00S	3.23	0.2	5	250	<0.5	<2	0.10	<0.5	21	42	113	4.47	10	0.06	10	1.13
L10W 03+25S	2.71	0.2	20	240	<0.5	<2	0.10	<0.5	19	33	76	3.76	10	0.05	10	0.73
L10W 03+50S	3.14	0.2	5	250	<0.5	<2	0.22	<0.5	21	36	95	4.15	10	0.06	10	0.84
L10W 03+75S	[illegible]	0.4	5	210	<0.5	<2	0.17	<0.5	19	32	75	3.83	10	0.05	[illegible]	0.78
L10W 04+00S	2.21	0.2	5	190	<0.5	<2	0.27	<0.5	17	28	58	3.38	10	0.05	10	0.61
L10W 04+25S	3.56	0.2	<5	230	<0.5	<2	0.21	<0.5	21	43	112	4.56	10	0.06	10	0.96
L10W 04+50S	2.85	0.2	10	210	<0.5	<2	0.26	<0.5	22	40	106	4.26	10	0.07	10	1.01
L10W 04+75S	2.08	0.2	5	330	<0.5	<2	0.36	<0.5	27	17	100	3.98	10	0.05	10	0.54
L10W 05+00S	1.77	0.4	<5	200	<0.5	<2	0.38	<0.5	12	36	124	3.07	10	0.03	10	0.68
L10W 05+25S	2.11	0.2	10	340	<0.5	<2	0.21	<0.5	12	33	44	3.81	<10	0.04	10	0.56
L10W 05+50S	2.64	0.4	20	820	<0.5	<2	0.85	0.5	22	25	146	3.57	<10	0.09	30	0.48
L10W 05+75S	1.78	0.2	10	520	<0.5	<2	0.40	<0.5	15	16	50	3.11	<10	0.05	10	0.47
L10W 06+00S	1.49	0.2	<5	240	<0.5	<2	0.21	<0.5	11	16	31	2.56	<10	0.03	<10	0.41
L10W 06+25S	2.45	0.2	30	390	<0.5	<2	0.23	<0.5	23	36	167	5.40	<10	0.07	10	0.54
L10W 06+50S	2.74	0.5	10	230	<0.5	<2	0.21	<0.5	15	32	107	4.00	<10	0.05	10	0.79
L10W 06+75S	2.27	0.2	5	220	<0.5	<2	0.19	<0.5	16	31	85	3.62	<10	0.06	10	0.69
L10W 07+00S	2.22	0.2	10	170	<0.5	<2	0.52	<0.5	17	40	76	3.58	<10	0.06	10	0.99
L11W 04+00N	2.91	0.6	<5	130	<0.5	<2	0.20	<0.5	16	37	78	4.36	10	0.03	<10	0.65
L11W 03+75N	2.35	0.4	<5	130	<0.5	<2	0.13	<0.5	12	31	59	3.66	10	0.02	<10	0.57
L11W 03+50N	3.59	0.4	10	260	<0.5	<2	0.22	<0.5	25	50	113	4.91	<10	0.06	[illegible]	0.97
L11W 03+25N	[illegible]	0.4	10	80	<0.5	<2	[illegible]	<0.5	10	30	37	4.11	<10	0.02	[illegible]	0.58
L11W 03+00N	2.25	0.2	5	100	<0.5	<2	0.13	<0.5	11	29	45	3.45	<10	0.03	[illegible]	0.55
L11W 02+75N	3.36	0.2	<5	150	<0.5	<2	0.11	<0.5	21	40	80	4.24	<10	0.04	<10	0.95
L11W 02+50N	2.56	0.2	<5	360	<0.5	<2	0.19	<0.5	19	34	51	3.39	<10	0.04	<10	0.85
L11W 02+25N	1.52	0.2	<5	110	<0.5	<2	0.16	<0.5	7	19	14	2.34	<10	0.02	<10	0.35
L11W 02+00N	4.17	0.2	5	[illegible]	<0.5	<2	0.10	<0.5	22	51	64	[illegible]	<10	0.06	[illegible]	1.05
L11W 01+75N	2.64	0.4	<5	200	<0.5	<2	0.11	<0.5	15	34	55	3.12	<10	0.03	[illegible]	0.72
L11W 01+50N	2.75	0.2	10	170	<0.5	<2	0.11	<0.5	17	37	65	3.55	<10	0.04	[illegible]	0.84
L11W 01+25N	4.26	0.4	10	250	<0.5	<2	0.10	<0.5	20	53	106	4.87	10	0.05	<10	1.10
L11W 01+00N	3.71	0.2	15	290	<0.5	<2	0.25	<0.5	30	55	132	5.73	10	0.10	10	1.47
L11W 00+75N	2.94	0.2	10	180	<0.5	<2	0.17	<0.5	18	39	64	4.08	<10	0.05	<10	0.37
L11W 00+50N	3.93	0.2	5	190	<0.5	<2	0.11	<0.5	23	56	102	5.10	10	0.07	[illegible]	1.26
L11W 00+25N	2.02	0.2	5	170	<0.5	<2	0.19	<0.5	14	28	24	3.19	<10	0.03	[illegible]	0.66
L11W 00+00 BL	2.20	0.2	5	170	<0.5	<2	0.22	<0.5	13	29	31	3.47	<10	0.03	[illegible]	0.72
L11W 00+25S	2.74	0.2	5	140	<0.5	<2	0.12	<0.5	18	37	64	3.98	<10	0.04	<10	0.88
L11W 00+50S	3.06	0.2	5	240	<0.5	<2	0.15	<0.5	19	32	39	3.74	<10	0.04	<10	0.67
L11W 00+75S	3.72	0.2	<5	200	<0.5	<2	0.17	<0.5	19	41	52	4.62	<10	0.04	<10	0.90
L11W 01+00S	2.68	0.2	<5	130	<0.5	<2	0.15	<0.5	13	35	42	3.52	<10	0.03	<10	1.01
L11W 01+25S	1.26	0.2	<5	170	<0.5	<2	0.31	<0.5	11	16	10	2.15	<10	0.05	<10	0.40

Sample description	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm		
L10W 02+75S	1563	<1	<0.01	26	600	6	<5	22	0.13	<10	<10	73	<5	116	--	--
L10W 03+00S	1152	<1	<0.01	32	480	2	<5	12	0.14	<10	<10	91	<5	90	--	--
L10W 03+25S	[illegible]	<1	<0.01	25	850	4	10	10	0.11	<10	<10	73	<5	104	--	--
L10W 03+50S	[illegible]	<1	<0.01	31	1010	2	<5	15	0.13	<10	<10	91	<5	142	--	--
L10W 03+75S	[illegible]	<1	<0.01	24	320	10	<5	14	0.15	<10	<10	60	<5	112	--	--
L10W 04+00S	[illegible]	<1	<0.01	21	700	12	<5	16	0.14	<10	<10	73	<5	104	--	--
L10W 04+25S	1054	<1	<0.01	33	590	6	<5	16	0.17	<10	<10	99	<5	106	--	--
L10W 04+50S	1313	<1	<0.01	30	600	10	<5	17	0.17	<10	<10	95	<5	112	--	--
L10W 04+75S	[illegible]	<1	<0.01	16	540	18	<5	20	0.11	<10	<10	127	<5	134	--	--
L10W 05+00S	[illegible]	<1	<0.01	19	430	10	<5	19	0.10	<10	<10	70	<5	102	--	--
L10W 05+25S	[illegible]	<1	<0.01	16	620	12	<5	13	0.02	<10	<10	71	<5	100	--	--
L10W 05+50S	[illegible]	<1	<0.01	23	1260	24	<5	40	0.02	<10	<10	59	<5	214	--	--
L10W 05+75S	3485	<1	<0.01	12	570	14	<5	20	0.03	<10	<10	52	<5	136	--	--
L10W 06+00S	[illegible]	<1	<0.01	10	440	6	<5	9	0.05	<10	<10	51	<5	88	--	--
L10W 06+25S	[illegible]	<1	<0.01	25	1120	4	<5	11	<0.01	<10	<10	90	<5	130	--	--
L10W 06+50S	[illegible]	<1	<0.01	23	790	8	<5	10	0.06	<10	<10	77	<5	130	--	--
L10W 06+75S	[illegible]	<1	<0.01	21	1120	8	<5	8	0.05	<10	<10	71	<5	122	--	--
L10W 07+00S	[illegible]	<1	0.01	28	530	8	<5	18	0.09	<10	<10	76	<5	102	--	--
L11W 04+00N	511	<1	<0.01	29	640	6	<5	10	0.13	<10	<10	90	<5	110	--	--
L11W 03+75N	384	<1	<0.01	20	320	4	<5	8	0.11	<10	<10	78	<5	78	--	--
L11W 03+50N	[illegible]	<1	<0.01	48	340	6	<5	15	0.17	<10	<10	115	<5	104	--	--
L11W 03+25N	[illegible]	<1	<0.01	21	500	6	<5	6	0.13	<10	<10	38	<5	84	--	--
L11W 03+00N	[illegible]	<1	[illegible]	15	740	12	<5	7	0.11	<10	<10	71	<5	50	--	--
L11W 02+75N	1434	<1	<0.01	33	610	14	<5	8	0.15	<10	<10	82	<5	134	--	--
L11W 02+50N	[illegible]	<1	<0.01	27	320	10	<5	11	0.13	<10	<10	80	<5	110	--	--
L11W 02+25N	475	<1	<0.01	13	530	10	<5	10	0.10	<10	<10	51	<5	74	--	--
L11W 02+00N	[illegible]	<1	<0.01	42	[illegible]	20	<5	10	0.12	<10	<10	109	<5	146	--	--
L11W 01+75N	[illegible]	<1	<0.01	24	1150	4	<5	7	0.11	<10	<10	60	<5	106	--	--
L11W 01+50N	[illegible]	<1	<0.01	25	520	10	<5	9	0.13	<10	<10	65	<5	104	--	--
L11W 01+25N	641	<1	<0.01	44	710	8	<5	9	0.20	<10	<10	107	<5	128	--	--
L11W 01+00N	[illegible]	<1	<0.01	48	800	8	<5	22	0.22	<10	<10	136	<5	118	--	--
L11W 00+75N	[illegible]	<1	<0.01	31	730	8	<5	11	0.14	<10	<10	89	<5	104	--	--
L11W 00+50N	[illegible]	<1	<0.01	45	[illegible]	2	<5	12	0.19	<10	<10	117	<5	114	--	--
L11W 00+25N	[illegible]	<1	<0.01	21	480	12	<5	12	0.12	<10	<10	60	<5	94	--	--
L11W 00+00 BL	[illegible]	<1	<0.01	22	550	10	<5	11	0.11	<10	<10	68	<5	108	--	--
L11W 00+25S	[illegible]	<1	<0.01	29	600	8	<5	10	0.16	<10	<10	86	<5	88	--	--
L11W 00+50S	1147	<1	<0.01	24	620	6	<5	10	0.10	<10	<10	73	<5	118	--	--
L11W 00+75S	[illegible]	<1	<0.01	32	1100	10	<5	12	0.15	<10	<10	90	<5	124	--	--
L11W 01+00S	[illegible]	<1	<0.01	25	[illegible]	10	<5	9	0.14	<10	<10	79	<5	102	--	--
L11W 01+25S	[illegible]	<1	<0.01	19	410	12	<5	13	0.10	<10	<10	46	<5	82	--	--

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CERTIFICATE OF ANALYSIS

TO : ROSSBACHER LABORATORY LIMITED
2225 SOUTH SPRINGER AVENUE
BURNABY, B.C.
V5B 3N1

CERT. # : A86[illegible]35-014-A
INVOICE # : I86[illegible]35
DATE : 11-DEC-86
P.O. # : NONE
72409 [illegible]

Semi quantitative multi element ICP analysis

Nitric-Aqua-Regia digestion of 0.5 gm of material followed by ICP analysis. Since this digestion is incomplete for many minerals, values reported for Al, Sb, Ba, Be, Ca, Cr, Ga, La, Mg, K, Na, Sr, Tl, Ti, W and V can only be considered as semi-quantitative.

COMMENTS :
ATTN: PETER ROSSBACHER

Sample description	Al %	Ag ppm	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm		
L11W 01+50S	3.48	0.2	5	210	<0.5	<2	0.37	<0.5	20	43	68	4.36	10	0.07	10	0.99	809	<1	0.01	34	550	2	<5	23	0.22	<10	<10	102	<5	116	--	--
L11W 01+75S	4.59	0.2	<5	220	<0.5	<2	0.24	<0.5	22	49	75	5.02	10	0.08	10	0.90	675	<1	<0.01	37	850	4	<5	19	0.21	<10	<10	110	<5	130	--	--
L11W 02+00S	3.28	0.2	5	330	<0.5	<2	0.25	<0.5	22	39	54	4.55	10	0.07	10	0.67	1335	<1	0.01	31	1220	6	<5	19	0.15	<10	<10	101	<5	140	--	--
L11W 02+25S	2.79	0.2	5	380	<0.5	<2	0.56	<0.5	21	35	45	3.87	10	0.05	10	0.76	4742	<1	0.01	23	440	18	<5	30	0.13	<10	<10	72	<5	126	--	--
L11W 02+50S	2.54	0.4	<5	180	<0.5	<2	0.47	<0.5	19	31	23	4.01	10	0.06	10	0.84	[illegible]	<1	0.01	22	540	10	<5	22	0.22	<10	<10	59	<5	138	--	--
L11W 02+75S	4.56	0.2	<5	200	<0.5	<2	0.26	<0.5	24	49	106	5.36	10	0.07	10	1.27	611	<1	0.01	42	700	2	<5	21	0.21	<10	<10	124	<5	128	--	--
L11W 03+00S	4.30	0.2	5	200	<0.5	<2	0.26	<0.5	23	49	95	5.37	10	0.06	10	1.33	747	<1	<0.01	40	710	6	<5	20	0.20	<10	<10	121	<5	128	--	--
L11W 03+25S	4.57	0.2	<5	290	<0.5	<2	0.23	<0.5	27	50	130	5.61	10	0.08	10	1.29	1635	<1	<0.01	43	770	16	<5	19	0.21	<10	<10	131	<5	138	--	--
L11W 03+50S	4.26	0.2	5	310	<0.5	<2	0.30	<0.5	25	47	111	5.37	10	0.07	10	1.25	2455	<1	<0.01	41	590	6	<5	24	0.22	<10	<10	121	<5	135	--	--
L11W 03+75S	2.70	0.2	10	270	<0.5	<2	0.25	<0.5	16	30	31	3.72	<10	0.04	<10	0.57	2857	<1	<0.01	23	1580	12	<5	15	0.14	<10	<10	76	<5	124	--	--
L11W 04+00S	4.52	0.2	5	270	<0.5	<2	0.42	<0.5	26	47	71	4.74	10	0.09	10	0.90	945	<1	0.01	43	650	<2	<5	29	0.21	<10	<10	109	<5	140	--	--
L11W 04+25S	3.74	0.2	5	260	<0.5	<2	0.46	<0.5	22	45	82	4.61	<10	0.11	10	0.89	1771	<1	0.01	35	770	8	<5	28	0.20	<10	<10	112	<5	140	--	--
L11W 04+50S	5.11	0.2	15	220	<0.5	<2	0.31	<0.5	26	54	128	5.30	<10	0.09	10	1.13	839	<1	0.01	49	760	<2	<5	24	0.24	<10	<10	125	<5	146	--	--
L11W 04+75S	2.67	0.2	10	230	<0.5	<2	0.35	<0.5	23	33	37	4.04	10	0.06	<10	0.53	1162	<1	<0.01	23	1390	6	<5	23	0.19	<10	<10	93	<5	174	--	--
L11W 05+00S	2.55	0.2	10	150	<0.5	<2	0.36	<0.5	13	32	41	4.34	10	0.04	10	0.57	552	<1	<0.01	22	590	<2	<5	22	0.22	<10	<10	109	<5	98	--	--
L11W 05+25S	2.23	0.2	<5	270	<0.5	<2	0.36	<0.5	13	51	22	3.18	<10	0.04	10	0.48	[illegible]	<1	<0.01	18	510	8	<5	24	0.13	<10	<10	81	<5	136	--	--
L11W 05+50S	4.85	0.2	20	410	<0.5	<2	0.40	<0.5	25	54	182	5.30	10	0.08	10	0.97	542	<1	0.01	41	600	10	<5	24	0.28	<10	<10	124	<5	160	--	--
L11W 05+75S	2.33	0.2	10	190	<0.5	<2	0.36	<0.5	11	30	54	4.70	10	0.04	10	0.53	418	<1	<0.01	20	530	10	<5	21	0.25	<10	<10	116	<5	118	--	--
L11W 06+00S	3.12	0.2	20	220	<0.5	<2	0.30	<0.5	19	41	113	4.91	10	0.07	10	0.63	568	<1	0.01	34	630	8	<5	18	0.22	<10	<10	121	<5	182	--	--
L11W 06+25S	2.97	0.2	15	300	<0.5	<2	0.25	<0.5	21	49	169	4.53	<10	0.06	10	0.91	1403	<1	<0.01	40	730	14	<5	12	0.07	<10	<10	81	<5	206	--	--
L11W 06+50S	3.75	0.2	15	650	<0.5	<2	0.86	<0.5	24	46	81	4.66	10	0.14	10	0.72	4053	<1	0.01	28	1550	22	<5	30	0.04	<10	<10	105	<5	266	--	--
L11W 06+75S	3.66	0.4	10	260	<0.5	<2	0.31	<0.5	23	46	146	5.12	<10	0.12	10	1.22	1145	<1	0.01	35	760	8	<5	14	0.11	<10	<10	135	<5	134	--	--
L12W 04+00N	1.59	0.2	15	110	<0.5	<2	0.55	<0.5	8	31	25	3.28	10	0.03	10	0.41	351	<1	<0.01	14	250	10	<5	25	0.14	<10	<10	125	<5	88	--	--
L12W 03+75N	1.86	0.2	5	140	<0.5	<2	0.51	<0.5	8	25	10	2.80	10	0.03	10	0.35	260	<1	<0.01	13	240	12	<5	22	0.15	<10	<10	91	<5	102	--	--
L12W 03+50N	1.72	0.2	5	80	<0.5	<2	0.27	<0.5	7	30	15	3.82	10	0.03	10	0.39	344	<1	<0.01	14	240	8	<5	21	0.21	<10	<10	117	<5	74	--	--
L12W 03+25N	3.79	0.2	5	270	<0.5	<2	0.67	<0.5	23	48	71	4.65	10	0.07	10	0.80	[illegible]	<1	0.01	43	500	10	<5	29	0.20	<10	<10	110	<5	128	--	--
L12W 03+00N	3.22	0.2	<5	270	<0.5	<2	0.33	<0.5	15	33	37	4.27	10	0.05	10	0.85	[illegible]	<1	<0.01	23	330	14	<5	30	0.22	<10	<10	104	<5	110	--	--
L12W 02+75N	3.37	0.2	10	130	<0.5	<2	0.23	<0.5	17	46	62	4.37	<10	0.07	10	0.75	751	<1	0.01	33	320	4	<5	25	0.21	<10	<10	97	<5	122	--	--
L12W 02+50N	3.51	0.2	5	160	<0.5	<2	0.25	<0.5	15	41	40	4.13	<10	0.07	10	0.91	1281	<1	<0.01	35	480	4	<5	24	0.20	<10	<10	99	<5	115	--	--
L12W 02+25N	3.65	0.4	5	200	<0.5	<2	0.31	<0.5	19	48	97	4.76	10	0.06	10	1.00	[illegible]	<1	0.01	42	710	12	<5	25	0.28	<10	<10	108	<5	126	--	--
L12W 02+00N	4.92	0.4	10	220	<0.5	<2	0.32	<0.5	22	49	91	4.98	10	0.11	10	0.98	852	<1	0.01	40	750	6	<5	35	0.21	<10	<10	105	<5	172	--	--
L12W 01+75N	4.84	0.6	<5	270	<0.5	<2	0.27	0.5	23	56	103	5.13	10	0.14	10	1.15	331	<1	0.01	45	920	<2	<5	27	0.24	<10	<10	110	<5	128	--	--
L12W 01+50N	5.70	0.4	10	220	<0.5	<2	0.25	<0.5	25	62	138	5.48	10	0.13	10	0.72	421	<1	0.01	44	880	<2	<5	21	0.22	<10	<10	131	<5	118	--	--
L12W 01+25N	2.37	0.4	<5	160	<0.5	<2	0.25	<0.5	10	23	15	2.30	<10	0.05	10	0.59	227	<1	<0.01	13	390	6	<5	20	0.18	<10	<10	63	<5	76	--	--
L12W 01+00N	5.78	0.4	15	350	<0.5	<2	0.37	<0.5	28	64	147	5.63	10	0.17	10	1.47	[illegible]	<1	0.01	54	730	<2	<5	39	0.21	<10	<10	139	<5	118	--	--
L12W 00+75N	4.64	0.2	10	330	<0.5	<2	0.35	<0.5	29	56	115	5.21	10	0.15	10	1.27	1414	<1	0.01	44	870	4	<5	38	0.29	<10	<10	126	<5	120	--	--
L12W 00+50N	2.38	0.4	<5	220	<0.5	<2	0.30	0.5	14	35	30	3.53	<10	0.08	10	0.70	1377	<1	0.01	23	640	4	<5	27	0.18	<10	<10	78	<5	102	--	--
L12W 00+25N	4.50	0.2	<5	330	<0.5	<2	0.30	<0.5	23	55	102	5.00	<10	0.12	10	1.22	1220	<1	0.01	44	520	12	<5	32	0.28	<10	<10	118	<5	110	--	--
L12W 00+00 BL	4.26	0.2	<5	230	<0.5	<2	0.33	<0.5	23	55	104	5.11	10	0.11	10	1.10	[illegible]	<1	0.01	43	530	<2	<5	28	0.19	<10	<10	117	<5	122	--	--
L12W 00+25S	4.37	0.4	<5	220	<0.5	<2	0.28	<0.5	24	49	70	4.95	10	0.12	10	1.12	[illegible]	<1	0.01	42	390	4	<5	34	0.22	<10	<10	113	<5	112	--	--

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CERTIFICATE OF ANALYSIS

TO : ROSSBACHER LABORATORY LIMITED

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CERT. # : A8611.3S-015-A
INVOICE # : I8611.3S
DATE : 11-DEC-86
P.O. # : NONE
V2402 PAGE 1

Semi quantitative multi element ICP analysis

Nitric-Aqua-Regia digestion of 0.5 gm of material followed by ICP analysis. Since this digestion is incomplete for many minerals, values reported for Al, Sb, Ba, Be, Ca, Cr, Fe, La, Mg, K, Na, Sr, Ti, Ti, W and V can only be considered as semi-quantitative.

COMMENTS :
ATTN: PETER ROSSBACHER

Sample Description	Al %	Ag ppm	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm		
L12W 00+50S	4.43	0.4	5	250	<0.5	<2	0.40	<0.5	26	49	84	4.79	<10	0.11	10	1.14	1774	<1	0.01	41	1150	4	<5	35	0.27	<10	<10	108	<5	138	--	--
L12W 00+75S	2.80	0.4	10	300	<0.5	<2	0.50	<0.5	25	33	47	3.61	<10	0.07	10	0.71	5402	<1	0.01	26	670	8	<5	30	0.24	<10	<10	88	<5	122	--	--
L12W 01+00S	2.75	0.2	10	270	<0.5	<2	0.44	<0.5	21	30	16	3.41	<10	0.07	10	0.56	3020	<1	0.01	21	1100	4	<5	29	0.23	<10	<10	79	<5	109	--	--
L12W 01+25S	3.99	0.2	<5	210	<0.5	<2	0.31	1.0	21	43	63	4.53	<10	0.10	10	0.91	702	<1	0.01	34	860	12	<5	28	0.24	<10	<10	94	<5	134	--	--
L12W 01+50S	4.11	0.2	10	210	<0.5	<2	0.31	<0.5	20	46	54	4.96	<10	0.07	10	0.94	1.1[illegible]	<1	0.01	35	640	6	<5	25	0.25	<10	<10	1.2	<5	122	--	--
L12W 01+75S	3.51	0.2	5	250	<0.5	<2	0.20	<0.5	22	45	105	4.78	<10	0.08	10	1.11	1292	<1	<0.01	42	640	8	<5	20	0.19	<10	<10	100	<5	120	--	--
L12W 02+00S	4.23	0.2	<5	260	<0.5	<2	0.14	<0.5	22	48	121	5.02	<10	0.05	10	1.13	771	<1	<0.01	44	640	2	<5	15	0.20	<10	<10	111	<5	124	--	--
L12W 02+25S	4.36	0.2	<5	240	<0.5	<2	0.17	<0.5	24	48	99	5.22	<10	0.05	10	1.09	867	<1	<0.01	43	640	6	<5	16	0.18	<10	<10	109	<5	136	--	--
L12W 02+50S	3.85	0.2	<5	290	<0.5	<2	0.14	<0.5	25	40	56	4.63	<10	0.05	10	0.66	750	<1	<0.01	36	570	4	<5	13	0.16	<10	<10	90	<5	154	--	--
L12W 02+75S	2.91	0.2	<5	250	<0.5	<2	0.21	<0.5	24	33	25	4.53	<10	0.06	<10	0.62	3213	<1	<0.01	28	2410	6	<5	13	0.13	<10	<10	74	<5	196	--	--
L12W 03+00S	3.48	0.2	<5	260	<0.5	<2	0.35	<0.5	25	35	53	4.32	<10	0.08	10	0.65	2[illegible]	<1	0.01	31	1620	8	<5	24	0.17	<10	<10	28	<5	204	--	--
L12W 03+25S	3.07	0.2	<5	160	<0.5	<2	0.30	<0.5	17	36	56	4.20	<10	0.05	10	1.14	695	<1	<0.01	28	480	2	<5	23	0.19	<10	<10	90	<5	114	--	--
L12W 03+50S	3.15	0.2	<5	160	<0.5	<2	0.31	<0.5	18	37	59	4.31	<10	0.06	10	1.17	714	<1	<0.01	29	510	6	<5	24	0.20	<10	<10	93	<5	118	--	--
L12W 03+75S	2.54	0.2	<5	390	<0.5	<2	0.46	<0.5	19	30	32	3.37	<10	0.06	10	0.76	4552	<1	<0.01	23	780	16	<5	29	0.18	<10	<10	78	<5	174	--	--
L12W 04+00S	3.41	0.2	<5	250	<0.5	<2	0.23	<0.5	23	39	69	4.44	<10	0.05	10	0.86	879	<1	<0.01	32	1250	<2	<5	18	0.19	<10	<10	99	<5	148	--	--
L12W 04+25S	4.11	0.4	<5	130	<0.5	<2	0.17	<0.5	17	42	97	4.86	<10	0.06	10	0.89	7[illegible]	<1	<0.01	30	1000	6	<5	14	0.22	<10	<10	106	<5	120	--	--
L12W 04+50S	3.62	0.2	<5	180	<0.5	<2	0.15	<0.5	18	43	112	4.26	<10	0.04	10	1.02	7[illegible]	<1	<0.01	41	400	6	<5	15	0.23	<10	<10	92	<5	92	--	--
L12W 04+75S	3.67	0.2	<5	170	<0.5	<2	0.16	<0.5	17	40	96	4.35	<10	0.04	<10	0.96	960	<1	<0.01	36	1000	4	<5	13	0.21	<10	<10	90	<5	120	--	--
L12W 05+00S	1.66	0.2	<5	120	<0.5	<2	0.18	<0.5	11	18	17	2.70	<10	0.02	<10	0.44	860	<1	<0.01	13	570	2	<5	10	0.11	<10	<10	53	<5	110	--	--
L12W 05+25S	4.00	0.2	<5	250	<0.5	<2	0.18	0.5	18	43	78	4.99	<10	0.04	<10	0.91	1224	<1	<0.01	37	920	6	<5	13	0.16	<10	<10	99	<5	166	--	--
L12W 05+50S	3.90	0.2	<5	230	<0.5	<2	0.26	<0.5	17	40	72	4.83	<10	0.06	10	0.94	1[illegible]	<1	<0.01	35	740	2	<5	19	0.21	<10	<10	101	<5	158	--	--
L12W 05+75S	4.10	0.2	<5	290	<0.5	<2	0.57	<0.5	27	45	94	4.96	<10	0.06	22	0.96	1364	<1	0.01	39	630	8	<5	27	0.20	<10	<10	106	<5	144	--	--
L12W 06+00S	3.42	0.2	<5	280	<0.5	<2	0.61	<0.5	20	39	87	4.30	<10	0.05	11	0.78	2[illegible]	<1	[illegible]	32	920	14	<5	30	0.18	<10	<10	78	<5	122	--	--
L12W 06+25S	3.01	0.2	<5	280	<0.5	<2	0.29	<0.5	16	29	115	4.72	<10	0.06	10	0.72	1[illegible]	<1	<0.01	24	520	12	<5	17	0.09	<10	<10	72	<5	122	--	--
L12W 06+50S	3.76	0.2	<5	200	<0.5	<2	0.37	<0.5	14	38	49	4.26	<10	0.04	11	0.81	1[illegible]	<1	<0.01	26	490	8	<5	19	0.19	<10	<10	95	<5	116	--	--
L12W 06+75S	3.11	0.2	<5	270	<0.5	<2	0.61	<0.5	25	42	97	4.58	<10	0.08	11	1.02	1[illegible]	<1	<0.01	35	810	10	<5	32	0.17	<10	<10	94	<5	130	--	--
L12W 07+00S	3.13	0.2	15	180	<0.5	<2	0.39	<0.5	21	39	122	4.32	<10	0.10	11	1.05	1[illegible]	<1	[illegible]	32	720	11	<5	18	0.11	<10	<10	91	<5	136	--	--

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Certified by .....

ROSSBACHER LABORATORY LTD.

2225 S. SPRINGER AVENUE
BURNABY, B.C. V5B 3N1
TEL : (604) 299 - 6910

CERTIFICATE OF ANALYSIS

TO : MPH CONSULTING LTD.
301-409 GRANVILLE STREET
VANCOUVER B.C.

PROJECT: V 240
TYPE OF ANALYSIS: GEOCHEMICAL

CERTIFICATE#: 86664
INVOICE#: 7210
DATE ENTERED: 86-11-21
FILE NAME: MPH86664
PAGE # : 1

PREFIX	SAMPLE NAME	PPB Au
A	14009	5
A	14010	5
A	14011	5
A	14012	20
A	14013	20
A	14014	5
A	14015	5
A	14016	50
A	14017	7800
A	14018	11000
A	14019	300
A	14020	5
A	14021	5
A	14022	1800
A	14023	660
A	14024	15000
A	14025	2100
A	14026	310
A	14027	5
A	14028	5
L	N4-SILT-1	5
L	N4-SILT-2	5
L	N4-SILT-3	5

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CERTIFIED BY : J. Rossbacher

Chemex Labs Ltd.

Analytical Chemists • Geochemists • Registered Assayers

212 BROOKSBANK AVE., NORTH VANCOUVER, BRITISH COLUMBIA, CANADA V7J-2C1

PHONE (604) 984-0221

CERTIFICATE OF ANALYSIS A8621134

To : ROSSBACHER LABORATORY LIMITED

2225 SOUTH SPRINGER AVENUE
BURNABY, B.C.
V5B 3N1

Page No. : 1-A
Tot. Pages: 1
Date : 11-DEC-86
Invoice # : I-8621134
P.O. # : NONE

Project : V240 RACK G1
Comments: ATTN: PETER ROSSBACHER

SAMPLE DESCRIPTION	PREP CODE		Al %	Ag ppm	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %
14009	221	—	3.99	1.6	10	70	< 0.5	2	2.73	1.5	9	29	206	11.30	20	0.09	20	1.33	1340	3	0.01
14010	221	—	2.67	1.0	30	100	< 0.5	2	0.39	0.5	14	43	163	6.14	< 10	0.16	10	0.85	996	1	0.05
14011	221	—	1.96	1.4	< 5	20	< 0.5	4	0.69	1.5	9	48	210	5.25	< 10	0.04	10	0.98	894	8	< 0.01
14012	221	—	3.09	2.8	10	20	< 0.5	2	0.57	25.5	28	28	495	>15.00	10	0.03	10	1.40	1385	14	< 0.01
14013	221	—	1.43	0.4	< 5	< 10	< 0.5	2	1.02	< 0.5	10	146	142	2.07	< 10	< 0.01	< 10	0.55	279	1	< 0.01
14014	221	—	1.92	0.2	< 5	40	< 0.5	2	0.26	1.0	15	29	51	4.35	10	0.08	< 10	1.37	730	< 1	0.02
14015	221	—	2.17	0.2	< 5	190	< 0.5	< 2	0.51	0.5	11	50	63	4.04	< 10	0.10	10	0.73	491	< 1	0.01
14016	221	—	3.00	0.6	1315	50	< 0.5	< 2	0.63	< 0.5	18	32	134	5.97	20	0.19	10	1.54	961	< 1	0.01
14017	221	—	1.14	1.0	>10000	50	< 0.5	4	0.32	0.5	62	13	53	12.40	< 10	0.21	< 10	0.53	319	< 1	< 0.01
14018	221	—	0.35	38.4	875	< 10	< 0.5	18	0.05	90.5	11	134	2560	4.27	< 10	0.02	< 10	0.18	133	< 1	< 0.01
14019	221	—	2.08	1.8	270	60	< 0.5	< 2	1.37	< 0.5	18	39	200	5.93	20	0.15	10	0.97	560	< 1	0.03
14021	221	—	2.18	0.6	25	20	< 0.5	< 2	0.50	0.5	12	100	48	3.90	10	0.09	< 10	1.02	632	< 1	< 0.01
14022	221	—	0.40	25.0	45	20	< 0.5	12	0.03	25.5	7	146	698	4.71	< 10	0.07	< 10	0.17	249	< 1	< 0.01
14023	221	—	0.41	6.4	10	20	< 0.5	< 2	0.06	12.0	9	143	509	2.65	< 10	0.06	< 10	0.18	189	< 1	< 0.01
14024	221	—	0.62	29.4	10	30	< 0.5	18	0.18	>99.9	9	131	975	2.74	< 10	0.09	< 10	0.33	653	< 1	< 0.01
14025	221	—	1.32	25.6	185	30	< 0.5	12	0.37	62.0	28	86	897	8.03	< 10	0.18	< 10	0.61	626	7	< 0.01
14026	221	—	1.46	5.0	330	20	< 0.5	10	0.64	>99.9	18	87	437	4.83	10	0.23	10	0.69	402	12	< 0.01
14027	221	—	1.97	0.4	< 5	20	< 0.5	4	2.19	0.5	14	85	82	3.20	20	0.05	10	0.81	639	1	0.03
14028	221	—	3.08	0.4	< 5	10	< 0.5	2	2.82	1.0	18	42	136	4.70	10	0.03	< 10	1.00	803	< 1	0.04
N4-SILT-1	221	—	3.08	0.2	5	200	< 0.5	4	0.52	< 0.5	23	110	91	4.52	10	0.08	10	0.94	1325	< 1	0.01
N4-SILT-2	221	—	3.56	0.4	< 5	240	< 0.5	4	0.78	0.5	29	217	96	5.90	30	0.15	10	1.25	1345	< 1	0.02
N4-SILT-3	221	—	2.70	0.6	< 5	170	< 0.5	2	1.01	0.5	17	172	62	3.93	20	0.07	10	0.86	1145	< 1	0.01
14020	221	—	2.51	8.8	30	50	< 0.5	6	3.82	2.5	17	52	334	5.60	20	0.13	< 10	0.61	541	< 1	0.11

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CERTIFICATION : B. Caux

Chemex Labs Ltd.
Analytical Chemists • Geochemists • Registered Assayers
212 BROOKSBANK AVE., NORTH VANCOUVER,
BRITISH COLUMBIA, CANADA V7J-2C1
PHONE (604) 984-0221

CERTIFICATE OF ANALYSIS A8621134

To : ROSSBACHER LABORATORY LIMITED
2225 SOUTH SPRINGER AVENUE
BURNABY, B.C.
V5B 3N1

Page No. : 1-B
Tot. Pages: 1
Date : 11-DEC-86
Invoice # : I-8621134
P.O. # : NONE

Project : V240 RACK G1
Comments: ATTN: PETER ROSSBACHER

SAMPLE DESCRIPTION	PREP CODE	Ni ppm	P ppm	Pb ppm	Sb ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
14009	221 —	5	8280	18	< 5	36	0.16	< 10	< 10	65	< 5	628
14010	221 —	7	890	14	< 5	18	0.02	< 10	< 10	90	< 5	292
14011	221 —	3	910	18	< 5	21	0.09	< 10	< 10	26	< 5	558
14012	221 —	10	1370	30	< 5	15	0.08	< 10	< 10	29	< 5	>10000
14013	221 —	15	140	< 2	< 5	< 1	0.04	< 10	< 10	64	< 5	132
14014	221 —	10	350	< 2	< 5	7	0.13	< 10	< 10	45	< 5	142
14015	221 —	13	1100	2	< 5	9	< 0.01	< 10	< 10	69	< 5	58
14016	221 —	10	1360	< 2	< 5	2	0.19	< 10	< 10	104	< 5	58
14017	221 —	11	960	34	40	4	0.03	< 10	< 10	18	< 5	28
14018	221 —	9	100	4870	5	2	0.01	< 10	< 10	7	< 5	1625
14019	221 —	7	2910	20	< 5	5	0.24	< 10	< 10	101	< 5	64
14021	221 —	7	320	62	< 5	2	0.13	< 10	< 10	91	< 5	112
14022	221 —	4	150	2660	< 5	2	< 0.01	< 10	< 10	8	< 5	514
14023	221 —	4	130	180	< 5	< 1	0.02	< 10	< 10	9	< 5	264
14024	221 —	5	210	5500	< 5	3	< 0.01	< 10	< 10	11	< 5	2380
14025	221 —	17	1040	464	5	4	0.09	< 10	< 10	30	< 5	1290
14026	221 —	12	1050	340	< 5	5	0.11	< 10	< 10	37	< 5	1945
14027	221 —	19	1930	4	< 5	< 1	0.17	< 10	< 10	99	< 5	64
14028	221 —	12	1520	4	< 5	< 1	0.12	< 10	< 10	116	< 5	92
N4-SILT-1	221 —	31	540	4	< 5	21	0.15	< 10	< 10	98	< 5	96
N4-SILT-2	221 —	39	590	6	< 5	38	0.29	< 10	< 10	126	< 5	122
N4-SILT-3	221 —	30	300	8	< 5	33	0.23	< 10	< 10	94	< 5	94
14020	221 —	6	9190	448	< 5	106	0.16	< 10	< 10	68	< 5	350

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CERTIFICATION : B. Caufield

ROSSBACHER LABORATORY LTD.

2225 S. SPRINGER AVENUE
BURNABY, B.C. V5B 3N1

CERTIFICATE OF ANALYSIS

TEL : (604) 299 - 6910

TO : MPH CONSULTING LTD.,
301-409 GRANVILLE ST.,
VANCOUVER, B.C.

PROJECT: V240
TYPE OF ANALYSIS: ASSAY

CERTIFICATE#: 86664.A
INVOICE#: 7263
DATE ENTERED: 86-12-08
FILE NAME: MPH86664.A
PAGE # : 1

PREFIX	SAMPLE NAME	oz/t Au
	14801	0.098
A	14017	0.198
	14018	0.282
	14019	0.004
A	14020	0.015
A	14022	0.030
	14023	0.023
A	14024	0.380
A	14025	0.046
	14026	0.011

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CERTIFIED BY : J. Rossbach

ROSSBACHER LABORATORY LTD.

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BURNABY, B.C. V5B 3N1
TEL : (604) 299 - 6910

CERTIFICATE OF ANALYSIS

O : MPH CONSULTING LTD.
301-409 GRANVILLE STREET
VANCOUVER B.C.

ROJECT: V 240
YPE OF ANALYSIS: ASSAY

CERTIFICATE#: 86664.A
INVOICE#: 7359
DATE ENTERED: 87-01-02
FILE NAME: MPH86664.A
PAGE # : 1

RE IX	SAMPLE NAME	oz/t Ag	% Zn
A	14012		1.22
A	14018	1.18	
A	14022	0.56	
A	14024	0.86	
A	14025	0.70	

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2225 S. SPRINGER AVENUE
BURNABY, B.C. V5B 3N1
TEL : (604) 299 - 6910

CERTIFICATE OF ANALYSIS

TO : MPH CONSULTING LTD.
301-409 GRANVILLE STREET
VANCOUVER B.C.

PROJECT: V 240-C
TYPE OF ANALYSIS: GEOCHEMICAL

CERTIFICATE#: 86666
INVOICE#: 7208
DATE ENTERED: 86-11-21
FILE NAME: MPH86666
PAGE # : 1

PRE FIX	SAMPLE NAME	PPB Au
S	L 0+00E 2+00N	5
S	1+75N	5
S	1+50N	5
S	1+25N	5
S	1+00N	5
S	0+75N	5
S	0+50N	5
S	0+25N	5
S	0+00	5
S	0+25S	5
S	0+50S	5
S	0+75S	5
S	1+00S	5
S	1+25S	5
S	1+50S	5
S	1+75S	5
S	L 0+00E 2+00S	5
S	L 1+00E 2+00N	5
S	1+75N	5
S	1+50N	5
S	1+25N	5
S	1+00N	5
S	0+75N	5
S	0+50N	5
S	0+25N	5
S	0+00	5
S	0+25S	5
S	0+50S	5
S	0+75S	5
S	1+00S	5
S	1+25S	5
S	1+50S	5
S	1+75S	5
S	L 1+00E 2+00S	5
S	L 2+00E 2+00N	5
S	1+75N	5
S	1+50N	5
S	1+25N	5
S	1+00N	5

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CERTIFIED BY : F. Rossbach

ROSSBACHER LABORATORY LTD.

2225 S. SPRINGER AVENUE
BURNABY, B.C. V5B 3N1
TEL : (604) 299 - 6910

CERTIFICATE OF ANALYSIS

TO : MPH CONSULTING LTD.
301-409 GRANVILLE STREET
VANCOUVER B.C.

PROJECT: V 240-C
TYPE OF ANALYSIS: GEOCHEMICAL

CERTIFICATE#: 86666
INVOICE#: 7208
DATE ENTERED: 86-11-21
FILE NAME: MPH86666
PAGE # : 2

PRE FIX	SAMPLE NAME	PPB Au
S	L 2+00E 0+50N	5
S	0+25N	5
S	0+00	5
S	0+25S	5
S	0+50S	5
S	0+75S	5
S	1+00S	5
S	1+25S	5
S	1+50S	5
S	1+75S	5
S	L 2+00E 2+00S	5
S	L 3+00E 2+00N	5
S	1+75N	5
S	1+50N	5
S	1+25N	5
S	1+00N	5
S	0+75N	5
S	0+50N	5
S	0+25N	5
S	0+00	5
S	0+25S	5
S	0+50S	5
S	0+75S	5
S	1+00S	5
S	1+25S	5
S	1+50S	5
S	1+75S	5
S	L 3+00E 2+00S	5
S	L 4+00E 2+00N	5
S	1+75N	5
S	1+50N	5
S	1+25N	5
S	1+00N	5
S	0+75N	5
S	0+50N	5
S	0+25N	5
S	0+00	5
S	0+25S	5
S	0+75S	5
S	L 4+00E 1+00S	5

CERTIFIED BY : _____

ROSSBACHER LABORATORY LTD.

2225 S. SPRINGER AVENUE
BURNABY, B.C. V5B 3N1
TEL : (604) 299 - 6910

CERTIFICATE OF ANALYSIS

TO : MPH CONSULTING LTD.
301-409 GRANVILLE STREET
VANCOUVER B.C.

PROJECT: V 240-C
TYPE OF ANALYSIS: GEOCHEMICAL

CERTIFICATE#: 86666
INVOICE#: 7208
DATE ENTERED: 86-11-21
FILE NAME: MPH86666
PAGE # : 3

PREFIX	SAMPLE NAME	PPB Au
S	L 4+00E 1+25S	5
S	1+50S	5
S	1+75S	20
S	L 4+00E 2+00S	5
S	L 5+00E 2+00N	5
S	1+75N	5
S	1+50N	5
S	1+25N	5
S	1+00N	5
S	0+75N	5
S	0+50N	5
S	0+25N	5
S	0+00	5
S	0+25S	5
S	0+50S	5
S	0+75S	5
S	1+00S	5
S	1+25S	5
S	1+50S	5
S	1+75S	5
S	L 5+00E 2+00S	5
S	L 6+00E 2+00N	5
S	1+75N	5
S	1+50N	5
S	1+25N	5
S	1+00N	5
S	0+75N	90
S	0+50N	5
S	0+25N	5
S	0+00	5
S	0+25S	5
S	0+50S	5
S	0+75S	5
S	1+00S	5
S	1+25S	5
S	1+50S	5
S	1+75S	5
S	L 6+00E 2+00S	5
S	L 7+00E 2+00N	5
S	1+75N	5

CERTIFIED BY : J. Rossbach

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PROJECT: V 240-C
TYPE OF ANALYSIS: GEOCHEMICAL

CERTIFICATE#: 86666
INVOICE#: 7208
DATE ENTERED: 86-11-21
FILE NAME: MPH86666
PAGE # : 4

PRE FIX	SAMPLE NAME	PPB Au
S	L 7+00E 1+50N	5
S	1+25N	5
S	1+00N	5
S	0+75N	5
S	0+25N	5
S	0+00	5
S	0+25S	5
S	0+50S	5
S	0+75S	40
S	1+00S	5
S	1+25S	5
S	1+50S	5
S	1+75S	5
S	L 7+00E 2+00S	5
S	L 7+00E 2+00N	5
S	1+75N	5
S	1+50N	5
S	1+25N	20
S	1+00N	5
S	0+75N	5
S	0+50N	5
S	0+25N	5
S	0+00	5
S	0+25S	5
S	0+50S	5
S	0+75S	5
S	1+00S	5
S	1+25S	5
S	1+50S	5
S	1+75S	5
S	L 8+00E 2+00S	5
S	L 9+00E 2+00N	5
S	1+75N	5
S	1+50N	5
S	1+25N	5
S	1+00N	5
S	0+75N	5
S	0+50N	5
S	0+25N	5
S	0+00	5

CERTIFIED BY : Rossbach

ROSSBACHER LABORATORY LTD.

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BURNABY, B.C. V5B 3N1
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CERTIFICATE OF ANALYSIS

TO : MPH CONSULTING LTD.
301-409 GRANVILLE STREET
VANCOUVER B.C.

PROJECT: V 240-C
TYPE OF ANALYSIS: GEOCHEMICAL

CERTIFICATE#: 86666
INVOICE#: 7208
DATE ENTERED: 86-11-21
FILE NAME: MPH86666
PAGE # : 5

PRE FIX	SAMPLE NAME	PPB Au
S	L 9+00E 0+25S	5
S	0+50S	5
S	0+75S	5
S	1+00S	5
S	1+25S	5
S	1+50S	5
S	1+75S	5
S	L 9+00E 2+00S	5
S	L 10+00E 2+00N	5
S	1+75N	5
S	1+50N	5
S	1+25N	5
S	1+00N	5
S	0+75N	5
S	0+50N	5
S	0+25N	5
S	0+00	5
S	0+25S	5
S	0+50S	5
S	0+75S	5
S	1+00S	5
S	1+25S	5
S	1+50S	5
S	1+75S	5
S	L 10+00E 2+00S	5
S	L 11+00E 2+00N	5
S	1+75N	5
S	1+50N	5
S	1+25N	5
S	1+00N	5
S	0+75N	5
S	0+50N	5
S	0+25N	5
S	0+00	5
S	0+25S	5
S	0+50S	10
S	0+75S	5
S	1+00S	5
S	1+25S	5
S	L 11+00E 1+50S	5

CERTIFIED BY : J. Rossbach

ROSSBACHER LABORATORY LTD.

2225 S. SPRINGER AVENUE
BURNABY, B.C. V5B 3N1
TEL : (604) 299 - 6910

CERTIFICATE OF ANALYSIS

TO : MPH CONSULTING LTD.
301-409 GRANVILLE STREET
VANCOUVER B.C.

PROJECT: V 240-C
TYPE OF ANALYSIS: GEOCHEMICAL

CERTIFICATE#: 86666
INVOICE#: 7208
DATE ENTERED: 86-11-21
FILE NAME: MPH86666
PAGE # : 6

PRE FIX	SAMPLE NAME	PPB Au
S	L 11+00E 1+75S	5
S	L 11+00E 2+00S	5
S	L 12+00E 2+00N	5
S	1+75N	5
S	1+50N	5
S	1+25N	5
S	1+00N	5
S	0+75N	5
S	0+50N	5
S	0+25N	5
S	0+00	5
S	0+25S	5
S	0+50S	5
S	0+75S	5
S	1+00S	5
S	1+25S	5
S	1+50S	5
S	L 12+00E 1+75S	5
S	L 4+00E 0+50S	5

CERTIFIED BY : J. Rossbacher

Chemex Labs Ltd.

212 Brooksbank Ave
North Vancouver. B.C
Canada V7J 2C1

•Analytical Chemists •Geochemists •Registered Assayers

Phone: (604) 984-0221
Telex: 043-52597

CERTIFICATE OF ANALYSIS

TO : ROSSBACHER LABORATORY LIMITED

2225 SOUTH SPRINGER AVENUE
BURNABY, B.C.
V5B 3N1

CERT. # : A8621202-001-A
INVOICE # : I8621202
DATE : 16-DEC-86
P.O. # : NONE
V240-C RACK J

Semi quantitative multi element ICP analysis

Nitric-Aqua-Regia digestion of 0.5 gm of material followed by ICP analysis. Since this digestion is incomplete for many minerals, values reported for Al, Sb, Ba, Be, Ca, Cr, Ga, La, Mg, K, Na, Sr, Tl, Ti, W and V can only be considered as semi-quantitative.

COMMENTS :
ATTN: PETER ROSSBACHER

Sample description	Al %	Ag ppm	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm		
L00+00E 02+00N	4.79	0.2	5	210	<0.5	<2	0.41	<0.5	23	50	113	5.36	<10	0.12	10	1.07	1175	<1	0.01	38	950	4	<5	28	0.32	<10	<10	131	<5	116	--	--
L00+00E 01+75N	5.62	0.2	10	150	<0.5	<2	0.33	<0.5	21	48	105	5.54	<10	0.08	10	0.87	1099	2	0.01	35	1220	10	<5	30	0.30	<10	<10	129	<5	150	--	--
L00+00E 01+50N	5.13	0.2	10	130	<0.5	<2	0.35	<0.5	15	48	53	5.23	<10	0.08	10	0.84	1024	<1	0.01	26	910	6	<5	36	0.34	<10	<10	120	<5	122	--	--
L00+00E 01+25N	5.16	0.4	5	240	<0.5	<2	0.50	<0.5	24	53	141	5.79	<10	0.11	20	1.17	754	<1	0.01	42	600	8	<5	43	0.38	<10	<10	142	<5	134	--	--
L00+00E 01+00N	3.73	0.4	10	190	<0.5	<2	0.62	<0.5	24	40	70	4.49	<10	0.09	10	0.75	1329	<1	0.01	28	540	14	<5	31	0.25	<10	<10	113	<5	124	--	--
L00+00E 00+75N	4.02	0.2	5	170	<0.5	<2	0.57	<0.5	22	45	69	4.96	<10	0.09	10	1.00	1199	<1	0.01	36	360	4	<5	37	0.33	<10	<10	119	<5	124	--	--
L00+00E 00+50N	3.68	0.2	15	170	<0.5	<2	0.83	<0.5	22	45	60	4.90	<10	0.09	10	0.83	1498	<1	0.01	30	480	10	<5	39	0.28	<10	<10	118	<5	132	--	--
L00+00E 00+25N	5.72	0.2	<5	260	<0.5	<2	0.66	0.5	45	56	90	6.35	<10	0.15	10	0.89	3446	<1	0.02	49	630	12	<5	38	0.27	<10	<10	143	<5	122	--	--
L00+00E 00+00	4.43	0.2	10	190	<0.5	<2	0.45	<0.5	22	50	65	5.84	<10	0.11	10	0.68	868	<1	0.01	33	430	10	<5	30	0.27	<10	<10	138	<5	140	--	--
L00+00E 00+25S	4.29	0.2	<5	190	<0.5	<2	0.55	0.5	23	51	67	6.29	10	0.09	10	0.67	1235	<1	0.01	33	370	8	<5	28	0.20	<10	<10	135	<5	156	--	--
L00+00E 00+50S	3.35	2.4	<5	110	<0.5	<2	0.42	0.5	15	43	52	5.91	<10	0.06	10	0.64	621	<1	0.01	26	430	10	<5	29	0.31	<10	<10	146	<5	146	--	--
L00+00E 00+75S	3.64	1.4	20	170	<0.5	<2	0.78	<0.5	22	47	70	4.99	<10	0.09	10	1.03	761	<1	0.01	33	320	8	<5	30	0.27	<10	<10	118	<5	122	--	--
L00+00E 01+00S	2.93	0.2	10	150	<0.5	<2	1.13	<0.5	18	42	58	4.15	<10	0.06	10	0.95	647	1	0.01	29	360	8	<5	32	0.26	<10	<10	103	<5	108	--	--
L00+00E 01+25S	3.35	0.8	20	170	<0.5	<2	0.62	<0.5	18	37	68	4.35	<10	0.07	10	0.78	1421	<1	0.01	30	540	14	<5	29	0.23	<10	<10	99	<5	138	--	--
L00+00E 01+50S	3.91	0.4	20	150	<0.5	<2	0.37	<0.5	20	37	74	4.80	<10	0.07	10	0.79	647	<1	0.01	34	650	8	<5	26	0.24	<10	<10	103	<5	192	--	--
L00+00E 01+75S	2.75	1.4	5	110	<0.5	<2	0.33	<0.5	12	28	45	3.68	<10	0.05	10	0.58	1569	<1	0.01	22	440	14	<5	27	0.24	<10	<10	85	<5	108	--	--
L00+00E 02+00S	2.12	<0.2	25	80	<0.5	<2	0.26	<0.5	8	15	43	3.97	<10	0.04	10	0.29	484	<1	<0.01	10	600	4	<5	24	0.14	<10	<10	71	<5	100	--	--
L01+00E 02+00N	3.64	<0.2	<5	220	<0.5	<2	0.41	1.0	21	45	77	4.83	<10	0.10	10	1.07	811	<1	0.01	29	230	<2	<5	34	0.31	<10	<10	105	<5	90	--	--
L01+00E 01+75N	2.94	0.2	<5	140	<0.5	<2	0.50	1.0	16	33	76	4.00	<10	0.09	10	0.77	1186	<1	0.01	21	480	6	<5	22	0.22	<10	<10	79	<5	118	--	--
L01+00E 01+50N	4.30	0.2	10	230	<0.5	<2	0.41	<0.5	21	50	98	5.58	<10	0.09	10	0.99	911	<1	0.01	35	460	6	<5	32	0.30	<10	<10	129	<5	122	--	--
L01+00E 01+25N	3.61	<0.2	5	110	<0.5	<2	0.23	<0.5	16	36	57	5.09	<10	0.05	10	0.55	587	<1	0.01	20	380	<2	<5	19	0.24	<10	<10	115	<5	100	--	--
L01+00E 01+00N	4.18	<0.2	5	140	<0.5	<2	0.27	<0.5	21	47	82	5.54	<10	0.06	10	0.86	653	<1	0.01	30	280	4	<5	22	0.28	<10	<10	129	<5	100	--	--
L01+00E 00+75N	2.83	0.2	<5	120	<0.5	<2	0.49	0.5	15	33	61	4.10	<10	0.07	10	0.72	832	<1	0.01	23	360	8	<5	24	0.23	<10	<10	90	<5	80	--	--
L01+00E 00+50N	2.78	0.2	<5	100	<0.5	<2	0.42	0.5	13	37	42	3.75	<10	0.06	10	0.84	525	<1	0.01	23	120	2	<5	26	0.25	<10	<10	89	<5	82	--	--
L01+00E 00+25N	2.24	<0.2	<5	80	<0.5	<2	0.27	1.0	11	29	48	3.49	<10	0.04	<10	0.70	468	<1	0.01	19	190	<2	<5	20	0.22	<10	<10	75	<5	70	--	--
L01+00E 00+00	3.99	<0.2	5	150	<0.5	<2	0.30	<0.5	22	38	113	5.17	<10	0.09	10	0.91	1313	<1	0.01	31	980	2	<5	19	0.28	<10	<10	117	<5	128	--	--
L01+00E 00+25S	3.93	<0.2	5	110	<0.5	<2	0.22	<0.5	17	44	88	5.02	<10	0.05	<10	0.86	837	<1	0.01	36	770	6	<5	19	0.26	<10	<10	107	<5	112	--	--
L01+00E 00+50S	2.70	<0.2	<5	100	<0.5	<2	0.23	<0.5	14	28	52	3.89	<10	0.04	<10	0.54	1044	<1	<0.01	18	1110	6	<5	15	0.18	<10	<10	82	<5	96	--	--
L01+00E 00+75S	3.27	<0.2	<5	120	<0.5	<2	0.21	<0.5	15	35	61	4.35	<10	0.03	<10	0.68	1688	<1	<0.01	24	720	4	<5	17	0.19	<10	<10	94	<5	98	--	--
L01+00E 01+00S	4.96	<0.2	<5	130	<0.5	<2	0.24	<0.5	19	43	94	4.75	<10	0.07	10	0.78	880	<1	0.01	30	770	4	<5	21	0.22	<10	<10	99	<5	128	--	--
L01+00E 01+25S	2.80	0.4	<5	70	<0.5	<2	0.20	1.0	13	35	53	3.44	10	0.04	<10	0.60	475	<1	<0.01	19	1260	<2	<5	14	0.15	<10	<10	74	<5	96	--	--
L01+00E 01+50S	3.56	0.4	<5	100	<0.5	<2	0.16	0.5	13	33	58	4.14	20	0.04	10	0.58	511	<1	<0.01	26	640	<2	<5	14	0.19	<10	<10	88	<5	86	--	--
L01+00E 01+75S	3.78	0.4	10	100	<0.5	<2	0.15	<0.5	12	32	69	4.35	20	0.06	10	0.65	1126	<1	<0.01	20	910	4	<5	14	0.18	<10	<10	94	<5	90	--	--
L01+00E 02+00S	2.11	0.4	5	60	<0.5	<2	0.17	<0.5	7	19	28	3.08	10	0.03	<10	0.32	403	<1	<0.01	8	530	6	<5	12	0.14	<10	<10	65	<5	74	--	--
L02+00E 02+00N	3.26	0.2	10	160	<0.5	<2	0.19	<0.5	15	38	83	4.14	20	0.05	10	0.75	613	<1	<0.01	25	660	2	<5	14	0.20	<10	<10	93	<5	88	--	--
L02+00E 01+75N	2.86	0.2	10	150	<0.5	<2	0.19	<0.5	14	33	73	3.82	20	0.05	10	0.71	641	<1	<0.01	22	710	2	<5	12	0.18	<10	<10	86	<5	76	--	--
L02+00E 01+50N	2.69	<0.2	10	120	<0.5	<2	0.19	<0.5	12	28	62	3.74	10	0.05	<10	0.61	803	<1	<0.01	17	670	6	<5	12	0.15	<10	<10	82	<5	86	--	--
L02+00E 01+25N	3.70	<0.2	5	100	<0.5	<2	0.10	<0.5	16	37	72	4.45	10	0.03	<10	0.73	825	<1	<0.01	22	900	2	<5	9	0.16	<10	<10	92	<5	90	--	--
L02+00E 01+00N	2.88	<0.2	10	110	<0.5	<2	0.13	<0.5	14	32	65	3.75	10	0.03	<10	0.62	890	<1	<0.01	20	930	4	<5	9	0.12	<10	<10	77	<5	92	--	--
L02+00E 00+75N	nss	nss	nss	nss	nss	nss	nss	nss	nss	nss	nss	nss	nss	nss	nss	nss	nss	nss	nss	nss	nss	nss	nss	nss	nss	nss	nss	nss	nss	nss	--	--

Certified by .

V03 rev 11 85

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•Analytical Chemists •Geochemists •Registered Assayers

CERTIFICATE OF ANALYSIS

TO : ROSSBACHER LABORATORY LIMITED

3225 SOUTH SPRINGER AVENUE
BURNABY, B.C.
V5B 3N1

CERT. # : A8621202-002-A
INVOICE # : I8621202
DATE : 16-DEC-86
P.O. # : NONE
V240-C RACK J

Semi quantitative multi element ICP analysis

Nitric-Aqua-Regia digestion of 0.5 gm of material followed by ICP analysis. Since this digestion is incomplete for many minerals, values reported for Al, Sb, Ba, Be, Ca, Cr, Ga, La, Mg, K, Na, Sr, Tl, Ti, W and V can only be considered as semi-quantitative.

COMMENTS :
ATTN: PETER ROSSBACHER

Sample description	Al %	Ag ppm	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm		
L02+00E 00+50N	4.84	0.2	<5	210	<0.5	<2	0.33	1.0	28	45	109	4.88	20	0.11	10	1.01	1000	<1	0.01	38	590	28	<5	26	0.25	<10	<10	111	<5	140	--	--
L02+00E 00+25N	3.49	0.2	<5	190	<0.5	<2	0.44	0.5	18	42	97	4.50	30	0.07	10	1.10	612	<1	0.01	32	280	<2	<5	31	0.31	<10	<10	109	<5	86	--	--
L02+00E 00+00	3.21	0.2	<5	120	<0.5	<2	0.32	0.5	15	32	65	3.92	20	0.06	10	0.57	1077	<1	0.01	20	600	6	<5	20	0.18	<10	<10	92	<5	84	--	--
L02+00E 00+25S	3.18	0.2	10	130	<0.5	<2	0.34	<0.5	15	37	67	4.38	20	0.07	10	0.74	668	<1	0.01	23	390	2	<5	28	0.26	<10	<10	115	<5	86	--	--
L02+00E 00+50S	4.01	0.2	15	120	<0.5	<2	0.29	0.5	21	43	82	4.89	20	0.06	10	0.92	509	<1	0.01	32	470	2	<5	25	0.28	<10	<10	114	<5	96	--	--
L02+00E 00+75S	3.86	0.2	35	140	<0.5	<2	0.33	<0.5	20	44	102	4.61	20	0.07	10	1.09	564	<1	0.01	43	500	<2	<5	22	0.27	<10	<10	102	<5	90	--	--
L02+00E 01+00S	3.43	0.2	5	100	<0.5	<2	0.19	0.5	15	37	72	4.53	20	0.05	10	0.66	781	<1	<0.01	21	720	4	<5	17	0.22	<10	<10	107	<5	80	--	--
L02+00E 01+25S	4.06	0.2	10	100	<0.5	<2	0.21	<0.5	14	42	89	4.69	20	0.06	10	0.85	793	<1	<0.01	28	590	8	<5	14	0.20	<10	<10	101	<5	92	--	--
L02+00E 01+50S	3.62	0.2	10	100	<0.5	<2	0.19	<0.5	14	36	82	4.62	10	0.05	10	0.76	613	<1	<0.01	24	620	4	<5	13	0.15	<10	<10	97	<5	110	--	--
L02+00E 01+75S	2.47	0.2	<5	90	<0.5	<2	0.16	<0.5	11	29	44	3.77	10	0.03	10	0.61	899	<1	<0.01	17	380	2	<5	14	0.15	<10	<10	87	<5	66	--	--
L02+00E 02+00S	5.44	0.2	<5	170	<0.5	<2	0.29	0.5	22	48	103	5.65	20	0.15	20	1.03	673	<1	0.01	37	660	2	<5	24	0.24	<10	<10	124	<5	106	--	--
L03+00E 02+00N	2.07	0.2	<5	50	<0.5	<2	0.30	0.5	6	24	28	3.34	20	0.04	10	0.50	336	<1	<0.01	12	450	8	<5	21	0.21	<10	<10	91	<5	62	--	--
L03+00E 01+75N	4.18	0.2	10	160	<0.5	<2	0.27	<0.5	18	38	90	4.42	20	0.07	10	0.90	668	<1	0.01	29	600	4	<5	21	0.29	<10	<10	103	<5	102	--	--
L03+00E 01+50N	4.60	0.2	5	210	<0.5	<2	0.24	0.5	16	33	95	4.75	30	0.17	10	0.73	602	<1	0.01	21	800	4	<5	18	0.28	<10	<10	123	<5	98	--	--
L03+00E 01+25N	3.83	0.2	20	300	<0.5	<2	0.36	0.5	35	23	152	5.59	10	0.15	20	0.93	2749	<1	<0.01	20	640	2	<5	20	0.14	<10	<10	128	<5	116	--	--
L03+00E 01+00N	3.93	0.2	10	100	<0.5	2	0.18	<0.5	12	37	69	4.48	20	0.05	10	0.69	448	<1	<0.01	20	510	4	<5	17	0.27	<10	<10	112	<5	82	--	--
L03+00E 00+75N	3.06	0.2	5	160	<0.5	<2	0.26	0.5	16	29	85	4.12	20	0.08	10	0.81	1086	<1	<0.01	21	810	8	<5	14	0.19	<10	<10	87	<5	144	--	--
L03+00E 00+50N	3.73	0.2	<5	150	<0.5	<2	0.12	0.5	23	32	106	4.39	10	0.09	10	0.79	1889	<1	<0.01	22	740	6	<5	10	0.13	<10	<10	92	<5	92	--	--
L03+00E 00+25N	nss	nss	nss	nss	nss	nss	nss	nss	nss	nss	nss	nss	nss	nss	nss	nss	nss	nss	nss	nss	nss	nss	nss	nss	nss	nss	nss	nss	nss	nss	--	--
L03+00E 00+00	2.95	0.2	15	60	<0.5	<2	0.12	<0.5	8	24	64	3.41	10	0.03	<10	0.46	270	<1	<0.01	13	310	4	<5	10	0.12	<10	<10	74	<5	80	--	--
L03+00E 00+25S	2.01	0.2	<5	50	<0.5	<2	0.23	0.5	6	24	30	3.35	20	0.04	10	0.46	322	<1	<0.01	12	330	4	<5	19	0.18	<10	<10	91	<5	44	--	--
L03+00E 00+50S	3.19	0.2	10	60	<0.5	<2	0.22	<0.5	10	27	61	3.73	20	0.04	<10	0.50	621	<1	<0.01	16	680	8	<5	14	0.19	<10	<10	87	<5	72	--	--
L03+00E 00+75S	3.92	0.2	<5	130	<0.5	<2	0.20	1.0	15	30	79	4.21	20	0.12	<10	0.68	813	<1	<0.01	19	870	4	<5	11	0.19	<10	<10	103	<5	102	--	--
L03+00E 01+00S	3.32	0.2	10	110	<0.5	<2	0.23	<0.5	14	38	67	4.66	20	0.05	10	0.78	489	<1	<0.01	24	400	2	<5	19	0.24	<10	<10	108	<5	80	--	--
L03+00E 01+25S	3.58	0.2	5	90	<0.5	<2	0.17	<0.5	14	36	74	4.48	20	0.04	10	0.69	445	<1	<0.01	24	500	4	<5	15	0.23	<10	<10	101	<5	90	--	--
L03+00E 01+50S	2.85	0.2	10	90	<0.5	<2	0.22	<0.5	13	30	62	3.82	20	0.04	10	0.65	794	<1	<0.01	20	660	4	<5	15	0.23	<10	<10	79	<5	118	--	--
L03+00E 01+75S	3.64	0.2	10	120	<0.5	<2	0.24	0.5	22	39	79	4.41	20	0.06	10	0.85	900	<1	<0.01	32	770	4	<5	15	0.18	<10	<10	98	<5	106	--	--
L03+00E 02+00S	3.24	0.2	<5	80	<0.5	<2	0.13	0.5	14	32	68	4.41	20	0.05	10	0.64	595	<1	<0.01	21	730	<2	<5	10	0.17	<10	<10	94	<5	86	--	--
L04+00E 02+00N	1.93	0.2	10	40	<0.5	<2	0.13	<0.5	4	20	25	3.24	10	0.02	<10	0.29	269	<1	<0.01	8	920	4	<5	10	0.14	<10	<10	75	<5	66	--	--
L04+00E 01+75N	2.26	0.2	5	50	<0.5	<2	0.14	<0.5	6	24	41	3.46	10	0.02	<10	0.46	269	<1	<0.01	12	550	6	<5	10	0.14	<10	<10	77	<5	64	--	--
L04+00E 01+50N	4.92	0.2	10	90	<0.5	<2	0.17	0.5	11	37	195	5.34	20	0.06	10	0.68	434	<1	<0.01	21	910	2	<5	13	0.20	<10	<10	108	<5	164	--	--
L04+00E 01+25N	2.99	0.2	<5	80	<0.5	<2	0.14	<0.5	8	28	69	3.43	10	0.04	<10	0.61	324	<1	<0.01	17	350	4	<5	11	0.18	<10	<10	75	<5	94	--	--
L04+00E 01+00N	1.34	0.2	5	30	<0.5	<2	0.17	<0.5	3	16	17	2.64	10	0.01	<10	0.26	205	<1	<0.01	6	330	2	<5	14	0.15	<10	<10	75	<5	40	--	--
L04+00E 00+75N	3.60	0.2	<5	90	<0.5	<2	0.18	0.5	15	32	96	4.08	20	0.04	10	0.70	712	<1	<0.01	22	750	4	<5	14	0.22	<10	<10	90	<5	132	--	--
L04+00E 00+50N	2.70	0.2	5	50	<0.5	2	0.12	<0.5	10	25	56	3.71	10	0.03	<10	0.50	354	<1	<0.01	14	470	4	<5	10	0.17	<10	<10	74	<5	76	--	--
L04+00E 00+25N	2.03	0.2	<5	50	<0.5	<2	0.13	<0.5	7	22	27	3.19	20	0.02	<10	0.45	258	<1	<0.01	12	440	2	<5	10	0.19	<10	<10	80	<5	46	--	--
L04+00E 00+00	4.61	0.2	5	110	<0.5	<2	0.11	<0.5	22	31	107	4.31	20	0.07	<10	0.65	1225	<1	<0.01	20	660	2	<5	8	0.21	<10	<10	104	<5	120	--	--
L04+00E 00+25S	2.30	0.2	<5	40	<0.5	<2	0.10	0.5	6	26	43	3.51	10	0.02	<10	0.45	235	<1	<0.01	13	330	4	<5	7	0.16	<10	<10	80	<5	54	--	--
L04+00E 00+75S	2.50	0.2	<5	40	<0.5	<2	0.11	0.5	7	25	45	3.55	10	0.02	<10	0.50	329	<1	<0.01	13	590	2	<5	6	0.13	<10	<10	74	<5	72	--	--
L04+00E 01+00S	3.96	0.2	20	90	<0.5	<2	0.09	<0.5	15	39	82	4.63	10	0.03	<10	0.81	400	<1	<0.01	25	390	6	<5	8	0.18	<10	<10	95	<5	92	--	--

Certified by ..Hart Rossbacher.....

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CERTIFICATE OF ANALYSIS

TO : ROSSBACHER LABORATORY LIMITED

2225 SOUTH SPRINGER AVENUE
BURNABY, B.C.
V5B 3N1

CERT. # : A8621202-003-A
INVOICE # : I8621202
DATE : 16-DEC-86
P.O. # : NONE
V240-C RACK J

Semi quantitative multi element ICP analysis

Nitric-Aqua-Regia digestion of 0.5 gm of material followed by ICP analysis. Since this digestion is incomplete for many minerals, values reported for Al, Sb, Ba, Be, Ca, Cr, Ga, La, Mg, K, Na, Sr, Tl, Ti, W and V can only be considered as semi-quantitative.

COMMENTS :
ATTN: PETER ROSSBACHER

Sample description	Al %	Ag ppm	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm		
L04+00E 01+25S	2.40	0.4	<5	70	<0.5	<2	0.08	0.5	10	27	42	3.63	10	0.02	<10	0.48	282	<1	<0.01	13	350	<2	<5	7	0.12	<10	<10	73	<5	72	--	--
L04+00E 01+50S	2.86	0.2	5	90	<0.5	<2	0.15	0.5	14	30	60	3.93	10	0.04	<10	0.69	816	<1	<0.01	21	760	4	<5	7	0.13	<10	<10	76	<5	120	--	--
L04+00E 01+75S	3.73	0.2	15	180	<0.5	<2	0.29	<0.5	20	43	107	4.56	10	0.05	10	1.02	771	<1	<0.01	36	670	4	<5	11	0.16	<10	<10	93	<5	102	--	--
L04+00E 02+00S	2.87	0.4	5	80	<0.5	2	0.27	0.5	11	24	44	3.92	10	0.03	10	0.49	803	<1	<0.01	16	720	2	<5	17	0.13	<10	<10	72	<5	116	--	--
L05+00E 02+00N	3.10	0.4	15	70	<0.5	<2	0.12	<0.5	9	29	59	3.90	10	0.04	<10	0.62	365	<1	<0.01	17	1010	4	<5	8	0.14	<10	<10	79	<5	86	--	--
L05+00E 01+75N	3.01	0.4	15	120	<0.5	<2	0.25	<0.5	12	31	75	3.94	10	0.05	<10	0.72	726	<1	<0.01	20	720	6	<5	14	0.15	<10	<10	78	<5	138	--	--
L05+00E 01+50N	2.96	0.4	15	90	<0.5	<2	0.23	<0.5	11	31	70	4.39	10	0.05	<10	0.68	582	<1	<0.01	18	890	6	<5	14	0.15	<10	<10	90	<5	114	--	--
L05+00E 01+25N	3.73	0.4	15	220	<0.5	<2	0.19	0.5	21	42	136	4.95	20	0.09	10	1.05	1114	<1	<0.01	31	810	6	<5	16	0.21	<10	<10	105	<5	194	--	--
L05+00E 01+00N	3.03	0.4	<5	170	<0.5	<2	0.15	1.0	19	34	80	3.90	10	0.05	<10	0.84	650	<1	<0.01	25	610	<2	<5	13	0.18	<10	<10	85	<5	122	--	--
L05+00E 00+75N	4.17	0.4	10	210	<0.5	<2	0.15	0.5	20	46	123	5.02	20	0.09	10	1.07	911	<1	<0.01	35	820	2	<5	15	0.25	<10	<10	113	<5	120	--	--
L05+00E 00+50N	2.67	<0.2	10	50	<0.5	<2	0.08	<0.5	7	32	44	4.50	10	0.02	<10	0.49	266	<1	<0.01	15	800	2	<5	6	0.15	<10	<10	87	<5	74	--	--
L05+00E 00+25N	3.51	0.2	10	70	<0.5	<2	0.10	<0.5	9	47	65	3.95	10	0.02	<10	0.61	477	<1	<0.01	18	550	4	<5	8	0.13	<10	<10	78	<5	90	--	--
L05+00E 00+00	3.69	0.2	10	110	<0.5	<2	0.10	<0.5	11	37	67	4.24	10	0.03	<10	0.62	391	<1	<0.01	18	430	<2	<5	10	0.16	<10	<10	89	<5	118	--	--
L05+00E 00+25S	2.72	<0.2	5	50	<0.5	<2	0.08	<0.5	7	27	48	4.06	10	0.02	<10	0.36	335	<1	<0.01	11	630	6	<5	7	0.13	<10	<10	87	<5	62	--	--
L05+00E 00+50S	3.73	0.4	10	80	<0.5	<2	0.10	<0.5	14	34	85	4.23	10	0.03	<10	0.64	610	<1	<0.01	19	730	2	<5	9	0.16	<10	<10	90	<5	74	--	--
L05+00E 00+75S	2.38	<0.2	10	40	<0.5	<2	0.10	<0.5	7	24	40	3.34	10	0.02	<10	0.44	280	<1	<0.01	12	450	4	<5	8	0.13	<10	<10	77	<5	52	--	--
L05+00E 01+00S	3.72	<0.2	10	60	<0.5	<2	0.09	<0.5	9	35	77	4.35	10	0.03	<10	0.58	305	<1	<0.01	18	920	6	<5	8	0.15	<10	<10	93	<5	80	--	--
L05+00E 01+25S	3.62	0.2	15	70	<0.5	<2	0.11	<0.5	11	37	67	4.71	10	0.03	<10	0.65	362	<1	<0.01	19	540	<2	<5	10	0.18	<10	<10	100	<5	74	--	--
L05+00E 01+50S	4.12	0.4	15	140	<0.5	<2	0.16	0.5	19	42	101	4.83	20	0.05	10	1.00	553	<1	<0.01	31	590	2	<5	12	0.21	<10	<10	98	<5	114	--	--
L05+00E 01+75S	4.78	0.4	20	110	<0.5	<2	0.18	<0.5	17	46	100	5.17	20	0.06	10	0.82	653	<1	<0.01	28	830	2	<5	13	0.20	<10	<10	112	<5	118	--	--
L05+00E 02+00S	3.99	0.2	15	120	<0.5	<2	0.11	0.5	18	41	95	4.88	10	0.04	10	0.76	529	<1	<0.01	27	550	2	<5	9	0.17	<10	<10	99	<5	116	--	--
L06+00E 02+00N	1.00	0.2	<5	40	<0.5	<2	0.18	0.5	3	10	17	1.78	<10	0.03	<10	0.22	241	<1	<0.01	5	540	14	<5	8	0.07	<10	<10	35	<5	72	--	--
L06+00E 01+75N	3.98	0.4	<5	80	<0.5	<2	0.15	0.5	13	33	83	4.50	10	0.04	<10	0.46	413	<1	<0.01	19	810	2	<5	10	0.18	<10	<10	98	<5	134	--	--
L06+00E 01+50N	5.85	0.2	<5	260	<0.5	<2	0.12	0.5	23	47	159	5.25	10	0.07	10	0.82	668	<1	<0.01	39	800	12	<5	11	0.19	<10	<10	98	<5	272	--	--
L06+00E 01+25N	2.79	<0.2	10	80	<0.5	<2	0.12	<0.5	7	23	46	3.85	10	0.04	<10	0.32	313	<1	<0.01	12	600	4	<5	8	0.10	<10	<10	71	<5	132	--	--
L06+00E 01+00N	4.93	<0.2	10	240	<0.5	<2	0.22	<0.5	23	44	98	4.75	20	0.08	10	0.87	1403	<1	0.01	36	890	2	<5	15	0.18	<10	<10	96	<5	276	--	--
L06+00E 00+75N	5.75	<0.2	5	520	<0.5	<2	0.48	0.5	28	31	363	5.60	20	0.09	20	0.97	2859	<1	<0.01	31	1240	6	<5	36	0.20	<10	<10	86	<5	414	--	--
L06+00E 00+50N	3.60	<0.2	<5	90	<0.5	<2	0.13	0.5	12	37	77	4.04	20	0.04	<10	0.66	445	<1	<0.01	22	450	<2	<5	12	0.19	<10	<10	96	<5	78	--	--
L06+00E 00+25N	4.56	<0.2	10	140	<0.5	<2	0.16	<0.5	19	47	108	5.01	20	0.06	10	1.05	537	<1	<0.01	34	410	<2	<5	16	0.26	<10	<10	126	<5	96	--	--
L06+00E 00+00	4.30	<0.2	20	150	<0.5	<2	0.24	<0.5	16	46	85	4.84	20	0.07	10	0.95	522	<1	0.01	29	510	<2	<5	22	0.26	<10	<10	124	<5	104	--	--
L06+00E 00+25S	4.50	<0.2	<5	100	<0.5	<2	0.14	0.5	12	46	70	5.60	20	0.05	10	0.78	462	<1	<0.01	24	650	2	<5	12	0.21	<10	<10	125	<5	98	--	--
L06+00E 00+50S	2.52	<0.2	<5	110	<0.5	<2	0.32	0.5	10	27	50	2.90	10	0.06	10	0.48	551	<1	<0.01	17	670	10	<5	14	0.14	<10	<10	68	<5	108	--	--
L06+00E 00+75S	5.24	<0.2	15	170	<0.5	<2	0.16	<0.5	33	48	127	4.97	20	0.08	10	0.91	836	<1	0.01	32	570	<2	<5	16	0.24	<10	<10	119	<5	124	--	--
L06+00E 01+00S	4.31	<0.2	15	110	<0.5	<2	0.18	<0.5	13	45	94	4.93	20	0.06	10	0.86	538	<1	<0.01	27	740	2	<5	18	0.25	<10	<10	125	<5	88	--	--
L06+00E 01+25S	2.86	<0.2	10	60	<0.5	<2	0.18	<0.5	8	34	51	4.50	20	0.04	10	0.61	325	<1	<0.01	16	630	2	<5	15	0.20	<10	<10	114	<5	58	--	--
L06+00E 01+50S	4.17	<0.2	<5	90	<0.5	<2	0.19	0.5	14	39	67	4.65	20	0.06	10	0.71	747	<1	<0.01	21	800	<2	<5	18	0.23	<10	<10	110	<5	94	--	--
L06+00E 01+75S	4.67	<0.2	20	110	<0.5	<2	0.22	<0.5	13	43	79	5.24	20	0.06	10	0.82	1304	<1	0.01	24	1400	<2	5	16	0.23	<10	<10	125	<5	118	--	--
L06+00E 02+00S	2.70	<0.2	<5	90	<0.5	<2	0.20	0.5	9	31	44	3.70	20	0.05	10	0.62	1027	<1	<0.01	17	1010	2	<5	14	0.18	<10	<10	97	<5	74	--	--
L07+00E 02+00N	4.62	<0.2	10	150	<0.5	<2	0.23	<0.5	13	42	94	4.61	20	0.06	10	0.83	437	<1	0.01	26	440	<2	<5	20	0.27	<10	<10	114	<5	120	--	--
L07+00E 01+75N	5.19	<0.2	20	230	<0.5	<2	0.29	<0.5	18	48	132	5.29	30	0.11	10	1.13	596	<1	0.01	35	450	2	<5	28	0.31	<10	<10	130	<5	140	--	--

Certified by [signature]

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CERTIFICATE OF ANALYSIS

TO : ROSSBACHER LABORATORY LIMITED

2225 SOUTH SPRINGER AVENUE
BURNABY, B.C.
V5B 3N1

CERT. # : A8621202-004-A
INVOICE # : I8621202
DATE : 16-DEC-86
P.O. # : NONE
V240-C RACK J

Semi quantitative multi element ICP analysis

Nitric-Aqua-Regia digestion of 0.5 gm of material followed by ICP analysis. Since this digestion is incomplete for many minerals, values reported for Al, Sb, Ba, Be, Ca, Cr, Ga, La, Mg, K, Na, Sr, Tl, Ti, W and V can only be considered as semi-quantitative.

COMMENTS :
ATTN: PETER ROSSBACHER

Sample description	Al %	Ag ppm	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm		
L07+00E 01+50N	3.01	<0.2	15	120	<0.5	<2	0.36	<0.5	13	27	71	3.83	10	0.08	10	0.72	803	<1	<0.01	18	720	2	<5	15	0.14	<10	<10	83	<5	138	--	--
L07+00E 01+25N	3.33	<0.2	<5	120	<0.5	<2	0.31	0.5	15	30	87	4.34	20	0.08	10	0.81	779	<1	<0.01	20	720	<2	<5	15	0.16	<10	<10	91	<5	136	--	--
L07+00E 01+00N	3.40	<0.2	20	110	<0.5	<2	0.45	<0.5	17	33	115	5.21	20	0.09	10	0.99	803	<1	<0.01	22	710	2	<5	19	0.21	<10	<10	104	<5	162	--	--
L07+00E 00+75N	3.49	<0.2	10	170	<0.5	<2	0.41	<0.5	20	38	122	4.50	20	0.08	10	1.01	884	<1	0.01	28	540	2	<5	24	0.27	<10	<10	108	<5	222	--	--
L07+00E 00+25N	3.69	<0.2	10	170	<0.5	<2	0.31	<0.5	18	43	73	4.48	20	0.07	10	0.97	678	<1	0.01	29	390	<2	<5	23	0.24	<10	<10	112	<5	194	--	--
L07+00E 00+00	1.77	<0.2	5	150	<0.5	<2	0.43	<0.5	22	23	14	2.88	20	0.04	10	0.44	1220	<1	0.01	10	330	2	<5	28	0.18	<10	<10	85	<5	110	--	--
L07+00E 00+25S	3.04	<0.2	5	120	<0.5	<2	0.32	<0.5	15	35	57	4.07	20	0.06	10	0.79	500	<1	0.01	22	450	<2	<5	21	0.23	<10	<10	103	<5	138	--	--
L07+00E 00+50S	3.89	<0.2	20	170	<0.5	<2	0.29	<0.5	16	42	84	4.66	20	0.06	10	1.02	537	<1	0.01	29	400	<2	<5	20	0.25	<10	<10	110	<5	132	--	--
L07+00E 00+75S	3.08	<0.2	<5	120	<0.5	<2	0.31	<0.5	16	35	67	3.91	20	0.04	10	0.94	621	<1	<0.01	24	310	<2	<5	19	0.24	<10	<10	93	<5	132	--	--
L07+00E 01+00S	3.89	<0.2	<5	130	<0.5	<2	0.53	1.0	19	36	83	4.54	20	0.08	10	0.82	861	<1	0.01	23	740	2	<5	30	0.19	<10	<10	95	<5	174	--	--
L07+00E 01+25S	2.60	<0.2	5	70	<0.5	<2	0.15	<0.5	8	27	44	3.55	10	0.03	<10	0.48	478	<1	<0.01	14	670	6	<5	8	0.14	<10	<10	87	<5	104	--	--
L07+00E 01+50S	3.09	<0.2	15	80	<0.5	<2	0.15	<0.5	10	31	95	5.86	20	0.03	<10	0.70	382	<1	<0.01	20	1050	4	<5	8	0.17	<10	<10	104	<5	346	--	--
L07+00E 01+75S	4.26	<0.2	10	80	<0.5	<2	0.12	<0.5	15	35	81	4.50	20	0.04	<10	0.81	392	<1	<0.01	24	360	2	<5	9	0.18	<10	<10	100	<5	82	--	--
L07+00E 02+00S	3.92	<0.2	10	50	<0.5	<2	0.16	<0.5	9	39	72	4.78	20	0.04	<10	0.73	799	<1	<0.01	17	720	6	<5	10	0.17	<10	<10	111	<5	78	--	--
L08+00E 02+00N	2.87	<0.2	<5	50	<0.5	<2	0.16	0.5	6	31	42	3.83	20	0.04	<10	0.43	260	<1	<0.01	12	750	<2	<5	14	0.18	<10	<10	107	<5	56	--	--
L08+00E 01+75N	3.75	<0.2	15	60	<0.5	<2	0.20	<0.5	7	39	59	4.76	20	0.04	10	0.53	303	<1	<0.01	16	920	2	<5	19	0.22	<10	<10	134	<5	66	--	--
L08+00E 01+50N	3.61	<0.2	5	70	<0.5	<2	0.23	<0.5	6	34	48	5.11	20	0.05	10	0.47	290	<1	<0.01	15	1060	4	<5	20	0.21	<10	<10	141	<5	76	--	--
L08+00E 01+25N	4.92	<0.2	20	100	<0.5	<2	0.21	<0.5	9	46	77	5.15	20	0.07	10	0.68	536	<1	<0.01	22	1380	2	<5	17	0.23	<10	<10	135	<5	90	--	--
L08+00E 01+00N	4.01	<0.2	<5	110	<0.5	<2	0.21	0.5	13	39	84	4.38	20	0.07	10	0.79	596	<1	<0.01	23	630	<2	<5	17	0.22	<10	<10	108	<5	90	--	--
L08+00E 00+75N	4.25	<0.2	<5	100	<0.5	<2	0.21	0.5	13	40	83	4.75	20	0.06	10	0.71	485	<1	0.01	22	630	<2	<5	16	0.20	<10	<10	109	<5	104	--	--
L08+00E 00+50N	3.72	<0.2	10	140	<0.5	<2	0.16	<0.5	17	41	120	4.50	20	0.07	10	1.07	721	<1	<0.01	30	670	<2	<5	13	0.23	<10	<10	105	<5	104	--	--
L08+00E 00+25N	3.35	<0.2	10	40	<0.5	<2	0.10	<0.5	4	31	34	4.22	20	0.02	<10	0.34	265	<1	<0.01	10	980	2	<5	8	0.16	<10	<10	97	<5	64	--	--
L08+00E 00+00	3.65	<0.2	<5	70	<0.5	<2	0.12	<0.5	7	37	59	4.22	10	0.03	<10	0.47	305	<1	<0.01	15	630	<2	<5	11	0.15	<10	<10	102	<5	70	--	--
L08+00E 00+25S	2.46	<0.2	<5	40	<0.5	<2	0.12	<0.5	4	25	25	3.75	10	0.03	<10	0.37	245	<1	<0.01	10	510	<2	<5	12	0.13	<10	<10	90	<5	64	--	--
L08+00E 00+50S	4.02	<0.2	15	60	<0.5	<2	0.12	<0.5	6	34	49	4.62	20	0.04	<10	0.48	269	<1	<0.01	12	900	2	<5	12	0.17	<10	<10	101	<5	70	--	--
L08+00E 00+75S	3.67	<0.2	10	80	<0.5	<2	0.24	<0.5	8	36	66	4.40	20	0.05	10	0.65	572	<1	<0.01	17	830	2	<5	19	0.20	<10	<10	110	<5	78	--	--
L08+00E 01+00S	5.27	<0.2	20	80	<0.5	<2	0.17	<0.5	10	45	85	5.16	20	0.05	10	0.76	364	<1	<0.01	21	980	<2	<5	16	0.23	<10	<10	119	<5	78	--	--
L08+00E 01+25S	3.35	<0.2	10	90	<0.5	<2	0.24	<0.5	8	34	55	4.36	20	0.05	10	0.58	570	<1	<0.01	16	780	2	<5	15	0.20	<10	<10	112	<5	92	--	--
L08+00E 01+50S	3.95	<0.2	5	120	<0.5	<2	0.24	0.5	13	40	79	4.94	20	0.06	10	0.88	431	<1	0.01	25	360	<2	<5	19	0.24	<10	<10	120	<5	170	--	--
L08+00E 01+75S	4.32	<0.2	<5	70	<0.5	<2	0.19	1.5	12	33	74	4.69	20	0.05	10	0.68	463	<1	0.01	18	580	<2	<5	12	0.23	<10	<10	105	<5	106	--	--
L08+00E 02+00S	2.60	<0.2	5	30	<0.5	<2	0.08	<0.5	5	22	42	3.93	10	0.02	<10	0.42	336	<1	<0.01	10	400	4	<5	6	0.14	<10	<10	81	<5	54	--	--
L09+00E 02+00N	3.72	<0.2	10	70	<0.5	<2	0.15	<0.5	10	27	57	4.38	10	0.03	<10	0.59	475	<1	<0.01	15	970	8	<5	9	0.16	<10	<10	83	<5	98	--	--
L09+00E 01+75N	2.87	<0.2	5	60	<0.5	<2	0.19	<0.5	10	36	48	4.07	10	0.02	10	0.54	519	<1	<0.01	17	640	6	<5	13	0.19	<10	<10	99	<5	92	--	--
L09+00E 01+50N	1.65	<0.2	5	30	<0.5	<2	0.18	<0.5	5	16	19	2.64	10	0.01	<10	0.30	244	<1	<0.01	7	320	4	<5	12	0.17	<10	<10	74	<5	42	--	--
L09+00E 01+25N	3.37	<0.2	<5	60	<0.5	<2	0.19	<0.5	9	26	57	4.59	10	0.03	10	0.44	392	<1	<0.01	11	1310	6	<5	14	0.20	<10	<10	96	<5	102	--	--
L09+00E 01+00N	3.84	<0.2	5	100	<0.5	<2	0.25	<0.5	14	34	92	4.70	20	0.05	10	0.83	543	<1	0.01	23	530	<2	<5	19	0.27	<10	<10	103	<5	128	--	--
L09+00E 00+75N	4.97	<0.2	5	110	<0.5	<2	0.34	<0.5	17	35	110	5.08	10	0.07	10	0.74	755	2	0.01	21	820	2	<5	20	0.24	<10	<10	107	<5	160	--	--
L09+00E 00+50N	4.61	<0.2	10	100	<0.5	<2	0.20	<0.5	12	36	84	5.49	20	0.06	10	0.57	468	1	<0.01	18	1210	4	<5	16	0.24	<10	<10	112	<5	206	--	--
L09+00E 00+25N	3.34	0.6	10	70	<0.5	<2	0.15	<0.5	4	22	55	4.47	10	0.02	<10	0.32	300	<1	<0.01	7	700	4	<5	13	0.15	<10	<10	82	<5	120	--	--
L09+00E 00+00	4.19	<0.2	15	110	<0.5	<2	0.27	<0.5	12	39	81	5.20	10	0.06	10	0.70	453	1	0.01	21	600	4	<5	22	0.21	<10	<10	110	<5	172	--	--

Certified by .....

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CERTIFICATE OF ANALYSIS

TO : ROSSBACHER LABORATORY LIMITED

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P.O. # : NONE
V240-C RACK J

Semi quantitative multi element ICP analysis

Nitric-Aqua-Regia digestion of 0.5 gm of material followed by ICP analysis. Since this digestion is incomplete for many minerals, values reported for Al, Sb, Ba, Be, Ca, Cr, Ga, La, Mg, K, Na, Sr, Tl, Ti, W and V can only be considered as semi-quantitative.

COMMENTS :
ATTN: PETER ROSSBACHER

Sample description	Al %	Ag ppm	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm		
L09+00E 00+25S	4.52	<0.2	15	60	<0.5	<2	0.13	<0.5	8	36	101	5.51	10	0.04	<10	0.64	391	1	<0.01	18	1010	6	<5	14	0.21	<10	<10	80	<5	174	--	--
L09+00E 00+50S	2.74	0.6	5	60	<0.5	<2	0.24	<0.5	5	18	49	4.06	10	0.05	10	0.39	460	<1	<0.01	10	610	6	<5	12	0.12	<10	<10	63	<5	82	--	--
L09+00E 00+75S	4.28	<0.2	10	140	<0.5	<2	0.40	<0.5	16	34	86	4.65	10	0.09	10	0.74	593	<1	0.01	22	570	6	<5	22	0.21	<10	<10	94	<5	146	--	--
L09+00E 01+00S	3.94	<0.2	5	130	<0.5	<2	0.37	<0.5	12	31	67	5.38	20	0.08	10	0.56	469	<1	0.01	17	600	6	<5	23	0.24	<10	<10	123	<5	154	--	--
L09+00E 01+25S	4.99	<0.2	10	110	<0.5	<2	0.26	<0.5	13	40	105	5.35	20	0.07	10	0.78	485	<1	0.01	23	720	4	<5	21	0.26	<10	<10	115	<5	136	--	--
L09+00E 01+50S	3.51	0.8	10	90	<0.5	<2	0.21	<0.5	9	25	59	3.99	20	0.06	10	0.41	408	<1	0.01	10	610	2	<5	17	0.20	<10	<10	99	<5	102	--	--
L09+00E 01+75S	4.24	<0.2	10	60	<0.5	<2	0.18	<0.5	7	44	69	5.38	10	0.04	10	0.58	297	<1	<0.01	16	670	2	<5	18	0.23	<10	<10	117	<5	70	--	--
L09+00E 02+00S	4.25	<0.2	5	190	<0.5	<2	0.56	<0.5	21	48	76	4.46	10	0.09	10	0.84	711	<1	0.01	33	430	2	<5	25	0.20	<10	<10	102	<5	120	--	--
L10+00E 02+00N	4.02	<0.2	5	70	<0.5	<2	0.21	<0.5	10	34	61	4.23	10	0.04	<10	0.49	731	<1	<0.01	15	1520	4	<5	16	0.18	<10	<10	96	<5	90	--	--
L10+00E 01+75N	3.04	<0.2	10	60	<0.5	<2	0.25	<0.5	9	29	113	4.40	10	0.03	<10	0.60	582	<1	0.01	17	550	8	<5	18	0.18	<10	<10	123	<5	74	--	--
L10+00E 01+50N	2.78	<0.2	5	60	<0.5	<2	0.26	<0.5	9	24	81	3.75	10	0.04	10	0.46	332	<1	<0.01	13	770	4	<5	19	0.19	<10	<10	97	<5	74	--	--
L10+00E 01+25N	2.79	<0.2	5	40	<0.5	<2	0.18	<0.5	7	24	38	4.64	20	0.03	<10	0.35	340	<1	<0.01	9	700	6	<5	15	0.21	<10	<10	115	<5	72	--	--
L10+00E 01+00N	4.57	<0.2	<5	80	<0.5	<2	0.28	<0.5	13	38	123	4.69	20	0.04	10	0.86	485	<1	0.01	23	590	2	<5	20	0.31	<10	<10	109	<5	96	--	--
L10+00E 00+75N	4.69	<0.2	5	190	<0.5	<2	0.27	<0.5	20	43	116	4.93	20	0.09	10	0.96	741	<1	0.01	30	500	4	<5	25	0.27	<10	<10	115	<5	104	--	--
L10+00E 00+50N	4.52	<0.2	5	120	<0.5	<2	0.32	<0.5	34	35	114	4.40	10	0.07	10	0.79	1298	1	0.01	26	580	6	<5	24	0.22	<10	<10	97	<5	230	--	--
L10+00E 00+25N	3.62	<0.2	10	100	<0.5	<2	0.30	<0.5	12	32	87	4.42	10	0.06	10	0.67	719	<1	<0.01	19	660	10	<5	23	0.21	<10	<10	94	<5	286	--	--
L10+00E 00+00	4.99	<0.2	10	140	<0.5	<2	0.28	<0.5	13	41	85	5.30	20	0.08	10	0.84	542	<1	0.01	27	770	4	<5	24	0.25	<10	<10	107	<5	462	--	--
L10+00E 00+25S	4.02	<0.2	10	130	<0.5	<2	0.28	<0.5	15	30	72	4.54	10	0.07	10	0.56	377	<1	0.01	22	480	4	<5	19	0.19	<10	<10	89	<5	168	--	--
L10+00E 00+50S	3.61	<0.2	5	90	<0.5	<2	0.21	<0.5	11	28	61	4.59	10	0.07	10	0.47	583	<1	0.01	14	970	6	<5	15	0.20	<10	<10	93	<5	128	--	--
L10+00E 00+75S	3.34	<0.2	10	120	<0.5	<2	0.27	<0.5	42	23	59	4.00	10	0.06	10	0.41	1546	1	0.01	14	710	10	<5	15	0.16	<10	<10	78	<5	130	--	--
L10+00E 01+00S	2.59	0.6	10	60	<0.5	<2	0.27	<0.5	8	24	33	3.92	20	0.04	10	0.37	631	<1	0.01	9	600	6	<5	21	0.20	<10	<10	94	<5	94	--	--
L10+00E 01+25S	3.50	<0.2	10	90	<0.5	<2	0.18	<0.5	9	29	49	4.86	20	0.05	10	0.42	381	<1	<0.01	12	720	2	<5	14	0.20	<10	<10	103	<5	200	--	--
L10+00E 01+50S	4.45	<0.2	10	110	<0.5	<2	0.18	<0.5	13	32	87	5.04	10	0.07	10	0.60	465	<1	<0.01	17	640	<2	<5	17	0.22	<10	<10	108	<5	126	--	--
L10+00E 01+75S	2.89	<0.2	5	120	<0.5	<2	0.21	<0.5	7	25	46	4.61	20	0.04	10	0.36	381	<1	<0.01	10	390	2	<5	15	0.19	<10	<10	118	<5	112	--	--
L10+00E 02+00S	6.26	<0.2	15	210	<0.5	<2	0.24	<0.5	28	50	136	5.86	20	0.12	10	0.74	556	<1	0.01	39	630	6	<5	17	0.22	<10	<10	118	<5	264	--	--
L11+00E 02+00N	5.81	<0.2	10	180	<0.5	<2	0.36	<0.5	21	52	150	5.42	20	0.10	10	1.00	671	<1	0.01	36	1010	6	<5	26	0.27	<10	<10	151	<5	102	--	--
L11+00E 01+75N	5.00	<0.2	5	170	<0.5	<2	0.35	<0.5	26	51	122	5.06	10	0.08	10	1.05	872	<1	0.01	36	880	4	<5	26	0.26	<10	<10	113	<5	136	--	--
L11+00E 01+50N	4.48	<0.2	<5	70	<0.5	<2	0.34	<0.5	10	39	84	3.91	10	0.06	10	0.49	507	<1	<0.01	20	1220	12	<5	22	0.19	<10	<10	114	<5	88	--	--
L11+00E 01+25N	3.91	<0.2	5	90	<0.5	<2	0.27	<0.5	14	33	113	4.43	10	0.05	10	0.80	507	<1	0.01	23	750	4	<5	18	0.24	<10	<10	106	<5	90	--	--
L11+00E 01+00N	4.11	<0.2	10	80	<0.5	<2	0.22	<0.5	13	35	93	5.48	20	0.05	10	0.61	518	<1	<0.01	18	1500	6	<5	15	0.25	<10	<10	128	<5	94	--	--
L11+00E 00+75N	3.68	<0.2	5	110	<0.5	<2	0.31	<0.5	14	33	91	4.57	10	0.05	10	0.83	474	<1	0.01	23	540	4	<5	22	0.26	<10	<10	108	<5	88	--	--
L11+00E 00+50N	4.01	<0.2	5	260	<0.5	<2	0.77	0.5	21	34	113	4.29	10	0.11	20	0.83	979	<1	0.01	24	680	14	<5	35	0.19	<10	<10	87	<5	162	--	--
L11+00E 00+25N	3.35	0.6	5	60	<0.5	<2	0.22	<0.5	10	30	47	4.05	10	0.05	<10	0.52	329	<1	<0.01	16	1090	8	<5	17	0.19	<10	<10	89	<5	104	--	--
L11+00E 00+00	3.50	<0.2	5	100	<0.5	<2	0.25	<0.5	13	31	76	4.23	10	0.06	10	0.72	492	<1	<0.01	20	500	6	<5	21	0.22	<10	<10	91	<5	108	--	--
L11+00E 00+25S	3.82	<0.2	5	110	<0.5	<2	0.26	<0.5	12	32	68	4.35	10	0.07	10	0.71	588	<1	0.01	21	490	2	<5	21	0.21	<10	<10	92	<5	116	--	--
L11+00E 00+50S	4.27	<0.2	5	90	<0.5	<2	0.25	<0.5	8	34	68	4.67	20	0.06	10	0.62	389	<1	<0.01	17	510	4	<5	22	0.24	<10	<10	98	<5	116	--	--
L11+00E 00+75S	5.60	<0.2	5	90	<0.5	<2	0.24	<0.5	12	41	81	5.23	10	0.06	10	0.68	432	<1	0.01	19	750	2	<5	21	0.25	<10	<10	102	<5	116	--	--
L11+00E 01+00S	2.64	<0.2	10	110	<0.5	<2	0.35	<0.5	10	24	51	3.87	10	0.07	10	0.49	913	<1	<0.01	13	1090	14	<5	18	0.18	<10	<10	78	<5	148	--	--
L11+00E 01+25S	5.09	<0.2	15	230	<0.5	<2	0.26	<0.5	20	39	116	5.18	10	0.08	10	0.77	587	<1	0.01	34	520	4	<5	19	0.25	<10	<10	105	<5	176	--	--
L11+00E 01+50S	0.84	<0.2	5	70	<0.5	<2	0.36	<0.5	3	8	16	1.04	<10	0.05	<10	0.12	168	<1	<0.01	6	740	28	<5	16	0.06	<10	<10	29	<5	70	--	--

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Certified by: Hart Bichler

V03 rev. 11.85

Chemex Labs Ltd.

212 Brooksbank Ave
North Vancouver, B.C.
Canada V7J 2C1

•Analytical Chemists •Geochemists •Registered Assayers

Phone: (604) 984-0221
Telex: 043-52597

CERTIFICATE OF ANALYSIS

TO : ROSSBACHER LABORATORY LIMITED

2225 SOUTH SPRINGER AVENUE
BURNABY, B.C.
V5B 3N1

CERT. # : A8621202-006-A
INVOICE # : I8621202
DATE : 16-DEC-86
P.O. # : NONE
V240-C RACK J

Semi quantitative multi element ICP analysis

Nitric-Aqua-Regia digestion of 0.5 gm of material followed by ICP analysis. Since this digestion is incomplete for many minerals, values reported for Al, Sb, Ba, Be, Ca, Cr, Ga, La, Mg, K, Na, Sr, Tl, Ti, W and V can only be considered as semi-quantitative.

COMMENTS :
ATTN: PETER ROSSBACHER

Sample description	Al %	Ag ppm	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm		
L11+00E 01+75S	2.60	<0.2	5	40	<0.5	<2	0.11	<0.5	4	22	39	4.35	10	0.02	<10	0.30	223	<1	<0.01	7	730	4	<5	8	0.13	<10	<10	94	<5	72	--	--
L11+00E 02+00S	1.90	<0.2	15	50	<0.5	<2	0.23	<0.5	4	20	49	3.39	10	0.05	<10	0.38	1126	<1	<0.01	10	1050	16	<5	10	0.19	<10	<10	84	<5	50	--	--
L12+00E 02+00N	4.71	<0.2	5	180	<0.5	<2	0.32	<0.5	29	46	155	6.06	20	0.05	10	1.24	966	<1	0.01	40	820	6	<5	18	0.30	<10	<10	170	<5	108	--	--
L12+00E 01+75N	1.99	<0.2	5	110	<0.5	<2	0.38	<0.5	6	18	31	2.52	10	0.06	10	0.30	1036	<1	<0.01	14	850	26	<5	16	0.12	<10	<10	63	<5	90	--	--
L12+00E 01+50N	4.55	<0.2	10	150	<0.5	<2	0.29	<0.5	24	46	129	5.37	20	0.07	10	1.17	873	<1	0.01	35	790	8	<5	18	0.28	<10	<10	143	<5	108	--	--
L12+00E 01+25N	1.82	<0.2	5	40	<0.5	<2	0.21	<0.5	4	18	38	3.20	10	0.03	<10	0.39	294	<1	<0.01	10	600	10	<5	13	0.20	<10	<10	87	<5	54	--	--
L12+00E 01+00N	1.93	<0.2	10	40	<0.5	<2	0.17	<0.5	5	17	45	3.21	10	0.03	<10	0.39	897	<1	<0.01	9	690	8	<5	9	0.16	<10	<10	80	<5	58	--	--
L12+00E 00+75N	2.46	<0.2	5	50	<0.5	<2	0.18	<0.5	10	23	50	3.57	10	0.03	<10	0.52	483	<1	<0.01	14	640	10	<5	10	0.18	<10	<10	79	<5	74	--	--
L12+00E 00+50N	2.41	<0.2	5	40	<0.5	<2	0.14	<0.5	8	21	42	3.73	10	0.02	<10	0.46	317	<1	<0.01	12	530	4	<5	8	0.18	<10	<10	81	<5	72	--	--
L12+00E 00+25N	1.57	<0.2	<5	70	<0.5	<2	0.27	<0.5	12	18	26	2.64	10	0.02	<10	0.51	760	<1	<0.01	11	260	4	<5	12	0.14	<10	<10	54	<5	74	--	--
L12+00E 00+00	3.78	<0.2	5	80	<0.5	<2	0.18	<0.5	13	30	80	4.43	10	0.03	<10	0.75	449	<1	<0.01	20	910	<2	<5	10	0.21	<10	<10	87	<5	122	--	--
L12+00E 00+25S	1.66	<0.2	<5	70	<0.5	<2	0.17	<0.5	6	16	29	2.64	10	0.02	<10	0.36	309	<1	<0.01	9	290	2	<5	10	0.14	<10	<10	59	<5	62	--	--
L12+00E 00+50S	2.39	<0.2	5	60	<0.5	<2	0.17	<0.5	8	22	45	3.37	10	0.02	<10	0.45	333	<1	<0.01	12	490	2	<5	13	0.17	<10	<10	74	<5	66	--	--
L12+00E 00+75S	3.43	<0.2	15	70	<0.5	<2	0.21	<0.5	8	24	84	4.66	10	0.04	10	0.59	493	<1	<0.01	15	680	4	<5	11	0.18	<10	<10	82	<5	100	--	--
L12+00E 01+00S	3.17	<0.2	5	70	<0.5	<2	0.14	<0.5	9	22	60	4.03	10	0.04	10	0.38	562	<1	<0.01	11	610	<2	<5	10	0.19	<10	<10	87	<5	76	--	--
L12+00E 01+25S	2.73	<0.2	5	60	<0.5	<2	0.14	<0.5	8	21	50	3.70	10	0.03	<10	0.42	361	<1	<0.01	10	930	2	<5	9	0.16	<10	<10	75	<5	74	--	--
L12+00E 01+50S	3.18	<0.2	5	90	<0.5	<2	0.15	<0.5	9	25	82	4.42	10	0.04	<10	0.48	411	<1	<0.01	14	530	4	<5	9	0.17	<10	<10	97	<5	80	--	--
L12+00E 01+75S	3.83	<0.2	15	130	<0.5	<2	0.21	<0.5	18	32	141	4.76	10	0.06	10	0.87	637	<1	<0.01	23	680	2	<5	11	0.22	<10	<10	97	<5	110	--	--
L4+00E 0+50S	2.71	<0.2	10	70	<0.5	<2	0.15	<0.5	10	26	40	3.37	10	0.02	<10	0.42	504	<1	<0.01	12	840	2	<5	13	0.15	<10	<10	76	<5	62	--	--

Certified by .....

V03 rev 1 '85

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ROSSBACHER LABORATORY LTD.
2225 S. SPRINGER AVENUE
BURNABY, B.C. V5B 3N1
TEL : (604) 299 - 6910

CERTIFICATE OF ANALYSIS

O : MPH CONSULTING LTD.
301-409 GRANVILLE STREET
VANCOUVER B.C.
ROJECT: V 240
.YPE OF ANALYSIS: GEOCHEMICAL

CERTIFICATE#: 86683
INVOICE#: 7232
DATE ENTERED: 86-11-28
FILE NAME: MPH86683
PAGE # : 1

RE IX	SAMPLE NAME	PPB Au
A	14064	40
A	14065	5
A	14066	40
A	14067	30
A	14801	2800
A	14802	20
S	OLD 8E 4+25 S	5
A	4+50 S	5
A	4+75 S	5
A	5+00 S	5
A	10E 1+25S LOWA	5
A	2+75 S	170
A	3+00 S	1360
A	3+25 S	40
A	3+50 S	30
A	3+75 S	20
A	11E 0+00 S	5
A	0+25 S	5
A	0+50 S	5
A	0+75 S	5
A	1+00 S	10
A	1+25 S	60
A	1+50 S	670
A	1+75 S	10
A	2+00 S	30
A	2+25 S	40
A	2+50 S	200
A	2+75 S	5
A	3+00 S	5
A	3+25 S	5
A	3+50 S	980
A	11E 3+75 S	10

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CERTIFIED BY : J. Rossbach

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Analytical Chemists *Geochemists* *Registered Assayers*

CERTIFICATE OF ANALYSIS

TO : ROSSBACHER LABORATORY LIMITED

2225 SOUTH SPRINGER AVENUE
BURNABY, B.C.
V5B 3N1

CERT. # : A8621499-001-A
INVOICE # : I8621499
DATE : 16-DEC-86
P.O. # : NONE
V240 RACK P

Semi quantitative multi element ICP analysis

Nitric-Aqua-Regia digestion of 0.5 gm of material followed by ICP analysis. Since this digestion is incomplete for many minerals, values reported for Al, Sb, Ba, Be, Ca, Cr, Ga, La, Mg, K, Na, Sr, Tl, Ti, W and V can only be considered as semi-quantitative.

COMMENTS :
ATTN: P. ROSSBACHER

Sample description	Al %	Ag ppm	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm		
14064	3.01	0.2	<5	10	<0.5	<2	2.21	0.5	14	74	101	3.47	10	0.08	<10	0.32	168	<1	0.45	12	1640	2	<5	110	0.19	<10	<10	53	<5	88	--	--
14065	1.20	<0.2	<5	<10	<0.5	<2	1.50	0.5	7	136	65	2.43	10	0.01	<10	0.08	134	<1	0.04	9	600	2	<5	25	0.13	<10	<10	50	<5	52	--	--
14066	1.31	1.2	5	<10	<0.5	<2	2.68	0.5	7	101	1645	6.59	10	<0.01	<10	0.23	575	<1	<0.01	4	3190	2	<5	<1	0.10	<10	<10	53	<5	68	--	--
14067	1.66	0.8	5	40	<0.5	<2	1.06	0.5	12	81	288	8.04	20	0.03	10	0.38	405	<1	0.02	22	2590	<2	<5	23	0.24	<10	<10	46	<5	82	--	--
14801	0.73	15.6	25	20	<0.5	2	0.16	11.0	11	203	1297	3.67	<10	0.07	<10	0.33	209	<1	<0.01	7	250	256	<5	1	0.02	<10	<10	24	<5	272	--	--
14802	1.72	0.8	15	20	<0.5	4	14.16	2.0	14	32	132	4.43	10	0.34	<10	0.53	792	<1	<0.01	10	3260	16	<5	<1	0.20	<10	<10	55	<5	74	--	--
OLD 8E 4+25S	1.90	0.4	<5	20	<0.5	<2	0.37	<0.5	6	16	33	2.89	20	0.02	<10	0.24	209	<1	0.01	7	340	2	<5	14	0.31	<10	<10	98	<5	34	--	--
OLD 8E 4+50S	5.15	<0.2	<5	40	<0.5	<2	0.30	0.5	11	24	116	4.59	20	0.02	10	0.46	366	<1	0.01	12	840	8	<5	14	0.23	<10	<10	133	<5	54	--	--
OLD 8E 4+75S	2.90	<0.2	<5	30	<0.5	<2	0.41	<0.5	8	18	55	3.11	20	0.02	10	0.36	321	<1	0.01	13	510	6	<5	18	0.22	<10	<10	94	<5	46	--	--
OLD 8E 5+00S	3.92	<0.2	<5	70	<0.5	<2	0.51	0.5	18	28	71	4.20	20	0.05	10	0.64	989	<1	0.01	17	1590	6	<5	21	0.25	<10	<10	108	<5	76	--	--
10E 1+25S	1.92	<0.2	<5	30	<0.5	<2	0.15	<0.5	7	14	36	2.83	20	0.02	<10	0.27	256	1	<0.01	8	200	4	<5	10	0.25	<10	<10	122	<5	48	--	--
10E 2+75S	0.96	<0.2	<5	20	<0.5	<2	0.34	<0.5	5	31	18	2.97	30	0.03	<10	0.20	254	<1	0.02	4	610	14	<5	17	0.27	<10	<10	117	<5	26	--	--
10E 3+00S	0.76	0.2	<5	<10	<0.5	<2	0.23	<0.5	5	5	16	3.45	20	0.01	<10	0.11	283	<1	0.01	2	270	4	<5	5	0.25	<10	<10	128	<5	26	--	--
10E 3+25S	4.88	0.6	5	30	<0.5	<2	0.23	0.5	8	31	171	7.10	30	0.04	10	0.51	311	<1	0.01	12	1360	6	<5	16	0.32	<10	<10	201	<5	62	--	--
10E 3+50S	1.20	<0.2	<5	20	<0.5	<2	0.26	<0.5	4	12	10	2.22	20	0.02	<10	0.18	208	<1	<0.01	4	210	4	<5	17	0.23	<10	<10	107	<5	24	--	--
10E 3+75S	3.11	<0.2	<5	30	<0.5	<2	0.39	0.5	10	25	134	5.85	20	0.03	10	0.44	260	<1	0.02	16	630	2	<5	19	0.28	<10	<10	241	<5	58	--	--
11E 0+00S	2.75	<0.2	<5	40	<0.5	<2	0.31	<0.5	7	24	31	3.39	20	0.03	10	0.39	354	<1	0.01	7	1050	8	<5	16	0.25	<10	<10	107	<5	36	--	--
11E 0+25S	2.53	<0.2	<5	30	<0.5	<2	0.31	<0.5	6	21	24	3.03	20	0.03	<10	0.33	424	<1	0.01	7	920	8	<5	15	0.22	<10	<10	90	<5	46	--	--
11E 0+50S	4.04	<0.2	10	60	<0.5	<2	0.33	<0.5	8	30	61	4.22	20	0.05	10	0.53	332	<1	0.01	12	740	4	<5	17	0.25	<10	<10	120	<5	46	--	--
11E 0+75S	0.69	<0.2	<5	10	<0.5	<2	0.14	<0.5	3	12	5	2.02	10	0.01	<10	0.06	142	<1	<0.01	2	180	4	<5	10	0.15	<10	<10	85	<5	18	--	--
11E 1+00S	4.15	0.2	<5	40	<0.5	<2	0.31	0.5	8	25	110	3.76	20	0.03	10	0.36	350	<1	0.01	11	970	12	<5	14	0.24	<10	<10	113	<5	54	--	--
11E 1+25S	6.31	<0.2	<5	30	<0.5	<2	0.32	0.5	10	26	413	7.45	10	0.03	10	0.37	365	2	0.01	8	1920	6	<5	10	0.20	<10	<10	90	<5	56	--	--
11E 1+50S	5.06	<0.2	<5	40	<0.5	<2	0.33	1.0	19	32	738	8.44	20	0.05	10	0.68	516	1	0.01	18	1590	4	<5	13	0.22	<10	<10	134	<5	116	--	--
11E 1+75S	3.70	<0.2	5	30	<0.5	<2	0.19	1.0	5	34	110	10.23	30	0.04	<10	0.35	318	<1	<0.01	7	3880	6	<5	12	0.29	<10	<10	248	<5	52	--	--
11E 2+00S	3.62	0.2	10	40	<0.5	<2	0.25	0.5	7	20	90	4.66	20	0.04	<10	0.31	456	<1	0.01	7	1130	6	<5	14	0.20	<10	<10	141	<5	70	--	--
11E 2+25S	2.35	<0.2	5	60	<0.5	<2	0.41	<0.5	9	19	62	3.40	10	0.03	<10	0.43	944	<1	0.01	13	600	10	<5	15	0.19	<10	<10	113	<5	62	--	--
11E 2+50S	1.31	<0.2	5	30	<0.5	<2	0.21	0.5	3	13	13	2.83	20	0.03	<10	0.22	254	<1	<0.01	6	540	10	<5	10	0.23	<10	<10	124	<5	48	--	--
11E 2+75S	1.50	<0.2	5	70	<0.5	<2	0.43	<0.5	6	18	34	2.43	10	0.03	<10	0.40	202	<1	<0.01	13	700	12	<5	13	0.13	<10	<10	77	<5	66	--	--
11E 3+00S	3.07	<0.2	5	40	<0.5	<2	0.33	0.5	11	27	75	5.36	20	0.03	10	0.61	439	<1	0.01	18	890	4	<5	13	0.28	<10	<10	181	<5	104	--	--
11E 3+25S	4.32	0.2	<5	40	<0.5	<2	0.36	0.5	14	30	87	5.28	20	0.04	10	0.64	468	<1	0.01	17	1280	4	<5	18	0.28	<10	<10	174	<5	96	--	--
11E 3+50S	1.25	<0.2	10	60	<0.5	<2	0.29	<0.5	5	9	12	2.55	10	0.04	<10	0.24	311	<1	0.01	4	510	6	<5	12	0.15	<10	<10	79	<5	34	--	--
11E 3+75S	2.06	<0.2	5	60	<0.5	<2	0.27	0.5	4	17	35	3.31	10	0.03	<10	0.22	184	<1	0.01	7	680	10	<5	14	0.18	<10	<10	108	<5	46	--	--

10

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Certified by ...

OSSBACHER LABORATORY LTD.

2225 S. SPRINGER AVENUE
BURNABY, B.C. V5B 3N1
TEL : (604) 299 - 6910

CERTIFICATE OF ANALYSIS

T : MPH CONSULTING LTD.
301-409 GRANVILLE STREET
VANCOUVER B.C.
PROJECT: V 240 TRENCH
TYPE OF ANALYSIS: GEOCHEMICAL

CERTIFICATE#: 89692
INVOICE#: 7267
DATE ENTERED: 86-12-05
FILE NAME: MPH86692
PAGE # : 1

FIRE ASSAY	SAMPLE NAME	PPB Au
	14094	20
	14095	5
	14096	10
	14097	5
	14098	50
	14099	5
	14100	5
	14805	80
	14806	5
	14807	2260
	14808	5
	14809	960
	14810	5
	14811	1440
	14812	5
	14813	1040
	14814	5
	14815	160
	14816	5
	14817	460
	14818	10
	14819	5
	14820	160
	14821	5
	14822	750
	14823	5
	14824	960
	14825	5
	14826	210
	14827	450
	14828	5
	14829	60
	14830	470
	14831	5
	14832	7100

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CERTIFIED BY : _____

Chemex Labs Ltd.
Analytical Chemists * Geochemists * Registered Assayers
212 BROOKSBANK AVE., NORTH VANCOUVER,
BRITISH COLUMBIA, CANADA V7J-2C1
PHONE (604) 984-0221

CERTIFICATE OF ANALYSIS A8621671

To : ROSSBACHER LABORATORY LIMITED
2225 SOUTH SPRINGER AVENUE
BURNABY, B.C.
V5B 3N1

Page No. : 1-A
Tot. Pages: 1
Date : 17-DEC-86
Invoice # : I-8621671
P.O. # : NONE

Project : V240 RACK T
Comments: ATTN: PETER ROSSBACHER

SAMPLE DESCRIPTION	PREP CODE		Al %	Ag ppm	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %
14094	221	—	3.68	0.2	15	40	< 0.5	< 2	2.64	0.5	19	60	172	6.50	30	0.16	10	1.99	1205	< 1	0.08
14095	221	—	2.70	0.2	10	20	< 0.5	< 2	1.87	0.5	17	101	126	5.10	20	0.09	10	1.59	1165	< 1	0.07
14096	221	—	2.09	0.2	< 5	10	< 0.5	< 2	4.54	0.5	12	82	72	3.38	10	0.06	< 10	1.11	993	< 1	0.02
14097	221	—	3.60	0.2	25	60	< 0.5	< 2	3.55	0.5	15	75	108	5.52	30	0.25	< 10	1.74	1205	< 1	0.09
14098	221	—	3.05	0.2	525	80	< 0.5	< 2	1.49	< 0.5	15	36	98	5.53	20	0.38	10	1.65	1050	< 1	0.04
14099	221	—	4.17	0.2	65	110	< 0.5	< 2	1.94	< 0.5	17	17	118	5.89	30	0.39	20	1.65	838	< 1	0.22
14100	221	—	4.10	0.2	90	120	< 0.5	< 2	1.71	< 0.5	17	22	110	5.17	30	0.33	10	1.46	761	< 1	0.31
14805	221	—	2.92	0.2	30	130	< 0.5	< 2	0.98	0.5	15	18	112	4.82	20	0.41	10	1.30	809	< 1	0.10
14806	221	—	2.53	0.2	15	50	< 0.5	< 2	0.86	0.5	15	20	100	4.67	20	0.19	10	1.34	892	< 1	0.05
14807	221	—	1.30	24.2	15	50	< 0.5	6	2.13	>99.9	21	69	1620	4.43	< 10	0.19	< 10	0.57	518	< 1	0.01
14808	221	—	3.38	0.2	10	90	< 0.5	< 2	1.41	1.5	19	26	142	5.81	30	0.20	10	1.66	1155	< 1	0.16
14809	221	—	3.13	23.2	85	170	< 0.5	4	1.26	33.5	26	45	1180	7.38	10	0.69	10	1.14	856	4	0.19
14810	221	—	3.80	0.2	15	120	< 0.5	< 2	2.70	0.5	18	33	118	5.88	30	0.22	10	1.63	1015	< 1	0.15
14811	221	—	0.88	16.0	10	40	< 0.5	< 2	1.89	49.0	13	179	1720	3.08	< 10	0.12	< 10	0.47	560	< 1	< 0.01
14812	221	—	3.59	0.2	15	100	< 0.5	< 2	1.75	2.5	18	27	120	5.88	30	0.34	10	1.58	1110	< 1	0.19
14813	221	—	1.82	32.6	75	70	< 0.5	2	3.65	23.0	22	119	1140	6.58	< 10	0.43	< 10	0.76	790	< 1	< 0.01
14814	221	—	2.93	0.2	15	90	< 0.5	< 2	1.63	1.0	20	40	106	5.29	20	0.40	10	1.57	1135	< 1	0.06
14815	221	—	1.18	3.2	5	80	< 0.5	2	3.62	13.5	13	129	256	3.37	< 10	0.28	< 10	0.60	1115	< 1	< 0.01
14816	221	—	2.81	0.6	10	70	< 0.5	< 2	2.50	1.5	21	52	128	5.50	10	0.39	< 10	1.58	1090	< 1	0.08
14817	221	—	2.17	13.6	315	80	< 0.5	2	0.41	4.0	29	86	1300	9.54	10	0.44	10	1.06	811	< 1	< 0.01
14818	221	—	3.63	1.0	25	100	< 0.5	< 2	1.44	1.5	28	120	196	6.52	20	0.67	20	2.09	1200	< 1	0.15
14819	221	—	3.48	0.2	20	100	< 0.5	< 2	2.07	< 0.5	23	94	124	4.90	20	0.27	10	1.50	947	< 1	0.22
14820	221	—	2.15	7.6	15	80	< 0.5	< 2	1.01	23.5	16	75	952	4.71	10	0.29	10	0.97	702	< 1	0.08
14821	221	—	2.81	1.8	30	110	< 0.5	< 2	2.07	1.5	20	35	286	5.84	10	0.51	10	1.58	839	< 1	0.02
14822	221	—	1.74	23.0	205	50	< 0.5	< 2	3.31	24.5	31	91	3460	10.10	< 10	0.38	< 10	0.75	745	< 1	< 0.01
14823	221	—	3.26	0.2	20	50	< 0.5	< 2	2.04	< 0.5	20	115	126	5.32	20	0.12	10	1.65	1150	< 1	0.07
14824	221	—	1.12	10.4	55	70	< 0.5	2	0.27	34.0	12	129	854	3.82	< 10	0.25	< 10	0.49	405	< 1	< 0.01
14825	221	—	2.70	0.8	30	40	< 0.5	< 2	0.79	3.5	20	89	274	4.99	20	0.22	10	1.58	1035	< 1	0.03
14826	221	—	2.04	3.4	90	20	< 0.5	< 2	0.86	4.0	16	48	1360	5.00	10	0.24	10	1.00	617	1	0.01
14827	221	—	1.84	3.2	365	30	< 0.5	2	0.70	10.0	25	34	568	6.64	10	0.34	10	0.82	551	< 1	< 0.01
14828	221	—	3.33	0.2	25	80	< 0.5	< 2	1.67	1.0	19	85	134	5.46	20	0.37	20	1.65	1270	< 1	0.10
14829	221	—	2.27	0.2	120	40	< 0.5	< 2	0.90	1.0	12	45	152	4.49	10	0.45	10	0.96	467	3	< 0.01
14830	221	—	1.65	9.6	190	30	< 0.5	< 2	2.03	9.5	23	84	2000	7.79	10	0.29	< 10	0.71	561	< 1	0.03
14831	221	—	3.34	0.2	10	90	< 0.5	< 2	1.89	0.5	15	52	140	5.05	20	0.30	10	1.42	980	< 1	0.20
14832	221	—	1.26	24.6	1005	40	< 0.5	10	3.20	>99.9	17	91	500	3.80	< 10	0.21	< 10	0.70	509	< 1	< 0.01

CERTIFICATION : Hart Bichler

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Chemex Labs Ltd.

Analytical Chemists • Geochemists • Registered Assayers
212 BROOKSBANK AVE., NORTH VANCOUVER,
BRITISH COLUMBIA, CANADA V7J-2C1
PHONE (604) 984-0221

CERTIFICATE OF ANALYSIS A8621671

To: ROSSBACHER LABORATORY LIMITED
2225 SOUTH SPRINGER AVENUE
BURNABY, B.C.
V5B 3N1

Project : V240 RACK T
Comments: ATTN: PETER ROSSBACHER

Page No. :1-B
Tot. Pages: 1
Date :17-DEC-86
Invoice # :I-8621671
P.O. # :NONE

SAMPLE DESCRIPTION	PREP CODE	Ni ppm	P ppm	Pb ppm	Sb ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
14094	221	24	2040	6	< 5	21	0.37	< 10	< 10	207	< 5	90
14095	221	25	2120	6	< 5	15	0.31	< 10	< 10	162	< 5	82
14096	221	13	1560	2	< 5	6	0.22	< 10	< 10	106	< 5	58
14097	221	16	1770	10	< 5	12	0.37	< 10	< 10	170	< 5	86
14098	221	12	1560	6	< 5	9	0.34	< 10	< 10	125	< 5	124
14099	221	7	2780	4	< 5	57	0.41	< 10	< 10	159	< 5	80
14100	221	7	1500	2	< 5	89	0.33	< 10	< 10	118	< 5	72
14805	221	8	1310	38	< 5	19	0.25	< 10	< 10	103	< 5	110
14806	221	8	930	6	< 5	10	0.27	< 10	< 10	124	< 5	68
14807	221	6	390	928	< 5	< 1	0.08	< 10	< 10	34	< 5	3010
14808	221	11	1060	10	< 5	32	0.32	< 10	< 10	157	< 5	112
14809	221	10	900	1365	10	31	0.14	< 10	< 10	92	< 5	778
14810	221	12	950	14	< 5	26	0.36	< 10	< 10	175	< 5	102
14811	221	5	150	364	< 5	< 1	0.03	< 10	< 10	23	< 5	942
14812	221	11	910	16	< 5	30	0.36	< 10	< 10	176	< 5	134
14813	221	10	420	444	< 5	< 1	0.01	< 10	< 10	42	< 5	522
14814	221	24	1170	6	< 5	9	0.30	< 10	< 10	138	< 5	88
14815	221	12	480	76	< 5	18	0.07	< 10	< 10	30	< 5	318
14816	221	31	1660	8	< 5	10	0.19	< 10	< 10	123	< 5	100
14817	221	23	890	260	< 5	< 1	0.13	< 10	< 10	105	< 5	208
14818	221	40	1840	26	< 5	23	0.23	< 10	< 10	159	< 5	128
14819	221	26	1700	4	< 5	45	0.34	< 10	< 10	163	< 5	82
14820	221	14	950	134	< 5	20	0.16	< 10	< 10	84	< 5	514
14821	221	27	2750	18	< 5	7	0.05	< 10	< 10	94	< 5	112
14822	221	25	690	398	10	54	0.10	< 10	< 10	51	< 5	546
14823	221	25	1880	4	< 5	17	0.32	< 10	< 10	170	< 5	102
14824	221	11	730	404	< 5	3	0.06	< 10	< 10	37	< 5	756
14825	221	23	1790	64	< 5	9	0.23	< 10	< 10	154	< 5	190
14826	221	10	1510	46	< 5	11	0.17	< 10	< 10	80	< 5	176
14827	221	15	1360	108	< 5	7	0.16	< 10	< 10	63	< 5	286
14828	221	19	2040	12	< 5	23	0.33	< 10	< 10	167	< 5	114
14829	221	8	1640	36	< 5	16	0.20	< 10	< 10	74	< 5	76
14830	221	15	920	208	< 5	40	0.14	< 10	< 10	60	< 5	242
14831	221	12	2110	6	< 5	36	0.23	< 10	< 10	122	< 5	80
14832	221	9	990	1805	< 5	30	0.05	< 10	< 10	32	< 5	3230

CERTIFICATION : Hart Bichler

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ROSSBACHER LABORATORY LTD.

2225 S. SPRINGER AVENUE
BURNABY, B.C. V5B 3N1
TEL : (604) 299 - 6910

CERTIFICATE OF ANALYSIS

TO : MPH CONSULTING LTD.
301-409 GRANVILLE STREET
VANCOUVER B.C.

PROJECT: V240 TRENCH
TYPE OF ANALYSIS: ASSAY

CERTIFICATE#: 86692.A
INVOICE#: 7274
DATE ENTERED: 86-12-10
FILE NAME: MPH86692.A
PAGE # : 1

PRE FIX	SAMPLE NAME	oz/t Au
	14807	0.106
A	14809	0.039
A	14811	0.042
	14813	0.040
	14815	0.004
A	14817	0.012
	14820	0.005
	14822	0.022
A	14824	0.018
	14826	0.006
	14827	0.012
A	14830	0.014
A	14832	0.232

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CERTIFIED BY : E. Rossbach

ROSSBACHER LABORATORY LTD.
2225 S. SPRINGER AVENUE
BURNABY, B.C. V5B 3N1
TEL : (604) 299 - 6910

CERTIFICATE OF ANALYSIS

TO : MPH CONSULTING LTD.
301-409 GRANVILLE STREET
VANCOUVER B.C.
PROJECT: V240
TYPE OF ANALYSIS: GEOCHEMICAL

CERTIFICATE#: 86698
INVOICE#: 7283
DATE ENTERED: 86-12-11
FILE NAME: MPH86698
PAGE # : 1

PREFIX	SAMPLE NAME		PPB Au
S	L8+00E	1+25S	5
S		1+50S	5
S		1+75S	10
S		2+00S	5
S		2+25S	90
S		2+50S	5
S		2+75S	5
S		3+00S	5
S		3+25S	5
S	L8+00E	3+50S	5
S		3+75S	5
S	L8+00E	4+00S	5
S	L8+00W	4+25N	5
S		4+50N	5
S		4+75N	5
S		5+00N	5
S		5+25N	5
S		5+50N	5
S		5+75N	5
S	L8+00W	6+00N	5
S	L9+00W	4+25N	5
S		4+50N	5
S		4+75N	5
S	L9+00W	5+00N	5
S	L10+00W	3+75N	5
S		4+00N	5
S		4+25N	5
S	L10+00W	4+50N	5
S	L11+00W	3+25N	5
A		14841N	5
A		14842N	5

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CERTIFIED BY : _____

Chemex Labs Ltd.
Analytical Chemists • Geochemists • Registered Assayers
212 BROOKSBANK AVE., NORTH VANCOUVER,
BRITISH COLUMBIA, CANADA V7J-2C1
PHONE (604) 984-0221

CERTIFICATE OF ANALYSIS A8621811

To: ROSSBACHER LABORATORY LIMITED

2225 SOUTH SPRINGER AVENUE
BURNABY, B.C.
V5B 3N1

Project : V240 RACK X
Comments: ATTN: PETER ROSSBACHER

Date : 23-DEC-86
Invoice # : I-8621811
P.O. # : NONE

SAMPLE DESCRIPTION	PREP CODE		Al %	Ag ppm	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %
L08+00E 1+25S	221	—	2.44	0.2	< 5	20	< 0.5	< 2	0.10	< 0.5	7	21	53	3.73	10	0.01	< 10	0.25	156	< 1	< 0.01
L08+00E 1+50S	221	—	1.85	0.2	5	20	< 0.5	< 2	0.11	< 0.5	3	26	36	4.55	10	0.01	< 10	0.20	185	< 1	< 0.01
L08+00E 1+75S	221	—	1.32	0.2	10	30	< 0.5	< 2	0.11	< 0.5	4	17	25	3.57	10	0.01	< 10	0.24	231	< 1	< 0.01
L08+00E 2+00S	221	—	1.98	0.2	5	50	< 0.5	< 2	0.19	< 0.5	5	17	29	3.48	10	0.02	< 10	0.28	591	< 1	< 0.01
L08+00E 2+25S	221	—	3.75	0.2	10	40	< 0.5	< 2	0.13	< 0.5	21	26	76	4.57	10	0.02	< 10	0.65	931	< 1	< 0.01
L08+00E 2+50S	221	—	1.08	0.2	< 5	60	< 0.5	< 2	0.16	< 0.5	5	11	11	1.94	10	0.02	< 10	0.29	370	< 1	< 0.01
L08+00E 2+75S	221	—	0.89	0.2	5	20	< 0.5	< 2	0.15	< 0.5	2	9	9	1.46	10	0.01	< 10	0.23	173	< 1	< 0.01
L08+00E 3+00S	221	—	2.43	0.2	15	50	< 0.5	< 2	0.20	< 0.5	14	18	45	3.28	10	0.02	< 10	0.41	829	< 1	< 0.01
L08+00E 3+25S	221	—	3.04	0.2	10	60	< 0.5	< 2	0.38	< 0.5	20	23	57	3.80	10	0.03	10	0.71	534	< 1	< 0.01
L08+00E 3+50S	221	—	1.60	0.2	5	60	< 0.5	< 2	0.21	< 0.5	12	15	28	3.55	10	0.02	< 10	0.16	773	< 1	< 0.01
L08+00E 3+75S	221	—	1.64	0.2	5	70	< 0.5	< 2	0.28	< 0.5	23	15	27	2.91	10	0.02	< 10	0.17	2040	< 1	< 0.01
L08+00E 4+00S	221	—	2.20	0.2	< 5	40	< 0.5	< 2	0.19	< 0.5	10	13	23	2.81	10	0.01	< 10	0.14	684	< 1	< 0.01
L08+00W 4+25N	221	—	3.64	0.2	10	220	< 0.5	< 2	0.55	< 0.5	23	49	96	4.78	10	0.05	20	0.81	1755	< 1	0.01
L08+00W 4+50N	221	—	4.06	0.2	10	220	< 0.5	< 2	0.46	0.5	26	51	105	4.88	10	0.05	30	0.74	2990	< 1	0.01
L08+00W 4+75N	221	—	2.88	0.2	5	120	< 0.5	< 2	0.37	< 0.5	12	40	66	5.02	10	0.02	10	0.62	347	< 1	< 0.01
L08+00W 5+00N	221	—	3.41	0.2	5	80	< 0.5	< 2	0.21	< 0.5	13	37	81	5.13	10	0.01	10	0.63	362	< 1	< 0.01
L08+00W 5+25N	221	—	1.55	0.2	< 5	80	< 0.5	< 2	0.25	< 0.5	7	21	34	2.79	10	0.02	10	0.29	341	< 1	< 0.01
L08+00W 5+50N	221	—	4.75	0.2	20	80	< 0.5	< 2	0.22	< 0.5	18	38	90	4.84	10	0.03	10	0.69	567	< 1	< 0.01
L08+00W 5+75N	221	—	3.28	0.2	< 5	150	< 0.5	< 2	0.23	0.5	17	40	97	4.33	10	0.07	10	1.08	638	< 1	< 0.01
L08+00W 6+00N	221	—	7.07	0.4	15	300	< 0.5	< 2	0.41	< 0.5	30	63	141	5.94	10	0.10	10	0.65	1470	< 1	0.01
L09+00W 4+25N	221	—	3.13	0.4	15	180	< 0.5	< 2	0.50	< 0.5	22	47	97	4.61	10	0.05	20	0.76	1630	< 1	0.01
L09+00W 4+50N	221	—	2.79	0.2	5	200	< 0.5	< 2	0.97	< 0.5	19	39	91	3.72	< 10	0.03	20	0.59	2180	< 1	< 0.01
L09+00W 4+75N	221	—	1.48	0.2	5	50	< 0.5	< 2	0.14	< 0.5	5	18	21	3.21	10	0.01	< 10	0.32	221	< 1	< 0.01
L09+00W 5+00N	221	—	3.33	0.6	< 5	190	< 0.5	< 2	0.68	< 0.5	42	41	97	3.77	10	0.05	30	0.56	4570	< 1	0.01
L10+00W 3+75N	221	—	3.85	0.2	5	100	< 0.5	< 2	0.16	< 0.5	10	40	64	5.25	10	0.03	10	0.58	315	< 1	< 0.01
L10+00W 4+00N	221	—	3.26	0.2	5	160	< 0.5	< 2	0.22	< 0.5	15	40	93	4.55	10	0.04	10	0.83	445	< 1	< 0.01
L10+00W 4+25N	221	—	2.23	0.2	5	140	< 0.5	< 2	0.41	< 0.5	24	23	66	2.97	10	0.03	20	0.33	7020	< 1	< 0.01
L10+00W 4+50N	221	—	0.89	0.2	< 5	40	< 0.5	< 2	0.17	< 0.5	3	14	11	2.25	10	0.01	< 10	0.18	244	< 1	< 0.01
L11+00W 3+25N	221	—	2.86	0.6	5	120	< 0.5	< 2	0.17	< 0.5	54	31	76	3.43	10	0.04	10	0.69	3100	< 1	< 0.01
14841	221	—	1.97	0.6	5	80	< 0.5	< 2	4.94	0.5	11	32	167	5.46	< 10	0.60	< 10	0.66	674	< 1	< 0.01
14842	221	—	1.77	0.2	< 5	50	< 0.5	< 2	0.28	< 0.5	15	45	98	4.85	10	0.15	< 10	1.00	530	< 1	0.02

CERTIFICATION : Hart Bichler

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PHONE (604) 984-0221

CERTIFICATE OF ANALYSIS A8621811

To : ROSSBACHER LABORATORY LIMITED

2225 SOUTH SPRINGER AVENUE
BURNABY, B.C.
V5B 3N1

Project : V240 RACK X
Comments: ATTN: PETER ROSSBACHER

Page No. : 1-B
Tot. Pages: 1
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P.O. # : NONE

SAMPLE DESCRIPTION	PREP CODE	Ni ppm	P ppm	Pb ppm	Sb ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
L08+00E 1+25S	221 —	10	490	4	< 5	5	0.16	< 10	< 10	95	< 5	56
L08+00E 1+50S	221 —	4	420	8	< 5	3	0.19	< 10	< 10	107	< 5	42
L08+00E 1+75S	221 —	6	610	10	< 5	33	0.19	< 10	< 10	107	< 5	48
L08+00E 2+00S	221 —	7	660	14	< 5	8	0.19	< 10	< 10	102	< 5	58
L08+00E 2+25S	221 —	15	550	10	< 5	6	0.19	< 10	< 10	108	< 5	72
L08+00E 2+50S	221 —	4	250	4	< 5	7	0.14	< 10	< 10	67	< 5	30
L08+00E 2+75S	221 —	3	170	6	< 5	6	0.14	< 10	< 10	49	< 5	26
L08+00E 3+00S	221 —	10	650	12	< 5	8	0.17	< 10	< 10	88	< 5	68
L08+00E 3+25S	221 —	22	510	4	< 5	11	0.18	< 10	< 10	90	< 5	84
L08+00E 3+50S	221 —	6	450	16	< 5	8	0.17	< 10	< 10	89	< 5	70
L08+00E 3+75S	221 —	7	660	10	< 5	10	0.18	< 10	< 10	68	< 5	66
L08+00E 4+00S	221 —	4	1410	10	< 5	6	0.17	< 10	< 10	68	< 5	44
L08+00W 4+25N	221 —	37	560	10	< 5	23	0.15	< 10	< 10	104	< 5	110
L08+00W 4+50N	221 —	36	480	8	< 5	22	0.14	< 10	< 10	101	< 5	104
L08+00W 4+75N	221 —	20	310	4	< 5	16	0.18	< 10	< 10	117	< 5	78
L08+00W 5+00N	221 —	20	590	8	< 5	11	0.23	< 10	< 10	102	< 5	100
L08+00W 5+25N	221 —	10	270	2	< 5	15	0.12	< 10	< 10	79	< 5	50
L08+00W 5+50N	221 —	23	2100	< 2	< 5	11	0.16	< 10	< 10	93	< 5	96
L08+00W 5+75N	221 —	27	640	4	< 5	19	0.18	< 10	< 10	86	< 5	78
L08+00W 6+00N	221 —	56	910	6	< 5	35	0.16	< 10	< 10	117	< 5	120
L09+00W 4+25N	221 —	32	610	6	< 5	24	0.14	< 10	< 10	103	< 5	92
L09+00W 4+50N	221 —	24	870	6	< 5	31	0.10	< 10	< 10	86	< 5	112
L09+00W 4+75N	221 —	8	450	6	< 5	9	0.18	< 10	< 10	89	< 5	52
L09+00W 5+00N	221 —	32	620	10	< 5	30	0.14	< 10	< 10	95	< 5	88
L10+00W 3+75N	221 —	21	820	6	< 5	14	0.23	< 10	< 10	105	< 5	104
L10+00W 4+00N	221 —	27	350	2	< 5	19	0.20	< 10	< 10	104	< 5	78
L10+00W 4+25N	221 —	14	640	10	< 5	21	0.11	< 10	< 10	62	< 5	108
L10+00W 4+50N	221 —	6	260	6	< 5	14	0.12	< 10	< 10	69	< 5	38
L11+00W 3+25N	221 —	27	520	6	< 5	14	0.13	< 10	< 10	77	< 5	96
14841	221 —	11	7140	12	< 5	55	< 0.01	< 10	< 10	32	< 5	72
14842	221 —	16	370	2	< 5	5	0.16	< 10	< 10	87	< 5	82

CERTIFICATION : Hart Bichler

ROSSBACHER LABORATORY LTD.

2225 S. SPRINGER AVENUE
BURNABY, B.C. V5B 3N1
TEL : (604) 299 - 6910

CERTIFICATE OF ANALYSIS

TO : MPH CONSULTING LTD.
301-409 GRANVILLE STREET
VANCOUVER B.C.
PROJECT: V240A
TYPE OF ANALYSIS: GEOCHEMICAL

CERTIFICATE#: 86718
INVOICE#: 7304
DATE ENTERED: 86-12-17
FILE NAME: MPH86718
PAGE # : 1

PREFIX	SAMPLE NAME	PPB Au
A	14846	180
S	125S 1025E	5
S	125S 1050E	40
S	125S 1075E	5
S	125S 1100E	5
S	L1000E 125S"a"	20
S	L1000E 300S"a"	840
S	L1000E 300S"b"	50
S	L1100E 150S"a"	20
S	L1100E 250S"a"	70
S	L1100E 350S"a"	5
S	D8-2	40
S	D8-3	10
S	D8-4	20
S	D8-5	10
S	D8-6	10

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CERTIFIED BY : J. Rossbach

Chemex Labs Ltd.
Analytical Chemists • Geochemists • Registered Assayers
212 BROOKSBANK AVE., NORTH VANCOUVER,
BRITISH COLUMBIA, CANADA V7J-2C1
PHONE (604) 984-0221

CERTIFICATE OF ANALYSIS A8622243

To : ROSSBACHER LABORATORY LIMITED

2225 SOUTH SPRINGER AVENUE
BURNABY, B.C.
V5B 3N1

Page No. : 1-A
Tot. Pages: 1
Date : 7-JAN-87
Invoice # : I-8622243
P.O. # : NONE

Project : V240A RACK G
Comments: ATTN: P. ROSSBACHER

SAMPLE DESCRIPTION	PREP CODE		Al %	Ag ppm	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %
14846	221	238	3.01	0.4	5	10	< 0.5	< 2	0.97	< 0.5	36	16	373	8.11	10	0.04	< 10	1.45	753	< 1	0.04
125S-1025E	221	238	2.05	< 0.2	5	40	< 0.5	< 2	0.15	< 0.5	7	18	35	3.42	< 10	0.02	< 10	0.42	386	< 1	< 0.01
125S-1050E	221	238	1.15	< 0.2	5	30	< 0.5	< 2	0.11	< 0.5	2	12	15	3.52	< 10	0.02	< 10	0.27	157	< 1	< 0.01
125S-1075E	221	238	1.09	< 0.2	5	20	< 0.5	< 2	0.16	< 0.5	2	10	14	1.78	< 10	0.02	< 10	0.18	121	< 1	< 0.01
125S-1100E	221	238	2.85	0.4	10	20	< 0.5	< 2	0.18	< 0.5	4	23	51	5.88	< 10	0.02	< 10	0.23	292	< 1	< 0.01
L1000E-125S A	221	238	1.90	< 0.2	10	50	< 0.5	< 2	0.28	< 0.5	9	24	38	3.74	< 10	0.03	< 10	0.34	211	< 1	0.01
L1000E-300S A	221	238	0.66	0.2	< 5	10	< 0.5	< 2	0.17	< 0.5	4	4	20	3.25	< 10	0.01	< 10	0.11	226	< 1	0.01
L1000E-300S	221	238	1.53	< 0.2	5	10	< 0.5	< 2	0.13	< 0.5	2	13	32	3.68	< 10	0.01	< 10	0.15	151	< 1	< 0.01
L1100E-150S A	221	238	1.35	< 0.2	5	10	< 0.5	< 2	0.19	< 0.5	3	15	59	5.08	< 10	0.03	< 10	0.19	145	< 1	0.01
L1100E-250S A	221	238	0.88	< 0.2	10	20	< 0.5	< 2	0.14	< 0.5	2	10	5	2.42	< 10	0.02	< 10	0.16	147	< 1	< 0.01
L1100E-350S A	221	238	0.09	< 0.2	< 5	40	< 0.5	< 2	0.30	< 0.5	< 1	2	2	0.13	< 10	0.02	< 10	0.05	121	< 1	< 0.01
D8-2	221	238	1.52	< 0.2	10	20	< 0.5	< 2	0.18	< 0.5	6	12	44	4.94	10	0.01	< 10	0.23	249	< 1	< 0.01
D8-3	221	238	2.41	< 0.2	5	30	< 0.5	< 2	0.13	< 0.5	6	24	40	4.44	< 10	0.01	< 10	0.32	537	< 1	< 0.01
D8-4	221	238	2.81	< 0.2	15	20	< 0.5	< 2	0.20	< 0.5	7	22	137	4.88	< 10	0.02	< 10	0.39	291	< 1	0.01
D8-5	221	238	1.71	< 0.2	5	30	< 0.5	< 2	0.17	< 0.5	4	20	32	3.59	< 10	0.02	< 10	0.28	189	< 1	< 0.01
D8-6	221	238	0.88	< 0.2	5	10	< 0.5	< 2	0.17	< 0.5	2	11	5	2.32	< 10	0.01	< 10	0.11	128	< 1	< 0.01

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CERTIFICATION : B. Caye

Chemex Labs Ltd.
Analytical Chemists * Geochemists * Registered Assayers
212 BROOKSBANK AVE., NORTH VANCOUVER
BRITISH COLUMBIA, CANADA V7J-2C1
PHONE (604) 984-0221

CERTIFICATE OF ANALYSIS A8622243

To : ROSSBACHER LABORATORY LIMITED

2225 SOUTH SPRINGER AVENUE
BURNABY, B.C.
V5B 3N1

Page No. : 1-B
Tot. Pages: 1
Date : 7-JAN-87
Invoice # : I-8622243
P.O. # : NONE

Project : V240A RACK G
Comments: ATTN: P. ROSSBACHER

SAMPLE DESCRIPTION	PREP CODE		Ni ppm	P ppm	Pb ppm	Sb ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
14846	221	238	8	930	< 2	< 5	2	0.23	< 10	< 10	204	< 5	114
125S-1025E	221	238	9	630	12	< 5	6	0.19	< 10	< 10	96	< 5	76
125S-1050E	221	238	4	370	2	< 5	5	0.26	< 10	< 10	137	< 5	40
125S-1075E	221	238	5	330	2	< 5	5	0.19	< 10	< 10	68	< 5	32
125S-1100E	221	238	7	1260	8	< 5	7	0.21	< 10	< 10	195	< 5	46
L1000E-125S A	221	238	11	250	4	< 5	11	0.30	< 10	< 10	213	< 5	62
L1000E-300S A	221	238	3	340	4	< 5	2	0.17	< 10	< 10	139	< 5	34
L1000E-300S	221	238	5	440	2	< 5	6	0.22	< 10	< 10	127	< 5	28
L1100E-150S A	221	238	5	840	6	< 5	7	0.26	< 10	< 10	130	< 5	44
L1100E-250S A	221	238	5	350	4	< 5	7	0.28	< 10	< 10	146	< 5	34
L1100E-350S A	221	238	2	260	< 2	< 5	8	< 0.01	< 10	< 10	4	< 5	28
D8-2	221	238	7	550	6	< 5	9	0.23	< 10	< 10	245	< 5	50
D8-3	221	238	9	750	6	< 5	8	0.17	< 10	< 10	132	< 5	40
D8-4	221	238	10	970	6	< 5	9	0.21	< 10	< 10	93	< 5	60
D8-5	221	238	8	360	4	< 5	9	0.20	< 10	< 10	113	< 5	36
D8-6	221	238	5	220	4	< 5	10	0.22	< 10	< 10	105	< 5	24

CERTIFICATION : B. Caufield

I :OSSBACHER LABORATORY LTD.
2225 S. SPRINGER AVENUE
BURNABY, B.C. V5B 3N1
TEL : (604) 299 - 6910

CERTIFICATE OF ANALYSIS

'.J : MPH CONSULTING LTD.
301-409 GRANVILLE STREET
VANCOUVER B.C.
I ROJECT: AS MARKED
TYPE OF ANALYSIS: GEOCHEMICAL

CERTIFICATE#: AuCHECK
INVOICE#: 7367
DATE ENTERED: 87-01-06
FILE NAME: MPH86724.CH
PAGE # : 1

I RE FIX	SAMPLE NAME	ORIGINAL PPB Au	CHECK Au PPB	PRO- JECT
3	125S - 1050E	40	20	V 240 A
3	1000E- 300S -a	840	1440	
S	1000E- 300S -b	50	30	
3	1100E- 250S -a	70	90	
3	D8 -2	40	80	

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CERTIFIED BY : J. Rossbach

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CERTIFICATE OF ANALYSIS

O : MPH CONSULTING LTD.
301-409 GRANVILLE STREET
VANCOUVER B.C.
ROJECT: V240
YPE OF ANALYSIS: GEOCHEMICAL

CERTIFICATE#: 86719
INVOICE#: 7305
DATE ENTERED: 86-12-17
FILE NAME: MPH86719
PAGE # : 1

RE IX	SAMPLE NAME	PPB Au
A	15004	5
A	15005	5
A	15006	5
A	15007	5
A	15008	5
A	15009	5

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CERTIFIED BY : F. Rossbach

Chemex Labs Ltd.
Analytical Chemists * Geochemists * Registered Assayers
212 BROOKSBANK AVE., NORTH VANCOUVER,
BRITISH COLUMBIA, CANADA V7J-2C1
PHONE (604) 984-0221

CERTIFICATE OF ANALYSIS A8622244

To: ROSSBACHER LABORATORY LIMITED

2225 SOUTH SPRINGER AVENUE
BURNABY, B.C.
V5B 3N1

Page No. : 1-A
Tot. Pages: 1
Date : 7-JAN-87
Invoice # : I-8622244
P.O. # : NONE

Project : V240 RACK H
Comments: ATTN: P. ROSSBACHER

SAMPLE DESCRIPTION	PREP CODE		Al %	Ag ppm	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %
15004	221	238	1.85	< 0.2	< 5	30	< 0.5	< 2	0.83	< 0.5	35	28	662	5.61	< 10	0.07	< 10	0.70	291	< 1	0.11
15005	221	238	3.01	0.4	25	< 10	< 0.5	< 2	3.94	0.5	9	62	51	3.76	10	0.01	< 10	0.64	451	< 1	< 0.01
15006	221	238	1.92	0.2	5	10	< 0.5	< 2	3.75	< 0.5	15	108	106	3.38	10	0.02	< 10	0.24	329	< 1	< 0.01
15007	221	238	1.01	< 0.2	< 5	10	< 0.5	< 2	0.31	< 0.5	12	107	55	2.64	< 10	0.08	< 10	0.65	239	1	0.03
15008	221	238	2.18	0.2	10	30	< 0.5	< 2	0.59	< 0.5	25	41	197	9.07	< 10	0.15	< 10	0.88	562	< 1	0.04
15009	221	238	1.46	< 0.2	5	< 10	< 0.5	< 2	1.74	< 0.5	5	155	123	2.56	< 10	< 0.01	< 10	0.23	227	21	< 0.01

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CERTIFICATION : B. Cayl

Chemex Labs Ltd.
Analytical Chemists * Geochemists * Registered Assayers
212 BROOKSBANK AVE., NORTH VANCOUVER,
BRITISH COLUMBIA, CANADA V7J-2C1
PHONE (604) 984-0221

CERTIFICATE OF ANALYSIS A8622244

To : ROSSBACHER LABORATORY LIMITED

2225 SOUTH SPRINGER AVENUE
BURNABY, B.C.
V5B 3N1

Project : V240 RACK H
Comments: ATTN: P. ROSSBACHER

Page No. : 1-B
Tot. Pages: 1
Date : 7-JAN-87
Invoice # : I-8622244
P.O. # : NONE

SAMPLE DESCRIPTION	PREP CODE		Ni ppm	P ppm	Pb ppm	Sb ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
15004	221	238	21	760	< 2	< 5	23	0.17	< 10	< 10	138	< 5	40
15005	221	238	5	240	14	< 5	< 1	0.12	< 10	< 10	67	< 5	66
15006	221	238	15	6780	4	< 5	< 1	0.07	< 10	< 10	49	< 5	18
15007	221	238	20	210	< 2	< 5	6	0.07	< 10	< 10	59	< 5	20
15008	221	238	13	570	6	< 5	18	0.19	< 10	< 10	110	< 5	28
15009	221	238	10	430	2	< 5	< 1	0.07	< 10	< 10	38	< 5	8

CERTIFICATION : B. Cayl

F.OSSBACHER LABORATORY LTD.

2225 S. SPRINGER AVENUE
BURNABY, B.C. V5B 3N1
TEL : (604) 299 - 6910

CERTIFICATE OF ANALYSIS

TO : MPH CONSULTING LTD.
301-409 GRANVILLE STREET
VANCOUVER B.C.

PROJECT: V240 III
TYPE OF ANALYSIS: GEOCHEMICAL

CERTIFICATE#: 87012
INVOICE#: 7392
DATE ENTERED: 87-01-23
FILE NAME: MPH87012
PAGE # : 1

F.E FIX	SAMPLE NAME	PPB Au
	4186	5
A	4187	5
A	4188	5
	4189	5
	4190	5
A	4191	5
	4192	5
	4193	5
A	4194	5
	4195	5
	4196	5
A	4197	5
A	4198	5
	4199	5
	4200	5
A	15051	5
	15052	5
	15053	5
A	15054	5
	15055	5
	15056	5
	15057	5
A	15058	5
	15059	5
	15060	5
A	15101	5
	15102	5
	15103	5
A	15104	10
A	15105	5
	15106	5
	15107	5
A	15108	5
	15109	5
	15110	5
A	15111	5
	15112	5
	15113	5
A	15114	5
A	15115	5

RECEIVED JAN 2 3 1987

CERTIFIED BY : F. Rossbach

ROSSBACHER LABORATORY LTD.

2225 S. SPRINGER AVENUE
BURNABY, B.C. V5B 3N1
TEL : (604) 299 - 6910

CERTIFICATE OF ANALYSIS

T : MPH CONSULTING LTD.
301-409 GRANVILLE STREET
VANCOUVER B.C.
PROJECT: V240 III
PE OF ANALYSIS: GEOCHEMICAL

CERTIFICATE#: 87012
INVOICE#: 7392
DATE ENTERED: 87-01-23
FILE NAME: MPH87012
PAGE # : 2

PRE F X	SAMPLE NAME	PPB Au
A	15116	5
A	15117	5
	15118	50
A	15119	5
A	15120	5
	15121	340
	15122	5
A	15123	5
	15124	5
	15125	5
A	15126	5
A	15127	5
	15128	5
A	15129	5
A	15130	5
	15131	5
	15132	360
A	15133	5
A	15134	20
	15135	5
A	15136	5
A	15137	5
	15138	5
	15139	5
A	15140	5
	15141	5
	15142	5
A	15143	5
	15144	5
	15145	5
A	15146	5
A	15147	30
	15148	5
	15149	5
A	15150	260

CERTIFIED BY : F. Rossbach

ACME ANALYTICAL LABORATORIES LTD. 852 E.HASTINGS ST.VANCOUVER B.C. V6A 1R6 PHONE 253-3158 DATA LINE 251-1011

GEOCHEMICAL ICP ANALYSIS

.500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER.
THIS LEACH IS PARTIAL FOR MN.FE.CA.P.CR.MG.BA.TI.B.AL.NA.K.W.SI.ZR.CE.SN.Y.NB AND TA. AU DETECTION LIMIT BY ICP IS 3 PPM.
- SAMPLE TYPE: SOLUTION

DATE RECEIVED: JAN 23 1987 DATE REPORT MAILED: Jan 26/87 ASSAYER. D. Toye ..DEAN TOYE. CERTIFIED B.C. ASSAYER.

ROSSBACHER LABORATORY LTD PROJECT - 87012 FILE # 87-0137

SAMPLE#	Mo PPM	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Ni PPM	Co PPM	Mn PPM	Fe %	As PPM	U PPM	Au PPM	Th 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
4186	1	87	10	77	.1	18	16	800	3.90	4	5	ND	3	35	1	2	2	109	1.53	.173	8	61	1.22	282	.17	13	2.03	.10	.98	1
4187	1	50	11	85	.1	23	15	1058	4.48	6	5	ND	2	33	1	2	2	136	3.68	.123	5	69	1.50	52	.18	37	2.39	.04	.19	1
4188	1	107	8	64	.1	29	15	720	3.30	3	5	ND	2	35	1	2	2	98	2.37	.171	6	45	1.03	86	.13	70	1.79	.08	.26	1
4189	1	72	9	72	.1	20	14	727	3.58	2	5	ND	3	53	1	2	2	95	2.24	.141	7	58	1.13	177	.17	6	2.35	.15	.54	1
4190	1	57	6	74	.1	22	17	1086	4.07	18	5	ND	2	29	1	2	2	130	3.84	.104	5	47	1.44	29	.13	7	2.07	.04	.07	1
4191	1	122	7	89	.1	20	17	1088	4.96	5	5	ND	3	40	1	2	2	154	2.33	.141	6	43	1.78	94	.21	8	2.70	.08	.30	1
4192	1	71	8	72	.2	30	16	974	4.45	19	6	ND	3	50	1	2	2	109	5.28	.131	5	56	1.54	29	.14	20	2.52	.03	.14	1
4193	1	97	11	93	.1	20	17	992	4.85	4	5	ND	3	52	1	2	2	137	2.50	.113	7	41	1.59	37	.22	9	2.78	.13	.14	1
4194	1	57	8	94	.1	26	17	1091	5.28	8	5	ND	2	30	1	3	2	155	3.59	.119	7	48	1.74	44	.23	308	3.11	.05	.13	1
4195	1	72	6	93	.2	25	17	1065	4.96	9	5	ND	2	43	1	2	2	148	2.79	.117	7	78	1.61	59	.22	8	2.57	.11	.19	1
4196	1	60	5	74	.2	34	16	845	3.32	13	5	ND	3	43	1	2	2	110	4.67	.134	6	77	1.11	89	.16	9	1.90	.10	.31	1
4197	1	94	9	86	.1	20	15	919	4.26	4	5	ND	2	46	1	2	2	133	2.27	.185	7	61	1.38	108	.19	44	2.51	.17	.62	1
4198	1	123	6	89	.2	10	15	968	5.34	4	5	ND	2	65	1	2	2	132	3.50	.067	7	22	1.60	76	.11	20	2.46	.04	.25	1
4199	1	34	6	53	.1	8	10	736	2.93	7	8	ND	3	111	1	2	2	52	7.04	.037	7	11	.72	43	.05	22	1.57	.01	.25	1
4200	1	96	7	80	.1	11	15	741	4.61	7	5	ND	2	52	1	2	2	109	2.92	.107	6	19	1.26	98	.14	17	2.17	.05	.20	1
15051	1	126	13	62	.1	23	18	765	3.90	3	5	ND	1	27	1	2	2	94	1.92	.203	6	48	1.00	65	.16	191	1.66	.09	.32	1
15052	1	130	7	79	.2	23	19	646	3.86	4	5	ND	2	58	1	2	3	109	2.90	.139	6	46	1.05	161	.21	9	2.75	.31	.53	1
15053	1	148	10	106	.2	11	10	550	4.51	5	5	ND	2	53	1	2	2	121	2.21	.287	9	24	1.06	391	.10	7	2.16	.18	.53	1
15054	1	133	6	76	.2	13	16	562	4.95	4	5	ND	2	144	1	2	2	152	3.43	.088	6	27	1.47	494	.26	4	5.01	.54	1.49	1
15055	1	137	2	84	.3	6	16	789	4.56	3	6	ND	2	35	1	2	2	123	1.31	.158	10	17	1.27	237	.24	7	2.43	.20	.96	1
15056	1	132	4	43	.1	11	14	510	2.69	2	5	ND	1	30	1	2	2	64	1.77	.162	6	25	.64	21	.14	8	1.30	.10	.10	1
15057	1	106	2	36	.1	11	13	435	2.11	2	5	ND	1	23	1	2	2	52	1.80	.176	6	28	.47	18	.11	8	1.12	.11	.08	1
15058	1	74	10	49	.1	9	13	442	3.08	2	5	ND	2	56	1	2	2	80	2.63	.067	5	22	.95	20	.17	148	2.26	.16	.07	1
15059	1	64	4	51	.3	11	11	613	3.22	11	7	ND	3	69	1	2	2	81	5.43	.062	5	25	.99	25	.15	6	2.55	.14	.17	1
15060	1	104	3	40	.1	12	16	477	4.68	2	5	ND	3	52	1	2	2	105	2.66	.066	8	28	1.21	11	.11	9	3.44	.26	.08	1
15101	1	69	8	65	.3	8	12	893	4.22	8	7	ND	4	117	1	2	2	84	8.68	.080	8	14	1.11	20	.17	14	2.06	.03	.20	2
15102	1	95	8	76	.1	13	15	812	4.98	6	5	ND	2	37	1	2	2	114	3.26	.083	8	17	1.40	58	.20	12	2.25	.04	.18	1
15103	1	89	5	98	.1	11	16	848	5.03	2	5	ND	2	25	1	2	2	135	1.13	.079	8	22	1.53	51	.22	9	2.27	.05	.14	1
15104	1	110	4	78	.4	10	14	782	4.88	2	5	ND	2	52	1	2	2	108	2.79	.085	7	17	1.46	61	.25	4	2.35	.04	.23	1
15105	1	94	2	67	.2	10	15	754	4.77	4	5	ND	2	19	1	2	3	120	1.71	.088	7	17	1.44	59	.21	6	2.16	.05	.11	1
STD C	20	63	35	138	7.1	69	31	1044	3.97	35	18	7	35	51	17	16	21	66	.45	.102	37	60	.88	183	.09	35	1.71	.07	.17	13

SAMPLE#	Mo PPM	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Ni PPM	Co PPM	Mn PPM	Fe %	As PPM	U PPM	Au PPM	Th 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
15106	1	67	5	84	.1	9	13	841	4.58	3	5	ND	2	19	1	4	2	130	1.79	.082	3	23	1.55	18	.20	6	2.41	.06	.05	1
15107	1	92	6	41	.2	5	12	387	3.68	2	5	ND	1	74	1	2	2	76	3.39	.039	3	18	.86	60	.14	2	2.52	.21	.14	1
15108	1	79	7	48	.2	5	11	335	4.10	2	5	ND	2	42	1	2	2	89	3.94	.029	2	17	.96	19	.13	10	2.64	.08	.08	1
15109	1	73	5	53	.1	8	12	498	3.71	2	5	ND	1	65	1	2	2	101	1.87	.038	3	28	1.08	59	.16	8	2.64	.28	.14	1
15110	1	79	3	71	.1	6	11	447	3.42	3	5	ND	1	85	1	2	2	70	2.91	.056	4	23	1.06	50	.13	2	3.02	.33	.18	1
15111	1	90	11	83	.6	30	15	842	5.05	7	5	ND	3	32	1	3	2	109	4.15	.136	5	71	1.80	54	.16	7	2.36	.03	.19	1
15112	1	115	16	80	.2	11	15	564	4.33	2	5	ND	2	96	1	2	2	110	3.25	.127	8	25	1.18	94	.18	120	3.82	.40	.20	1
15113	1	107	3	97	.1	13	16	658	4.97	4	5	ND	2	50	1	2	2	141	2.28	.088	6	28	1.47	133	.18	18	3.22	.20	.26	1
15114	1	115	5	82	.3	9	17	638	4.54	3	5	ND	2	75	1	3	2	137	2.57	.122	7	25	1.34	286	.23	4	3.69	.37	.62	1
15115	1	152	12	88	.3	9	15	791	4.97	8	5	ND	3	35	1	2	2	118	3.94	.147	10	14	1.34	198	.28	4	2.46	.10	.58	1
15116	1	90	12	85	.2	7	15	931	5.39	3	5	ND	3	29	1	2	2	130	2.27	.177	13	15	1.70	82	.22	9	2.65	.09	.26	1
15117	5	173	10	95	.3	6	18	812	5.18	2	5	ND	2	53	1	2	2	128	2.20	.163	9	17	1.39	171	.25	5	3.12	.29	.57	1
15118	1	310	11	69	1.0	6	27	576	7.16	53	5	ND	1	44	1	2	8	72	2.70	.101	5	21	.97	90	.17	3	1.80	.12	.35	1
15119	1	144	2	90	.2	9	15	828	5.01	2	5	ND	2	43	1	2	2	131	1.51	.158	10	17	1.44	211	.22	10	2.77	.22	.72	1
15120	1	116	9	68	.2	10	13	619	4.56	2	5	ND	3	38	1	2	2	128	3.60	.191	11	21	1.43	80	.18	9	3.20	.17	.21	1
15121	1	101	10	56	.1	11	16	542	3.29	2	5	ND	1	50	1	2	2	80	2.37	.128	5	26	.76	69	.15	181	2.01	.21	.24	1
15122	1	147	4	45	.2	12	16	508	2.56	3	5	ND	1	33	1	2	2	53	2.88	.209	6	23	.51	17	.08	9	1.32	.11	.08	1
15123	1	71	4	69	.1	16	11	1066	3.77	3	5	ND	1	10	1	4	2	107	.50	.033	2	35	1.37	39	.17	6	1.64	.06	.05	1
15124	1	55	6	53	.1	10	10	887	2.89	3	6	ND	2	143	1	2	2	76	5.13	.034	3	21	1.07	23	.12	7	3.72	.09	.12	1
15125	1	30	9	77	.1	18	10	1073	3.53	6	5	ND	1	20	1	3	2	76	1.20	.036	2	36	1.46	38	.12	4	1.80	.04	.10	1
15126	1	75	7	62	.1	11	10	926	3.34	4	6	ND	1	21	1	2	2	78	1.60	.041	4	51	1.10	33	.10	9	1.58	.04	.15	1
15127	1	40	9	69	.1	18	13	986	3.52	10	5	ND	1	18	1	2	2	90	1.13	.060	4	45	1.43	76	.17	6	1.96	.04	.13	1
15128	1	107	6	30	.1	13	15	481	3.08	3	5	ND	1	36	1	2	2	52	2.53	.099	4	47	.62	54	.14	8	1.75	.09	.08	1
15129	1	60	7	80	.1	12	12	904	4.34	3	5	ND	2	23	1	3	2	112	3.63	.063	3	29	1.52	44	.19	9	2.73	.04	.12	1
15130	1	63	5	68	.1	11	11	703	3.79	2	5	ND	1	40	1	2	2	108	1.14	.054	3	36	1.31	104	.14	3	2.35	.17	.09	1
15131	1	50	13	82	.1	9	12	976	5.12	2	6	ND	2	13	1	3	2	121	1.29	.063	2	29	1.96	23	.20	2	2.63	.04	.06	1
15132	1	98	7	66	.1	13	16	686	5.15	7	5	ND	1	21	1	3	2	133	1.57	.070	5	39	1.65	39	.17	3	2.45	.08	.10	1
15133	1	121	13	58	.1	8	18	598	4.92	7	6	ND	1	42	1	3	2	125	1.81	.088	5	27	1.46	62	.13	7	2.88	.14	.14	1
15134	1	208	6	150	.3	10	19	459	3.70	2	5	ND	2	45	1	2	2	63	2.42	.147	4	33	.59	25	.10	2	1.85	.17	.16	1
15135	1	73	6	72	.1	8	16	793	5.09	2	6	ND	2	99	1	2	2	127	2.37	.143	6	12	1.69	70	.15	30	3.78	.32	.15	1
STD C	20	62	35	138	7.1	66	30	1046	3.97	38	15	7	35	51	17	15	20	67	.48	.107	37	62	.88	181	.10	37	1.71	.07	.16	12

SAMPLE#	Mo PPM	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Ni PPM	Co PPM	Mn PPM	Fe %	As PPM	U PPM	Au PPM	Th 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
15136	1	40	2	45	.1	1	10	434	2.97	2	5	ND	4	38	1	2	3	68	10.10	.051	4	23	.62	4	.10	8033	3.88	.03	.02	1
15137	1	110	2	55	.1	11	15	498	3.91	2	5	ND	2	79	1	2	2	95	3.01	.101	6	21	1.07	105	.15	16	3.09	.26	.15	1
15138	1	85	6	66	.1	12	13	667	3.66	12	5	ND	3	68	1	2	2	83	4.15	.061	6	16	1.07	28	.10	21	2.00	.02	.19	1
15139	1	88	4	72	.1	10	15	677	4.36	3	5	ND	2	48	1	2	2	124	2.01	.088	6	23	1.32	100	.13	9	2.72	.17	.15	1
15140	1	116	2	82	.1	13	16	436	3.80	2	5	ND	2	84	1	2	2	106	2.86	.084	6	23	.99	85	.11	12	3.57	.45	.14	1
15141	1	114	2	75	.1	11	16	537	4.21	2	5	ND	2	64	1	2	2	143	1.85	.088	5	29	1.23	108	.14	4	3.29	.34	.15	1
15142	3	154	2	76	.2	12	20	654	5.86	4	5	ND	5	42	1	2	2	125	8.64	.095	7	24	1.02	28	.11	44	3.26	.02	.10	1
15143	1	82	17	79	.1	12	15	683	4.09	2	5	ND	2	33	1	2	2	106	1.36	.083	5	22	1.35	32	.08	6	2.54	.16	.08	1
15144	3	130	5	148	.1	14	18	859	5.38	4	5	ND	2	18	1	2	2	131	1.80	.186	6	81	1.73	27	.10	2	2.57	.05	.06	1
15145	6	94	5	63	.1	13	18	595	4.02	4	5	ND	2	45	1	2	3	88	1.77	.111	4	28	1.03	66	.11	9	2.24	.16	.14	1
15146	1	73	2	76	.1	18	16	829	4.58	9	5	ND	2	47	1	2	2	122	1.76	.097	5	46	1.59	212	.24	7	2.84	.23	.61	1
15147	1	274	12	64	1.8	30	26	745	7.72	15	5	ND	3	44	1	2	2	79	5.16	.137	5	38	1.31	120	.11	2	2.01	.08	.47	1
15148	1	114	2	78	.1	13	15	694	3.60	3	5	ND	2	36	1	2	2	80	2.11	.151	5	32	.96	76	.12	4	1.90	.15	.24	1
15149	1	108	6	85	.2	19	16	1074	4.11	7	5	ND	3	37	1	2	2	92	5.32	.239	6	40	1.31	43	.11	7	2.01	.04	.24	1
15150	1	277	96	1226	3.7	15	24	756	4.97	75	5	ND	3	34	43	2	2	35	5.20	.125	4	50	.82	36	.08	4	1.20	.01	.16	1
STD C	20	63	37	138	7.1	71	31	1042	3.97	38	18	8	35	51	17	17	20	66	.48	.107	37	60	.88	192	.09	39	1.71	.07	.17	13

ROSSBACHER LABORATORY LTD.
2225 S. SPRINGER AVENUE
BURNABY, B.C. V5B 3N1
TEL : (604) 299 - 6910

CERTIFICATE OF ANALYSIS

TO : MPH CONSULTING LTD.
301-409 GRANVILLE STREET
VANCOUVER B.C.

PROJECT: V240A
TYPE OF ANALYSIS: GEOCHEMICAL

CERTIFICATE#: 87014
INVOICE#: 7393
DATE ENTERED: 87-01-23
FILE NAME: MPH87014
PAGE # : 1

FILE #	SAMPLE NAME	PPB Au
	DS-1	5

RECEIVED JAN 2 3 1987

CERTIFIED BY : J. Rossbach

ACME ANALYTICAL LABORATORIES LTD. 852 E.HASTINGS ST.VANCOUVER B.C. V6A 1R6 PHONE 253-3158 DATA LINE 251-1011

GEOCHEMICAL ICP ANALYSIS

.500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER.
THIS LEACH IS PARTIAL FOR MN.FE.CA.P.CR.MG.BA.TI.B.AL.NA.K.W.SI.ZR.CE.SN.Y.NB AND TA. AU DETECTION LIMIT BY ICP IS 3 PPM.
- SAMPLE TYPE: SOLUTION

DATE RECEIVED: JAN 23 1987 DATE REPORT MAILED: Jan 26/87 ASSAYER. ..DEAN TOYE. CERTIFIED B.C. ASSAYER.

ROSSBACHER LABORATORY LTD PROJECT - 87014 FILE # 87-0139 PAGE 1

SAMPLE#	Mo PPM	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Ni PPM	Co PPM	Mn PPM	Fe %	As PPM	U PPM	Au PPM	Th 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
DB-1	1	53	14	47	.2	7	7	149	5.89	6	5	ND	1	5	1	2	6	208	.07	.077	2	26	.20	21	.20	2	1.89	.01	.01	1

APPENDIX IV

ANALYTICAL TECHNIQUES AND LABORATORIES USED

The 1099 soil, 32 silt, 228 rock and 75 core samples collected during these phases of the program were analysed for Au using an atomic absorption technique and for 30 elements using inductively coupled plasma-atomic emission spectroscopy (ICP).

Thirty samples were assayed for Au, 5 for Ag, 2 for Cu and 1 for Zn, using wet chemical extraction and atomic absorption techniques.

Au geochemical analyses and assays were done by Rossbacher Laboratory Ltd. in Burnaby, B.C. The 30 element ICP analyses were done by Chemex Ltd. in North Vancouver and Acme Analytical Laboratories in Vancouver, B.C.

APPENDIX V

DIAMOND DRILL LOGS

PROJECT: COW V240-LLLI

DIAMOND DRILL HOLE DATA

COMPANY: INTERNATIONAL CHEROKEE

HOLE NO.	DRILLER	LATITUDE	DEPARTURE	ELEVATION (m)	HOLE LENGTH (m)	DIP	AZIMUTH	CASING DEPTH (m)	CORE SIZE	DATE STARTED	DATE COMPLETED	DOWN-HOLE SURVEY / REMARKS (LENGTH/DIP/AZI) TYPE: PAJARI
C087-1	Roger's	3+90S	7+87E	~430	46.9 (154')	-46 1/2	181	2.4	BQ	Jan. 13/87	Jan. 14/87	45.4 m / -42 / 017° (?) Pajari
C087-2	Roger's	3+05S	8+05E	~430	52.57 (172')	-45	180	1.5	BQ	Jan. 14/87	Jan. 16/87	51.0 m / -41 / 183° Pajari

MPH

ABBREVIATIONS

MINERALS

AB	Albite
AS	Arsenopyrite
CB, CARB	Carbonate
CP	Chalcopyrite
CHL	Chlorite
CZ	Clinozoisite
DI	Diopside
EP	Epidote
FSP	Feldspar
GL	Galena
GT	Garnet
HM	Hematite
HB	Hornblende
LEUC	Leucoxene
MT	Magnetite
MC	Malachite
PLAG	Plagioclase
PY	Pyrite
PX	Pyroxene
PO	Pyrrhotite
QZ	Quartz
SER	Sericite
SL	Sphalerite

LITHOLOGY

AGGL	Agglomerate
ARG	Argillite
BAS	Basalt
CARB	Carbonate
CHT	Chert
CONG	Conglomerate
XLT	Crystal Tuff
DIAB	Diabase
DIOR	Diorite
FHP	Feldspar Hornblende Porphyry
FBX	Flow Breccia
GABB	Gabbro
HYAL	Hyaloclastite
LMST	Limestone
MAF	Mafic (Basalt, Andesite)
QFP	Quartz Feldspar Porphyry
SDST	Sandstone
STST	Siltstone
SKN	Skarn
VN, VNLT	Vein, Veinlet

COLOUR

BLK	Black
BLU	Blue
BRN, BN	Brown
GN	Green
GY	Gray
OL	Olive
RD	Red
WHT	White

TEXTURES AND ALTERATION

ALT'D	Altered
AMYG'L	Amygdaloidal
ANG	Angular
ANH	Anhedral
BDD	Bedded
BX'D, BX'N	Brecciated, Brecciation
CHTY	Cherty
CHL'C	Chloritic
XLLINE	Crystalline
DISS	Disseminated
EP'C	Epidotitic
EUH	Euhedral
FG	Fine Grained
MG	Medium Grained
CG	Coarse Grained
GRAD	Gradational
HM'C	Hematitic
LAM'D	Laminated
MSV	Massive
MED	Medium (Bedded), 2-10 mm
P	Porphyry, Phyric
PY'C	Pyritic
RDD	Rounded
SER'C	Sericitic
SIL, SIL'D	Siliceous, Silicified
SUB-ANG	Subangular
SBH	Subhedral
TK	Thick (Bedded), >10 mm
VES	Vesicular

GENERAL

ABDT	Abundant
AMYG	Amygdule
AV	Average
BDG	Bedding
BX	Breccia
BC	Broken Ground
CMT	Cement
CM	Chill Margin
XL	Crystal
CT	Contact
CA	Core Axis
Ø, DIA	Diameter
FRCR	Fracture
FRAG	Fragment
GO	Gouge
GND	Ground
GM	Groundmass
J	Joint
LAM	Laminated
MOD	Moderate
NTWK	Network
PHENO	Phenocryst
QCV	Quartz Carbonate Vein
QV	Quartz Vein
SHR	Shear
STG	Stringer
STR, STRLY	Strong, Strongly
SX	Sulphides
TR	Trace
W, w̄, W/	With

MPH CONSULTING LIMITED
COW PROJECT
Project No. V240-III
INTERNATIONAL CHEROKEE

Length (m): 46.9
Dip : -46 1/2°
Azimuth : 181°
Core Size : BQ
Casing: BW (2.4m)

Grid : A
Latitude : 2 + 90S
Departure : 7 + 87E
Collar elev.: ~430m
Remarks :

Drilled : 01/13-14/87
Contractor : Roger's
Logged by : G. Allen
Date logged : 01/14/87

Objective: To test vein and shear zone in trench on MLA

Hole No. CO 87-1
Hole Survey Type : Pajari

Depth	Dip	Azi
45.4	-42°	Magnetic Disturbance

From - To meters	Lithology	Alteration	Mineralization/Sulphides/Structure/Core Condition	No.	Sample Interval m	Lgth m	Au ppb - or ppb/oz/T	Ag ppm	Cu ppm	As ppm
0 -3.1	NO RECOVERY			4186	6.28-7.87	1.59	5	0.1	87	4
3.1 - 17.10	LAPILLI - AGGLOMERATE		8.0-8.26 - Qz stg (@ ~1-2mm)	4187	7.87-8.30	0.43	5	0.1	50	6
	Dk gy-bn, sil, cherty to CG sandy gm		zone. 70° CA.	4188	8.30-9.50	1.20	5	0.1	107	3
	with 20-70% angular to rdd clasts from		8.30-9.5 - <1% Py in frcrs	4189	9.50-10.38	0.88	5	0.1	72	2
	< 1mm to > 5cm of:		and diss.	4190	10.38-10.56	0.18	5	0.1	57	18
	- trachytic porphyry with a dk bn gm and									
	15-20% 1-3mm lath shaped subhedral to		10.48-10.55 - Qz carb stg	4191	10.56-11.46	0.90	5	0.1	122	5
	euhedral plag phenos. Probably andesitic.		zone 80° CA. 5% F.G. Py	4192	11.46-12.09	0.63	5	0.2	71	19
	- fsp - hb (?) porphyry. Dark bn f.g. sil		11.2-11.75 - weak carb stg	4193	12.09-13.0	0.91	5	0.1	97	4
	with ~15% @ of stubby, subhedral gy bn		zone, 80° CA. 1-2% Py. B.C.	4194	13.0-13.34	0.34	5	0.1	57	8
	fsp phenos and chloritic mafic phenos		11.58-11.75 - shear zone	4195	13.34-14.11	0.77	5	0.2	72	9
	av 1-2 min. Mafics could be pyroxene?		~80° CA. Weak carb bx to	4196	14.11-14.33	0.22	5	0.2	60	13
			2cm 80° CA. with ~5% Py							
	- Dk bn to light gy, f.g. sil pebbles.		13.0-13.34 - B.C. few	4197	14.33-15.07	0.74	5	0.1	94	4
	Could be sediment or f.g. volcanic.		barren Qz carb stgs 80-90° CA.							
	GM commonly contains crystal fragments									
	and some intervals are m.g. xl tuffs.									
	Rock is cut by abdt Qz and/or carb stgs									
	with minor amounts of Py. <1% sulphides									
	over all. Predom frcr Py. ~20% intervals									
	of VFG cherty material to CG xl tuff.									

From - To meters	Lithology	Alteration	Mineralization/Sulphides/Structure/ Core Condition	No.	Sample Interval m	Lgth m	Au ppb - or ppb/oz/T	Ag ppm	Cu ppm	As ppm
	Appears to be bedded ~60° CA.									
17.10-17.57	FELDSPAR - HORNBLENDE PORPHYRY DYKE Sharp contacts at ~70° CA. Siliceous f.g., gy gm with ~15-20% stubby, white subhedral plag (?) phenos to 1mm ~15-20% lath - shaped chloritic masses after hb. phenos to 2mm.									
17.57-26.75	FINE GRAINED SANDSTONE TO CHERTY SILTSTONE (TUFFACEOUS?)									
	17.57-20.5 - M to FG, gn gy to bn gy,		20.5-26.0 B.C.	4198	20.48-21.35	0.87	5	0.2	123	4
	mod sil sdst or sandy tuff. FG xlline		20.48-21.35 - Highly frcr'd	4199	21.35-21.53	0.18	5	0.1	34	7
	gm of sil chlorite-biotite rich material	RECOVERIES	Several carb stgs to 2mm	4200	21.53-22.53	1.00	5	0.1	96	7
	Hornfelsed? Vague, gray, sub-rdd fspr		70° and 45° CA. Sporadic	15101	22.53-22.69	0.16	5	0.3	69	8
	xl frags to 1/2mm. Minor (<1%) Py in	21.03-22.40 = 84%	frcr Py, <1% overall.							
	frcrs. Bedded ~45° CA.		21.35-21.53 - Fault Zone 2cm	15102	22.69-23.31	0.62	5	0.1	95	6
		22.40-24.38 = 90%	go 60° CA. 2-3cm carb bx	15103	23.31-23.99	0.68	5	0.1	89	2
	20.5-26.75 - gy to bn chty stst (tuff?)		zone associated.	15104	23.99-24.31	0.32	10	0.4	110	2
	Fracture, stg zone. Frcrs 70° to sub-	24.38-25.75 = 92%	22.53-22.69 - Wk carb filled	15105	24.31-25.87	1.56	5	0.2	94	4
	parallel CA.		frcr zn. ~1% frcr Py.	15106	25.87-26.77	0.90	5	0.1	67	3
		25.75-28.34 = 100%								
26.75-29.36	CRYSTAL TO LAPILLI TUFF									
	L to M gy, v sil, vfg gm with ~20-50%		23.99-24.31 - carb stg zone	15107	26.77-27.40	0.63	5	0.2	96	2
	white to gy fsp xl frags to 1mm,		sub-parallel CA. ~1% Py.	15108	27.40-27.61	0.21	5	0.2	79	2
	av $\leq$ 1/2mm. ~0-25% rdd, gy to bn vfg		Carb stgs to 2mm.	15109	27.61-28.34	0.73	5	0.1	73	2
	cherty clasts to 1cm. Some porphyritic.		26.75-29.36 - Diss Po + Py	15110	28.34-29.42	1.08	5	0.1	79	3

From - To meters	Lithology	Alteration	Mineralization/Sulphides/Structure/ Core Condition	No.	Sample Interval m	Lgth m	Au ppb - or ppb/oz/T	Ag ppm	Cu ppm	As ppm
26.75-29.36 (Cont'd.)	~5% chloritic masses often mafic xl frags up to 1mm.		~3-4% overall							
	Bdd 28.8 - 30° CA.		27.4-27.61 - Wk bx zone. Qz carb - Py stgs to 2mm. Py - 5% frcr.							
29.39-32.0	SANDY CRYSTAL TUFF Mod sil blu-gy to bn-gy f - mg xl tuff to sandstone. F.G. sil gm with: ~30-40% gy sub rdd blu-gy fsp xl frags to m g sand size: (Av f.g.) ~40% (+) felty aggregate of chlorite, biotite and pyrite. F.G. diss Py ± Po ~3-4% assoc with biotite.		29.36-32.0 - 3-4% vfg Py ± Po 32.0-37.9 B.C. PROBABLY SHEAR ZONE EXPOSED IN TRENCH							
32.0-37.57	CHERTY SILTSTONE (TUFF?) Dk blu-gy to bn stst to vfg sdst or tuffaceous sediment. Well bdd 70-80° CA. Extremely siliceous. Sporadic Py along frcrs. Intensely frcr'd. Minor carb stringers subparallel CA.	RECOVERIES 32.0-32.77 = 70% 32.77-35.05 = 95% 35.66-37.19 = 91%	36.60-36.87 - Highly frcr'd core. Carb - Py stg zone 30-60° CA. 36.87-37.19 - as above	15111 15112 15113 15114 15115	32.00-32.77 32.77-34.14 34.14-35.05 35.05-36.60 36.60-36.87	0.77 1.37 0.91 1.55 0.27	5 5 5 5 5	0.6 0.2 0.1 0.3 0.3	90 115 107 115 152	7 2 4 3 8
37.57-37.88	QUARTZ VEIN ZONE Probably same structure in trench. 15cm greenish silicified, Qz flooded		37.57-37.88 - Po, Py (+ tr Cp?) in Qz flooded frcr zone. MAIN VEIN	15116 15117 15118	36.87-37.19 37.19-37.57 37.57-37.88	0.32 0.38 0.31	5 5 50	0.2 0.3 1.0	90 173 310	3 2 53

From - To meters	Lithology	Alteration	Mineralization/Sulphides/Structure/ Core Condition	No.	Sample Interval m	Lgth m	Au ppb - or ppb/oz/T	Ag ppm	Cu ppm	As ppm
37.57-37.88 (Cont'd.)	and healed frcr zone. 70° CA. 10% Py 5% Po, tr Cp. Vuggy, with crystalline Py + calcite. 2cm Qz - carb vein with 10% f.g. Py.			15119	37.88-39.38	1.50	5	0.2	144	2
				15120	39.38-39.55	1.17	5	0.2	116	2
37.88-39.42	CHERTY SILTSTONE (TUFF?) As 32.0-37.57			15121	39.55-41.01	1.46	340	0.1	101	2
39.42-40.0	LITHIC TUFF Dk gy-bn extremely siliceous m - c.g. blu-gy sub rdd - sub ang feld xl and cherty lithic frags av <1/2mm. Lithic frags to 0.5 cm. Coarsens down hole. 4-5% f.g. diss Py.		39.42-40.0 - 4-5% fg diss Py							
40.0-46.9	TUFFACEOUS LAPILLISTONE 30-50% (+) dk gn to lt gn-gy f - c.g. flattened porphyry fragments. Phenocrysts <0.2 mm to 2mm. Many clasts with dark rims (Alteration Halo?). 3-4% fg diss Po.		40.0-46.9 - 3-4% f.g. diss Po.	15122	43.22-44.67	1.45	5	0.2	147	3
				15134	44.93-45.14	0.21	20	0.3	208	2
			45.05 - 1cm Qz stg 70° CA. 10% Py.							
	46.9 - END OF HOLE									

MPH CONSULTING LIMITED
COW PROJECT
Project No. V240-LII
INTERNATIONAL CHEROKEE

Length (m): 52.57
Dip : -45°
Azimuth : 180°
Core Size : BQ
Casing: 1.5m

Grid : A
Latitude : 3 + 05S
Departure : 8 + 05E
Collar elev.: ~430m
Remarks :

Drilled : 01/14-16/87
Contractor : Roger's
Logged by : G. Allen
Date logged : 01/17/87

Objective: To test vein and shear zone in trench on MLA

Hole No. CO 87-2
Hole Survey Type : Pajari

Depth	Dip	Azi
51.04	-41°	183°

From - To meters	Lithology	Alteration	Mineralization/Sulphides/Structure/Core Condition	No.	Sample Interval m	Lgth m	Au ppb - or ppb/oz/T	Ag ppm	Cu ppm	As ppm
0 - 3.3	OVERBURDEN	RECOVERIES	3.0 - B.C.	15123	6.50-7.32	0.82	5	0.1	71	3
3.3 - 4.50	CHERTY SEDIMENT (TUFF?)	3.66 - 4.42 = 34%	7.32-7.55 - 5cm Qz - carb	15124	7.32-7.55	0.23	5	0.1	55	3
	Blu-gy to bn cherty, v.f.g clastic (tuff?)	4.42 - 6.10 = 100%	flooded bx zone. 2-3% vfg	15125	7.55-8.99	1.44	5	0.1	30	6
	Grains generally not distinct. <1%	6.10 - 7.32 = 82%	diss sulphides (Py?)							
	frcr Py	7.32 - 8.99 = 82%		15126	8.99-10.52	1.53	5	0.1	75	4
		3.66 - 12.12 = 88%	7.0-11.0 - Highly frcr'd	15127	10.52-12.12	1.60	5	0.1	40	10
4.50 - 4.90	HORNBLENDE FELDSPAR PORPHYRY		core .Thin carb stgs to 1mm							
	Dk blu-gy v.f.g. sil gm with ~15-20%		sub- parallel CA.	15128	13.67-13.87	0.20	5	0.1	107	3
	subhedral, white, stubby feld, phenos		13.67-13.87 - 15cm zone wh	15129	14.97-15.24	0.27	5	0.1	60	3
	to 1mm. ~10% dark, chloritic masses		to pale gn, sil, f.g. xl							
	to 1/2mm. Probably pseudomorphs after		tuff 4-5% frcr and diss Py.	15130	15.24-16.31	1.07	5	0.1	63	2
	Hb. Contacts sharp 60° CA.		14.97-15.24 - L gy v sil m g	15131	16.31-16.64	0.33	5	0.1	50	2
			xl tuff with 5% frcr and	15132	16.64-16.76	0.12	360	0.1	98	7
4.90 - 24.55	CHERTY SEDIMENT (TUFF?)		diss Py.							
	As 3.3-4.85. Thinly bedded in some		16.61-16.76 - Qz stgs to 3mm	15133	16.76-17.68	0.92	5	0.1	121	7
	places at 60° CA. <1-2% diss Py.		70° CA. 2-3% frcr Py.							
	18.24-18.52 - Feldspar - Hb porphyry		18.35-18.50 - Qz flooded	15135	17.98-18.35	0.37	5	0.1	73	2
	as 4.5-4.9. Sharp contact 70° CA.		bx zone on dyke selvage	15136	18.35-18.50	0.15	5	0.1	40	2
			60° CA. 3% f.g. diss Py							

From - To meters	Lithology	Alteration	Mineralization/Sulphides/Structure/Core Condition	No.	Sample Interval m	Lgth m	Au ppb - or ppb/oz/T	Ag ppm	Cu ppm	As ppm
	18.50-18.7 - M.g. xl tuff. Bdd 60-70° CA.		18.50-18.7 - M.g. xl tuff	15137	18.50-19.37	0.87	5	0.1	118	2
	5% diss + frcr Py.		5% diss and frcr Py + Po	15138	20.45-20.81	0.36	5	0.1	85	12
24.55-30.78	TUFFACEOUS LAPILLISTONE		20.70-20.78 - Qz - Carb vein	15139	20.81-22.12	0.31	5	0.1	88	3
	Dk gn-gy to dk bn-gy v sil f.g. cherty gm.		bx. 60° CA. 3% frcr Py							
	(20-40%) with:			15140	22.86-23.09	0.23	5	0.1	116	2
	sub ang to sub rdd bn to gn by fsp porphyry		23.67-23.96 - Wk lt gn-gy	15141	23.09-23.67	0.58	5	0.1	114	2
	(+ hb) Phenos up to 2mm in clasts <1mm to		v sil bedded, v.f.g. sed.	15142	23.67-23.96	0.29	5	0.2	154	4
	2cm (Av 1/2-1cm). 3-4% diss Po. 1-2%		7-8% diss and frcr Py. Qz	15143	23.96-24.55	0.59	5	0.1	82	2
	frcr and diss Py.		stg 60° CA. (1cm) w/ 20% Py							
	27.36 - 1cm chloritic clast with 30% (+) Po.		24.55-24.84 - 1cm Qz vein at	15144	24.55-24.84	0.69	5	0.1	130	4
	Sulphide rich clast? or sulphide		50° CA, with 10% Py. 2cm	15145	24.84-25.53	0.69	5	0.1	94	4
	replacement?		Qz vein with 25% Py.	15146	25.53-26.50	0.97	5	0.1	73	9
			26.50-26.64 - 2cm Qz carb							
			stg, 60° CA. with ~20% Py	15147	26.50-26.64	0.14	30	1.8	274	15
			2cm go. zone associated.							
	28.85-29.07 QUARTZ-CARB VEIN		28.08-28.85 - 1mm carb stg	15148	26.64-28.08	1.44	5	0.1	114	3
	Probably structured exposed in trench.		zone 60° CA.	15149	28.08-28.85	0.77	5	0.2	108	7
	Blu-gy Qz and carb (60-40) with ~10% f.g.		30.63-30.81 - pale cream to	15150	28.85-29.07	0.22	260	3.7	277	75
	Py in bands parallel to vein. Tr Cp.		gn-gy sil zone. 5% Po in	15051	29.07-30.63	1.56	5	0.1	126	3
	One speck looks like V.G. but could be Cp.		clasts.	15052	30.63-30.81	0.18	5	0.2	130	4
	Carbonate parts contain up to 20% Py.									
30.78-37.86	CHERTY SILTSTONE (TUFF?)		32.17-32.38 - 5% diss Py	15053	32.17-32.28	0.21	5	0.2	148	5
	Dk gn to bn vfg to fg mod sil, massive		and or Po							
	to thinly bedded (60° CA.) siltstone to		33.28-33.41 - zone of frcr	15054	33.28-33.41	0.13	5	0.2	133	4
	f.g. sdst. (Tuffaceous?). Abdt f.g.		Py + 1cm Qz vein with 15% Py							

From - To meters	Lithology	Alteration	Mineralization/Sulphides/Structure/Core Condition	No.	Sample Interval m	Lgth m	Au ppb - or ppb/oz/T	Ag ppm	Cu ppm	As ppm
30.78-37.86 (Cont'd.)	biotite throughout. Could be honrfelsed.		and 2-3% Cp. 70° CA. 34.88-35.72 - Wk frcr - stg zone with 2-3% Py.	15055	34.88-35.72	0.84	5	0.3	137	3
37.86-38.35	TUFF Gn-gy m - c.g. lithic tuff with lithic frags to 3mm. Coarsening down hole. Gradational contact with lapilli. 2-3% f.g. diss Po.		37.86-44.96 - 3-4% f.g. diss Po.							
38.35-44.96	TUFF LAPILLISTONE Sil, gn-gy overall colour. Cherty to f.g. porp frags to 3cm (flattened). Some frags zoned from dark gn gy to m blu-gn to white. 30-50% frags 1cm (+) in CG lithic tuff gm. ~5% diss Po in tuffaceous gm.			15056	40.48-41.98	1.50	5	0.1	132	2
				15057	41.98-43.45	1.47	5	0.1	106	2
				15060	47.11-47.22	0.11	5	0.1	104	2
				15058	50.48-52.03	0.55	5	0.1	74	2
				15059	52.03-52.57	0.54	5	0.3	64	11
44.96-52.57	CHERTY SILSTONE (TUFF?) Dk gn-gy, sil f.g. bedded sed (60° CA). Could be tuffaceous. Some coarse-grained sections to 30cm - lapilli with 5% Po. Generally <1% sulphides. 52.57 END OF HOLE		47.17 - 1cm vuggy Qz stg 80° CA. 10% Py 50.48-52.03 - 1-2mm carb stgs subparallel to 80° CA. To 5% Py in stgs. 52.03-52.57 - B.C. 52.43 - 2cm Qz-carb vein 80° CA. 10% frcr Py.							

APPENDIX VI

CONVERSION FACTORS FOR METRIC UNITS

MPH

Conversion Factors for Metric Units

1 inch	=	25.4 millimetres	(mm)
		or 2.54 centimetres	(cm)
1 cm	=	0.394 inch	
1 foot	=	0.3048 metre	(m)
1 m	=	3.281 feet	
1 mile	=	1.609 kilometres	(km)
1 km	=	0.621 mile	
1 acre	=	0.4047 hectares	(ha)
1 ha	=	2.471 acres	
1 ha	=	100 m x 100 m = 10,000 m^2	
1 km^2	=	100 ha	
1 troy ounce	=	31.103 grams	(g)
1 g	=	0.032 troy oz	
1 pound (lb)	=	0.454 kilogram	(kg)
1 kg	=	2.20 lb	
1 ton (2000 lb)	=	0.907 tonne	(t)
1 tonne	=	1.102 ton = 2205 lb	
1 troy ounce/ton	=	34.286 g/t	
1 g/tonne	=	0.0292 troy oz/ton	
1 g/t	=	1 part per million	(ppm)
1 ppm	=	1000 parts per billion	(ppb)
10,000 g/t	=	1%	

APPENDIX VII

ABBREVIATIONS USED IN ROCK SAMPLE DESCRIPTIONS AND DIAMOND DRILL LOGS