Geochemical Report on the

POT 1-3, 21, & 22 CLAIMS

Aspen Grove Area
Nicola Mining Division, B.C.
92H/15E,16W

Latitude: 49°58'N; Longitude: 120°31'W

For:
LARAMIDE RESOURCES LTD.

By:
I.M. WATSON & ASSOCIATES LTD.
904 - 675 West Hastings Street
Vancouver, B.C. V6B 1N2

October, 1992

I.M. Watson, P.Eng.

Vancouver, B.C.

TABLE OF CONTENTS

Appendix

List of Illustrations

LARAMIDE RESOURCES LTD.

POT CLAIMS

INDEX MAP

October 1992

Fig. 1

1.0 INTRODUCTION

This report summarises the results of a geochemical soil and rock sampling programme carried out on the POT 1-3, 21 and 22 claims in the Aspen Grove area of south-central B.C. The work was done on behalf of the claim owner, Laramide Resources Ltd., by I.M. Watson & Associates Ltd. during the period May 5 to June 19, 1992.

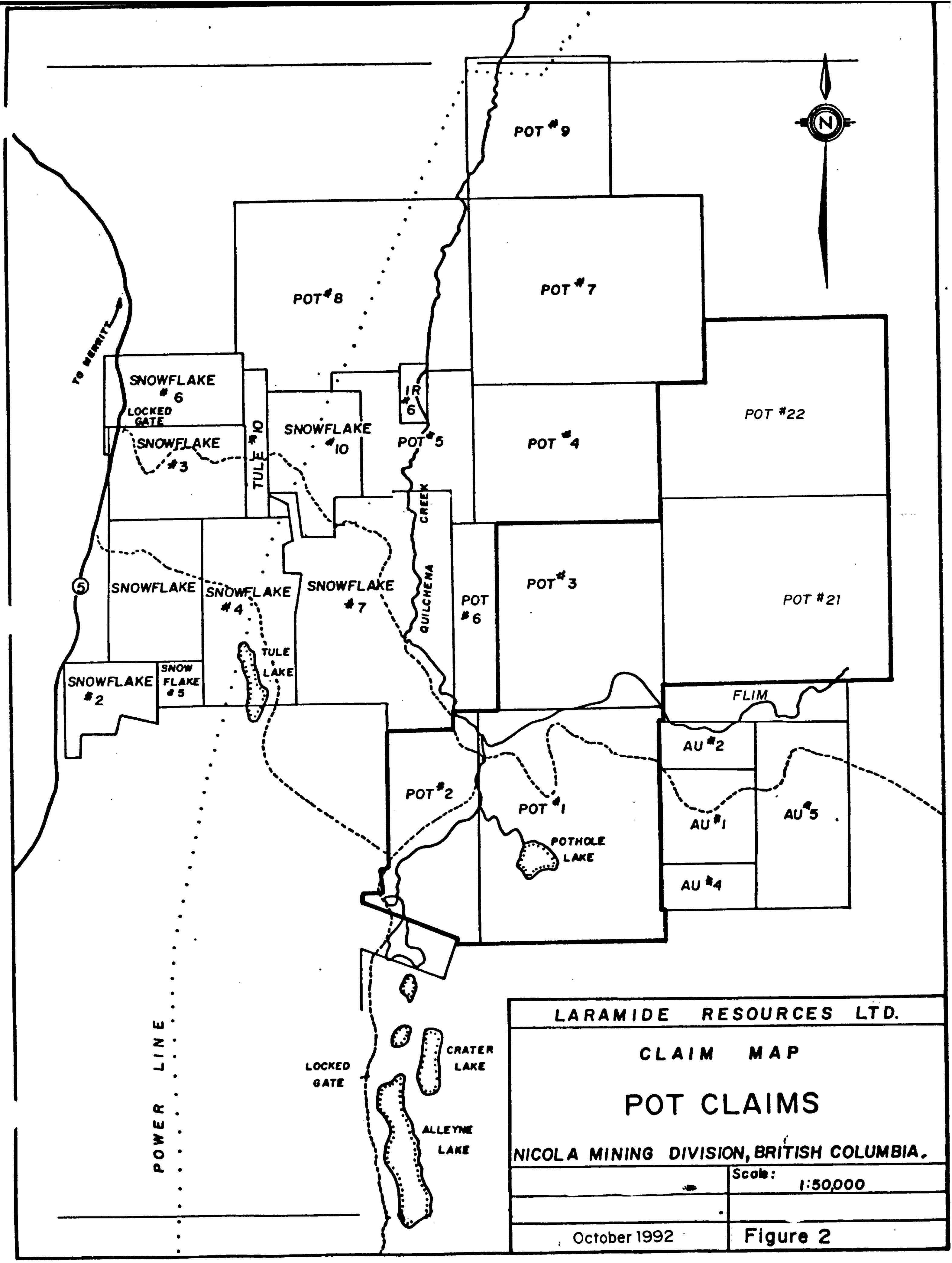
The primary purpose of the programme was to investigate anomalous gold contents (950ppb-2550ppb Au) associated with copper mineralisation in andesites on the POT 1 claim, in the southeastern part of the POT claim group. Secondary targets of a broader nature included a wide scattering of weak copper soil anomalies, mostly within the POT 3 claim, north and east of Quilchena Creek. Also of interest are targets represented by the 'Au' or 'Pothole Gold' Zone on the Heyman property, 800 metres to the east of the Laramide showings.

Rocks of the Pennask batholith outcrop on the POT 1 and 21 claims. This intrusion hosts the 'Elk' gold zone of Fairfield Minerals Ltd., currently being developed on the property 16 kms southeast of the POT claims.

Limited preliminary sampling of the POT 1 copper gold showings by Watson in 1985 indicated that geochemical soil and rock sampling might be an effective exploration tool in at least those parts of the property where overburden was not excessive.

2.0 LOCATION, ACCESS, PHYSIOGRAPHY

The POT claims are situated 24 kms southeast of Merritt, and 58 kms north of Princeton in the Nicola Mining Division, B.C. The centre of the property is at 49°58'N, 120°31'W, and the NTS reference is 92H/15E,16W (Figure 1).


POT #9
POT #8
POT #7
POT #22
POT #4
POT #5
IR 6
SNOWFLAKE #6
LOCKED GATE
SNOWFLAKE #3
TULE #10
SNOWFLAKE #10
TO MERRITT
5
SNOWFLAKE
SNOWFLAKE #4
SNOWFLAKE #7
QUILCHENA CREEK
POT #6
POT #3
POT #21
SNOWFLAKE #2
SNOW FLAKE #5
TULE LAKE
FLIM
AU #2
AU #1
AU #5
AU #4
POT #2
POT #1
POTHOLE LAKE
POWER LINE
LOCKED GATE
CRATER LAKE
ALLEYNE LAKE
LARAMIDE RESOURCES LTD.
CLAIM MAP
POT CLAIMS
NICOLA MINING DIVISION, BRITISH COLUMBIA.
Scale: 1:50,000
October 1992
Figure 2

The Princeton-Merritt Highway (5A) is four kilometres west of the POT claims, and the new Okanagan Connector crosses the southernmost parts of the POT 1 and 2 claims (Figure 2).

Access from Highway 5A to the claims is by the Douglas Lake Cattle Company gate, about 25 kms from Merritt. This gate is locked and a key and permission to enter must be obtained from Douglas Lake. The ranch road crosses the Snowflake claims to Quilchena Creek. A branch road crosses the southern tributary of Quilchena Creek about 6 kms from the Douglas Lake gate and switchbacks up the steep eastern slope of the Quilchena Valley to the POT 1 claim. Padlocked gates, also requiring the Douglas Lake key, bar the tracks which provide access to the northern and eastern parts of the POT claims. In wet weather the hill from Quilchena Creek east is virtually impassable.

A less arduous alternative route is by way of the Loon Lake turnoff from the Okanagan Connector about 12 kms east of the Aspen Grove junction. This logging/ranching road climbs north for seven kilometres, then swings east for another four kilometres to connect with the Quilchena Creek road on the POT 1 claim.

The POT claims cover an area of gently rolling open ranchland with scattered stands of aspen. Along and south of Quilchena Creek the ground is more heavily wooded with open forests, mainly of pine.

Quilchena Creek meanders east-west just south of the POT 21 claim and across the POT 1 claim before dropping abruptly at Quilchena Falls, a 30-metre cliff of remnant Tertiary basalts. The stream then swings north along the main valley between the POT and adjacent Snowflake claims of Quilchena Resources Ltd. The Quilchena is dammed at its upper end and has a fairly constant flow year round.

Maximum relief on the property is about 200 m, between elevations 880 m along Quilchena Creek and 1,070 m at the highest point of the tableland on the POT 22 claim.

Bedrock exposure is most abundant in the wooded eastern part of the POT 1 claim. Prominent northwesterly-trending rounded ridges are formed by dykes of Pennask batholith granite which intrude the less prominent andesitic volcanics. To the north, outcrop is rare except along rounded ridges where ribs of volcanics are intermittently exposed. To the east along the steeper eastern slopes of the Quilchena Valley, overburden increases, except at river level where there is intermittent exposure.

3.0 CLAIMS

The exploration programme was conducted over the POT 1-3, 21 and 22 claims (Figure 2), all owned by Laramide Resources Ltd. Claim data are listed below.

Claim Name	No. of Units	Record No.	Recording Date
POT 1	20	237095(1516)	July 19, 1984
POT 2	15	237096(1517)	July 19, 1984
POT 3	20	237101(1536)	August 3, 1984
POT 21	20	307628	February 22, 1992
POT 22	20	307629	February 25, 1992

4.0 HISTORY

Previous work in the area of the POT group is sparsely documented. Exploration in the Aspen Grove district dates back to the early 1900's, and the adjoining Snowflake claims to the west were in the most active part of the old Aspen copper camp. Activity was most intense during the porphyry copper exploration boom of the 1960's and 1970's.

The earliest assessment work records for the area covered by the POT Group refer to a soil sampling survey (copper) by Chataway Explorations in 1966 over ground now largely covered by the POT 3 claim. This work detected a scattering of weakly anomalous areas (+50ppm Cu) with small local highs of 100+ppm Cu. Two of these highs correlate with copper showings in andesites mapped by B.C. government geologists (Preto, 1979).

The ground immediately east of the POT 1 claim is currently held by D. Heyman (Au 1, 2, 4 and Flim and Flam claims). Interest in this property arises from the 'Au' or 'Pothole Gold' zone on the Au 1 claim. Gold is hosted in narrow quartz filled fractures in tuffs and argillaceous sediments intruded by 'diorites'. The zone has been investigated by trenching, drilling, and by geochemical and geophysical surveys by various individuals and companies since the 1930's. Chip sampling of the zone by Invex Resources in 1978 returned assays of 0.315 opt Au over 4.9 metres and 0.198 opt Au over 5.1 metres (McGoran, 1979). One of two diamond drill holes directed below the showing by New Pyramid Gold Mines Inc. in 1975 intersected a five-foot zone assaying 0.145 opt Au (Von Rosen and Manning, 1975). A geochemical soil survey of the Au 1 claim was carried out by Invex in 1979; copper and gold anomalies are strongest in the immediate area of the Au gold showing and trend north-northwesterly towards the Laramide POT 1 claim.

In 1985 a preliminary reconnaissance of the Snowflake and POT claims by Laramide (Watson, 1985) resulted in the discovery of anomalous gold contents (950ppb-2550ppb Au) associated with fracture controlled copper mineralisation in andesites, in the northeastern part of the POT 1 claim. The showings are in an area of rubbly outcrop exposed by shallow bulldozer stripping, probably done by Conwest in 1970 (MMAR, 1971), and were mapped by B.C. government geologists in 1972 (Preto, 1973, 1979).

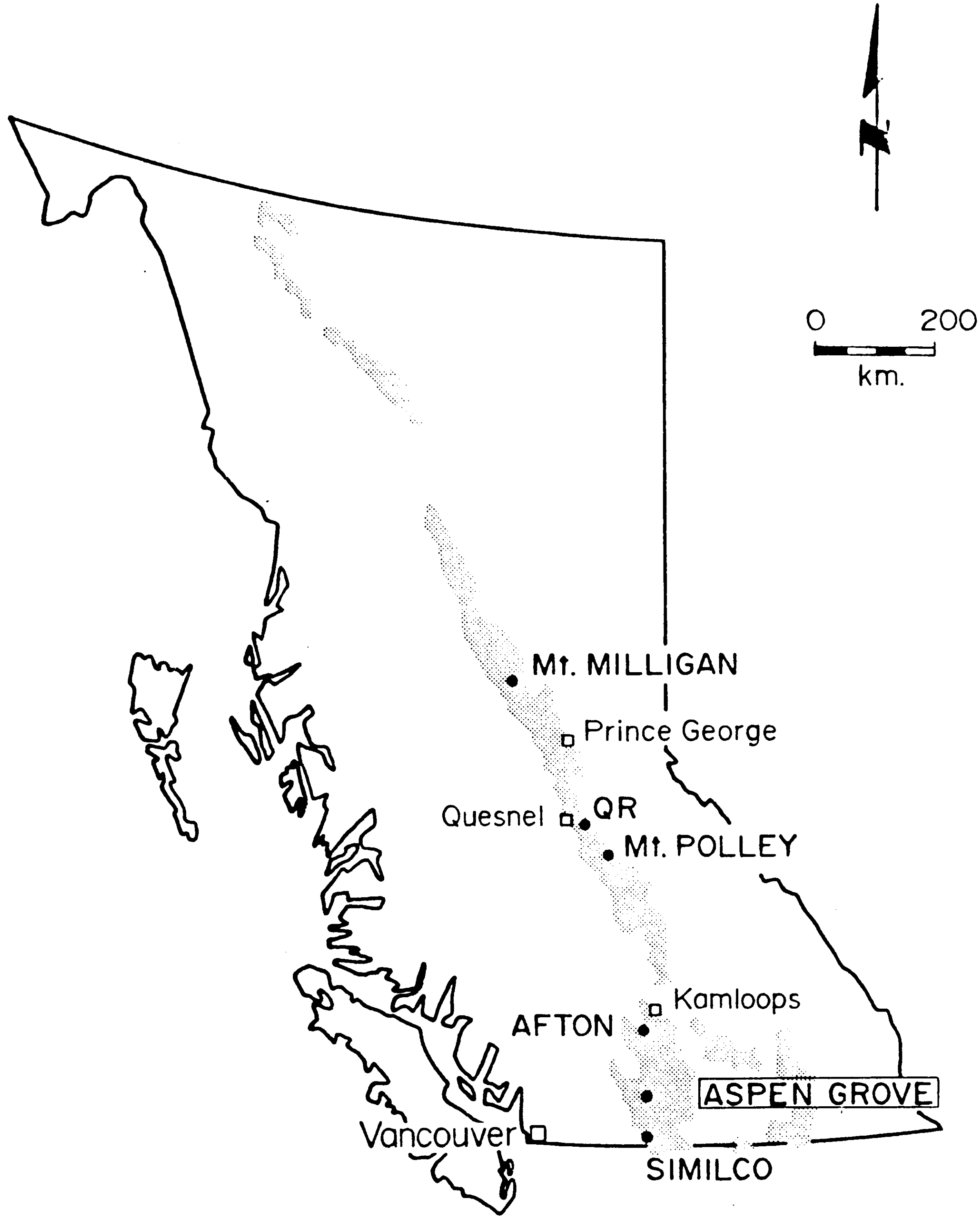
5.0 GEOLOGICAL SETTING

The POT claims lie within the Nicola Belt, which forms the southern portion of a northwesterly trending 30 to 60-kilometre wide assemblage of Upper Triassic-Lower Jurassic volcanic and sedimentary rocks, extending from Princeton in the south to the Stikine in the north (Figure 3). The Nicola Belt passes north under Tertiary volcanics and sediments to reappear as the Quesnel Belt in the Quesnel-Cariboo area.

The volcanic rocks of the Quesnel and Nicola belts form a mixed alkaline and calc-alkaline sequence of andesites, basalts, and derived volcaniclastic monolithic and polylithic breccias and tuffs, and minor sediments. These have been intruded by comagmatic alkaline plutons, ranging in composition from syenogabbro to alkali syenite. The intrusions appear to be structure related and occur in belts along major lineaments and faults. They vary in size from plugs to small batholiths, and have been emplaced into the volcanic centres which produced the abundance of volcanic material (Barr et al, 1976).

Recent work by Mortimer (1987) has identified three main types of Nicola mafic flows; the petrography and geochemistry of these types is reported to be consistent with Monger's interpretation (1984) that the Nicola Group rocks were formed at a plate margin above an easterly dipping subduction zone.

Between Princeton and Merritt, Preto has delineated three assemblages - a <u>Western Belt</u> of easterly dipping calc-alkaline flows, pyroclastics, and sediments; a <u>Central Belt</u> of alkaline and calc-alkaline volcanics and intrusions, and minor sediments; and an <u>Eastern Belt</u> of a more sedimentary nature containing westerly dipping volcanic sediments, tuffs and alkaline flows associated with small monzonite porphyry stocks. The belts are separated by major north-striking faults.



Mesozoic Quesnellia Terrane

Cu-Au deposits

LARAMIDE RESOURCES LTD.

Au-Cu DEPOSITS in the QUESNELLIA TERRANE, B.C.

October 1992

Figure 3

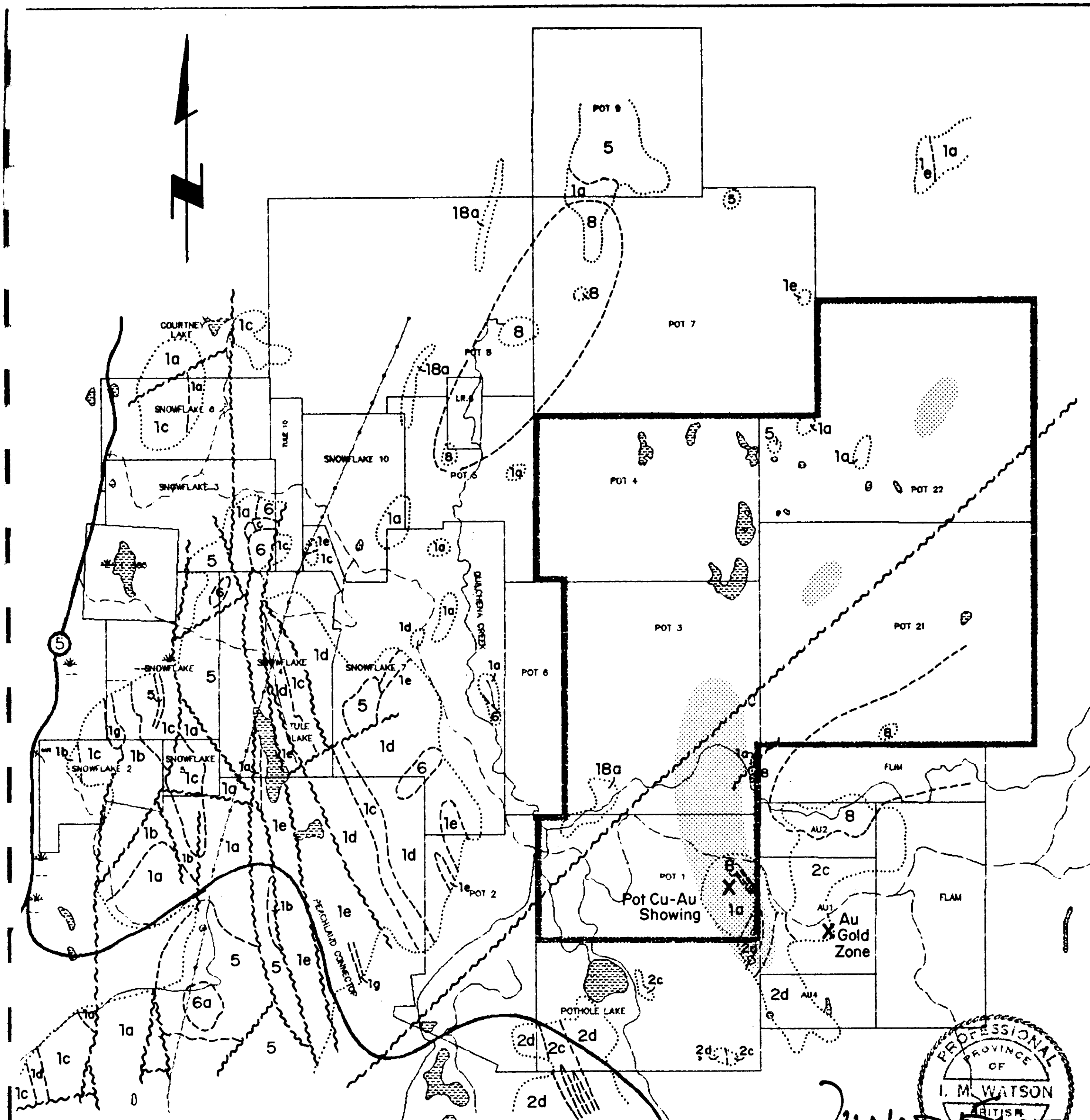
Numerous copper/copper gold deposits occur throughout the Nicola, ranging from small occurrences to major porphyry copper type deposits (e.g. Afton, Similkameen). A significant concentration of showings occurs in Preto's Central Belt rocks in the Aspen Grove area - the old Aspen Grove Copper Camp. Most of the showings are in propylitically altered, fractured volcanics and sediments adjacent to diorite and monzonite stocks, along the major north-trending fault system. Characteristic mineral assemblages are chalcopyrite, bornite, pyrite, chalcocite, locally with cuprite and/or native copper (Preto, 1979).

According to Preto's mapping of the area around and north of Pothole Lake (Figure 4), a major northeasterly trending fault coincides with a prominent topographic lineament about one kilometre north of the Pothole gold-copper showings. South of the fault is the dominantly volcaniclastic sequence of Eastern Belt volcanics, which has been intruded by granitic rocks of the Pennask batholith. The main body of the granite outcrops two kilometres northeast of Pothole Lake and there are apparently related northwesterly trending dykes in the immediate area of the Laramide gold-copper showings.

The government airborne magnetic map shows a north trending, slightly arcuate, narrow high, the axis of which crosses the copper-gold 'zone'. This trend continues to swing to the **northeast** along a major lineament/fault (Figures 4 and 5).

North of the fault and east of the Quilchena River, outcrop is sparse and consists mainly of Central Belt basalts and andesites, inferring major right lateral displacement along the fault; three of the few exposures of andesite contain copper mineralisation.

According to Preto, the Nicola rocks in this area 'are extensively altered to epidote-garnet skarns', suggesting that the Pennask rocks are at shallow depth. This is supported by the outcropping of Pennask type granite along the Quilchena River in the northern part of the adjoining Snowflake property.



18a	Valley Basalts
11	Kingsvale Group
9	Conglomerate
8	Pennask Batholith
6	Pink and gray monzonite and syenite
5	a Diorite, quartz diorite, monzonite and diorite breccia b Breccia
2	Eastern Belt Volcanics
1a	Reddish to green augite-plagioclase andesite andesite and basalt flows
1b	Autobrecciated equivalents of 1a
(stipple)	Airborne magnetic high
1c	Red volcanic breccia and Lahar deposits, mostly massive
1d	Green volcanic breccia and Lahar deposits, mostly massive
1e	Crystal and lithic tuff, generally well bedded
1f	Bedded to massive, grey, fossiliferous reefoid limestone and related calcareous sedimentary rocks
1g	Well bedded siltstone, sandstone, and argillite, minor gritstone and pebble conglomerate

LARAMIDE RESOURCES LTD.

Pot Claims

GEOLOGICAL SETTING

after Preto, 1979

Scale 1:50,000 Oct. 12, 1992

Figure 4

6.0 SUMMARY OF LARAMIDE 1992 WORK PROGRAMME

The Laramide 1992 geochemical survey of the POT Group (Figure 5) was carried out in two stages. Phase 1 was a detailed soil and rock sampling of the area containing the copper gold showings on the POT 1 claim.

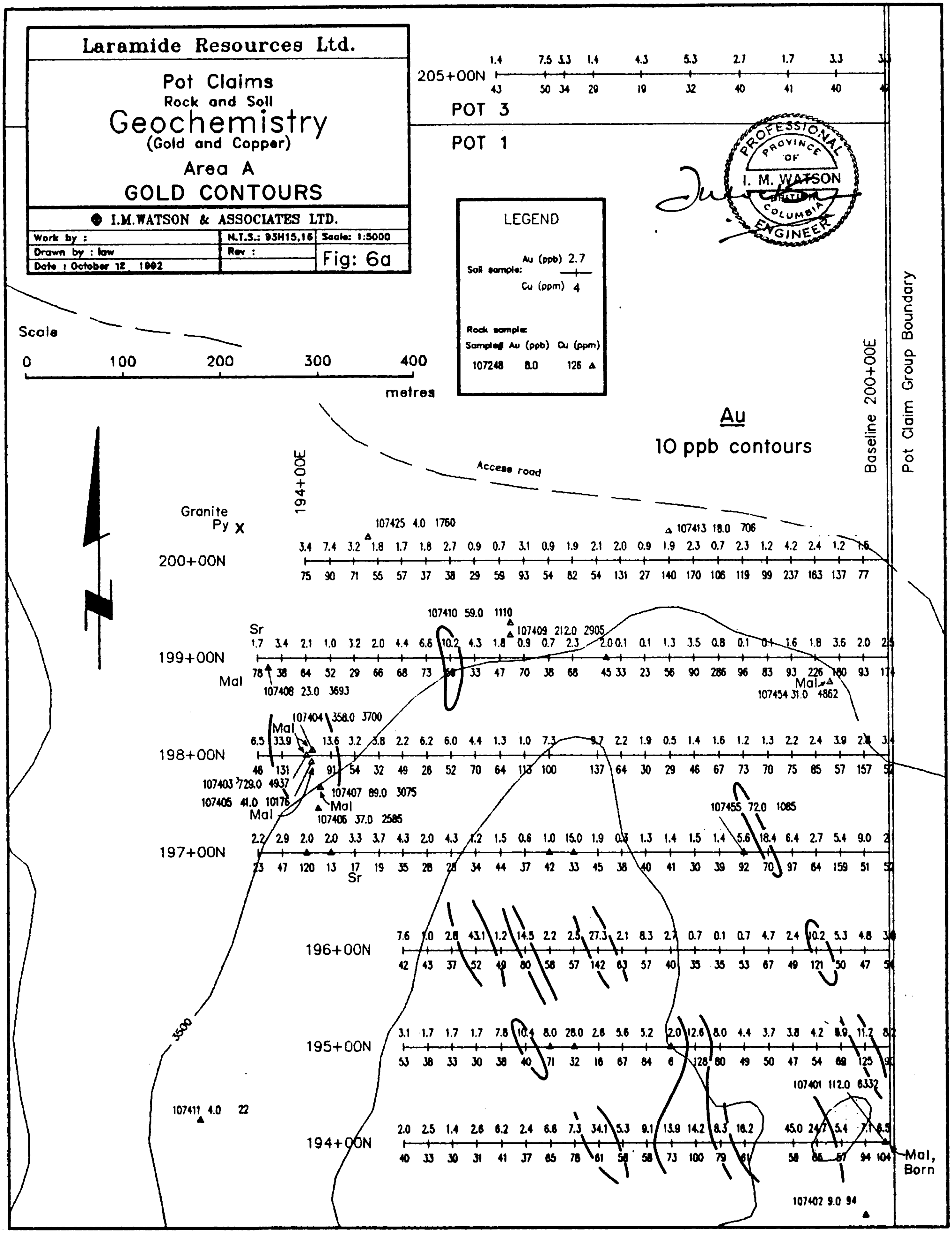
Phase 2 consisted of reconnaissance soil/rock sampling, traverses across the north to northeasterly-trending airborne magnetic anomaly, and the major northeasterly-striking fault.

Phase 1 sampling was controlled by an east-west oriented chain and compass flagged grid in the northeastern quarter of the POT 1 claim (Area A, Figures 5, 6a, and 6b). A north-south baseline was established along the eastern boundary of the POT 1 claim. Cross lines were turned off at 100-metre intervals (194N to 200N), with flagged stations spaced at 25-metre intervals. The western limits of the lines were established where depth of overburden was judged to be too great for sampling to be effective -- in general where sandy soil, indicating fluvio-glacial cover, was encountered.

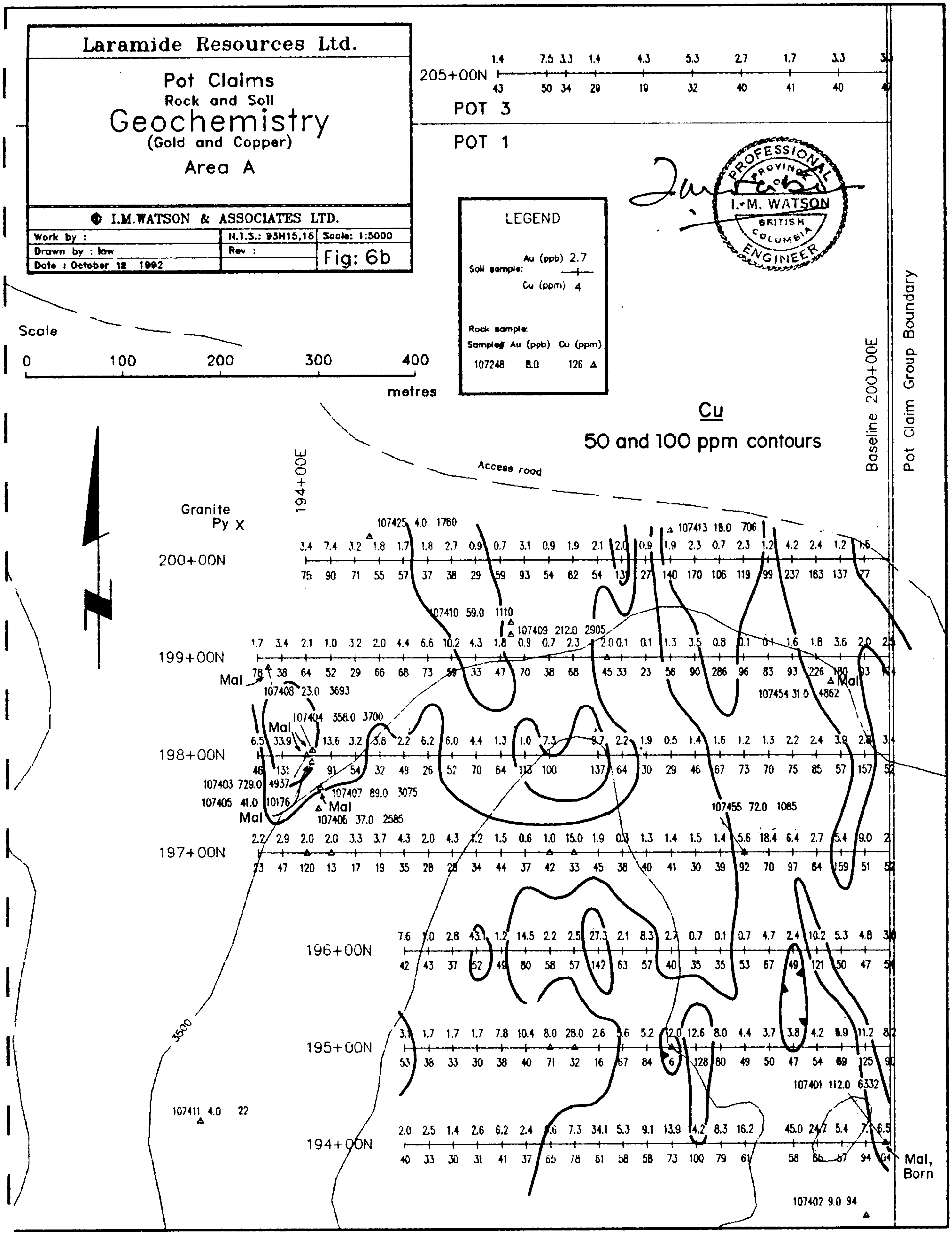
Samples were collected at 25-metre intervals along the lines, from the 'B' horizon, where possible, by digging holes at least 30-40 cms deep using a mattock.

Representative rock samples (approximately 2 kg) were taken where bedrock was exposed along the sample lines. The area was prospected as sampling proceeded and all mineralised outcrop, including the copper-gold showings examined in 1985, was sampled.

A total of 159 soil and 22 rock samples was collected from 4,050 m of Area 'A' grid line.



Laramide Resources Ltd.
Pot Claims
Rock and Soil
Geochemistry
(Gold and Copper)
Area A
GOLD CONTOURS
I.M.WATSON & ASSOCIATES LTD.
Work by :
Drawn by : law
Date : October 12 1992
N.T.S.: 93H15,16
Rev :
Scale: 1:5000
Fig: 6a
LEGEND
Soil sample: Au (ppb) 2.7 Cu (ppm) 4
Rock sample:
Sample# Au (ppb) Cu (ppm)
107248 8.0 126
Scale
0 100 200 300 400
metres
PROFESSIONAL ENGINEER
PROVINCE OF BRITISH COLUMBIA
I. M. WATSON
POT 3
POT 1
205+00N
200+00N
199+00N
198+00N
197+00N
196+00N
195+00N
194+00N
194+00E
Baseline 200+00E
Pot Claim Group Boundary
Au
10 ppb contours
Access road
Granite
Py
Sr
Mal
Mal, Born
3500
107425 4.0 1760
107413 18.0 706
107410 59.0 1110
107409 212.0 2905
107408 23.0 3693
107454 31.0 4862
107404 358.0 3700
107403 729.0 4937
107405 41.0 10176
107407 89.0 3075
107406 37.0 2585
107455 72.0 1085
107401 112.0 6332
107411 4.0 22
107402 9.0 94



Laramide Resources Ltd.
Pot Claims
Rock and Soil
Geochemistry
(Gold and Copper)
Area A
I.M.WATSON & ASSOCIATES LTD.
Work by :
Drawn by : law
Date : October 12 1992
N.T.S.: 93H15,16
Scale: 1:5000
Rev :
Fig: 6b
LEGEND
Soil sample: Au (ppb) 2.7 Cu (ppm) 4
Rock sample:
Sample# Au (ppb) Cu (ppm)
107248 8.0 126
Scale
0 100 200 300 400
metres
Cu
50 and 100 ppm contours
POT 3
POT 1
205+00N
200+00N
199+00N
198+00N
197+00N
196+00N
195+00N
194+00N
194+00E
Baseline 200+00E
Pot Claim Group Boundary
Access road
Granite
Py X
Mal
Mal, Born
3520
107425 4.0 1760
107413 18.0 706
107410 59.0 1110
107409 212.0 2905
107408 23.0 3693
107404 358.0 3700
107403 729.0 4937
107405 41.0 10176
107407 89.0 3075
107406 37.0 2585
107454 31.0 4862
107455 72.0 1085
107401 112.0 6332
107411 4.0 22
107402 9.0 94

Control for Phase 2 of the programme was provided by extending the Area 'A' baseline four kms north. Four sample lines were spaced to provide test traverses across the trends of the airborne magnetic anomaly and the major fault/lineament (Lines 205N, 215N, 225N, and 240N, Figures 5, 6a, and 6b).

Sample stations were spaced at 50 metres along the lines. A total of 116 soil samples was collected along the 5,600 metres of line.

As in the area of the detail grid, rock samples were taken from outcrops along or adjacent to the sample lines. Traverses were also made to examine and sample all outcrop and showings within the claims. A total of 17 rock samples was collected from the POT Group area.

All soil and rock samples were analyzed for 30 elements by Acme Analytical Laboratories in Vancouver using the inductively coupled argon plasma (ICP) method. Gold was analyzed separately by acid leach and atomic absorption methods. Gold and copper analyses are plotted on the accompanying plans (Figures 5 to 7).

7.0 DISCUSSION OF RESULTS

7.1 POT 1 Gold Copper Showings Area 'A' (Figures 4, 5, 6a, 6b)

Results of soil sampling of the 'A' grid (copper, gold) are shown on Figure 5.

The copper contents of the soils are low, ranging from 26ppm to 286ppm Cu. The strongest concentration of copper occurs in the northeastern corner of the grid on lines 199N and 200N. Malachite stained propylitically altered andesite outcrops 25 metres south of line 199N at 199+60E, but this was the only mineralisation seen in this area. A grab sample from the outcrop (#107454) assayed 4,862ppm Cu and 31ppb Au.

The quartz-carbonate veins hosting the copper-gold mineralisation outcrop in an area exposed by shallow bulldozer trenching at the western side of the grid between lines 197N and 199N. Sampling in 1985 revealed gold contents of 950ppb to 2550ppb Au. The 'veins' strike just east of north and are fracture controlled. They are irregular, intermittent and narrow, rarely attaining 30 cms in width. They cut dark, fine grained, weakly to moderately propylitised (epidote carbonate) andesite. Mineralisation consists of erratically disseminated chalcopyrite, malachite, minor azurite, and pyrite.

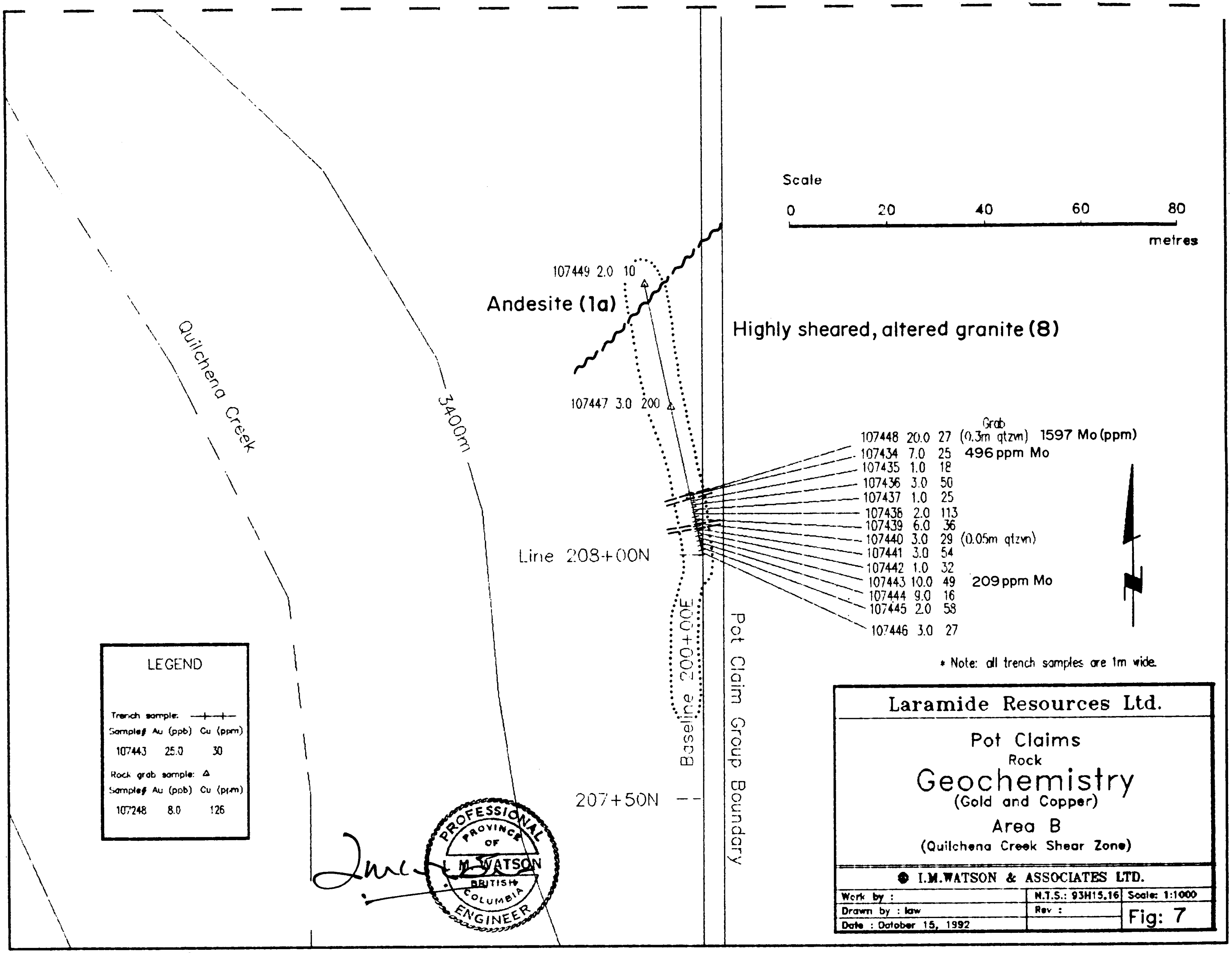
Representative grab samples were taken from mineralised outcrop over a distance of 200 metres. The analyses confirmed the presence of gold, although the highest analysis obtained was only 729ppb (107403). This sample also contained the most copper (4937ppm).

Only one soil sample in this area contained more than 100ppm Cu.

Gold content in soils is weak throughout the grid 'A' area. Weakly elevated values occur in the immediate area of the showings (34, 13ppb Au) and there is a scattering of slightly higher contents (>10ppb Au) in the southern half of the grid, with highest values (up to 45ppb) and greatest density along the eastern half of line 194N.

7.2 Reconnaissance Grid Lines and Areas B, C (Figures 5, 7, 8)

The widely spaced reconnaissance lines were intended as a preliminary test of the area containing the northeasterly trending lineament/fault and the axis of the


Scale
0 20 40 60 80
metres
107449 2.0 10
Andesite (1a)
Highly sheared, altered granite (8)
Quilchena Creek
3400m
107447 3.0 200
Grab
107448 20.0 27 (0.3m qtzvn) 1597 Mo (ppm)
107434 7.0 25 496 ppm Mo
107435 1.0 18
107436 3.0 50
107437 1.0 25
107438 2.0 113
107439 6.0 36
107440 3.0 29 (0.05m qtzvn)
107441 3.0 54
107442 1.0 32
107443 10.0 49 209 ppm Mo
107444 9.0 16
107445 2.0 58
107446 3.0 27
Line 208+00N
Baseline 200+00E
Pot Claim Group Boundary
207+50N
* Note: all trench samples are 1m wide.
LEGEND
Trench sample:
Sample# Au (ppb) Cu (ppm)
107443 25.0 30
Rock grab sample: △
Sample# Au (ppb) Cu (ppm)
107248 8.0 126
PROFESSIONAL
PROVINCE OF
I. M. WATSON
BRITISH COLUMBIA
ENGINEER
Laramide Resources Ltd.
Pot Claims
Rock
Geochemistry
(Gold and Copper)
Area B
(Quilchena Creek Shear Zone)
I.M.WATSON & ASSOCIATES LTD.
Work by :
Drawn by : law
Date : October 15, 1992
N.T.S.: 93H15,16
Rev :
Scale: 1:1000
Fig: 7

roughly parallel airborne magnetic high.

The sample lines cross open rolling grassland. Outcrop is confined to hilltops in the west central part of the POT 22 claim. Apart from weak copper responses in the soils immediately adjacent to sparse copper mineralisation in andesite outcrops in the central and western part of Line 240N, no significant concentrations of copper or gold were detected.

The mineralized andesites were sampled (Area C, Figure 8). Analyses reflect the erratic sparse nature of the sulphide mineralisation (chalcopyrite, pyrite). The highest copper content is 359ppm Cu.

While examining and sampling outcrop on the POT claims, a large (approx. 100 metres long) bulldozer trench was found along the steep bank east of Quilchena Creek, on the eastern boundary of the POT 3 claim (Area B, Figure 8). Tree growth in the trench indicates that it is 20 to 30 years old. The trench partially exposes a major north-northeasterly trending fault zone in highly altered intensely sheared granite, believed to be part of the Pennask batholith. At the northern end of the exposure the granite is in faulted contact with highly altered and sheared andesite.

Continuous 1-metre chip samples of the granite were taken along a 15-metre trench wall. Two small irregular quartz veins, steeply dipping and with an easterly strike, cut the sheared granite. Neither contained any visible mineralisation. The granite/shear zone samples contain no significant base metal or gold content, but show weak molybdenum concentrations up to 496ppb Mo. The large quartz vein contains 1597ppm Mo and 20ppb Au. Overburden conceals the shear zone to the east and west.

8.0 SUMMARY

The geochemical survey of the POT claim has not identified a target for further work. The gold-copper showings on the POT 1 claim appear to be restricted to a small area, have no potential grade or size, and there is no geochemical response to indicate continuation beyond the area of exposure.

Reconnaissance traverses over the central and northern parts of the claim group likewise failed to provide any encouragement. The few weak copper showings have no potential in themselves and there is no geochemical response from the soils to indicate an overburden-covered source. This may be in part a function of depth of overburden over much of the central part of the claim group.

The major shear zone in Pennask granites along Quilchena Creek in the southeast corner of the POT 3 claim presents an attractive potential target for Fairfield Resources Elk property type targets (gold quartz vein). However, although two small quartz veins occur within the shear, and the structure appears to strike favourably into Laramide ground both to the northeast and to the southwest, the lack of any significant assays and the abrupt increase in overburden along strike makes this a high risk/cost exploration target.

The results of the 1992 work do not warrant further work.

9.0 STATEMENT OF COSTS - POT GROUP

Line Cutting/Geochemical Soil and Rock Sampling
May 5 - May 28, 1992

Salaries:		
L. Kiss, Prospector (May 5-20,25) 19 days @ $200.00/day	$ 3,800.00	
I. Saunders, Prospector (May 5-18) 14 days @ $200.00/day	2,800.00	
E. Saunders, Field Assistant (May 5-14,19,20) 12 days @ $130.00/day	1,560.00	
L. Westervelt, Geologist (May 5-8,15,25-28) 8.25 days @ $185.00/day	1,526.25	
I.M. Watson, Consulting Geologist (May 5-8,17,26, June 19) 7 days @ $425.00/day	2,975.00	$ 12,661.25
Accommodation and board		1,983.92
Telephone, freight, etc.		501.80
Vehicle rental (Toyota L/C 4x4) 24 days @ $55.00/day		1,320.00
Fuel		173.49
Equipment purchases		1,211.01
Geochemical analyses (Acme Analytical Labs)		3,368.75
Computer/plotter rental 11.0 hrs. @ $40.00/hour		440.00
	TOTAL	$ 21,660.22

I.M. Watson, B.Sc., P.Eng.

10.0 CERTIFICATE OF QUALIFICATIONS

I, **Ivor Moir Watson**, of 584 East Braemar Road, North Vancouver, British Columbia, hereby certify that:

1. I am a consulting geologist with offices at 904 - 675 West Hastings Street, Vancouver, B.C.

2. I am a graduate of the University of St. Andrews, Scotland (B.Sc. Geology 1955).

3. I have practised my profession continuously since graduation.

4. I am a member in good standing of the Association of Professional Engineers of B.C.

5. Work on the POT Group was carried out between May 5 and May 28, 1992 by the following personnel working under my supervision during the periods noted:

L. Westervelt	- Geologist	May 5-8, 15, 25-28, 1992
L. Kiss	- Prospector	May 5-22, 25, 1992
I. Saunders	- Prospector	May 5-18, 1992
E. Saunders	- Field Assistant	May 5-14, 19, 20, 1992

PROFESSIONAL ENGINEER — PROVINCE OF BRITISH COLUMBIA — I. M. WATSON

October 15, 1992
Vancouver, B.C.

I.M. Watson, B.Sc., P.Eng.

11.0 REFERENCES

Barr, D.A., Fox, P.E., Northcote, K.E., and Preto, V.A., 1976. The Alkaline Porphyry Deposits. A Summary in CIM Special Vol. No. 15.

Dawson, James M., 1986. Report on the Au Property; for Algo Resources Limited.

Freeze, J.C. and Glen E. White, 1986. Geological-Geophysical Report on Au Claims, Aspen Grove Area; Assessment Report 16,008.

McGoran, J., 1979. Prospecting Report on the Au#1 Claim; Private Report to Invex Resources Ltd.

_______, 1979. Prospecting Report on the Au#1 to Au#5 Claims; Private Report to Invex Resources Ltd.

Monger, J.W.H., 1985. Structural Evolution of the South-western Intermontane Belt, Ashcroft and Hope Map Areas, B.C. GSC Paper 85-1A pp. 349-358.

Mortimer, N., 1987. The Nicola Group: Late Triassic and Early Jurassic subduction related volcanism in B.C. Can. Jour. Earth Sc. Vol. 24 No. 12 pp 2,521-2,536.

Preto, V.A., 1973. Preliminary Map No. 15, Geology of Aspen Grove Area. British Columbia Mines and Petroleum Resources.

Preto, V.A., 1979. Geology of the Nicola Group Between Merritt and Princeton. Bulletin No. 69. British Columbia Mines Energy and Petroleum Resources.

Watson, I.M.,1985. Reconnaissance Geological and Geochemical Survey, Magnetometer Survey, Snowflake A & B Claims for J.M. Dawson and Laramide Resources Ltd.

Appendix I

Certificates of Analyses

ACME ANALYTICAL LABORATORIES LTD. 852 E. HASTINGS ST. VANCOUVER B.C. V6A 1R6 PHONE(604)253-3158 FAX(604)253-1716

GEOCHEMICAL ANALYSIS CERTIFICATE

I.M. Watson & Assoc. Ltd. File # 92-1028 Page 1

904 - 675 W. Hastings St., Vancouver BC V6B 1N2

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	Au* ppb
200+00N 194+00E	1	75	5	72	.1	23	11	761	3.27	9	5	ND	2	49	.2	2	2	57	.75	.064	8	24	.33	273	.14	4	2.88	.03	.32	1	3.4
200+00N 194+25E	1	90	4	69	.1	26	12	684	3.60	11	5	ND	2	52	.2	2	2	66	.81	.066	8	26	.56	255	.14	4	2.93	.03	.33	1	7.4
200+00N 194+50E	1	71	6	92	.1	21	11	850	3.20	7	5	ND	2	40	.3	2	2	59	.46	.094	4	35	.54	152	.17	3	2.61	.03	.19	1	3.2
200+00N 194+75E	1	55	6	96	.2	22	10	868	2.70	5	5	ND	2	40	.4	2	2	48	.58	.132	4	31	.56	200	.14	4	2.10	.03	.28	1	1.8
200+00N 195+00E	1	57	8	77	.1	36	13	647	3.54	9	5	ND	2	44	.4	2	2	67	.59	.082	5	49	.92	208	.18	4	2.56	.03	.33	1	1.7
200+00N 195+25E	1	37	5	94	.1	28	9	775	2.68	3	5	ND	2	46	.2	2	2	50	.60	.085	6	35	.48	268	.15	4	2.19	.03	.35	1	1.8
200+00N 195+50E	1	38	7	73	.1	40	11	536	3.35	2	5	ND	2	46	.6	2	2	58	.66	.028	7	46	.70	195	.18	3	2.64	.03	.29	1	2.7
200+00N 195+75E	1	29	5	90	.1	22	8	602	2.73	3	5	ND	2	38	.2	2	2	49	.44	.042	4	28	.31	202	.17	3	2.22	.03	.22	1	.9
200+00N 196+00E	1	59	8	136	.1	72	16	596	4.18	3	5	ND	3	44	.2	2	2	84	.79	.055	9	78	1.53	188	.23	4	2.56	.03	.36	1	.7
200+00N 196+25E	1	93	7	74	.1	27	13	495	4.30	13	5	ND	2	47	.2	2	2	84	.63	.045	5	36	.61	206	.15	4	2.51	.03	.20	1	3.1
RE 200+00N 197+50E	1	27	3	103	.1	35	13	595	2.87	3	5	ND	1	38	.2	2	2	52	.44	.133	2	71	1.04	195	.17	3	2.08	.04	.15	1	1.2
200+00N 196+50E	1	54	3	136	.2	95	22	802	4.83	7	5	ND	5	31	.2	2	2	84	1.32	.103	11	105	2.70	217	.19	4	2.64	.02	.46	1	.9
200+00N 196+75E	1	62	6	95	.1	22	9	744	3.15	8	5	ND	2	41	.2	2	2	51	.65	.069	4	26	.33	254	.14	7	2.55	.03	.33	1	1.9
200+00N 197+00E	1	54	6	97	.1	22	9	693	3.10	6	5	ND	2	42	.3	2	2	56	.48	.053	4	26	.33	249	.16	4	2.32	.03	.23	1	2.1
200+00N 197+25E	1	131	5	128	.2	38	25	870	5.61	2	5	ND	2	54	.9	2	2	105	.86	.100	2	36	2.15	132	.28	3	2.95	.02	.30	1	2.0
200+00N 197+50E	1	27	4	103	.1	36	13	589	2.92	5	5	ND	2	38	.2	2	2	55	.44	.132	2	75	1.04	194	.18	3	2.07	.04	.14	1	.7
200+00N 197+75E	1	140	5	85	.1	29	21	581	4.88	3	5	ND	1	66	.5	2	2	90	.84	.035	2	73	1.16	91	.25	7	2.62	.02	.36	1	1.9
200+00N 198+00E	1	170	6	98	.3	37	27	864	4.66	7	5	ND	2	44	.2	2	2	83	.66	.039	2	62	1.65	123	.29	3	3.33	.03	.30	1	2.3
200+00N 198+25E	1	106	4	139	.2	22	18	1063	3.32	4	5	ND	3	33	.2	2	2	58	.43	.128	2	41	.91	183	.20	3	2.44	.04	.12	1	.7
200+00N 198+50E	1	119	3	152	.1	27	25	1304	5.00	3	5	ND	3	69	.2	2	2	99	.77	.086	2	29	2.10	176	.28	3	2.64	.02	.40	1	2.3
200+00N 198+75E	1	99	4	99	.1	30	19	811	4.62	5	5	ND	3	83	.6	2	2	95	.90	.058	2	35	1.45	125	.27	4	2.93	.03	.30	1	1.2
200+00N 199+00E	1	237	7	80	.3	37	31	740	5.40	9	5	ND	2	65	.2	2	2	87	.92	.034	2	50	1.34	129	.19	4	3.06	.03	.14	8	4.2
200+00N 199+25E	1	163	6	146	.3	25	26	1125	3.73	7	5	ND	2	83	.7	2	2	69	.77	.091	2	25	.87	145	.20	4	2.25	.03	.12	1	2.4
200+00N 199+50E	1	137	4	154	.3	29	24	1210	3.28	8	5	ND	2	92	.3	2	2	59	.70	.214	2	26	.65	172	.16	6	2.35	.03	.11	1	1.2
200+00N 199+75E	1	77	6	102	.2	20	14	1103	2.58	6	5	ND	2	52	.4	2	2	50	.62	.183	3	22	.56	166	.16	4	2.08	.03	.11	1	1.5
199+00N 193+50E	1	78	3	63	.2	19	8	425	2.20	4	5	ND	1	137	.4	2	2	43	3.85	.106	5	23	.81	165	.09	13	1.73	.03	.21	1	1.7
199+00N 193+75E	1	38	3	61	.1	19	7	495	2.34	4	5	ND	1	76	.6	2	2	42	.85	.066	5	27	.30	160	.14	12	1.98	.03	.38	1	3.4
199+00N 194+00E	1	64	5	53	.1	19	7	347	2.47	4	5	ND	1	65	.2	2	2	44	.74	.041	6	26	.50	113	.14	10	2.21	.03	.27	1	2.1
199+00N 194+25E	1	52	6	53	.1	22	8	457	2.49	6	5	ND	1	57	.2	2	2	47	.77	.030	5	29	.38	139	.15	11	1.89	.03	.34	1	1.0
199+00N 194+50E	1	29	5	49	.1	15	7	536	2.31	3	5	ND	2	39	.3	2	2	44	.48	.029	4	27	.27	118	.16	5	1.84	.04	.28	1	3.2
199+00N 194+75E	1	66	5	86	.1	31	10	613	3.05	7	5	ND	2	51	.3	2	2	57	.64	.069	7	42	.60	206	.16	7	2.12	.03	.38	1	2.0
199+00N 195+00E	1	68	6	97	.1	34	11	478	3.43	12	5	ND	2	44	.3	2	2	66	.56	.076	7	37	.58	191	.16	5	2.60	.03	.30	1	4.4
199+00N 195+25E	1	73	3	65	.1	23	12	590	3.03	7	5	ND	2	44	.2	2	2	57	.80	.068	6	31	.93	158	.16	4	2.65	.04	.22	1	6.6
199+00N 195+50E	1	59	2	57	.1	21	9	551	2.40	7	5	ND	2	89	.4	2	2	47	4.27	.069	6	24	.67	216	.11	9	1.57	.03	.24	1	10.2
199+00N 195+75E	1	33	4	37	.1	18	8	487	2.41	2	5	ND	2	49	.2	2	2	50	.73	.024	6	29	.31	149	.16	4	1.77	.03	.22	1	4.3
199+00N 196+00E	1	47	6	55	.1	20	11	592	3.01	4	5	ND	2	32	.2	2	2	54	.51	.024	2	29	.60	133	.18	4	2.69	.03	.21	1	1.8
199+00N 196+25E	1	70	5	118	.1	16	9	642	3.11	3	5	ND	1	46	.2	2	2	53	.75	.047	2	29	.50	148	.16	8	2.00	.03	.32	1	.9
STANDARD G-1	-	-	-	-	-	-	-	-	-	-	-	ND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	.3
STANDARD C/AU-S	18	62	36	132	6.7	70	32	1041	3.96	42	19	7	38	53	17.2	14	22	57	.48	.090	36	55	.89	176	.09	33	1.88	.07	.15	12	47.3

ICP - .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 SR CA P LA CR MG BA TI B W AND LIMITED FOR NA K AND AL. AU DETECTION LIMIT BY ICP IS 3 PPM.
ASSAY RECOMMENDED FOR ROCK AND CORE SAMPLES IF CU PB ZN AS > 1%, AG > 30 PPM & AU > 1000 PPB
- SAMPLE TYPE: P1 TO P5 SOIL P6 ROCK AU* ANALYSIS BY ACID LEACH/AA FROM 10 GM SAMPLE.
Samples beginning 'RE' are duplicate samples.

May 14/92

SAMPLE#	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Au*
	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppb
199+00N 196+50E	1	38	2	121	.1	73	15	499	3.95	3	5	ND	3	37	.2	2	2	82	.53	.052	6	96	1.41	129	.20	4	2.46	.03	.31	1	.7
199+00N 196+75E	1	68	2	109	.2	103	24	741	5.48	4	5	ND	4	55	.2	2	2	83	4.78	.113	15	71	.67	105	.06	10	1.53	.02	.23	1	2.3
199+00N 197+25E	1	33	2	81	.1	39	12	273	3.32	2	5	ND	3	35	.2	2	2	80	.49	.046	9	42	.91	123	.20	2	2.02	.02	.24	1	.1
199+00N 197+50E	1	23	2	72	.1	24	7	330	2.61	3	5	ND	2	38	.2	2	2	53	.39	.042	4	38	.51	152	.16	3	1.71	.03	.18	1	.1
199+00N 197+75E	1	56	2	75	.1	21	9	650	2.49	6	5	ND	2	46	.2	2	2	51	.51	.085	3	32	.50	184	.16	4	2.09	.03	.17	1	1.3
199+00N 198+00E	1	90	2	72	.1	36	18	821	4.00	5	5	ND	2	62	.5	2	2	82	.84	.059	2	38	1.69	145	.24	3	2.34	.03	.18	1	3.5
199+00N 198+25E	1	286	2	58	.3	53	14	517	2.75	5	5	ND	1	41	.2	2	2	57	.64	.046	3	64	1.36	103	.17	3	2.47	.04	.15	1	.8
199+00N 198+50E	1	96	2	95	.1	48	19	1024	3.18	4	5	ND	3	38	.2	2	2	62	.43	.096	3	67	1.31	210	.19	2	2.85	.03	.19	2	.1
199+00N 198+75E	1	83	2	113	.1	24	18	1140	3.47	8	5	ND	2	50	.2	2	2	68	.54	.226	3	45	1.20	248	.19	2	2.53	.03	.23	1	.1
199+00N 199+00E	1	93	2	98	.1	20	16	764	3.51	6	5	ND	2	33	.2	2	2	71	.40	.144	3	38	1.29	113	.21	2	3.18	.03	.15	1	1.6
199+00N 199+25E	1	226	2	60	.2	21	15	576	2.80	6	5	ND	2	48	.2	2	2	59	.63	.063	2	24	.97	97	.18	3	2.30	.03	.12	1	1.8
199+00N 199+50E	1	180	6	53	.3	17	11	691	2.44	9	5	ND	1	53	.2	2	2	54	.82	.054	5	29	.59	153	.12	6	2.40	.03	.12	1	3.6
199+00N 199+75E	1	93	2	76	.1	26	18	659	3.78	11	5	ND	2	101	.2	2	2	75	.94	.063	5	40	1.39	293	.20	5	3.32	.03	.17	2	2.0
199+00N 200+00E	1	174	4	71	.2	33	19	849	3.79	11	5	ND	2	77	.4	2	2	84	.97	.059	5	32	1.66	164	.19	6	2.57	.03	.23	1	2.5
198+00N 193+50E	1	46	2	63	.1	27	15	575	3.38	6	5	ND	2	78	.2	2	2	63	.77	.061	5	55	.90	146	.18	4	2.75	.03	.12	1	6.5
198+00N 193+75E	1	131	2	85	.1	25	14	876	3.28	8	5	ND	3	49	.2	2	2	64	.57	.060	4	49	.75	160	.17	5	2.50	.02	.19	1	33.9
198+00N 194+25E	1	93	2	66	.1	38	15	576	3.56	8	5	ND	2	63	.3	2	2	76	1.00	.076	6	55	1.12	122	.18	4	2.04	.03	.29	1	15.5
198+00N 194+50E	1	54	4	80	.1	28	12	770	3.14	7	5	ND	3	61	.2	2	2	63	.72	.057	7	39	.56	190	.16	7	2.23	.02	.46	1	3.2
198+00N 194+75E	1	32	3	67	.1	21	10	551	2.94	5	5	ND	3	48	.2	2	2	52	.50	.044	7	31	.51	145	.18	3	2.70	.03	.19	1	3.8
198+00N 195+00E	1	49	4	122	.1	30	19	1304	3.91	5	5	ND	3	43	.2	2	2	72	.57	.169	2	57	1.35	221	.22	4	2.76	.02	.23	1	2.2
198+00N 195+25E	1	26	2	66	.2	32	23	406	5.50	2	5	ND	2	47	.2	2	2	112	.81	.106	3	74	1.49	58	.24	3	2.09	.02	.14	1	6.2
RE 198+00N 194+25E	1	88	2	63	.1	37	15	549	3.50	8	5	ND	2	62	.2	2	3	76	.96	.075	5	53	1.01	119	.18	4	1.96	.03	.27	1	11.6
198+00N 195+50E	1	52	2	70	.1	24	15	569	3.71	5	5	ND	3	41	.2	2	2	72	.57	.047	4	36	1.03	113	.22	4	2.51	.02	.35	1	6.0
198+00N 195+75E	1	70	3	102	.1	27	21	1008	4.76	3	5	ND	3	38	.2	2	2	94	.52	.115	2	32	1.83	106	.22	3	2.58	.02	.13	1	4.4
198+00N 196+00E	1	64	6	91	.1	22	19	953	4.40	6	5	ND	4	57	.5	2	2	99	.69	.081	7	28	.92	212	.19	4	2.75	.02	.22	1	1.3
198+00N 196+25E	1	113	2	129	.1	22	16	1173	3.30	4	5	ND	3	34	.2	2	2	64	.45	.149	2	41	.96	210	.18	3	2.37	.03	.11	1	1.0
198+00N 196+50E	1	100	7	87	.2	26	17	896	4.12	3	5	ND	3	44	.6	2	2	85	.72	.040	5	43	1.00	161	.21	4	3.50	.03	.19	1	7.3
198+00N 197+00E	3	137	14	109	.2	44	25	620	6.42	34	5	ND	2	37	.2	2	2	132	1.37	.075	4	75	1.62	260	.21	8	2.49	.01	.87	1	9.7
198+00N 197+25E	1	64	2	68	.1	63	15	424	3.86	2	5	ND	3	48	.5	2	2	76	.66	.047	10	78	1.36	126	.19	3	1.92	.03	.41	1	2.2
198+00N 197+50E	1	30	3	55	.1	39	11	393	3.37	3	5	ND	3	32	.2	2	2	58	.52	.029	10	47	.52	193	.11	4	1.62	.02	.26	1	1.9
198+00N 197+75E	1	29	4	91	.1	68	19	550	4.11	4	5	ND	5	35	.3	2	2	65	.62	.054	7	99	1.99	143	.16	3	2.14	.02	.33	1	.5
198+00N 198+00E	1	46	2	64	.2	20	9	612	2.25	6	5	ND	3	43	.2	2	2	44	.47	.137	4	27	.38	194	.13	4	1.91	.03	.17	1	1.4
198+00N 198+25E	1	67	3	63	.2	24	10	361	2.67	5	5	ND	2	38	.2	2	2	48	.46	.034	5	32	.53	142	.16	3	2.45	.03	.15	1	1.6
198+00N 198+50E	1	73	4	83	.1	28	13	669	3.08	10	5	ND	2	51	.6	2	3	60	.69	.085	4	41	.92	212	.17	4	2.80	.03	.28	1	1.2
198+00N 198+75E	1	70	4	96	.3	20	11	919	2.48	5	5	ND	2	51	.5	2	2	48	.78	.161	5	28	.55	207	.14	4	2.36	.03	.24	1	1.3
198+00N 199+00E	1	75	2	83	.1	32	18	767	3.84	6	5	ND	2	67	.5	2	2	81	.82	.076	4	68	1.65	180	.21	3	3.64	.03	.53	2	2.2
198+00N 199+25E	1	85	2	75	.2	22	12	924	2.74	8	5	ND	1	75	.5	2	2	55	1.18	.124	8	24	.53	238	.12	6	2.51	.03	.24	1	2.4
STANDARD G-1	-	-	-	-	-	-	-	-	-	-	-	ND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	.2
STANDARD C/AU-S	18	63	38	132	7.0	72	33	1039	3.95	38	18	6	40	52	17.1	16	23	57	.48	.090	37	59	.88	177	.09	33	1.89	.08	.15	12	46.2

Sample type: SOIL. Samples beginning 'RE' are duplicate samples.

ACME ANALYTICAL

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	Au* ppb
198+00N 199+50E	1	57	7	57	.1	22	12	537	2.94	9	5	ND	1	67	.4	2	2	59	.72	.048	7	26	.59	169	.16	4	2.56	.03	.22	2	3.9
198+00N 199+75E	1	157	4	41	.2	15	8	481	2.15	8	5	ND	1	115	.2	2	2	40	.97	.043	4	23	.56	95	.12	6	1.81	.03	.25	1	2.8
198+00N 200+00E	1	52	5	54	.1	22	12	720	2.71	8	5	ND	1	65	.3	2	2	55	.62	.083	5	27	.59	168	.15	3	2.31	.03	.25	1	3.4
197+00N 193+50E	1	23	5	53	.1	18	10	424	2.61	6	5	ND	1	45	.2	2	2	48	.45	.031	4	28	.31	171	.15	7	2.13	.03	.23	1	2.2
197+00N 193+75E	1	47	3	43	.1	18	10	459	2.38	3	5	ND	1	105	.2	2	2	41	2.53	.040	6	22	.60	176	.11	17	1.68	.03	.27	1	2.9
197+00N 194+50E	1	17	4	75	.1	25	18	694	3.79	4	5	ND	2	132	.6	2	2	66	.83	.040	5	49	.64	167	.18	7	3.25	.02	.18	2	3.3
197+00N 194+75E	1	19	7	59	.1	17	10	461	2.70	4	5	ND	1	47	.2	2	2	47	.45	.039	3	31	.37	131	.16	4	2.22	.02	.18	1	3.7
197+00N 195+00E	1	35	3	58	.1	20	10	642	2.58	2	5	ND	2	54	.3	2	2	50	.57	.031	6	29	.40	162	.16	4	1.87	.02	.23	2	4.3
197+00N 195+25E	1	28	4	74	.1	18	9	444	2.57	4	5	ND	1	43	.2	2	2	47	.44	.037	4	24	.29	179	.17	4	2.12	.03	.18	1	2.0
197+00N 195+50E	1	28	3	59	.1	17	9	415	2.67	5	5	ND	2	44	.2	2	2	49	.50	.035	4	25	.31	159	.16	4	2.02	.02	.19	1	4.3
197+00N 195+75E	1	34	2	49	.1	19	11	381	2.91	4	5	ND	1	48	.2	2	2	55	.61	.035	6	25	.44	140	.18	5	2.42	.03	.25	1	1.2
197+00N 196+00E	1	44	7	55	.1	23	14	380	3.42	7	5	ND	2	52	.4	2	2	65	.65	.038	8	29	.62	164	.21	3	3.46	.03	.18	2	1.5
197+00N 196+25E	1	37	7	69	.1	21	12	521	3.37	11	5	ND	2	50	.3	2	2	61	.57	.053	6	25	.54	169	.20	3	3.35	.03	.18	2	.6
197+00N 197+00E	1	45	6	94	.1	26	16	880	3.99	8	5	ND	2	58	.2	2	2	70	.72	.071	7	35	.79	224	.20	3	3.26	.03	.25	1	1.9
197+00N 197+25E	1	38	5	61	.1	20	12	527	3.05	9	5	ND	2	51	.2	2	2	56	.59	.061	8	24	.54	165	.17	2	2.99	.03	.20	1	.3
197+00N 197+50E	1	40	8	74	.2	23	13	677	3.23	8	5	ND	2	59	.2	2	2	59	.72	.065	9	25	.60	200	.19	4	3.26	.03	.32	1	1.3
197+00N 197+75E	1	41	6	58	.1	22	12	689	3.10	6	5	ND	4	53	.2	2	2	61	.64	.035	6	29	.56	162	.18	4	2.26	.03	.31	1	1.4
197+00N 198+00E	1	30	4	64	.1	22	10	676	2.85	6	5	ND	2	51	.2	2	2	55	.63	.048	5	31	.50	178	.17	4	2.04	.03	.36	1	1.5
196+00N 195+00E	1	42	4	69	.1	19	11	604	3.14	6	5	ND	2	53	.2	2	2	59	.66	.046	7	27	.50	176	.18	4	2.26	.02	.32	1	7.6
196+00N 195+25E	1	43	5	53	.1	24	12	657	3.28	2	5	ND	1	52	.2	2	2	66	.65	.037	5	35	.57	157	.19	3	2.16	.03	.22	1	1.0
196+00N 195+50E	1	37	6	52	.1	24	12	526	3.03	3	5	ND	1	56	.2	2	2	60	.71	.091	6	36	.58	130	.16	4	2.07	.03	.31	1	2.8
196+00N 195+75E	1	52	2	59	.1	28	12	580	2.99	4	5	ND	1	63	.3	2	2	63	.84	.113	6	36	.63	156	.14	3	1.95	.03	.28	2	43.1
196+00N 196+00E	1	49	4	71	.2	22	11	724	2.64	5	5	ND	1	67	.2	2	2	49	.96	.095	7	28	.51	204	.13	4	2.48	.03	.28	1	1.2
196+00N 196+25E	1	80	6	78	.1	19	13	937	3.23	6	5	ND	1	56	.2	2	2	62	.87	.106	7	26	.57	177	.15	4	2.76	.03	.31	1	14.5
196+00N 196+50E	1	58	6	76	.2	23	12	825	2.78	7	5	ND	1	76	.2	2	2	50	.98	.103	8	25	.58	216	.13	4	2.43	.03	.38	1	2.2
196+00N 196+75E	1	57	7	75	.1	28	15	782	3.79	6	5	ND	2	63	.2	2	2	68	.77	.070	8	33	.76	172	.18	4	3.25	.02	.44	1	2.5
196+00N 197+00E	1	142	5	111	.2	19	14	1135	3.52	6	5	ND	2	44	.2	2	2	67	.70	.112	6	25	.59	178	.17	4	3.03	.03	.18	1	27.3
196+00N 197+25E	1	62	7	103	.2	22	15	1236	3.72	11	5	ND	3	49	.2	2	2	65	.67	.073	8	30	.54	436	.16	4	3.24	.02	.25	1	2.1
196+00N 197+50E	1	57	7	76	.3	24	13	690	3.46	6	5	ND	2	52	.4	2	2	65	.68	.066	8	34	.59	200	.18	3	2.91	.03	.29	1	8.3
196+00N 197+75E	1	40	5	65	.2	24	13	513	3.47	7	5	ND	2	48	.2	2	2	63	.61	.059	8	33	.57	190	.20	3	2.97	.03	.31	1	2.7
196+00N 198+00E	1	35	6	68	.1	21	11	817	2.60	5	5	ND	2	56	.2	2	2	46	.63	.067	7	26	.36	222	.15	3	2.30	.03	.26	1	.7
RE 196+00N 197+25E	1	63	7	110	.2	23	16	1325	3.79	9	5	ND	3	51	.4	2	2	64	.72	.077	9	30	.55	425	.16	4	3.43	.02	.26	2	1.0
196+00N 198+25E	1	35	5	70	.2	24	11	627	2.88	7	5	ND	1	53	.3	2	2	49	.62	.132	7	26	.49	249	.15	3	2.58	.03	.34	1	.1
196+00N 198+50E	1	53	5	70	.2	25	13	618	3.31	5	5	ND	2	66	.2	2	2	62	.77	.059	9	29	.60	170	.19	3	2.53	.03	.36	1	.7
196+00N 198+75E	1	67	4	65	.3	24	14	749	3.53	10	5	ND	2	63	.2	2	2	69	.92	.073	8	28	.68	182	.17	3	2.67	.03	.36	1	4.7
196+00N 199+00E	1	49	6	73	.3	26	14	789	3.59	10	5	ND	1	59	.2	2	2	69	.72	.104	9	33	.61	172	.17	3	2.97	.02	.26	1	2.4
196+00N 199+25E	1	121	3	75	.3	51	16	817	3.07	8	5	ND	1	54	.2	2	2	59	1.22	.097	5	44	1.11	183	.14	4	2.81	.03	.32	1	10.2
STANDARD G-1	-	-	-	-	-	-	-	-	-	-	-	ND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	.2
STANDARD C/AU-S	17	63	38	130	7.0	68	32	1028	3.93	41	19	6	37	52	17.3	15	21	56	.48	.090	36	59	.87	175	.09	32	1.86	.07	.15	11	46.3

Sample type: SOIL. Samples beginning 'RE' are duplicate samples.

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	Au* ppb
196+00N 199+50E	1	50	5	56	.1	24	10	568	2.76	9	5	ND	2	69	.4	2	2	55	.94	.060	8	27	.59	160	.15	3	2.04	.03	.33	1	5.3
196+00N 199+75E	1	47	5	94	.1	23	11	544	3.01	11	5	ND	2	115	1.2	2	2	55	.89	.098	6	26	.63	163	.17	4	2.88	.03	.30	1	4.8
196+00N 200+00E	1	54	4	79	.2	19	10	758	2.59	15	5	ND	1	80	.5	2	2	50	.90	.088	7	24	.32	212	.12	4	2.38	.03	.29	1	3.0
195+00N 195+00E	1	53	2	58	.1	20	10	516	3.01	2	6	ND	3	56	.6	2	2	58	.71	.044	8	28	.58	126	.18	3	2.05	.02	.36	1	3.1
195+00N 195+25E	1	38	3	56	.1	19	9	566	2.73	5	5	ND	3	52	.5	2	2	54	.59	.032	7	27	.36	155	.18	3	1.96	.03	.27	1	1.7
195+00N 195+50E	1	33	3	59	.1	18	8	507	2.91	4	5	ND	3	50	.6	2	2	56	.55	.033	5	27	.31	150	.19	3	2.12	.03	.21	1	1.7
195+00N 195+75E	1	30	3	53	.1	18	8	424	2.70	3	5	ND	2	44	.2	2	2	53	.50	.034	5	26	.29	125	.18	2	1.99	.03	.25	1	1.7
195+00N 196+00E	1	38	5	72	.1	19	9	757	2.64	4	5	ND	2	46	.5	2	2	48	.56	.045	6	23	.28	179	.16	3	2.24	.03	.28	1	7.8
195+00N 196+25E	1	40	5	63	.1	21	9	481	2.56	6	5	ND	2	47	.5	2	2	47	.56	.045	7	25	.36	164	.16	3	2.23	.03	.23	1	10.4
195+00N 197+00E	1	16	5	26	.1	10	5	220	1.31	12	5	ND	1	22	.2	2	2	20	.28	.021	2	15	.21	78	.08	2	1.03	.01	.16	1	2.6
195+00N 197+25E	1	67	5	77	.1	26	14	935	3.51	5	5	ND	3	57	.8	2	2	62	.85	.060	6	35	.67	145	.18	7	2.81	.02	.36	1	5.6
195+00N 197+50E	1	84	4	73	.1	33	14	800	3.55	6	5	ND	2	64	.4	2	2	72	.90	.075	9	36	.84	168	.17	3	2.67	.03	.37	1	5.2
195+00N 198+00E	1	128	4	66	.2	28	17	736	3.88	8	5	ND	3	61	.9	2	2	71	1.08	.092	6	39	.98	135	.16	4	2.64	.03	.41	1	12.6
195+00N 198+25E	1	80	3	68	.1	26	14	813	3.39	6	5	ND	2	60	.6	2	2	64	.83	.076	8	36	.69	184	.18	4	2.83	.03	.33	2	8.0
RE 195+00N 199+50E	1	59	2	54	.1	27	11	543	2.98	6	5	ND	1	106	.2	2	2	62	1.20	.089	8	29	1.05	123	.16	3	1.78	.06	.30	1	5.9
195+00N 198+50E	1	49	4	71	.1	23	11	732	2.75	3	5	ND	2	56	.4	2	2	48	.74	.090	8	25	.51	187	.15	4	2.33	.03	.41	1	4.4
195+00N 198+75E	1	50	3	62	.1	26	11	592	3.11	2	5	ND	3	64	.2	2	2	60	.67	.047	9	29	.67	132	.18	3	2.20	.03	.34	2	3.7
195+00N 199+00E	1	47	2	53	.1	25	10	549	2.73	3	5	ND	2	63	.3	2	2	52	.68	.054	7	25	.70	119	.15	5	1.76	.03	.36	1	3.8
195+00N 199+25E	1	54	6	67	.1	28	12	590	3.33	4	5	ND	3	81	.2	2	2	67	.76	.084	9	31	.94	111	.17	5	2.07	.04	.39	1	4.2
195+00N 199+50E	1	62	3	56	.1	29	11	572	3.13	6	5	ND	2	112	.2	2	2	67	1.27	.093	9	31	1.09	126	.17	4	1.85	.06	.32	2	4.9
195+00N 199+75E	1	125	3	63	.1	43	19	1404	4.51	8	5	ND	3	53	.6	2	2	94	.79	.085	6	43	1.10	198	.15	3	2.37	.03	.20	2	11.2
195+00N 200+00E	1	90	7	67	.1	29	16	934	3.81	7	5	ND	3	64	.3	2	2	78	.82	.073	8	32	.99	199	.17	2	2.83	.03	.28	1	8.2
194+00N 195+00E	1	40	3	77	.1	19	10	744	2.85	2	5	ND	2	60	.2	2	2	53	.63	.035	6	26	.48	183	.19	3	1.92	.03	.25	1	2.0
194+00N 195+25E	1	33	2	69	.1	19	9	664	2.82	4	5	ND	3	57	.2	2	2	56	.61	.033	6	27	.36	161	.19	2	1.91	.03	.20	1	2.5
194+00N 195+50E	1	30	2	55	.1	17	8	355	2.58	2	5	ND	2	54	.2	2	2	53	.54	.031	6	25	.36	118	.19	2	1.94	.03	.18	1	1.4
194+00N 195+75E	1	31	5	71	.1	20	9	663	2.60	2	5	ND	2	47	.2	2	2	49	.48	.041	6	24	.28	192	.18	3	2.17	.03	.21	1	2.6
194+00N 196+00E	1	41	2	67	.1	22	10	591	3.20	2	5	ND	2	47	.2	2	2	58	.55	.043	6	29	.32	168	.19	3	2.38	.03	.28	1	6.2
194+00N 196+25E	1	37	4	68	.1	22	9	469	2.71	2	5	ND	2	49	.4	2	2	47	.55	.063	6	26	.41	175	.17	3	2.38	.03	.30	1	2.4
194+00N 196+50E	1	65	4	48	.1	29	12	513	3.46	6	5	ND	3	60	.2	2	2	69	.73	.051	8	43	.69	134	.19	2	2.21	.03	.29	1	6.6
194+00N 196+75E	1	78	2	59	.1	29	13	548	3.61	2	5	ND	3	63	.2	2	2	66	.78	.048	8	38	.85	146	.20	2	2.59	.03	.27	1	7.3
194+00N 197+00E	1	61	2	46	.1	20	10	536	2.54	5	5	ND	2	36	.2	2	2	42	.58	.038	6	26	.60	120	.13	2	1.94	.02	.23	1	34.1
194+00N 197+25E	1	58	7	68	.1	25	12	665	3.25	9	5	ND	2	48	.2	2	2	55	.65	.057	9	29	.62	177	.17	3	2.76	.03	.34	1	5.3
194+00N 197+50E	1	58	7	66	.2	24	12	757	3.17	12	5	ND	2	49	.3	2	2	57	.70	.072	9	31	.60	206	.14	3	2.63	.03	.31	1	9.1
194+00N 197+75E	1	73	5	69	.1	24	14	884	3.40	9	5	ND	2	47	.2	2	2	64	.80	.105	6	34	.71	135	.13	3	2.23	.02	.36	1	13.9
194+00N 198+00E	1	100	5	73	.2	36	19	887	4.62	9	5	ND	4	64	.6	2	2	84	.95	.067	11	39	1.03	167	.18	3	3.00	.03	.45	1	14.2
194+00N 198+25E	1	79	2	72	.2	30	16	843	3.95	4	5	ND	3	71	.7	2	2	76	1.00	.084	10	34	.92	174	.16	2	2.67	.04	.39	1	8.3
194+00N 198+50E	1	61	5	70	.2	29	15	830	3.82	3	5	ND	3	72	.2	2	2	76	.88	.082	10	33	.78	151	.17	2	2.49	.03	.34	1	16.2
STANDARD G-1	-	-	-	-	-	-	-	-	-	-	-	ND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	.2
STANDARD C/AU-S	18	62	38	132	6.8	70	32	1033	3.94	42	19	7	38	53	17.3	16	22	56	.48	.089	36	60	.88	170	.09	32	1.86	.07	.15	12	48.2

Sample type: SOIL. Samples beginning 'RE' are duplicate samples.

ACME ANALYTICAL

I.M. Watson & Assoc. Ltd. FILE # 92-1028

ACME ANALYTICAL

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	Au* ppb
194+00N 199+00E	1	58	4	69	.4	28	15	718	3.60	6	5	ND	1	64	.2	2	2	75	.84	.085	12	47	.79	137	.16	6	2.55	.04	.32	1	45.0
194+00N 199+25E	1	65	8	66	.3	33	17	652	3.44	2	5	ND	1	97	.4	2	2	69	.87	.094	11	45	.84	153	.17	7	2.79	.05	.32	1	24.7
194+00N 199+50E	1	57	9	58	.4	28	13	298	3.38	4	5	ND	3	129	.2	2	5	51	.91	.070	10	41	1.44	106	.18	7	2.76	.06	.43	1	5.4
194+00N 199+75E	1	94	5	51	.4	36	16	692	3.22	2	5	ND	3	73	.2	2	2	66	.65	.031	9	52	.84	148	.19	6	2.28	.05	.36	1	7.1
194+00N 200+00E	1	102	9	72	.5	30	21	1144	4.40	5	5	ND	2	61	.2	4	4	103	.71	.058	7	54	1.12	143	.24	5	2.75	.04	.21	1	7.5
179+00N 198+25E	1	39	6	137	.1	30	13	1232	3.04	2	5	ND	1	48	.2	2	2	63	.59	.141	9	45	.66	280	.18	5	2.55	.04	.22	1	1.4
179+00N 198+50E	1	92	7	80	.4	58	18	661	3.41	7	5	ND	1	54	.2	2	2	69	.68	.080	14	70	.99	206	.19	6	2.82	.04	.29	1	5.6
179+00N 198+75E	1	70	8	84	.3	25	14	582	3.47	16	5	ND	1	63	.2	2	2	74	.73	.063	10	41	.73	201	.18	5	2.67	.04	.26	1	18.4
179+00N 199+00E	1	97	9	77	.5	30	14	672	3.84	24	5	ND	2	63	.2	2	4	80	.83	.076	11	40	.67	240	.17	5	3.09	.04	.26	1	6.4
RE 194+00N 200+00E	1	106	11	73	.4	30	22	1173	4.73	6	5	ND	2	65	.2	2	2	110	.75	.061	7	54	1.16	148	.24	5	2.87	.04	.21	1	5.4
179+00N 199+25E	1	64	5	70	.1	24	12	495	4.11	11	5	ND	1	54	.2	2	2	94	.66	.080	9	46	.59	158	.16	4	2.29	.04	.23	1	2.7
179+00N 199+50E	1	159	9	69	.3	34	18	688	4.38	23	5	ND	1	66	.2	2	2	99	.86	.078	11	52	1.05	175	.19	5	2.77	.04	.31	1	5.4
179+00N 199+75E	1	51	6	72	.2	23	12	547	3.21	11	5	ND	1	61	.2	3	3	70	.56	.109	9	37	.54	206	.16	5	2.67	.04	.22	1	9.0
179+00N 200+00E	1	52	11	57	.2	22	12	752	2.98	9	5	ND	1	86	.2	2	2	63	.70	.079	11	34	.53	207	.15	5	2.51	.04	.27	1	2.1
STANDARD G-1	-	-	-	-	-	-	-	-	-	-	-	ND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	.3
STANDARD C/AU-S	21	63	42	127	7.4	68	30	1059	3.87	39	13	7	39	52	18.9	16	24	58	.47	.089	37	57	.87	171	.09	34	1.85	.08	.15	11	47.7

Sample type: SOIL. Samples beginning 'RE' are duplicate samples.

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	Au* ppb
199+00N 197+10E	3	45	3	46	.1	23	9	307	2.51	5	5	ND	5	14	.2	2	2	27	.41	.061	18	25	.39	94	.01	7	1.21	.07	.15	1	2
197+00N 194+00E	1	120	10	65	.2	58	28	1012	5.59	9	5	ND	1	97	.7	2	2	151	2.53	.132	3	49	2.71	42	.22	8	3.37	.15	.21	1	2
197+00N 194+25E	1	13	13	90	.4	10	17	1093	4.61	7	6	ND	3	97	1.0	2	2	28	3.74	.106	21	7	.47	1456	.01	7	.91	.04	.29	1	2
197+00N 196+50E	2	42	3	29	.1	53	10	209	1.91	2	5	ND	1	93	.2	2	2	22	1.16	.078	8	14	.75	60	.16	2	1.60	.47	.05	1	1
197+00N 196+75E	1	33	5	36	.3	28	19	958	4.38	13	5	ND	1	302	.6	3	2	100	5.33	.116	2	50	1.71	40	.23	4	1.47	.04	.14	2	15
195+00N 196+50E	1	71	6	46	.2	29	20	476	4.64	14	5	ND	1	110	.6	3	2	84	1.56	.119	2	93	1.43	39	.22	6	1.10	.09	.16	1	8
195+00N 196+75E	1	31	5	59	.4	35	25	598	5.06	20	5	ND	2	134	.7	4	2	87	2.18	.111	3	106	1.71	33	.21	6	1.08	.06	.14	1	25
195+00N 197+75E	1	6	7	42	.2	4	3	647	1.86	4	6	ND	8	32	.3	3	2	12	1.20	.057	36	7	.08	649	.02	5	.44	.07	.30	1	2
D 107401	1	6332	9	40	7.3	23	14	530	3.56	7	5	ND	1	197	1.3	2	2	77	3.42	.150	2	53	1.10	34	.25	3	1.04	.09	.17	1	112
D 107402	1	94	2	36	.3	15	14	558	3.71	17	5	ND	1	66	.2	2	2	101	2.28	.106	6	17	1.23	233	.14	4	1.26	.10	.25	1	9
D 107403	1	4937	5	67	2.9	40	31	593	4.98	7	5	ND	1	120	.9	2	3	111	1.63	.152	3	108	2.32	71	.25	5	1.57	.08	.13	1	729
RE 195+00N 196+75E	1	32	4	59	.1	35	25	601	5.04	19	5	ND	1	132	.3	2	2	86	2.16	.110	2	108	1.70	29	.21	6	1.06	.05	.11	1	31
D 107404	1	3700	14	69	2.5	36	24	468	4.45	7	5	ND	1	129	.9	2	2	104	1.54	.153	2	84	1.84	38	.23	5	1.36	.06	.11	1	358
D 107405	1	10176	3	113	2.4	35	32	553	3.81	5	5	ND	1	128	1.7	2	2	88	2.25	.138	3	97	1.66	55	.21	5	1.22	.09	.20	1	41
D 107406	1	2585	3	59	.9	57	40	964	6.86	11	5	ND	1	94	.8	2	2	169	6.42	.128	4	138	2.70	39	.19	8	2.03	.06	.67	1	37
D 107407	1	3075	5	47	2.2	39	39	541	4.93	10	5	ND	1	141	.7	4	3	118	1.79	.153	4	116	1.88	36	.28	6	1.36	.07	.16	1	89
D 107408	2	3693	3	81	1.4	30	25	535	3.03	7	5	ND	1	47	.7	3	2	69	1.59	.143	3	131	1.59	42	.20	5	1.10	.12	.22	1	23
D 107409	1	2905	8	50	3.4	28	21	575	4.91	7	5	ND	1	89	.7	2	5	157	2.95	.121	2	65	1.53	57	.24	8	1.73	.07	.27	1	212
D 107410	1	1110	7	43	1.0	28	20	623	5.99	9	5	ND	1	95	.4	2	4	169	2.35	.132	3	82	1.22	46	.22	6	1.35	.10	.21	1	59
STANDARD C/AU-R	19	62	36	130	7.5	69	31	1060	3.88	41	18	8	39	54	18.3	17	22	54	.47	.088	37	57	.87	176	.09	33	1.85	.08	.16	11	458

Sample type: ROCK. Samples beginning 'RE' are duplicate samples.

ACME ANALYTICAL LABORATORIES LTD. 852 E. HASTINGS ST. VANCOUVER B.C. V6A 1R6 PHONE(604)253-3158 FAX(604)253-1716

GEOCHEMICAL ANALYSIS CERTIFICATE

I.M. Watson & Assoc. Ltd. File # 92-1073 Page 1
904 - 675 W. Hastings St., Vancouver BC V6B 1N2

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	Au* ppb
240+00N 201+00E	1	93	4	71	.1	27	12	981	2.94	3	5	ND	1	95	1.3	2	2	63	1.04	.153	9	31	.57	222	.13	5	2.55	.04	.28	2	4.2
240+00N 201+50E	1	64	2	66	.1	23	9	734	2.74	2	5	ND	1	78	1.0	2	2	61	.77	.101	9	25	.30	197	.14	5	2.81	.04	.28	2	1.1
240+00N 202+00E	1	85	2	77	.1	23	10	825	2.55	2	5	ND	1	97	1.0	2	2	54	1.13	.129	9	25	.35	243	.13	5	2.58	.04	.35	2	1.4
240+00N 202+50E	1	89	2	68	.1	27	12	819	2.94	2	5	ND	1	90	.8	2	2	66	1.26	.145	8	34	.65	206	.13	6	2.19	.04	.35	2	1.5
240+00N 203+00E	1	68	2	59	.1	22	10	692	2.70	2	5	ND	1	93	.7	2	2	63	.97	.101	8	32	.60	186	.15	5	2.08	.04	.36	2	1.3
RE 240+00N 205+50E	1	61	3	61	.1	24	10	749	2.75	3	5	ND	1	98	.7	2	2	60	1.00	.117	9	36	.63	196	.15	5	2.19	.05	.37	1	1.3
240+00N 203+50E	1	59	2	46	.1	22	9	570	2.77	2	5	ND	1	75	.5	2	2	67	.94	.092	7	37	.52	145	.14	5	1.82	.04	.28	2	2.6
240+00N 204+00E	1	102	2	71	.1	22	12	776	2.94	2	5	ND	1	126	.7	2	2	64	1.00	.097	9	31	1.07	198	.17	6	2.35	.06	.51	2	2.6
240+00N 204+50E	3	95	4	63	.1	22	12	766	3.25	2	5	ND	1	108	1.3	2	2	73	.80	.099	10	31	.77	134	.19	6	2.67	.06	.46	2	2.4
240+00N 205+00E	1	78	3	82	.1	26	12	885	2.86	2	5	ND	1	107	1.0	2	2	58	1.18	.141	10	31	.66	246	.14	7	2.63	.04	.50	1	1.3
240+00N 205+50E	1	58	4	58	.1	24	10	718	2.65	2	5	ND	1	93	.8	2	2	57	.96	.113	8	34	.62	189	.14	5	2.08	.04	.37	1	1.8
240+00N 206+00E	1	64	2	77	.1	27	11	654	2.73	2	5	ND	1	168	.8	2	2	59	2.65	.153	7	33	1.31	142	.11	16	1.76	.05	.53	1	4.0
240+00N 206+50E	1	64	4	45	.1	30	10	582	2.84	4	5	ND	1	81	.7	2	2	70	1.07	.097	7	52	.61	165	.14	5	1.75	.04	.28	1	4.4
240+00N 207+00E	1	57	3	74	.1	30	11	759	2.93	2	5	ND	1	85	.7	2	2	64	1.08	.126	8	44	.59	233	.14	4	2.62	.04	.30	2	1.8
240+00N 207+50E	1	55	3	77	.1	28	10	817	2.81	2	5	ND	1	96	.9	2	2	60	1.17	.154	9	40	.58	273	.13	4	2.38	.04	.31	1	1.4
240+00N 208+00E	1	59	2	47	.1	32	10	552	2.78	4	5	ND	1	91	.7	2	2	69	1.00	.093	7	54	.74	154	.15	4	1.84	.05	.30	1	1.7
240+00N 208+50E	1	44	2	44	.1	29	10	535	3.06	2	5	ND	3	83	.9	2	2	75	.93	.115	8	46	.70	139	.15	4	1.47	.04	.25	1	2.0
240+00N 209+00E	1	46	2	41	.1	33	11	478	3.20	3	5	ND	1	79	.9	2	2	82	1.02	.122	8	48	.73	130	.14	3	1.42	.04	.20	1	1.8
240+00N 209+50E	1	86	3	45	.1	43	12	555	2.98	4	5	ND	1	83	.8	2	2	78	1.19	.116	6	63	1.06	183	.16	5	2.08	.05	.27	1	5.0
240+00N 210+00E	1	83	2	49	.1	22	9	577	2.62	2	5	ND	1	81	.7	2	2	62	.96	.102	7	38	.54	160	.14	4	2.09	.05	.27	1	2.1
240+00N 210+50E	1	94	5	52	.1	28	10	648	2.53	2	5	ND	1	81	.9	2	2	58	1.21	.130	6	43	.51	202	.12	4	1.90	.04	.25	1	1.4
240+00N 211+00E	1	49	3	50	.1	25	10	593	2.91	2	5	ND	1	66	.4	2	2	63	.71	.088	8	40	.63	122	.17	3	2.23	.05	.31	1	4.4
240+00N 211+50E	1	61	3	59	.1	27	11	664	3.18	2	5	ND	1	78	.9	2	2	72	.90	.109	9	40	.68	172	.16	4	2.30	.06	.40	2	1.1
240+00N 212+00E	1	59	4	42	.1	29	10	569	3.33	2	5	ND	1	79	.6	2	2	79	.96	.100	8	47	.65	158	.16	4	2.07	.04	.33	1	1.7
240+00N 212+50E	1	55	2	52	.1	26	8	602	2.46	2	5	ND	1	99	.8	2	2	50	1.50	.139	8	33	.68	195	.11	7	2.38	.04	.44	1	1.2
240+00N 213+00E	1	52	4	106	.1	25	8	596	2.51	2	5	ND	1	125	.8	2	2	50	2.04	.228	9	28	.70	228	.10	10	2.49	.04	.35	1	1.5
240+00N 213+50E	1	49	2	34	.1	30	9	437	2.86	2	5	ND	1	71	.5	2	2	71	.88	.108	8	50	.61	117	.14	3	1.70	.04	.22	1	5.5
240+00N 214+00E	1	52	3	44	.1	66	10	499	2.42	2	5	ND	1	94	.6	2	2	55	1.15	.106	8	74	.75	224	.13	6	2.13	.04	.28	1	3.1
240+00N 214+50E	1	47	3	57	.1	72	10	515	2.14	2	5	ND	1	93	.9	2	2	44	1.26	.119	6	79	.71	271	.10	6	1.95	.04	.28	1	1.5
240+00N 215+00E	1	51	4	59	.1	54	10	499	2.51	2	5	ND	1	84	.8	2	2	59	1.10	.102	7	79	.69	214	.13	5	1.98	.04	.28	1	1.7
240+00N 215+50E	1	50	2	40	.1	63	11	480	2.75	3	5	ND	1	79	.8	2	2	64	.91	.075	7	98	1.03	214	.16	4	2.18	.04	.37	1	1.4
240+00N 216+00E	1	46	3	43	.1	58	10	436	2.70	2	5	ND	1	73	.7	2	2	63	.81	.076	8	88	.80	213	.17	3	2.25	.04	.33	1	1.2
240+00N 216+50E	1	43	2	35	.1	39	8	447	2.50	2	5	ND	1	80	.7	2	2	62	.86	.076	7	62	.65	149	.15	3	1.93	.04	.23	1	1.2
240+00N 217+00E	1	41	2	39	.1	37	9	425	2.74	3	5	ND	1	72	.5	2	2	63	.76	.072	8	62	.68	132	.15	3	1.93	.05	.23	1	1.4
240+00N 217+50E	1	51	2	49	.1	33	8	494	2.51	4	5	ND	1	91	.5	2	2	60	1.12	.108	8	49	.62	195	.13	5	2.10	.04	.25	1	1.5
240+00N 218+00E	1	54	2	50	.1	33	9	565	2.39	2	5	ND	1	95	1.0	2	2	55	1.14	.108	8	48	.58	216	.13	4	2.02	.04	.31	1	1.8
240+00N 218+50E	1	41	2	53	.1	27	8	580	2.48	2	5	ND	1	70	.6	2	2	56	.87	.116	8	41	.38	215	.14	3	2.06	.04	.31	1	.7
STANDARD G-1	-	-	-	-	-	-	-	-	-	-	-	ND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	.2
STANDARD C/AU-S	19	58	41	136	6.9	71	31	1043	3.98	41	16	7	38	51	17.2	15	18	56	.48	.090	34	57	.91	174	.09	33	1.87	.07	.15	10	50.2

ICP - .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 SR CA P LA CR MG BA TI B W AND LIMITED FOR NA K AND AL. AU DETECTION LIMIT BY ICP IS 3 PPM.
ASSAY RECOMMENDED FOR ROCK AND CORE SAMPLES IF CU PB ZN AS > 1%, AG > 30 PPM & AU > 1000 PPB
- SAMPLE TYPE: P1 TO P4 SOIL P5 ROCK AU* ANALYSIS BY ACID LEACH/AA FROM 10 GM SAMPLE.
<u>Samples beginning 'RE' are duplicate samples.</u>

May 20/92

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	Au* ppb
240+00N 219+00E	1	47	5	60	.1	25	9	656	2.78	3	5	ND	1	72	.2	2	2	54	.92	.103	10	33	.36	218	.15	4	2.65	.04	.36	1	.7
240+00N 219+50E	1	50	2	60	.1	26	10	619	3.16	3	5	ND	1	75	.3	2	2	63	.93	.098	11	33	.60	196	.18	4	2.64	.04	.36	1	1.0
240+00N 220+00E	1	54	3	66	.1	28	11	614	3.34	2	5	ND	1	82	.2	2	2	66	.96	.094	13	34	.65	203	.18	4	2.74	.04	.39	1	1.3
240+00N 220+50E	1	51	3	58	.1	26	12	631	3.25	2	5	ND	1	83	.4	2	2	70	.75	.058	11	37	.72	163	.21	3	2.29	.15	.28	1	.8
240+00N 221+00E	1	46	3	65	.1	25	10	583	2.95	2	5	ND	1	82	.2	2	2	62	.87	.081	11	31	.62	210	.17	3	2.51	.05	.35	2	.8
240+00N 221+50E	1	52	3	71	.1	29	10	551	3.12	2	5	ND	1	69	.2	2	2	61	.90	.091	10	36	.60	209	.17	3	2.68	.04	.41	2	2.3
240+00N 222+00E	1	48	2	63	.1	23	9	505	2.97	3	5	ND	7	69	.4	2	2	56	.87	.092	10	29	.60	185	.17	3	2.58	.04	.38	1	1.1
240+00N 222+50E	1	47	4	56	.1	26	9	513	2.79	2	5	ND	1	70	.4	2	2	58	.86	.080	9	36	.57	186	.16	3	2.25	.04	.30	1	1.5
240+00N 223+00E	1	60	2	54	.1	31	13	666	3.39	2	5	ND	1	87	.2	2	2	80	.80	.055	10	45	1.02	142	.23	3	2.26	.17	.30	2	1.2
240+00N 223+50E	1	51	2	53	.1	27	11	593	3.47	2	5	ND	1	83	.2	2	2	76	.74	.072	12	40	.77	124	.21	3	2.32	.07	.35	1	1.9
240+00N 224+00E	1	47	3	53	.1	26	12	608	3.39	2	5	ND	4	102	.3	2	2	84	.81	.068	12	45	.88	131	.25	2	1.79	.16	.30	1	1.3
240+00N 224+50E	1	69	2	62	.1	36	15	749	3.84	5	5	ND	2	103	1.0	2	2	89	.92	.106	11	39	1.37	118	.24	3	2.19	.21	.33	2	2.1
240+00N 225+00E	1	74	2	73	.1	35	15	831	4.03	3	5	ND	3	103	.8	2	2	81	.96	.084	14	38	1.12	187	.22	3	2.88	.06	.48	1	1.6
225+00N 200+00E	1	39	2	48	.1	21	9	536	2.58	3	5	ND	1	151	.4	2	2	56	1.92	.088	7	28	1.57	123	.14	7	1.46	.04	.44	1	1.0
225+00N 200+50E	1	58	2	68	.2	32	12	624	3.16	2	5	ND	1	209	.6	2	2	67	2.90	.112	10	35	3.35	114	.16	7	2.18	.28	.39	2	1.9
225+00N 201+00E	1	50	2	57	.1	23	10	621	3.22	3	5	ND	1	84	.2	2	2	66	.97	.099	9	33	.62	150	.16	4	2.22	.04	.32	1	.2
225+00N 201+50E	1	48	2	58	.1	22	10	731	2.78	2	5	ND	1	90	.3	2	2	53	.87	.068	8	27	.74	175	.16	4	2.07	.05	.40	1	.7
225+00N 202+00E	1	69	3	50	.1	36	11	574	3.01	3	5	ND	1	64	.4	2	2	66	.71	.061	9	49	.76	109	.18	3	2.07	.14	.28	1	.7
225+00N 202+50E	1	54	2	47	.1	24	9	586	2.92	2	5	ND	1	73	.4	2	2	62	.90	.093	8	34	.51	157	.15	3	2.13	.04	.28	1	6.2
225+00N 203+00E	1	58	2	44	.1	23	9	508	2.89	4	5	ND	1	67	.3	2	2	64	.85	.092	7	34	.38	134	.15	3	1.82	.04	.26	1	2.7
225+00N 203+50E	1	63	4	88	.1	26	10	746	2.59	4	5	ND	1	90	.3	2	2	53	1.23	.154	7	34	.62	233	.13	7	1.98	.04	.44	1	1.7
225+00N 204+00E	1	67	2	47	.1	26	10	579	3.06	2	5	ND	1	70	.3	2	2	68	.93	.094	7	40	.62	159	.16	3	1.89	.04	.30	1	2.9
225+00N 204+50E	1	56	2	55	.1	23	9	630	2.80	3	5	ND	1	82	.5	2	2	61	.97	.097	8	34	.47	194	.15	4	2.21	.04	.31	1	1.7
225+00N 205+00E	1	51	2	47	.1	24	9	608	2.69	2	5	ND	1	82	.2	2	2	60	1.03	.096	7	40	.56	176	.15	4	1.85	.04	.27	1	1.2
225+00N 205+50E	1	48	2	41	.1	25	8	511	2.51	3	5	ND	1	65	.2	2	2	57	.85	.116	6	41	.34	163	.12	3	1.59	.03	.22	1	2.7
RE 225+00N 203+50E	1	65	2	85	.1	25	10	727	2.47	4	5	ND	1	91	.2	2	2	50	1.20	.153	7	32	.60	236	.13	7	1.97	.04	.43	1	3.6
225+00N 206+00E	1	65	2	43	.1	24	9	529	2.98	4	5	ND	1	73	.3	2	2	68	.85	.101	8	39	.61	162	.16	3	2.01	.04	.28	1	2.7
225+00N 206+50E	1	85	2	76	.1	23	11	819	3.03	5	5	ND	1	105	.3	2	2	61	1.17	.129	8	30	.74	213	.17	6	2.32	.04	.46	1	1.9
225+00N 207+00E	1	63	2	52	.1	22	10	633	2.93	3	5	ND	1	85	.2	2	2	61	.95	.118	8	33	.62	188	.16	4	2.36	.04	.37	2	1.4
225+00N 207+50E	1	49	2	53	.1	19	8	595	2.42	2	5	ND	1	83	.4	2	2	54	1.06	.110	7	32	.36	187	.13	6	1.78	.03	.34	1	7.4
225+00N 208+00E	1	48	2	47	.1	20	9	546	2.80	3	5	ND	1	70	.6	2	2	59	.77	.085	7	35	.48	148	.16	3	2.05	.06	.28	1	.7
225+00N 208+50E	1	49	2	47	.1	20	9	557	2.77	3	5	ND	1	77	.2	2	2	61	.90	.093	7	35	.45	166	.15	3	2.02	.04	.34	1	.4
225+00N 209+00E	1	56	2	43	.1	24	9	534	2.92	4	5	ND	1	69	.2	2	2	67	.90	.080	7	40	.56	150	.17	3	2.00	.04	.26	1	1.6
225+00N 209+50E	1	68	2	38	.1	31	10	540	2.85	4	5	ND	1	71	.3	2	2	70	.95	.085	6	52	.68	138	.16	4	1.68	.04	.26	1	2.4
225+00N 210+00E	1	70	2	41	.1	31	11	538	3.19	5	5	ND	1	68	.4	2	2	76	.90	.088	7	51	.77	141	.17	3	1.90	.04	.30	1	10.0
225+00N 210+50E	1	71	2	52	.1	24	11	574	3.20	2	5	ND	2	64	.5	2	2	65	.70	.035	9	33	.80	169	.22	3	2.55	.04	.35	2	.7
225+00N 211+00E	1	47	2	66	.1	22	10	763	2.88	3	5	ND	2	51	.2	2	2	55	.61	.052	8	28	.66	198	.19	4	2.43	.04	.38	1	2.3
STANDARD G-1	-	-	-	-	-	-	-	-	-	-	-	ND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	.2
STANDARD C/AU-S	19	63	39	133	7.1	70	31	1057	4.03	41	20	7	37	51	17.7	14	20	56	.49	.091	36	57	.91	177	.09	32	1.89	.08	.15	10	45.6

Sample type: SOIL. Samples beginning 'RE' are duplicate samples.

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	Au* ppb
225+00N 211+50E	1	47	2	77	.1	22	8	614	2.82	2	5	ND	6	61	.6	2	2	58	.56	.089	9	28	.51	223	.19	3	3.03	.04	.37	2	.1
225+00N 212+00E	1	52	4	61	.1	21	9	646	2.81	2	5	ND	1	78	.2	2	2	57	.98	.106	9	28	.43	202	.14	4	2.46	.04	.31	2	1.0
RE 225+00N 214+00E	1	49	2	71	.1	21	10	704	3.07	2	5	ND	2	116	.3	2	2	63	1.08	.093	11	27	.62	219	.17	4	2.54	.04	.35	1	1.0
225+00N 212+50E	1	49	2	63	.1	21	8	598	2.50	2	5	ND	1	87	.3	2	2	54	1.04	.102	7	30	.36	200	.14	4	2.08	.04	.34	1	1.1
225+00N 213+00E	1	59	2	63	.1	25	10	657	2.76	3	5	ND	1	97	.2	2	2	61	1.13	.120	9	34	.57	225	.14	4	2.33	.04	.38	1	.5
225+00N 213+50E	1	51	2	66	.1	23	9	599	2.64	3	5	ND	1	90	.6	2	2	57	1.03	.095	9	33	.53	214	.14	4	2.36	.04	.37	1	1.8
225+00N 214+00E	1	50	2	71	.1	21	10	710	3.10	2	5	ND	2	115	.8	2	2	63	1.09	.094	11	27	.61	220	.17	4	2.52	.04	.36	2	1.4
225+00N 214+50E	1	47	2	66	.1	23	9	595	2.63	2	5	ND	1	89	.6	2	2	57	1.00	.107	9	32	.39	217	.15	4	2.22	.04	.37	1	.4
225+00N 215+00E	1	44	2	51	.1	25	8	478	2.56	2	5	ND	1	75	.3	2	2	59	.85	.085	7	41	.33	179	.15	3	2.00	.04	.29	1	.9
215+00N 190+00E	1	42	4	60	.3	23	9	648	2.53	2	5	ND	1	85	.2	5	2	52	1.26	.147	7	29	.30	239	.11	5	1.80	.03	.29	2	.8
215+00N 190+50E	1	44	3	59	.1	19	7	745	2.16	2	5	ND	1	87	.4	2	2	39	1.01	.109	6	23	.25	261	.12	4	1.98	.03	.30	1	.7
215+00N 191+00E	1	46	3	74	.1	21	8	658	2.49	2	5	ND	1	79	.2	2	2	49	.86	.130	8	26	.30	253	.12	4	2.35	.03	.34	2	1.0
215+00N 191+50E	1	66	2	66	.1	33	13	648	3.26	3	5	ND	1	84	.6	2	2	66	.81	.081	10	33	.75	162	.17	4	2.57	.04	.46	2	3.1
215+00N 192+00E	1	51	2	44	.1	27	10	511	3.11	2	5	ND	1	63	.2	2	2	66	.69	.048	8	40	.58	140	.20	4	2.22	.04	.38	1	.8
215+00N 192+50E	1	54	3	65	.1	28	12	806	3.06	2	5	ND	1	70	.5	2	2	60	.72	.037	10	31	.64	188	.20	3	2.34	.04	.46	1	1.4
215+00N 193+00E	1	64	4	60	.1	27	12	600	3.25	2	5	ND	1	76	.7	2	2	63	.75	.051	10	30	.66	196	.18	3	2.94	.04	.38	2	1.1
215+00N 194+00E	1	43	3	58	.1	26	10	661	2.80	2	5	ND	1	65	.3	2	2	53	.67	.034	10	30	.57	176	.18	4	2.22	.03	.31	2	.1
215+00N 194+50E	1	51	2	60	.1	25	10	486	3.10	2	5	ND	1	66	.2	2	2	60	.62	.043	12	34	.56	180	.21	3	2.51	.04	.34	1	1.1
215+00N 195+00E	1	59	3	58	.1	26	11	575	3.05	2	5	ND	1	72	.5	2	2	62	.73	.059	11	31	.61	177	.17	2	2.67	.04	.29	2	1.3
215+00N 195+50E	1	55	6	84	.1	25	10	695	2.98	2	5	ND	1	62	.4	2	2	55	.63	.054	10	29	.54	175	.19	4	2.60	.04	.48	1	2.5
215+00N 196+00E	1	75	4	66	.1	30	13	652	3.31	4	5	ND	2	77	.7	2	2	66	.73	.049	11	32	.72	162	.20	4	2.60	.04	.44	1	2.6
215+00N 196+50E	1	44	4	106	.1	20	6	364	2.52	2	5	ND	2	53	.4	2	2	45	.50	.044	9	26	.33	176	.19	4	2.55	.04	.36	1	1.3
215+00N 197+00E	1	44	6	88	.1	23	9	703	2.67	2	5	ND	1	64	.2	2	2	52	.73	.038	8	27	.54	169	.18	4	2.07	.04	.34	1	.9
215+00N 197+50E	1	63	4	63	.1	28	12	615	3.43	2	5	ND	2	71	.8	2	2	66	.75	.048	11	32	.63	172	.20	3	2.82	.04	.30	2	1.2
215+00N 198+00E	1	59	4	61	.1	32	13	661	3.47	3	5	ND	1	73	.2	4	2	66	.85	.072	10	34	.68	154	.18	4	2.37	.04	.30	2	3.0
215+00N 198+50E	1	51	2	47	.1	26	10	548	3.03	2	5	ND	1	66	.4	2	2	65	.78	.069	7	35	.50	147	.16	3	2.02	.04	.32	1	2.3
215+00N 199+00E	1	52	2	71	.1	28	11	687	3.00	2	5	ND	1	165	.3	2	2	65	1.95	.082	8	36	2.26	131	.16	6	1.92	.33	.52	1	2.0
215+00N 199+50E	1	60	2	55	.1	33	13	825	3.38	3	5	ND	1	132	.4	2	2	72	2.96	.098	10	35	1.21	139	.17	4	1.97	.06	.35	1	2.9
215+00N 200+00E	1	142	5	70	.2	38	16	1003	3.37	5	5	ND	1	80	.3	2	2	76	1.25	.144	8	39	1.03	181	.16	5	2.25	.04	.37	2	4.2
215+00N 200+50E	1	59	2	92	.1	25	10	656	2.60	2	5	ND	1	85	.2	2	2	50	1.07	.102	8	29	.57	205	.13	4	1.91	.04	.29	1	.8
215+00N 201+00E	1	56	9	98	.4	28	12	794	2.98	6	5	ND	1	90	.3	7	2	60	1.40	.165	9	31	.55	210	.12	6	2.05	.03	.34	1	1.2
215+00N 201+50E	1	54	2	51	.1	22	10	644	2.93	2	5	ND	1	71	.3	2	2	61	.84	.107	8	29	.53	162	.15	3	2.21	.04	.31	1	9.8
215+00N 202+00E	1	56	5	81	.1	23	10	799	2.59	2	5	ND	1	82	.3	2	2	49	.92	.095	8	26	.53	207	.15	5	2.18	.03	.46	2	.8
215+00N 202+50E	1	43	2	41	.1	18	9	491	2.60	2	5	ND	1	64	.2	2	2	53	.70	.046	7	30	.35	130	.17	3	1.78	.04	.30	1	.4
215+00N 203+00E	1	46	2	61	.1	19	9	700	2.63	2	5	ND	1	90	.2	2	2	55	.93	.100	8	28	.32	188	.14	5	2.02	.04	.31	1	.3
205+00N 196+00E	1	43	2	43	.1	21	8	365	3.27	4	5	ND	1	53	.7	2	2	70	.56	.045	9	33	.30	174	.18	2	2.16	.04	.24	1	1.4
205+00N 196+50E	1	50	2	53	.1	22	9	478	3.38	4	5	ND	5	48	.5	2	2	70	.57	.053	8	36	.29	159	.16	3	2.21	.03	.28	1	7.5
STANDARD G-1	-	-	-	-	-	-	-	-	-	-	-	ND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	.2
STANDARD C/AU-S	19	63	41	133	7.2	71	31	1051	4.00	42	17	6	37	51	18.0	13	23	57	.49	.090	36	57	.84	177	.09	32	1.88	.08	.15	10	48.6

Sample type: SOIL. Samples beginning 'RE' are duplicate samples.

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	Au* ppb
205+00N 196+70E	1	34	5	49	.1	20	8	390	2.96	5	5	ND	1	46	.3	2	2	68	.45	.060	7	36	.30	141	.17	2	1.76	.02	.22	1	3.3
205+00N 197+00E	1	29	2	54	.1	17	7	398	2.61	2	5	ND	3	44	.4	2	3	55	.43	.036	7	27	.26	155	.18	2	2.05	.03	.23	1	1.4
205+00N 197+50E	1	19	3	42	.1	15	7	348	2.90	2	5	ND	1	37	.2	2	2	71	.39	.060	5	33	.21	122	.14	2	1.27	.02	.14	1	4.3
205+00N 198+00E	1	32	3	45	.1	17	7	552	2.50	2	5	ND	1	47	.4	2	3	54	.49	.050	6	29	.25	155	.15	2	1.75	.03	.22	1	5.3
205+00N 198+50E	1	42	2	41	.1	20	8	482	2.69	3	5	ND	1	56	.5	2	2	62	.62	.066	7	33	.30	159	.16	2	2.04	.03	.23	1	3.1
RE 205+00N 198+50E	1	39	4	40	.1	21	8	485	2.68	2	5	ND	1	56	.2	2	2	60	.62	.066	8	31	.30	157	.16	2	2.05	.03	.23	1	2.3
205+00N 199+00E	1	41	5	42	.1	20	9	556	2.54	2	5	ND	1	59	.4	2	2	51	.64	.052	9	25	.31	181	.15	2	2.34	.03	.27	1	1.7
205+00N 199+50E	1	40	6	52	.1	22	10	693	2.57	2	5	ND	1	56	.7	2	2	49	.61	.053	8	27	.39	180	.15	3	2.16	.03	.32	1	3.3
205+00N 200+00E	1	47	6	71	.1	25	11	469	3.07	3	5	ND	1	58	.4	2	2	60	.52	.110	8	29	.60	171	.19	2	2.65	.03	.31	1	3.3
STANDARD G-1	-	-	-	-	-	-	-	-	-	-	-	ND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	.2
STANDARD C/AU-S	18	59	38	132	7.1	71	31	1030	3.91	41	23	5	38	51	17.7	16	22	57	.47	.089	34	58	.87	175	.09	33	1.91	.08	.16	10	46.8

Sample type: SOIL. Samples beginning 'RE' are duplicate samples.

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	Au* ppb
D 107411	1	22	2	21	.1	7	8	646	2.96	2	5	ND	1	63	.2	2	2	53	2.58	.066	6	7	.53	271	.05	4	.86	.06	.13	1	4
D 107412	1	21	2	7	.3	6	2	172	.79	2	5	ND	1	17	.2	2	2	20	.97	.048	4	16	.15	47	.08	2	.28	.04	.19	1	6
D 107413	1	706	2	52	.6	34	25	424	5.11	2	5	ND	1	57	.5	2	2	102	.99	.112	2	95	1.71	29	.21	2	1.30	.05	.27	1	18
D 107414	2	13	2	14	.2	10	4	248	1.06	5	5	ND	1	14	.2	2	2	27	.38	.057	4	10	.05	62	.01	2	.32	.03	.16	1	2
D 107415	23	9502	2	107	8.1	25	30	597	5.24	16	5	ND	1	90	.2	2	2	108	2.03	.105	2	14	1.31	41	.24	33	1.43	.07	.18	6	660
D 107416	1	63	5	41	.2	24	20	1229	4.78	6	5	ND	2	104	.2	2	3	141	8.16	.070	3	37	2.98	23	.01	3	.42	.03	.06	1	11
D 107417	2	161	2	36	1.0	15	8	796	2.67	29	5	ND	3	128	.2	2	2	79	13.91	.070	10	21	.17	34	.03	2	1.32	.02	.10	2	800
D 107418	1	249	3	33	.4	18	11	903	3.52	32	5	ND	2	75	.5	2	2	107	9.32	.092	10	23	.53	21	.08	2	1.21	.04	.09	1	230
D 107419	2	155	2	30	.3	17	11	942	3.10	56	5	ND	2	111	.2	2	2	91	12.16	.076	9	20	.37	16	.05	2	1.02	.03	.07	1	430
D 107420	9	512	2	69	1.0	10	8	578	2.92	256	5	ND	1	60	.2	2	3	46	3.09	.084	3	5	.92	502	.01	8	.58	.01	.16	1	18
RE D 107416	1	61	2	40	.1	24	19	1195	4.68	6	5	ND	2	101	.2	2	2	140	7.88	.069	4	36	2.89	24	.01	3	.41	.04	.06	1	16
D 107421	1	135	6	63	.1	25	17	337	4.15	2	5	ND	1	43	.2	2	2	148	1.21	.140	2	23	1.09	219	.21	2	1.28	.07	.72	1	9
STANDARD C/AU-R	18	62	39	131	7.0	69	31	1035	3.95	40	19	7	37	52	18.3	15	21	56	.48	.090	36	57	.88	176	.09	33	1.86	.07	.15	11	530

Sample type: ROCK. Samples beginning 'RE' are duplicate samples.

ACME ANALYTICAL LABORATORIES LTD.   852 E. HASTINGS ST. VANCOUVER B.C. V6A 1R6   PHONE(604)253-3158 FAX(604)253-1716

GEOCHEMICAL ANALYSIS CERTIFICATE

I.M. Watson & Assoc. Ltd. PROJECT POT File # 92-1089

904 - 675 W. Hastings St., Vancouver BC V6B 1N2

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	Au* ppb
D 107422	1	138	3	23	.2	26	16	321	2.86	65	5	ND	2	172	.2	2	2	74	2.50	.100	2	24	.60	33	.13	7	2.90	.46	.16	1	10
D 107423	2	34	3	21	.1	88	15	403	1.90	33	5	ND	1	173	.2	2	2	46	3.46	.057	2	38	.33	8	.13	3	1.39	.05	.03	44	2
D 107424	1	75	3	52	.3	13	15	637	3.14	4	5	ND	2	82	.2	2	2	105	2.00	.118	2	8	.99	38	.18	6	1.74	.27	.18	1	1
D 107425	49	1760	5	43	1.5	16	10	397	1.86	4	5	ND	1	222	.7	2	4	60	2.17	.101	2	12	.50	24	.19	2	1.10	.07	.08	42	4
D 107426	1	125	4	41	.2	23	15	444	3.11	3	5	ND	3	56	.2	2	2	94	1.67	.136	4	48	1.28	44	.16	5	1.53	.17	.21	2	5
D 107427	1	69	2	51	.2	25	18	420	3.99	2	5	ND	2	68	.2	2	2	134	1.56	.144	3	66	1.46	108	.21	5	1.92	.11	.43	1	5
D 107428	1	67	2	48	.1	25	20	457	4.45	6	5	ND	3	60	.2	2	2	140	2.13	.147	4	45	1.39	49	.20	8	2.14	.09	.26	1	6
D 107429	1	126	4	36	.3	20	14	382	2.84	3	5	ND	3	35	.5	2	2	91	1.36	.154	5	42	1.45	114	.20	4	1.53	.15	.62	1	8
D 107430	1	115	2	74	.1	21	15	544	3.39	5	5	ND	2	123	.2	2	2	111	1.74	.126	3	33	1.27	57	.16	5	1.71	.07	.16	1	3
D 107431	1	359	3	41	.2	31	22	305	4.57	9	5	ND	2	114	.2	2	2	144	1.32	.153	4	62	.94	50	.20	5	1.97	.25	.36	1	6
D 107432	1	214	5	63	.1	25	19	530	4.77	7	5	ND	2	56	.3	2	2	133	1.97	.148	4	41	1.44	66	.19	5	1.92	.12	.28	1	5
D 107433	1	130	6	55	.3	22	18	477	3.71	4	5	ND	2	31	.2	3	2	122	1.49	.151	4	51	1.88	89	.23	5	2.00	.10	.71	1	4
D 107434	496	26	7	9	.5	8	8	255	1.08	2	5	ND	1	307	.2	2	2	15	4.55	.032	4	8	.11	1241	.01	4	.37	.02	.17	2	5
D 107435	30	18	4	14	.1	5	5	281	1.86	2	5	ND	2	199	.2	2	2	31	2.54	.048	4	8	.37	1217	.01	4	.44	.05	.21	1	1
D 107436	20	50	3	13	.1	8	6	295	1.99	2	5	ND	2	131	.2	2	2	36	2.68	.053	4	11	.38	1276	.01	4	.39	.04	.18	1	3
D 107437	6	25	3	13	.1	5	5	293	1.88	2	5	ND	1	168	.2	2	2	31	3.00	.049	4	6	.66	1238	.01	4	.37	.03	.15	1	1
D 107438	4	113	3	9	.1	8	5	212	1.57	2	5	ND	1	96	.2	2	2	33	2.93	.046	4	9	.73	534	.01	4	.32	.04	.13	1	2
RE D 107434	479	24	8	7	.7	8	7	239	1.01	4	7	ND	2	291	.2	2	2	13	4.43	.029	3	7	.09	1178	.01	4	.32	.02	.17	2	8
D 107439	22	36	2	10	.1	5	5	209	1.66	2	5	ND	2	104	.2	2	2	27	2.28	.045	4	8	.28	863	.01	4	.37	.07	.17	1	6
D 107440	8	29	2	11	.1	20	6	615	1.86	2	5	ND	2	284	.2	2	2	24	7.73	.035	7	10	.46	1382	.01	4	.36	.04	.17	1	3
D 107441	14	54	3	11	.2	5	6	264	1.71	2	5	ND	2	179	.2	2	2	30	2.96	.044	4	6	.65	1058	.01	4	.36	.03	.15	1	3
D 107442	18	32	2	13	.1	8	6	263	1.92	2	5	ND	2	148	.2	2	2	36	2.22	.053	5	14	.36	742	.01	3	.36	.06	.16	1	1
D 107443	209	49	4	11	.1	5	12	268	1.73	2	5	ND	1	164	.2	2	2	18	3.53	.048	3	4	.15	1072	.01	5	.43	.04	.22	1	10
D 107444	15	16	4	10	.3	7	7	294	1.48	3	5	ND	2	132	.2	2	2	14	4.02	.042	3	8	.19	848	.01	5	.38	.03	.21	1	9
D 107445	10	58	3	15	.1	5	19	325	2.04	2	5	ND	1	204	.2	2	2	19	4.57	.043	5	4	.19	885	.01	4	.35	.04	.17	1	2
D 107446	39	27	3	12	.2	8	15	250	1.65	6	5	ND	2	172	.2	2	2	22	3.42	.043	4	9	.16	701	.01	4	.39	.03	.18	1	3
D 107447	9	200	2	10	.1	7	8	213	2.03	2	5	ND	2	191	.2	2	2	28	2.24	.043	7	8	.36	143	.01	3	.27	.04	.10	2	3
D 107448	1597	27	4	7	.3	10	8	168	1.06	2	5	ND	1	159	.2	2	2	7	3.28	.003	2	6	.05	395	.01	2	.07	.01	.04	3	20
D 107449	24	10	2	22	.1	6	2	417	1.34	2	5	ND	1	649	.2	2	2	22	3.57	.042	3	4	1.59	578	.01	4	.30	.02	.16	1	2
D 107450	11	60	2	21	.1	8	8	332	2.20	3	5	ND	1	89	.2	2	2	66	1.14	.117	2	13	.64	99	.22	3	1.16	.09	.32	1	7
D 107451	2	79	4	37	.1	6	11	523	3.27	3	5	ND	1	82	.3	2	2	88	1.42	.105	2	4	1.17	104	.24	4	1.54	.12	.20	1	4
D 107452	3	264	4	18	.4	7	6	335	2.70	5	5	ND	1	201	.3	3	2	78	1.90	.110	2	7	.70	80	.18	9	1.51	.09	.14	1	6
D 107453	1	86	4	9	.1	4	6	74	2.17	2	5	ND	3	42	.2	2	2	35	.45	.073	7	8	.12	75	.12	3	.51	.10	.11	1	4
STANDARD C/AU-R	18	62	40	134	7.3	72	31	1055	4.01	42	23	7	39	52	18.8	17	22	56	.49	.092	37	59	.92	176	.09	33	1.89	.08	.16	10	510

ICP - .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 SR CA P LA CR MG BA TI B W AND LIMITED FOR NA K AND AL. AU DETECTION LIMIT BY ICP IS 3 PPM.
ASSAY RECOMMENDED FOR ROCK AND CORE SAMPLES IF CU PB ZN AS > 1%, AG > 30 PPM & AU > 1000 PPB
- SAMPLE TYPE: ROCK   AU* ANALYSIS BY ACID LEACH/AA FROM 10 GM SAMPLE. Samples beginning 'RE' are duplicate samples.

DATE RECEIVED: MAY 19 1992 **DATE REPORT MAILED:** May 21/92 **SIGNED BY** ....D.TOYE, C.LEONG, J.WANG; CERTIFIED B.C. ASSAYERS

ACME ANALYTICAL LABORATORIES LTD. 852 E. HASTINGS ST. VANCOUVER B.C. V6A 1R6 PHONE(604)253-3158 FAX(604)253-1716

GEOCHEMICAL ANALYSIS CERTIFICATE

I.M. Watson & Assoc. Ltd. File # 92-1134 Page 1

904 - 675 W. Hastings St., Vancouver BC V6B 1N2

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	Au* ppb
D 107454	2	4862	2	60	.6	29	34	624	4.87	10	8	ND	1	48	.6	4	4	121	.98	.111	6	35	1.93	28	.26	6	1.50	.20	.15	1	31
D 107455	1	1085	3	36	.3	8	6	386	1.34	117	5	ND	1	42	.2	9	2	17	1.53	.051	6	5	.65	143	.01	5	.34	.08	.19	1	72
RE D 107460	19	1119	2	22	.1	6	6	171	5.99	9	5	ND	1	42	.2	2	2	95	.51	.057	4	6	.46	47	.10	3	.67	.09	.13	1	61
D 107456	34	742	11	40	.6	13	12	438	3.12	15	5	ND	1	40	.4	2	2	94	1.47	.092	5	14	.79	29	.08	3	.88	.04	.19	1	180
D 107457	23	495	3	25	.9	14	34	645	6.82	38	9	ND	3	121	.3	6	2	154	3.07	.134	7	8	1.19	33	.16	6	1.46	.06	.19	8	19
D 107458	31	547	14	80	9.7	9	29	473	10.30	53	5	2	1	184	1.8	5	12	154	4.34	.110	5	11	.90	54	.20	2	1.19	.19	.28	1	570
D 107459	103	4383	4	53	4.0	5	13	307	3.03	4	5	ND	1	17	.5	2	2	39	.46	.024	2	5	.23	138	.04	3	.28	.03	.04	1	49
D 107460	19	1138	2	24	.1	6	5	161	5.73	7	5	ND	1	41	.2	2	2	92	.48	.054	4	6	.43	48	.10	3	.66	.09	.13	1	66
D 107461	17	667	2	10	.3	7	3	145	3.91	6	6	ND	3	43	.2	5	2	81	.59	.067	6	9	.34	82	.13	4	.59	.10	.17	2	53
D 107462	17	367	3	11	.1	3	2	125	3.38	5	5	ND	1	55	.2	2	2	69	.42	.070	5	5	.28	96	.15	4	.66	.11	.10	1	40
D 107463	11	409	2	18	1.8	9	5	203	4.71	3	5	ND	1	85	.2	2	6	110	.75	.091	4	8	.80	74	.19	4	.94	.12	.19	3	110
D 107464	32	466	2	11	.1	3	4	152	3.85	4	7	ND	1	53	.2	2	2	82	.50	.096	6	7	.67	51	.10	3	.87	.09	.15	1	40
D 107465	45	529	2	10	.4	7	3	137	2.78	5	5	ND	2	41	.2	2	2	60	1.18	.065	6	9	.54	44	.06	3	.71	.11	.15	1	68
D 107466	40	568	3	11	.2	3	3	192	2.42	2	5	ND	2	46	.2	2	2	58	.79	.071	5	4	.48	56	.10	3	.76	.09	.13	1	41
D 107467	37	1181	2	14	.1	9	6	328	2.51	5	5	ND	1	38	.2	2	2	40	1.41	.065	8	9	.58	45	.01	3	.92	.11	.16	1	30
D 107468	23	912	2	16	.2	4	6	290	3.13	5	5	ND	1	43	.2	5	2	66	1.05	.069	7	7	.71	34	.05	4	.98	.09	.15	1	41
D 107469	75	338	4	18	.1	6	2	188	4.09	5	5	ND	1	84	.2	2	2	101	.57	.101	7	7	.73	55	.17	6	1.25	.09	.14	64	39
D 107470	106	1846	3	22	.3	4	5	284	4.46	2	5	ND	1	112	.2	2	2	93	.73	.119	8	4	.79	138	.19	5	1.04	.15	.21	47	92
D 107471	86	1313	2	25	.8	6	6	280	4.61	2	6	ND	1	136	.2	2	2	117	1.54	.139	7	7	1.13	93	.17	6	1.61	.11	.15	15	71
D 107472	93	3131	2	38	1.8	6	10	423	3.50	6	10	ND	2	142	.4	2	2	89	2.44	.161	8	4	1.55	45	.16	6	1.70	.11	.11	1	57
D 107473	138	2147	2	36	1.4	6	15	509	4.03	6	9	ND	2	132	.2	2	2	106	3.33	.158	8	5	1.47	78	.18	5	1.43	.11	.13	1	28
D 107474	32	6237	2	46	2.2	42	65	1246	6.72	5	9	ND	1	106	.6	2	2	183	2.79	.156	8	24	.82	114	.18	4	1.32	.08	.10	1	32
D 107475	3	873	4	13	.9	12	6	705	1.43	2	5	ND	1	63	.2	2	15	74	3.81	.082	2	7	.87	738	.13	2	.68	.08	.11	1	15
D 107476	2	78	6	21	.1	9	3	147	1.59	3	5	ND	1	20	.2	2	2	49	.29	.035	5	13	.36	73	.06	3	.58	.13	.13	1	5
D 107477	2	16	3	12	.1	8	3	76	.96	2	5	ND	2	17	.2	2	2	36	.09	.014	3	13	.15	106	.02	2	.38	.12	.13	1	2
D 107478	1	10728	2	75	15.9	36	20	638	4.88	3	5	ND	1	119	2.1	6	2	176	1.81	.119	4	70	1.52	48	.21	5	1.53	.22	.20	1	120
D 107479	1	4574	3	59	2.9	12	15	701	4.54	2	5	ND	1	73	.9	2	2	183	1.17	.146	7	18	1.26	138	.27	4	1.53	.15	.42	1	12
D 107480	1	130	3	8	.1	4	2	181	.77	2	5	ND	1	15	.2	2	2	33	.33	.010	6	6	.13	22	.05	2	.15	.02	.05	1	9
STANDARD C/AU-R	19	62	38	131	7.4	69	32	1070	3.92	41	23	7	39	54	19.4	18	22	55	.47	.089	35	58	.87	176	.09	35	1.87	.08	.15	11	480

ICP - .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 SR CA P LA CR MG BA TI B W AND LIMITED FOR NA K AND AL. AU DETECTION LIMIT BY ICP IS 3 PPM.
ASSAY RECOMMENDED FOR ROCK AND CORE SAMPLES IF CU PB ZN AS > 1%, AG > 30 PPM & AU > 1000 PPB
- SAMPLE TYPE: P1 ROCK P2 BULK SILT AU* ANALYSIS BY ACID LEACH/AA FROM 10 GM SAMPLE.
Samples beginning 'RE' are duplicate samples.

DATE RECEIVED: MAY 22 1992 **DATE REPORT MAILED:** May 26/92 **SIGNED BY**..........D.TOYE, C.LEONG, J.WANG; CERTIFIED B.C. ASSAYERS

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	Au* ppb
D 107481	1	66	5	40	.1	23	9	417	2.70	3	5	ND	1	59	.2	2	2	66	.69	.077	5	34	.79	83	.16	3	1.25	.04	.19	1	6
D 107482	1	38	2	48	.1	22	9	509	2.78	2	5	ND	1	58	.2	2	2	65	.72	.064	4	33	.79	84	.15	3	1.34	.04	.23	1	6
D 107483	2	41	2	44	.1	19	7	447	2.27	3	5	ND	1	62	.2	2	2	53	.69	.078	4	24	.45	104	.12	3	1.27	.04	.20	1	5

Sample type: BULK SILT.

GEOLOGICAL BRANCH
ASSESSMENT REPORT

22,566