GEOCHEMICAL REPORT ON THE RPF AND CRISTINA JEAN CLAIMS

OMINECA MINING DIVISION, BC

NTS 93 O/4

Latitude: 55° 03'N

Longitude: 123° 50'W

OWNER:
Dave Forshaw
Box 419
Mackenzie, B.C.
V0J 2C0

OPERATOR:
Pacific Mariner Exploration Ltd.
#1000 - 675 West Hastings Street
Vancouver, B.C.
V6B 1N6

BY:
P. SOUTHAM, P. Geo. (B.C.)

August 2, 1994

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LOCATION AND ACCESS

The properties are located approximately 85 miles northwest of Prince George (figure 1) and 55 kilometers west of Windy Point, BC on the Finlay Philip Forest Service Road. The RPF claim is centered on 55° 03' north latitude and 123° 49' west longitude and the Christina Jean claim on 55° 03' north latitude and 123° 54' west longitude on NTS sheet 93 O/4. They are accessible by logging roads from spring to fall or by helicopter from Mackenzie.

TOPOGRAPHY AND VEGETATION

The topography of the area is rolling hills ranging in elevation from 980 meters (2990 ft.) above sea level (ASL) to 1250 meters (3800 ft.) ASL covered with economic stands spruce and fir and also poplar trees. The best exposure of bedrock is usually found in logging cuts and along road cuts.

PROPERTY STATUS

The properties consist of 2 four post mineral claims (figure 2).

Table 1 - Claims List

CLAIM NAME	RECORD No.	UNITS	EXPIRY DATE*	OWNER
RPF	240726	10	May 29/95	Dave Forshaw
Christina Jean	321202	12	Sept. 29/95	Dave Forshaw

* With acceptance of this report.

HISTORY

The property is located southeast of Placer Dome's Mt. Milligan copper/gold porphyry deposit. The property was originally staked by Dave Forshaw and in April 1991 was optioned to Teck Exploration Ltd. Teck contracted Pacific Geophysics to conduct induced polarization and resistivity and ground magnetic surveys over an aeromagnetic high on the property. The surveys identified four IP anomalies and a magnetic high, but Teck dropped the option. The following year the property was soil sampled by the owner as assessment work. The results of the survey were inconclusive in determining the character of the IP and magnetic anomalies.

In 1991 the Geological Survey of Canada (GSC) conducted a high resolution airborne gamma ray spectrometric (AGRS) survey over the Mt. Milligan area. This survey delineated potassic halo "bulls-eyes" over the Mt. Milligan, Taylor, Wit, Chuchi and other known deposits and identified several new targets, one of which lies mostly under the RPF claim and another underlying the Christina

PACIFIC MARINER EXPLORATION LTD.

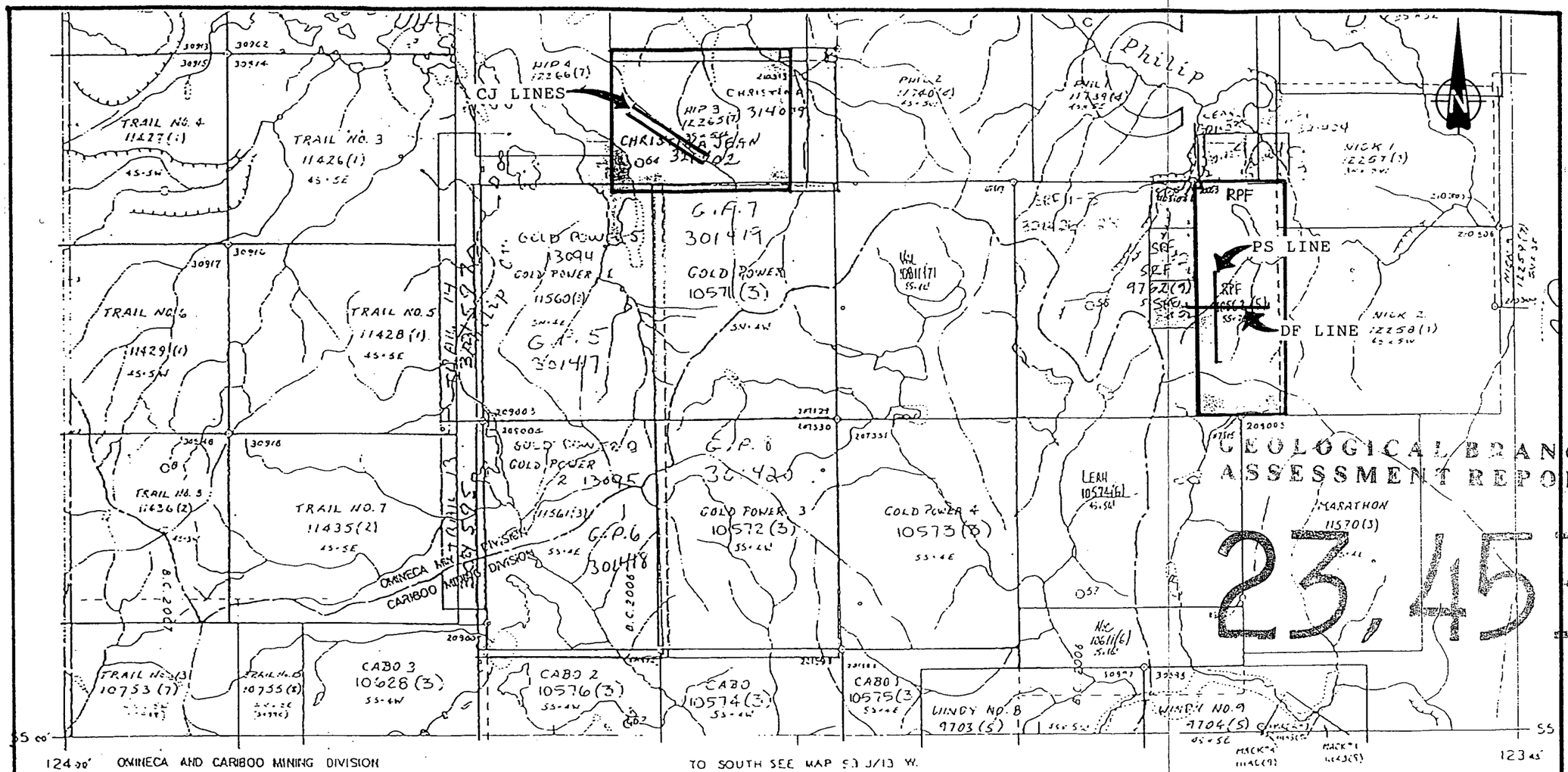
RPF AND CRISTINA JEAN CLAIMS

OMINECA M.D., BC — NTS 93-O-4

LOCATION MAP

DATE: JULY 94
BY: P.S.

FIGURE 1



International Boundary — Bridge
Provincial Boundary — Tunnel
Mining Division Boundary — Power Transmission Line
City or Municipal Boundary — Pipeline
Indian Reservation — Stream... perennial

DEPARTMENT OF MINES AND PETROLEUM RESOURCES

This map is prepared only as a guide to the location

GEOLOGICAL BRANCH
ASSESSMENT REPORT

23,453

PACIFIC MARINER EXPLORATION LTD.

RPF AND CRISTINA JEAN CLAIMS

OMINECA M.D., BC — NTS 93-O-4

CLAIM MAP AND GRID LOCATIONS

SCALE 1 : 50,000

DATE: JULY 94
BY: P.S.

FIGURE 2

Jean claim (figure 5). These anomalies are respectively known as "K4" and "K6". The properties were optioned by Pacific Mariner Exploration Ltd. in February 1994.

REGIONAL GEOLOGY

The following has been culled from the capsule geology on Minfile number 093N 194 of the Mount Milligan deposit:

The claims lie within the Quesnel Belt (figure 5) composed of Upper Triassic Takla Group andesitic to basaltic massive volcanic flows, sills and volcaniclastic rocks that have been metamorphosed to greenschist facies and intruded by intermediate to mafic subvolcanic and plutonic rocks. Lithologies within the Takla Group include augite and plagioclase porphyritic flows and tuffs and their subvolcanic equivalents, massive non-porphyritic flows and crystal lapilli tuffs. The intrusive suite includes a complex mix of syenite, monzonite, diorite/monzodiorite and gabbro/monzogabbro from the Late Triassic - Early Jurassic and Late Cretaceous granite.

The Mount Milligan deposit is underlain by coarse-grained labradorite diorite and biotite-bearing monzodiorite in the north, a central segment of quartz porphyritic and megacrystic feldspar porphyritic phases, and a southern segment of biotite quartz diorite. The pluton is complicated by several complex sheeted and pegmatitic dyke phases and xenoliths and rafts of biotite hornfels wallrock.

The dominant structural trend is north-northwest with most rock units subvertically oriented, probably due to block faulting and rotation. Faults and shear zones are mainly oriented northeast and northwest.

PROPERTY GEOLOGY

The RPF property is underlain by a maroon-coloured slightly siliceous hematitic tuff observed in outcrop by St. Pierre and Cartwright (1991). The eastern end of the outcrop contains a northwesterly trending carbonate altered and silicified shear zone, approximately 2 meters wide, that contains trace amounts of disseminated chalcopyrite and minor disseminated pyrite. This outcrop is located on the western side of a northwesterly trending lineament. The remainder of the property is covered by glacial till.

Field observations by the author on the Christina Jean property identified augite porphyritic volcanic of the Takla Group subcropping around station 1+00N, 4+20E. The rocks are tinted pink and light green with potassic and epidote alteration due to a

syenite intrusive subcropping to the northwest in the west-central part of the claim. The subcrop of syenite is located at the center of the "K6" anomaly identified by the AGRS survey.

WORK PROGRAM

Two lines of soil samples (table 2) were completed on each property (figure 2). On the RPF claim, a north-south line and east-west line intersected over the center of the southern "bulls-eye" anomaly of the "K4" target. The lines on the Christina Jean Claim were run at 120°/300° and spaced 100 meters apart to take advantage of a logging cut where samples could more easily be collected. Both lines are centered over the "K6" anomaly.

Table 2 - Sample Data

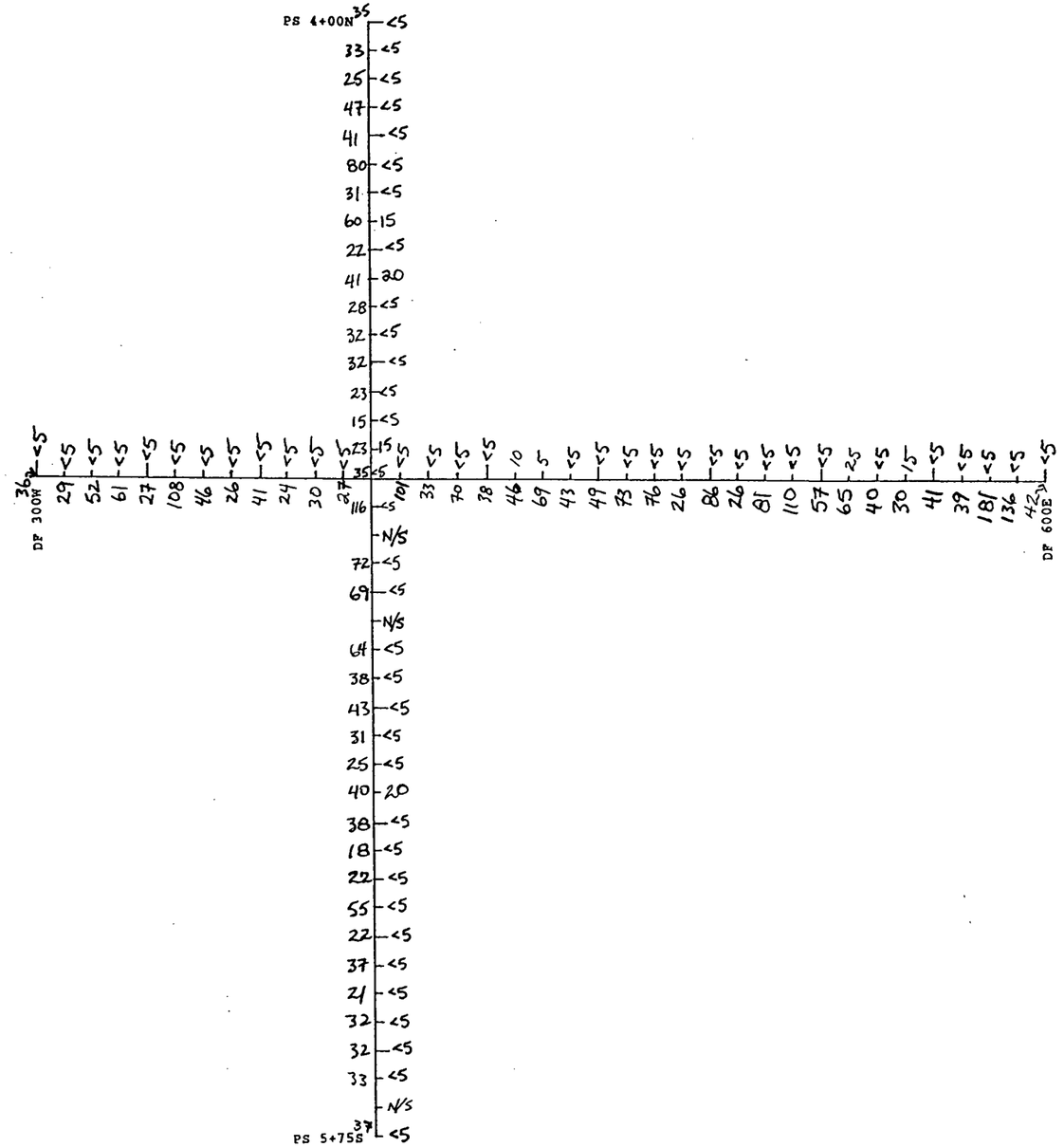
Line Name	Line Kilometers	No. of Samples	Sample Spacing	Line Spacing
RPF CLAIM				
DF	0.9	36	25 m	
PS	1.0	37	25 m	
CHRISTINA JEAN CLAIM				
CJ 0N	1.0	41	25 m	100 m
CJ 1+00N	1.0	38	25 m	100 m

GEOCHEMICAL SURVEY METHOD

The soil samples were taken primarily from clearcut areas where there has been minor to locally significant soil disturbance, however the overall results should still give a reasonable indication of soil mineralization. Sample stations are at 25 meter intervals and are marked with flagging tape. Soil samples were taken from the B-horizon, found at depths of 5 to 40 centimeters where the soil was undisturbed, using a standard mattock. The samples were placed in kraft soil sample bags and dried prior to shipping to Chemex Labs for analysis. Each sample was tested by fire assay for gold and by 32-element ICP.

GEOCHEMICAL SURVEY RESULTS

The results of the survey on the RPF claim (figure 3) were only weakly anomalous in gold and copper with highs of 25 ppb and 181 ppm respectively. The Christina Jean survey results (figure



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LEGEND

101 | <5 = Cu (ppm) | Au (ppb)

0 100 200
meters

PACIFIC MARINER
EXPLORATION LTD.

RPF CLAIM

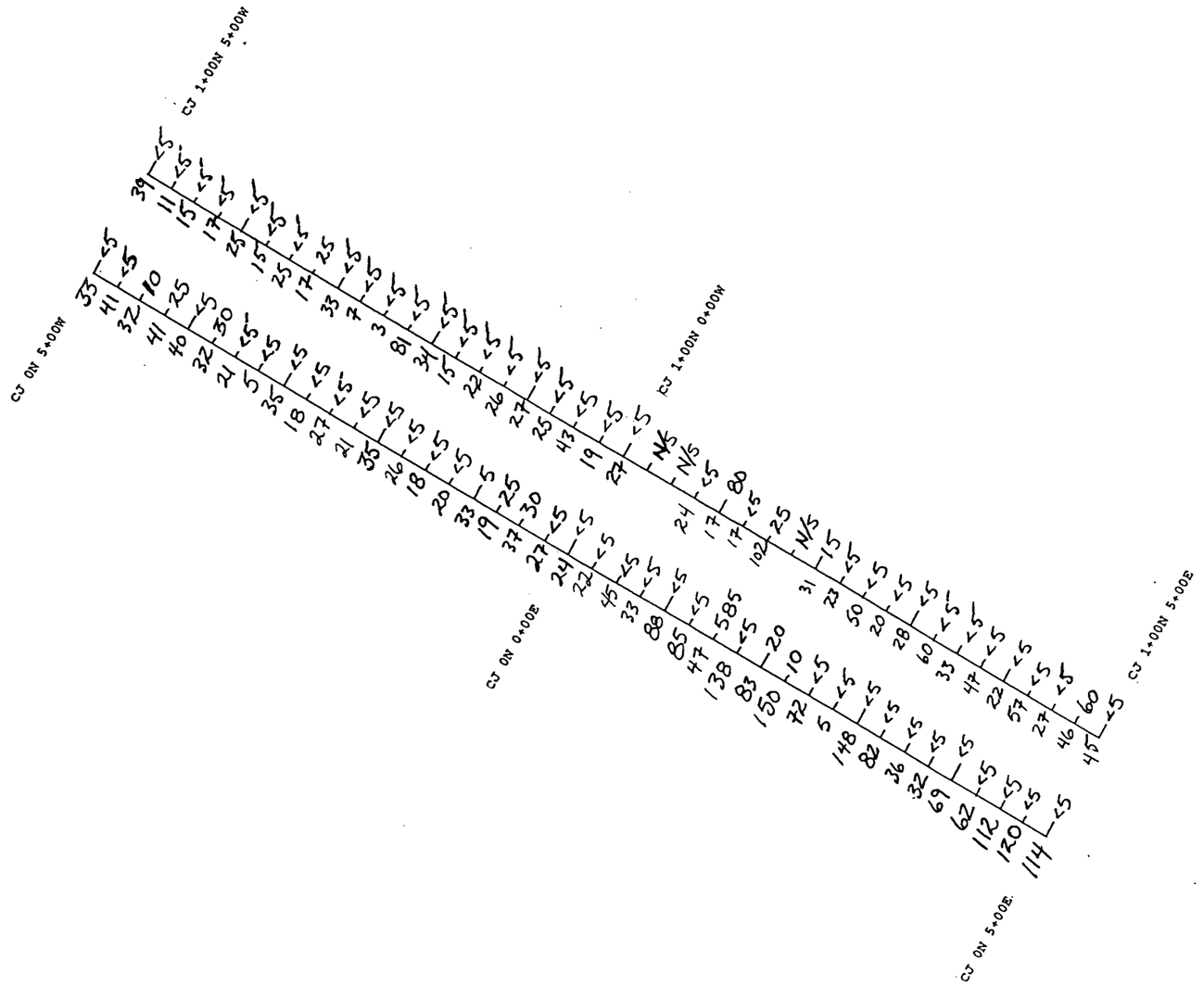
OMINECA M.D., BC NTS 93-O-4

SAMPLE LOCATION
AND
GOLD/COPPER GEOCHEMISTRY

SCALE 1 : 5,000

DATE: JULY 94
BY: P.S.

FIGURE 3



GEOLOGICAL BRANCH
ASSESSMENT REPORT

23,453

LEGEND

101 | <5 = Cu (ppm) | Au (ppb)

0 100 200
meters

PACIFIC MARINER EXPLORATION LTD.

CHRISTINA JEAN CLAIM

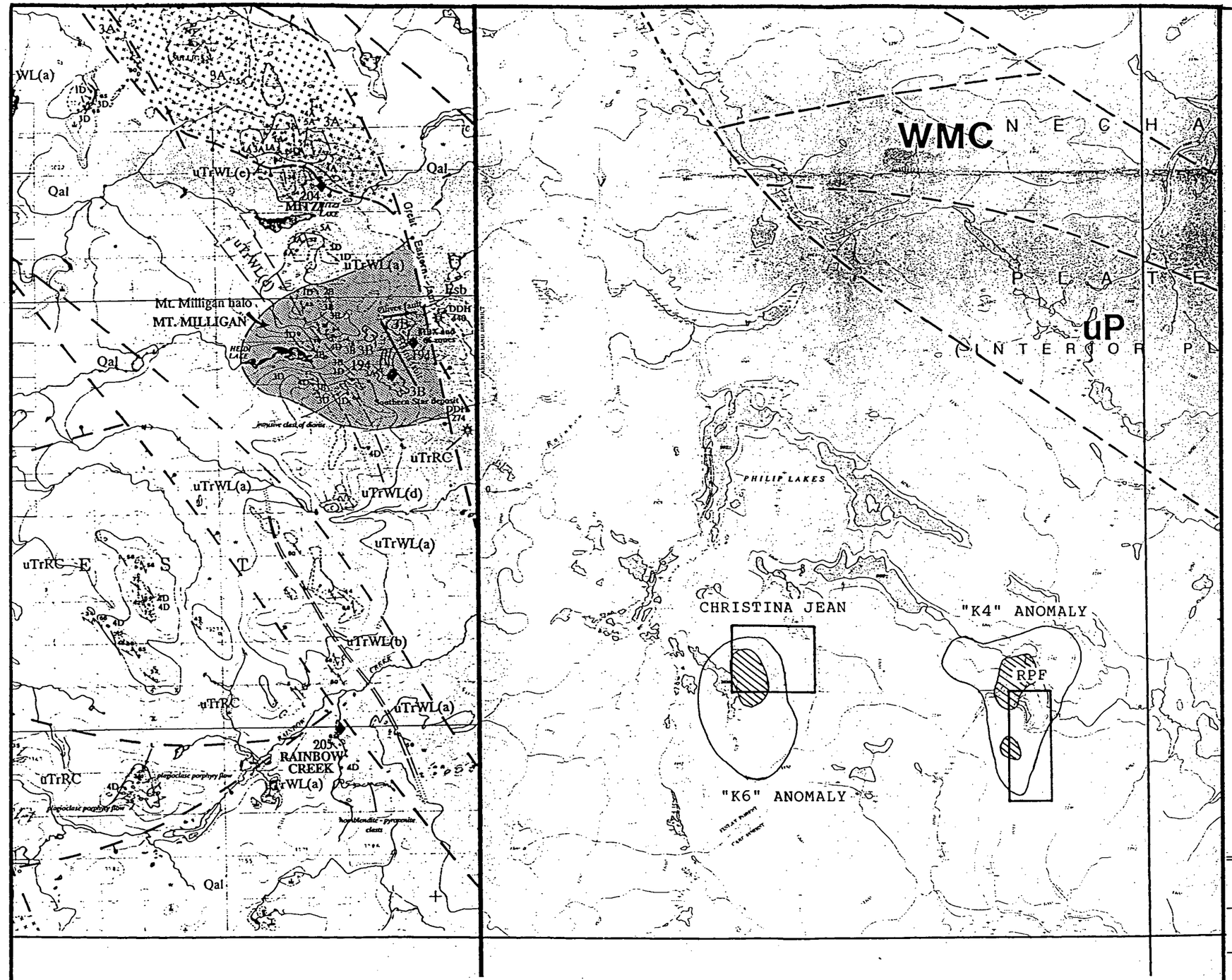
OMINECA M.D., BC NTS 93-O-4

SAMPLE LOCATION AND GOLD/COPPER GEOCHEMISTRY

SCALE 1 : 5,000

DATE: JULY 94
BY: P.S.

FIGURE 4



LEGEND

LAYERED ROCKS

QUATERNARY

- Qal — *UNCONSOLIDATED GLACIAL TILL AND ALLUVIUM*

QUATERNARY?

- Ob — *OLIVINE-BEARING BASALT*

EOCENE - OLIGOCENE

- Esb — *VOLCANIC WACKE, PLANT- BEARING, VOLCANIC ASH-RICH MUDSTONE AND BASALT*

UPPER TRIASSIC (- JURASSIC?)

TAKLA GROUP

- uTrCL — CHUCHI LAKE FORMATION: *(A) GREEN AND MAROON HETEROLITHIC AGGLOMERATE; (B) PLAGIOCLASE-PORPHYRY TRACHYTE FLOWS AND BRECCIAS; (C) INTERVOLCANIC SEDIMENTS*
- uTrWL — WITCH LAKE FORMATION: *(A) AUGITE (± PLAGIOCLASE ± HORNBLENDE) PORPHYRY AGGLOMERATE, LAPILLI TUFF AND EPICLASTIC SEDIMENTS; (B) TRACHYTE FLOWS AND TUFF-BRECCIAS; (C) PLAGIOCLASE (± AUGITE) PORPHYRY LATITE FLOWS AND AGGLOMERATES; (D) EPICLASTIC SEDIMENTS (SANDSTONES AND SILTSTONES) AND MINOR AMYGDALOIDAL TRACHYTE FLOWS; (E) AMPHIBOLITE AND METAMORPHOSED AUGITE PORPHYRY FLOWS, LAPILLI TUFF, AGGLOMERATE AND SEDIMENTS*
- uTrL — INZANA LAKE FORMATION: *VOLCANIC SANDSTONE, SILTSTONE, MUDSTONE, ARGILLITE, LAPILLI TUFF AND SEDIMENTARY BRECCIA*
- uTrRC — RAINBOW CREEK FORMATION: *GREY SLATE, THIN-BEDDED SILTSTONE, MINOR VOLCANIC SEDIMENTS*

INTRUSIVE ROCKS

LATE CRETACEOUS-EARLY TERTIARY?

- 1 — GRANITE SUITE: *(1A) COARSE TO MEDIUM GRAINED, EQUIGRANULAR GRANITE; (1D) RHYODACITE/DACITE*

LATE TRIASSIC-EARLY JURASSIC

- 2 — SYENITE SUITE: *(2A) COARSE TO MEDIUM GRAINED, EQUIGRANULAR SYENITE; (2B) CROWDED PLAGIOCLASE PORPHYRITIC SYENITE; (2C) MEGACRYSTIC SYENITE*
- 3 — MONZONITE SUITE: *(3A) COARSE TO MEDIUM GRAINED, EQUIGRANULAR MONZONITE; (3B) CROWDED PLAGIOCLASE PORPHYRITIC MONZONITE; (3C) MEGACRYSTIC PLAGIOCLASE MONZONITE; (3D) SPARSELY PORPHYRITIC LATITE*
- 4 — DIORITE/MONZODIORITE SUITE: *(4A) COARSE TO MEDIUM GRAINED, EQUIGRANULAR DIORITE/MONZODIORITE; (4B) CROWDED PLAGIOCLASE PORPHYRITIC DIORITE; (4C) MEGACRYSTIC PLAGIOCLASE (± AUGITE) PORPHYRITIC DIORITE; (4D) SPARSELY PORPHYRITIC ANDESITE*
- 5 — GABBRO/MONZOGABBRO SUITE: *(5A) COARSE TO MEDIUM GRAINED, EQUIGRANULAR GABBRO/MONZOGABBRO*

Geology Sources

93 N/2E BC-MEMPR of 1992-1994 J.L. Nelson et. al.
93 N/1 BC-MEMPR of 1991-1993 J.L. Nelson et. al.
93 O/4W BC-MEMPR Gelogical Highway Map No. 3

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PACIFIC MARINER EXPLORATION LTD.

RPF AND CRISTINA JEAN CLAIMS

OMINECA M.D., BC — NTS 93-O-4

REGIONAL GEOLOGY
FROM OPEN FILE 2535

SCALE 1 : 100,000

DATE: JULY 94
BY: P.S.

FIGURE 5

4) were slightly more anomalous in gold, returning 585, 80 and 60 ppb from samples on the southeastern lines. The copper results were all at background levels.

Heavy mineral samples were collected from the "K6" anomaly by the GSC and separated by panning and shaker table to determine the amount of visible gold present. The six samples returned between 6 and 24 grains per sample and averaged 15 grains per sample.

SUMMARY AND CONCLUSIONS

The RPF and Christina Jean claims are underlain by rocks of the Quesnel Belt which are known to host a number of copper-gold porphyry deposits associated with alkalic magmatism including, most recently, the Mount Milligan deposit which lies just 20 kilometers to the northwest. An AGRS survey of the area, conducted by the GSC, identified the potassic halo of Mount Milligan and other known deposits in the area as well as several new targets. The Christina Jean and RPF claims cover a portion of two of the new targets.

The geochemical sampling program was unsuccessful in clearly defining mineralization associated with the potassic "bulls-eyes" identified in the AGRS survey. Minor gold is present on the Christina Jean claim in both heavy mineral sampling and soil sampling which warrants follow-up work. The mineralization may lie at some depth within bedrock, as it appears only the very top of the intrusive body is exposed. A diamond drill hole collared in the syenite subcrop and drilled to a depth of 300-400 meters is recommended for testing the "K6" anomaly. If the drill hole proves successful, a further two holes on each of the bulls-eyes of the "K4" anomaly are recommended.

BIBLIOGRAPHY

NELSON, J., BELLEFONTAINE, K., GREEN, K. and MACLEAN, M.; Regional geological mapping near the Mount Milligan copper-gold deposit, B.C. Ministry of Energy Mines and Petroleum Resources, Geological Fieldwork 1990, Paper 1991-1, pages 89-110.

ST. PIERRE, M. and CARTWRIGHT, P. A.; Pacific Geophysical Ltd. Report on the induced polarization and resistivity survey and magnetic survey on the rainbow project, Omineca mining division, BC; report for Teck Exploration Ltd.

SHIVES, R.B.K., BALLANTYNE, S.B. and HARRIS, D.C.; Gamma ray spectrometry: Applications to the search for ore; part of promotional display of Geological Survey of Canada Open File 2535 - Airborne Geophysical Survey of the Mount Milligan Area, British Columbia, Sept. 1991, NTS 93 O/4W, 93 N/1 and 93 N/2E

APPENDIX I

STATEMENT OF EXPENDITURES

RPF CLAIM - EXPENDITURES

SALARIES	
Phil Southam - 1 manday @ $180/day	180
Dave Forshaw - 1 manday @ $150/day	150
Report preparation - P. Southam - 1 manday @ $180/day	180
GEOCHEMICAL ANALYSIS	
73 soil samples @ $17.24/sample	1259
LOGISTICAL COSTS	
Food and lodging	103
Sample shipping	42
Vehicle fuel and maintenance	66
FILING FEES	100
SUBTOTAL	2080
Administration Fee (15%)	312
TOTAL	**$2392**

CHRISTINA JEAN CLAIM - EXPENDITURES

SALARIES	
Phil Southam - 1 manday @ $180/day	180
Dave Forshaw - 1 manday @ $150/day	150
Report preparation - P. Southam - 1 manday @ $180/day	180
GEOCHEMICAL ANALYSIS	
79 soil samples @ $14.04/sample	1109
3 rock samples @ $38.95/sample	117
LOGISTICAL COSTS	
Food and lodging	98
Sample shipping	43
Vehicle fuel and maintenance	67
FILING FEES	120
SUBTOTAL	2064
Administration Fee (15%)	310
TOTAL	**$2374**

APPENDIX II

STATEMENT OF QUALIFICATIONS

STATEMENT OF QUALIFICATIONS

I, Philip James Southam of 6348 Kerr Street, Vancouver, British Columbia, do hereby certify:

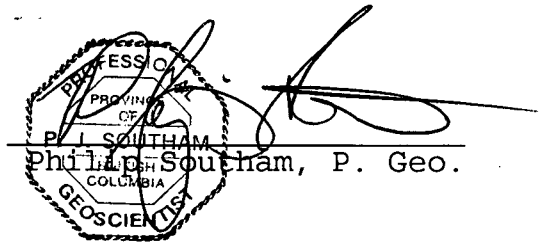
1. I am a geologist registered with the Association of Professional Engineers and Geoscientists of British Columbia.

2. I graduated from Brandon University in 1987 with a Bachelor of Science degree majoring in geology.

3. I have practised my profession continuously since graduation in British Columbia, Manitoba, Yukon Territory and California in the field of mineral exploration.

4. I am employed by Hastings Management Corp. to provide geological services for Pacific Mariner Exploration Ltd.

5. All work completed for the purpose of this report was done under my supervision.



Philip Southam, P. Geo.

APPENDIX III

ANALYTICAL METHOD

Screening Procedure

Chemex Code: 201

Geochemical samples (soils,silts) are dried at 50 deg C and then sieved through an 80 mesh stainless steel screen. If insufficient material is obtained, the sample is sieved through a 35 mesh screen (code 203) and the -35 mesh material is ring pulverized (code 205).

If there is still insufficient material for analysis after sieving to -35 mesh, then the whole sample is recombined and ground (code 217).

Gold

Fire Assay Collection/ Atomic Absorption Spectroscopy (FA-AA)

Chemex Code: 100

A 10g sample is fused with a neutral lead oxide flux inquarted with 6mg of gold-free silver and then cupelled to yield a precious metal bead.

These beads are digested for 30 mins in 0.5ml concentrated nitric acid, then 1.5ml of concentrated hydrochloric acid are added and the mixture is digested for 1 hr. The samples are cooled, diluted to a final volume of 5ml, homogenized and analyzed by atomic absorption spectroscopy.

Detection limit: 5 ppb

Upper Limit: 10,000 ppb

32-Element Geochemistry Package (32-ICP)
Inductively-Coupled Plasma-Atomic Emission Spectroscopy (ICP-AES)

A prepared sample (1.0g) is digested with concentrated nitric and aqua regia acids at medium heat for two hours. The acid solution is diluted to 25ml with demineralized water, mixed and analyzed using a Jarrell Ash 1100 plasma spectrometer after calibration with proper standards. The analytical results are corrected for spectral inter-element interferences.

Chemex Codes	Element	Detection Limit	Upper Limit
229	Digestion		
2119	* Aluminum	0.01 %	15 %
2118	Silver	0.2 ppm	0.02 %
2120	Arsenic	2 ppm	1 %
2121	* Barium	10 ppm	1 %
2122	* Beryllium	0.5 ppm	0.01 %
2123	Bismuth	2 ppm	1 %
2124	* Calcium	0.01 %	15 %
2125	Cadmium	0.5 ppm	0.05 %
2126	Cobalt	1 ppm	1 %
2127	* Chromium	1 ppm	1 %
2128	Copper	1 ppm	1 %
2150	Iron	0.01 %	15 %
2130	* Gallium	10 ppm	1 %
2132	* Potassium	0.01 %	10 %
2151	* Lanthanum	10 ppm	1 %
2134	* Magnesium	0.01 %	15 %
2135	Manganese	5 ppm	1 %
2136	Molybdenum	1 ppm	1 %
2137	* Sodium	0.01 %	10 %
2138	Nickel	1 ppm	1 %
2139	Phosphorus	10 ppm	1 %
2140	Lead	2 ppm	1 %
2141	Antimony	2 ppm	1 %
2142	* Scandium	1 ppm	1 %
2143	* Strontium	1 ppm	1 %
2144	* Titanium	0.01 %	10 %
2145	* Thallium	10 ppm	1 %
2146	Uranium	10 ppm	1 %
2147	Vanadium	1 ppm	1 %
2148	* Tungsten	10 ppm	1 %
2149	Zinc	2 ppm	1 %
2131	Mercury	1 ppm	1 %

* Elements for which the digestion is possibly incomplete.

Screening Procedure

Chemex Code: 203

Geochemical samples (soils,silts) are dried at 50 deg C. and then screened through a 35 mesh stainless steel screen. The -35 mesh material is then ring pulverized using a ring mill with either a chrome steel ring set (code 205) or a zirconia ring set (code 248). If there is insufficient -35 mesh material for analysis, then the entire sample is ground (code 217).

Ring Grinding

Chemex Codes:
- 205 geochemical samples
- 208 assay samples
- 255 rush geochemical samples
- 258 rush assay samples

A crushed sample split is ground using a ring mill pulverizer with a chrome steel ring set. The Chemex specification for this procedure is that greater than 90% of the ground material passes a 150 mesh screen. Grinding with chrome steel will impart trace amounts of iron and chromium to a sample.

APPENDIX IV

ASSAY RESULTS

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers
212 Brooksbank Ave., North Vancouver
British Columbia, Canada V7J 2C1
PHONE: 604-984-0221

To: PACIFIC MARINER EXPLORATION LTD.

1000 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N6

INVOICE NUMBER I 9 4 1 7 5 2 2

BILLING INFORMATION

Date: 22-JUN-94
Project: RPF
P.O. No.:
Account: LVH

Comments:

Billing: For analysis performed on
Certificate A9417522

Terms: Payment due on receipt of invoice
1.25% per month (15% per annum)
charged on overdue accounts

Please Remit Payments to:

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

# OF SAMPLES	ANALYSED FOR CODE - DESCRIPTION	UNIT PRICE	SAMPLE PRICE	AMOUNT
71	201 - Dry, sieve to -80 mesh	1.10		
	202 - save reject	0.75		
	ICP-32	6.25		
	100 - Au ppb FA+AA	7.95	16.05	1139.55
2	202 - save reject	0.75		
	203 - Dry, sieve to -35 mesh	1.10		
	205 - Geochem ring to approx 150 mesh	2.50		
	ICP-32	6.25		
	100 - Au ppb FA+AA	7.95	18.55	37.10

Total Cost $	1176.65
(Reg# R100938885) GST $	82.37
TOTAL PAYABLE (CDN) $	**1259.02**

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers
212 Brooksbank Ave., North Vancouver
British Columbia, Canada V7J 2C1
PHONE: 604-984-0221

To: PACIFIC MARINER EXPLORATION LTD.

1000 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N6

A9417522

Comments:

CERTIFICATE A9417522

PACIFIC MARINER EXPLORATION LTD.

Project: RPF
P.O. # :

Samples submitted to our lab in Vancouver, BC.
This report was printed on 22-JUN-94.

SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
201	71	Dry, sieve to -80 mesh
202	73	save reject
203	2	Dry, sieve to -35 mesh
205	2	Geochem ring to approx 150 mesh
229	73	ICP - AQ Digestion charge

* NOTE 1:

The 32 element ICP package is suitable for trace metals in soil and rock samples. Elements for which the nitric-aqua regia digestion is possibly incomplete are: Al, Ba, Be, Ca, Cr, Ga, K, La, Mg, Na, Sr, Ti, Tl, W.

ANALYTICAL PROCEDURES

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION	METHOD	DETECTION LIMIT	UPPER LIMIT
100	73	Au ppb: Fuse 10 g sample	FA-AAS	5	10000
2118	73	Ag ppm: 32 element, soil & rock	ICP-AES	0.2	200
2119	73	Al %: 32 element, soil & rock	ICP-AES	0.01	15.00
2120	73	As ppm: 32 element, soil & rock	ICP-AES	2	10000
2121	73	Ba ppm: 32 element, soil & rock	ICP-AES	10	10000
2122	73	Be ppm: 32 element, soil & rock	ICP-AES	0.5	100.0
2123	73	Bi ppm: 32 element, soil & rock	ICP-AES	2	10000
2124	73	Ca %: 32 element, soil & rock	ICP-AES	0.01	15.00
2125	73	Cd ppm: 32 element, soil & rock	ICP-AES	0.5	100.0
2126	73	Co ppm: 32 element, soil & rock	ICP-AES	1	10000
2127	73	Cr ppm: 32 element, soil & rock	ICP-AES	1	10000
2128	73	Cu ppm: 32 element, soil & rock	ICP-AES	1	10000
2150	73	Fe %: 32 element, soil & rock	ICP-AES	0.01	15.00
2130	73	Ga ppm: 32 element, soil & rock	ICP-AES	10	10000
2131	73	Hg ppm: 32 element, soil & rock	ICP-AES	1	10000
2132	73	K %: 32 element, soil & rock	ICP-AES	0.01	10.00
2151	73	La ppm: 32 element, soil & rock	ICP-AES	10	10000
2134	73	Mg %: 32 element, soil & rock	ICP-AES	0.01	15.00
2135	73	Mn ppm: 32 element, soil & rock	ICP-AES	5	10000
2136	73	Mo ppm: 32 element, soil & rock	ICP-AES	1	10000
2137	73	Na %: 32 element, soil & rock	ICP-AES	0.01	5.00
2138	73	Ni ppm: 32 element, soil & rock	ICP-AES	1	10000
2139	73	P ppm: 32 element, soil & rock	ICP-AES	10	10000
2140	73	Pb ppm: 32 element, soil & rock	ICP-AES	2	10000
2141	73	Sb ppm: 32 element, soil & rock	ICP-AES	2	10000
2142	73	Sc ppm: 32 elements, soil & rock	ICP-AES	1	10000
2143	73	Sr ppm: 32 element, soil & rock	ICP-AES	1	10000
2144	73	Ti %: 32 element, soil & rock	ICP-AES	0.01	5.00
2145	73	Tl ppm: 32 element, soil & rock	ICP-AES	10	10000
2146	73	U ppm: 32 element, soil & rock	ICP-AES	10	10000
2147	73	V ppm: 32 element, soil & rock	ICP-AES	1	10000
2148	73	W ppm: 32 element, soil & rock	ICP-AES	10	10000
2149	73	Zn ppm: 32 element, soil & rock	ICP-AES	2	10000

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers
212 Brooksbank Ave., North Vancouver
British Columbia, Canada V7J 2C1
PHONE: 604-984-0221

To: PACIFIC MARINER EXPLORATION LTD. **

1000 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N6

Project : RPF
Comments:

Page Number :1-A
Total Pages :2
Certificate Date: 16-JUN-94
Invoice No. :I9417522
P.O. Number :
Account :LVH

CERTIFICATE OF ANALYSIS A9417522

SAMPLE	PREP CODE		Au ppb FA+AA	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm
DF 025E	201	202	< 5	< 0.2	2.85	6	270	0.5	< 2	1.33	1.0	19	86	101	4.22	10	< 1	0.09	20	1.04	1510
DF 050E	201	202	< 5	< 0.2	1.69	< 2	130	< 0.5	< 2	0.80	0.5	10	53	33	2.52	< 10	< 1	0.04	10	0.77	270
DF 075E	201	202	< 5	0.4	1.70	< 2	200	0.5	< 2	0.91	0.5	8	56	70	2.33	< 10	< 1	0.04	20	0.68	385
DF 100E	201	202	< 5	0.2	1.83	< 2	140	< 0.5	< 2	0.56	0.5	10	62	38	3.19	< 10	< 1	0.06	10	0.81	280
DF 125E	201	202	10	< 0.2	2.02	4	160	< 0.5	< 2	0.87	0.5	15	81	46	4.13	< 10	< 1	0.11	10	1.19	515
DF 150E	201	202	5	0.2	2.38	6	170	< 0.5	< 2	0.74	< 0.5	15	83	69	3.85	< 10	1	0.07	20	0.93	645
DF 175E	201	202	< 5	< 0.2	1.81	8	130	< 0.5	< 2	0.48	< 0.5	8	68	43	3.42	< 10	< 1	0.04	10	0.55	215
DF 200E	201	202	< 5	< 0.2	2.01	6	100	< 0.5	< 2	0.53	0.5	15	78	49	4.23	< 10	< 1	0.06	10	0.88	430
DF 225E	201	202	< 5	< 0.2	2.45	< 2	180	0.5	< 2	0.62	0.5	16	80	73	4.12	10	< 1	0.10	10	0.95	670
DF 250E	201	202	< 5	< 0.2	2.39	6	170	0.5	< 2	0.67	0.5	17	90	76	4.02	10	< 1	0.11	10	1.17	790
DF 275E	201	202	< 5	< 0.2	1.53	< 2	200	< 0.5	< 2	0.43	0.5	12	67	26	4.32	10	< 1	0.08	10	0.52	665
DF 300E	201	202	< 5	< 0.2	2.53	6	250	0.5	< 2	0.65	1.0	36	93	86	5.09	10	< 1	0.09	20	1.16	7260
DF 325E	201	202	< 5	< 0.2	1.15	2	120	< 0.5	< 2	0.46	< 0.5	7	46	26	2.15	< 10	< 1	0.07	10	0.56	210
DF 350E	201	202	< 5	< 0.2	2.78	16	150	0.5	< 2	0.57	< 0.5	23	96	81	5.06	10	< 1	0.10	10	1.44	1135
DF 375E	201	202	< 5	< 0.2	2.95	8	250	0.5	< 2	0.70	1.0	31	91	110	5.63	10	< 1	0.11	20	1.24	2900
DF 400E	201	202	< 5	< 0.2	2.50	6	110	< 0.5	< 2	0.65	< 0.5	27	99	57	4.94	10	< 1	0.09	10	1.84	1185
DF 425E	201	202	25	0.2	2.69	4	140	< 0.5	< 2	0.54	< 0.5	30	83	65	4.97	10	< 1	0.08	10	1.18	1195
DF 450E	201	202	< 5	< 0.2	1.68	2	110	< 0.5	< 2	0.33	< 0.5	13	54	40	3.47	10	< 1	0.06	10	0.64	485
DF 475E	201	202	15	< 0.2	1.82	< 2	120	< 0.5	< 2	0.48	< 0.5	10	58	30	2.82	10	< 1	0.06	10	0.83	275
DF 500E	201	202	< 5	0.2	2.24	< 2	140	< 0.5	< 2	0.34	< 0.5	12	54	41	3.16	10	< 1	0.08	10	0.75	485
DF 525E	201	202	< 5	< 0.2	1.74	4	100	< 0.5	4	0.38	1.0	8	78	39	4.08	< 10	< 1	0.04	< 10	0.59	220
DF 550E	201	202	< 5	1.2	1.54	6	180	0.5	6	1.33	2.5	10	85	181	3.39	< 10	< 1	0.10	10	0.63	850
DF 575E	201	202	< 5	0.2	2.68	< 2	300	0.5	< 2	0.41	2.0	15	101	136	5.22	< 10	< 1	0.11	10	0.91	1045
DF 600E	201	202	< 5	< 0.2	1.61	12	90	< 0.5	10	0.26	0.5	10	97	42	4.07	< 10	< 1	0.04	< 10	0.68	255
DF 025W	201	202	< 5	< 0.2	1.31	6	120	< 0.5	6	0.26	0.5	8	88	27	3.13	< 10	< 1	0.06	< 10	0.56	285
DF 050W	201	202	< 5	< 0.2	1.63	< 2	90	< 0.5	< 2	0.18	1.5	7	107	30	4.18	< 10	< 1	0.03	< 10	0.62	210
DF 075W	201	202	< 5	< 0.2	1.37	4	80	< 0.5	4	0.23	0.5	5	84	24	2.43	< 10	< 1	0.05	< 10	0.43	160
DF 100W	201	202	< 5	0.2	1.73	4	120	< 0.5	4	0.50	0.5	7	85	41	3.34	< 10	< 1	0.07	< 10	0.61	255
DF 125W	201	202	< 5	< 0.2	1.50	2	100	< 0.5	2	0.31	0.5	6	93	26	2.87	< 10	< 1	0.06	< 10	0.33	195
DF 150W	201	202	< 5	0.2	2.00	8	100	< 0.5	6	0.44	1.0	12	125	46	4.05	< 10	< 1	0.09	< 10	0.72	400
DF 175W	201	202	< 5	< 0.2	3.48	< 2	360	0.5	< 2	0.71	2.0	18	141	108	4.85	< 10	< 1	0.16	10	1.01	1890
DF 200W	201	202	< 5	< 0.2	1.63	2	130	< 0.5	< 2	0.21	1.0	10	110	27	3.76	< 10	< 1	0.08	< 10	0.52	650
DF 225W	201	202	< 5	< 0.2	2.10	14	90	< 0.5	10	0.50	2.0	16	145	61	4.47	< 10	< 1	0.10	< 10	1.27	570
DF 250W	201	202	< 5	< 0.2	1.98	4	180	< 0.5	4	0.60	2.5	20	154	52	4.13	< 10	< 1	0.10	< 10	1.09	2350
DF 275W	201	202	< 5	0.2	1.44	12	120	< 0.5	10	0.36	1.0	12	125	29	3.54	< 10	< 1	0.08	< 10	0.68	740
DF 300W	201	202	< 5	0.2	2.11	2	150	< 0.5	2	0.30	< 0.5	7	47	36	2.78	< 10	< 1	0.07	< 10	0.64	245
PS 0+25N	201	202	15	0.2	1.44	4	80	< 0.5	4	0.27	1.0	6	59	23	2.57	< 10	< 1	0.04	< 10	0.48	225
PS 0+50N	201	202	< 5	< 0.2	1.26	2	70	< 0.5	2	0.20	0.5	4	90	15	2.01	< 10	< 1	0.04	< 10	0.39	200
PS 0+75N	201	202	< 5	0.2	1.63	8	80	< 0.5	6	0.25	0.5	7	66	23	3.09	< 10	< 1	0.04	< 10	0.65	255
PS 1+00N	201	202	< 5	0.2	1.54	< 2	90	< 0.5	< 2	0.27	0.5	8	95	32	2.97	< 10	< 1	0.06	< 10	0.56	240

CERTIFICATION:

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers
212 Brooksbank Ave., North Vancouver
British Columbia, Canada V7J 2C1
PHONE: 604-984-0221

To: PACIFIC MARINER EXPLORATION LTD. **

1000 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N6

Project : RPF
Comments:

Certificate Date: 16-JUN-94
Invoice No. : I9417522
P.O. Number :
Account : LVH

CERTIFICATE OF ANALYSIS A9417522

SAMPLE	PREP CODE		Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
DF 025E	201	202	2	0.01	37	1440	10	< 2	12	83	0.07	< 10	< 10	109	10	96
DF 050E	201	202	< 1	0.01	18	880	4	< 2	5	56	0.08	< 10	< 10	79	< 10	68
DF 075E	201	202	< 1	0.01	19	1070	6	< 2	7	64	0.05	10	< 10	71	< 10	60
DF 100E	201	202	< 1	0.01	18	540	8	< 2	4	47	0.09	< 10	< 10	101	< 10	74
DF 125E	201	202	< 1	0.01	25	1000	6	< 2	7	58	0.12	< 10	< 10	125	< 10	92
DF 150E	201	202	< 1	0.01	28	1230	8	< 2	11	53	0.10	< 10	< 10	111	< 10	72
DF 175E	201	202	< 1	0.01	18	530	8	< 2	5	47	0.12	< 10	< 10	111	< 10	58
DF 200E	201	202	< 1	0.01	27	1470	8	< 2	6	45	0.11	< 10	< 10	123	< 10	70
DF 225E	201	202	< 1	0.01	31	1120	8	< 2	8	46	0.10	10	< 10	116	< 10	80
DF 250E	201	202	< 1	0.01	38	860	8	< 2	10	46	0.10	10	< 10	113	< 10	88
DF 275E	201	202	< 1	< 0.01	18	2570	12	< 2	4	33	0.07	< 10	< 10	121	< 10	110
DF 300E	201	202	2	0.01	38	1750	14	< 2	7	45	0.06	< 10	< 10	128	10	130
DF 325E	201	202	< 1	< 0.01	15	590	4	< 2	3	31	0.08	< 10	< 10	74	< 10	44
DF 350E	201	202	1	0.01	41	1330	12	< 2	10	41	0.11	< 10	< 10	137	< 10	98
DF 375E	201	202	< 1	0.01	38	1960	16	< 2	8	50	0.08	10	< 10	145	10	122
DF 400E	201	202	< 1	0.01	39	1190	8	< 2	8	36	0.14	< 10	< 10	139	< 10	96
DF 425E	201	202	< 1	0.01	32	890	8	2	7	32	0.10	10	< 10	129	< 10	102
DF 450E	201	202	< 1	< 0.01	21	790	8	< 2	3	27	0.10	10	< 10	93	< 10	84
DF 475E	201	202	< 1	0.01	22	1120	6	< 2	5	33	0.12	10	< 10	89	< 10	62
DF 500E	201	202	< 1	0.01	21	950	6	< 2	6	31	0.11	10	< 10	92	< 10	66
DF 525E	201	202	< 1	0.01	25	1090	< 2	2	4	32	0.10	< 10	< 10	86	< 10	72
DF 550E	201	202	1	0.01	32	880	< 2	2	8	107	0.03	< 10	< 10	67	< 10	76
DF 575E	201	202	1	< 0.01	39	880	4	< 2	7	42	0.04	< 10	< 10	94	< 10	126
DF 600E	201	202	< 1	< 0.01	29	590	< 2	< 2	3	25	0.08	< 10	< 10	83	< 10	56
DF 025W	201	202	< 1	< 0.01	25	750	< 2	< 2	3	25	0.08	< 10	< 10	72	< 10	46
DF 050W	201	202	< 1	< 0.01	30	910	2	< 2	3	18	0.07	< 10	< 10	83	< 10	56
DF 075W	201	202	< 1	< 0.01	24	640	2	< 2	3	21	0.07	< 10	< 10	57	< 10	52
DF 100W	201	202	< 1	0.01	26	720	2	< 2	4	42	0.09	10	< 10	76	< 10	78
DF 125W	201	202	< 1	0.01	24	950	2	< 2	3	33	0.10	< 10	< 10	82	< 10	70
DF 150W	201	202	< 1	0.01	36	1970	< 2	< 2	5	38	0.10	< 10	< 10	105	< 10	76
DF 175W	201	202	1	0.01	49	1340	2	< 2	12	63	0.07	< 10	< 10	112	< 10	138
DF 200W	201	202	1	< 0.01	31	1720	2	< 2	3	21	0.08	< 10	< 10	92	< 10	90
DF 225W	201	202	1	0.01	45	2040	< 2	< 2	7	42	0.09	< 10	< 10	116	< 10	90
DF 250W	201	202	< 1	0.02	46	1070	< 2	< 2	7	49	0.10	< 10	< 10	107	< 10	122
DF 275W	201	202	< 1	0.01	36	1550	2	< 2	3	31	0.07	< 10	< 10	90	< 10	90
DF 300W	201	202	< 1	0.01	18	430	2	< 2	5	41	0.09	< 10	< 10	72	< 10	70
PS 0+25N	201	202	1	0.01	21	730	2	< 2	2	27	0.07	< 10	< 10	70	< 10	56
PS 0+50N	201	202	< 1	< 0.01	25	710	< 2	< 2	3	22	0.07	< 10	< 10	56	< 10	46
PS 0+75N	201	202	1	< 0.01	24	600	< 2	< 2	3	27	0.10	< 10	< 10	80	< 10	58
PS 1+00N	201	202	< 1	< 0.01	27	780	< 2	< 2	4	31	0.08	< 10	< 10	82	< 10	56

CERTIFICATION: John D'Mar

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers
212 Brooksbank Ave., North Vancouver
British Columbia, Canada V7J 2C1
PHONE: 604-984-0221

To: PACIFIC MARINER EXPLORATION LTD. **

1000 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N6

Project : RPF
Comments:

Page Number :2-A
Total Pages :2
Certificate Date: 16-JUN-94
Invoice No. :I9417522
P.O. Number :
Account :LVH

CERTIFICATE OF ANALYSIS A9417522

SAMPLE	PREP CODE		Au ppb FA+AA	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm
PS 1+25N	201	202	< 5	< 0.2	1.73	4	100	< 0.5	4	0.31	1.0	13	120	32	3.97	< 10	< 1	0.07	< 10	0.70	1035
PS 1+65N	201	202	< 5	< 0.2	1.45	4	70	< 0.5	2	0.24	1.0	9	97	28	4.00	< 10	< 1	0.07	< 10	0.47	320
PS 1+75N	201	202	20	< 0.2	1.73	6	90	< 0.5	4	0.26	2.0	13	126	41	4.60	< 10	< 1	0.09	< 10	0.67	705
PS 2+00N	201	202	< 5	< 0.2	1.15	6	160	< 0.5	2	0.31	0.5	9	126	22	3.68	10	< 1	0.10	< 10	0.35	320
PS 2+25N	201	202	15	0.2	2.16	6	620	0.5	8	0.69	1.5	15	135	60	3.71	< 10	< 1	0.10	10	0.78	845
PS 2+50N	201	202	< 5	0.2	1.81	2	210	< 0.5	< 2	0.31	1.5	10	125	31	3.90	< 10	< 1	0.07	< 10	0.50	540
PS 2+75N	201	202	< 5	0.2	2.25	12	140	0.5	14	0.49	2.0	16	128	80	4.25	< 10	< 1	0.11	< 10	1.10	640
PS 3+00N	201	202	< 5	< 0.2	1.73	2	130	< 0.5	4	0.38	1.0	12	137	41	4.12	< 10	< 1	0.09	< 10	0.68	670
PS 3+25N	202	203	< 5	< 0.2	1.87	2	90	< 0.5	8	0.46	1.5	13	136	47	4.04	< 10	< 1	0.10	< 10	0.88	585
PS 3+50N	201	202	< 5	< 0.2	1.55	4	70	< 0.5	< 2	0.28	1.0	7	124	25	3.53	< 10	< 1	0.07	< 10	0.40	230
PS 3+75N	202	203	< 5	0.2	1.55	4	110	< 0.5	4	0.44	1.0	11	145	33	4.15	< 10	< 1	0.10	< 10	0.70	605
PS 4+00N	201	202	< 5	< 0.2	2.07	< 2	90	< 0.5	2	0.21	1.0	7	48	35	2.95	< 10	< 1	0.06	< 10	0.44	255
PS 0+00S	201	202	< 5	0.2	1.67	12	160	< 0.5	6	0.37	1.0	10	60	35	2.97	< 10	< 1	0.06	< 10	0.64	505
PS 0+25S	201	202	< 5	0.2	2.27	6	180	0.5	8	0.61	2.0	13	102	116	3.62	< 10	< 1	0.09	10	0.82	675
PS 0+75S	201	202	< 5	0.6	1.48	< 2	180	< 0.5	2	0.62	1.5	10	94	72	2.66	< 10	< 1	0.06	10	0.57	490
PS 1+00S	201	202	< 5	0.6	1.76	8	210	0.5	4	0.55	0.5	11	94	69	2.72	< 10	< 1	0.06	20	0.58	600
PS 1+50S	201	202	< 5	0.4	1.88	10	160	< 0.5	6	0.46	1.5	12	87	64	3.75	< 10	< 1	0.08	10	0.77	1105
PS 1+75S	201	202	< 5	0.2	1.73	10	90	< 0.5	4	0.41	1.5	9	110	38	3.85	< 10	< 1	0.07	< 10	0.75	285
PS 2+00S	201	202	< 5	0.2	1.51	12	110	< 0.5	< 2	0.25	0.5	8	110	43	3.46	< 10	< 1	0.08	< 10	0.45	270
PS 2+25S	201	202	< 5	0.2	1.31	4	90	< 0.5	< 2	0.31	1.0	7	115	31	3.05	< 10	< 1	0.07	< 10	0.42	695
PS 2+50S	201	202	< 5	0.8	1.75	4	80	< 0.5	< 2	0.29	0.5	7	126	25	3.52	< 10	< 1	0.06	10	0.56	215
PS 2+75S	201	202	20	0.2	1.85	4	90	< 0.5	4	0.45	1.0	10	131	40	3.65	< 10	< 1	0.08	< 10	0.72	325
PS 3+00S	201	202	< 5	0.2	1.70	12	120	< 0.5	2	0.23	0.5	11	131	38	4.15	< 10	< 1	0.08	< 10	0.68	455
PS 3+25S	201	202	< 5	0.2	1.41	< 2	100	< 0.5	< 2	0.24	0.5	6	120	18	2.74	< 10	< 1	0.04	< 10	0.43	210
PS 3+50S	201	202	< 5	0.6	1.59	< 2	80	< 0.5	4	0.26	1.5	7	102	22	3.17	< 10	< 1	0.04	< 10	0.52	190
PS 3+75S	201	202	< 5	0.2	1.96	8	120	< 0.5	6	0.44	1.5	11	140	55	3.58	< 10	< 1	0.08	< 10	0.88	425
PS 4+00S	201	202	< 5	< 0.2	1.25	4	90	< 0.5	< 2	0.28	0.5	7	117	22	2.94	< 10	< 1	0.04	< 10	0.50	205
PS 4+25S	201	202	< 5	0.2	1.65	4	120	< 0.5	4	0.48	1.0	12	125	37	3.35	< 10	< 1	0.07	< 10	0.74	590
PS 4+50S	201	202	< 5	< 0.2	1.47	< 2	60	< 0.5	< 2	0.32	0.5	7	56	21	2.49	< 10	< 1	0.06	< 10	0.60	185
PS 4+75S	201	202	< 5	0.2	1.91	4	120	< 0.5	2	0.29	1.0	8	61	32	3.06	< 10	< 1	0.09	< 10	0.62	265
PS 5+00S	201	202	< 5	0.2	1.91	4	110	< 0.5	4	0.38	0.5	9	96	32	2.66	< 10	< 1	0.08	< 10	0.75	330
PS 5+25S	201	202	< 5	< 0.2	1.97	2	120	< 0.5	4	0.46	0.5	10	105	33	3.13	< 10	< 1	0.10	< 10	0.90	480
PS 5+75S	201	202	< 5	< 0.2	1.97	6	100	< 0.5	4	0.51	0.5	9	106	37	2.94	< 10	< 1	0.08	< 10	0.82	365

CERTIFICATION: Jhai D'Ma

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers
212 Brooksbank Ave., North Vancouver
British Columbia, Canada V7J 2C1
PHONE: 604-984-0221

To: PACIFIC MARINER EXPLORATION LTD. **

1000 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N6

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CERTIFICATE OF ANALYSIS A9417522

SAMPLE	PREP CODE		Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
PS 1+25N	201	202	< 1	< 0.01	33	1430	2	< 2	5	34	0.10	< 10	< 10	108	< 10	80
PS 1+65N	201	202	< 1	< 0.01	25	800	2	< 2	3	28	0.10	< 10	< 10	124	< 10	56
PS 1+75N	201	202	< 1	0.01	33	1250	2	< 2	4	28	0.10	< 10	< 10	130	< 10	74
PS 2+00N	201	202	< 1	< 0.01	29	510	6	< 2	3	38	0.10	< 10	< 10	115	< 10	68
PS 2+25N	201	202	< 1	0.01	39	650	4	< 2	7	203	0.08	< 10	< 10	98	< 10	102
PS 2+50N	201	202	< 1	< 0.01	33	1430	2	< 2	4	38	0.09	< 10	< 10	95	< 10	92
PS 2+75N	201	202	< 1	0.01	43	1350	< 2	< 2	6	49	0.10	< 10	< 10	113	< 10	78
PS 3+00N	201	202	1	0.01	38	1260	2	< 2	4	41	0.10	< 10	< 10	116	< 10	78
PS 3+25N	202	203	< 1	0.01	39	1880	< 2	< 2	4	41	0.09	< 10	< 10	104	< 10	106
PS 3+50N	201	202	< 1	0.01	33	1100	< 2	< 2	3	34	0.09	< 10	< 10	105	< 10	58
PS 3+75N	202	203	< 1	0.01	40	1400	4	< 2	4	42	0.10	< 10	< 10	110	< 10	94
PS 4+00N	201	202	< 1	< 0.01	17	810	4	< 2	4	24	0.09	< 10	< 10	73	< 10	72
PS 0+00S	201	202	1	0.01	26	680	4	< 2	4	35	0.09	< 10	< 10	78	< 10	74
PS 0+25S	201	202	< 1	0.01	40	1110	< 2	< 2	12	53	0.07	< 10	< 10	85	< 10	82
PS 0+75S	201	202	< 1	0.01	32	760	2	< 2	6	56	0.05	< 10	< 10	70	< 10	74
PS 1+00S	201	202	< 1	0.01	28	720	2	< 2	6	55	0.04	< 10	< 10	75	< 10	62
PS 1+50S	201	202	< 1	0.01	27	1400	4	2	5	46	0.08	< 10	< 10	92	< 10	108
PS 1+75S	201	202	< 1	0.01	33	850	< 2	< 2	4	41	0.10	< 10	< 10	98	< 10	62
PS 2+00S	201	202	1	< 0.01	30	1190	2	< 2	4	34	0.07	< 10	< 10	92	< 10	58
PS 2+25S	201	202	1	< 0.01	30	1120	6	< 2	3	35	0.07	< 10	< 10	84	< 10	56
PS 2+50S	201	202	< 1	0.01	35	560	2	< 2	4	36	0.11	< 10	< 10	92	< 10	58
PS 2+75S	201	202	< 1	0.01	39	2080	4	< 2	5	45	0.09	< 10	< 10	97	< 10	70
PS 3+00S	201	202	< 1	< 0.01	39	1260	4	4	4	27	0.08	< 10	< 10	99	< 10	76
PS 3+25S	201	202	< 1	< 0.01	33	1340	2	< 2	2	26	0.07	< 10	< 10	68	< 10	58
PS 3+50S	201	202	< 1	< 0.01	29	1290	2	< 2	3	23	0.08	< 10	< 10	79	< 10	66
PS 3+75S	201	202	< 1	0.01	45	1310	4	< 2	6	38	0.08	< 10	< 10	84	< 10	66
PS 4+00S	201	202	< 1	< 0.01	32	1050	< 2	< 2	3	24	0.08	< 10	< 10	77	< 10	52
PS 4+25S	201	202	< 1	< 0.01	40	1710	< 2	< 2	4	36	0.08	< 10	< 10	85	< 10	68
PS 4+50S	201	202	< 1	0.01	20	930	2	< 2	3	32	0.09	< 10	< 10	69	< 10	52
PS 4+75S	201	202	< 1	< 0.01	24	910	< 2	< 2	4	33	0.09	< 10	< 10	75	< 10	76
PS 5+00S	201	202	< 1	0.01	31	760	2	< 2	5	41	0.09	< 10	< 10	75	< 10	70
PS 5+25S	201	202	< 1	0.01	33	1090	2	< 2	6	48	0.10	< 10	< 10	86	< 10	70
PS 5+75S	201	202	< 1	0.01	33	980	2	< 2	5	50	0.11	< 10	< 10	83	< 10	62

CERTIFICATION: Jhai D Ma

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers
212 Brooksbank Ave., North Vancouver
British Columbia, Canada V7J 2C1
PHONE: 604-984-0221

To: PACIFIC MARINER EXPLORATION LTD.

1000 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N6

INVOICE NUMBER I 9 4 1 7 5 2 3

BILLING INFORMATION

Date: 14-JUN-94
Project: CHRISTINA JEAN
P.O. No.:
Account: LVH

Comments:

Billing: For analysis performed on
Certificate A9417523

Terms: Payment due on receipt of invoice
1.25% per month (15% per annum)
charged on overdue accounts

Please Remit Payments to:

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

# OF SAMPLES	ANALYSED FOR CODE - DESCRIPTION	UNIT PRICE	SAMPLE PRICE	AMOUNT
69	201 - Dry, sieve to -80 mesh	1.10		
	202 - save reject	0.75		
	100 - Au ppb FA+AA	7.95		
	2 - Cu ppm	1.10		
	238 - Nitric-aqua-regia digestion	1.80	12.70	876.30
10	201 - Dry, sieve to -80 mesh	1.10		
	202 - save reject	0.75		
	ICP-32	6.25		
	100 - Au ppb FA+AA	7.95	16.05	160.50

Total Cost $ 1036.80
(Reg# R100938885) GST $ 72.58

TOTAL PAYABLE (CDN) $ 1109.38

Chemex Labs Ltd.

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A9417523

Comments: ATTN: P. SOUTHAW

CERTIFICATE A9417523

PACIFIC MARINER EXPLORATION LTD.

Project: CHRISTINA JEAN
P.O. # :

Samples submitted to our lab in Vancouver, BC.
This report was printed on 13-JUN-94.

SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
201	79	Dry, sieve to -80 mesh
202	79	save reject
238	69	Nitric-aqua-regia digestion
229	10	ICP - AQ Digestion charge

* NOTE 1:

The 32 element ICP package is suitable for trace metals in soil and rock samples. Elements for which the nitric-aqua regia digestion is possibly incomplete are: Al, Ba, Be, Ca, Cr, Ga, K, La, Mg, Na, Sr, Ti, Tl, W.

ANALYTICAL PROCEDURES

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION	METHOD	DETECTION LIMIT	UPPER LIMIT
100	79	Au ppb: Fuse 10 g sample	FA-AAS	5	10000
2	69	Cu ppm: HNO3-aqua regia digest	AAS	1	10000
2118	10	Ag ppm: 32 element, soil & rock	ICP-AES	0.2	200
2119	10	Al %: 32 element, soil & rock	ICP-AES	0.01	15.00
2120	10	As ppm: 32 element, soil & rock	ICP-AES	2	10000
2121	10	Ba ppm: 32 element, soil & rock	ICP-AES	10	10000
2122	10	Be ppm: 32 element, soil & rock	ICP-AES	0.5	100.0
2123	10	Bi ppm: 32 element, soil & rock	ICP-AES	2	10000
2124	10	Ca %: 32 element, soil & rock	ICP-AES	0.01	15.00
2125	10	Cd ppm: 32 element, soil & rock	ICP-AES	0.5	100.0
2126	10	Co ppm: 32 element, soil & rock	ICP-AES	1	10000
2127	10	Cr ppm: 32 element, soil & rock	ICP-AES	1	10000
2128	10	Cu ppm: 32 element, soil & rock	ICP-AES	1	10000
2150	10	Fe %: 32 element, soil & rock	ICP-AES	0.01	15.00
2130	10	Ga ppm: 32 element, soil & rock	ICP-AES	10	10000
2131	10	Hg ppm: 32 element, soil & rock	ICP-AES	1	10000
2132	10	K %: 32 element, soil & rock	ICP-AES	0.01	10.00
2151	10	La ppm: 32 element, soil & rock	ICP-AES	10	10000
2134	10	Mg %: 32 element, soil & rock	ICP-AES	0.01	15.00
2135	10	Mn ppm: 32 element, soil & rock	ICP-AES	5	10000
2136	10	Mo ppm: 32 element, soil & rock	ICP-AES	1	10000
2137	10	Na %: 32 element, soil & rock	ICP-AES	0.01	5.00
2138	10	Ni ppm: 32 element, soil & rock	ICP-AES	1	10000
2139	10	P ppm: 32 element, soil & rock	ICP-AES	10	10000
2140	10	Pb ppm: 32 element, soil & rock	ICP-AES	2	10000
2141	10	Sb ppm: 32 element, soil & rock	ICP-AES	2	10000
2142	10	Sc ppm: 32 elements, soil & rock	ICP-AES	1	10000
2143	10	Sr ppm: 32 element, soil & rock	ICP-AES	1	10000
2144	10	Ti %: 32 element, soil & rock	ICP-AES	0.01	5.00
2145	10	Tl ppm: 32 element, soil & rock	ICP-AES	10	10000
2146	10	U ppm: 32 element, soil & rock	ICP-AES	10	10000
2147	10	V ppm: 32 element, soil & rock	ICP-AES	1	10000
2148	10	W ppm: 32 element, soil & rock	ICP-AES	10	10000
2149	10	Zn ppm: 32 element, soil & rock	ICP-AES	2	10000

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Project : CHRISTINA JEAN
Comments: ATTN: P. SOUTHAW

Page Number :1-A
Total Pages :2
Certificate Date: 13-JUN-94
Invoice No. :I9417523
P.O. Number :
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CERTIFICATE OF ANALYSIS A9417523

SAMPLE	PREP CODE		Au ppb FA+AA	Cu ppm	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %
CJ ON 0+00E	201	202	< 5	24	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
CJ ON 0+25E	201	202	< 5	22	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
CJ ON 0+50E	201	202	< 5	45	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
CJ ON 0+75E	201	202	< 5	33	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
CJ ON 1+00E	201	202	< 5	88	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
CJ ON 1+25E	201	202	< 5	85	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
CJ ON 1+50E	201	202	585	47	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
CJ ON 1+75E	201	202	< 5	138	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
CJ ON 2+00E	201	202	20	83	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
CJ ON 2+25E	201	202	10	150	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
CJ ON 2+50E	201	202	< 5	72	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
CJ ON 2+75E	201	202	< 5	5	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
CJ ON 3+00E	201	202	< 5	148	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
CJ ON 3+25E	201	202	< 5	82	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
CJ ON 3+50E	201	202	< 5	36	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
CJ ON 3+75E	201	202	< 5	32	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
CJ ON 4+00E	201	202	< 5	69	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
CJ ON 4+25E	201	202	< 5	62	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
CJ ON 4+50E	201	202	< 5	112	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
CJ ON 4+75E	201	202	< 5	120	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
CJ ON 5+00E	201	202	< 5	114	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
CJ ON 0+25W	201	202	< 5	27	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
CJ ON 0+50W	201	202	30	37	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
CJ ON 0+75W	201	202	25	19	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
CJ ON 1+00W	201	202	5	33	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
CJ ON 1+25W	201	202	< 5	20	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
CJ ON 1+50W	201	202	< 5	18	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
CJ ON 1+75W	201	202	< 5	26	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
CJ ON 2+00W	201	202	< 5	35	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
CJ ON 2+25W	201	202	< 5	21	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
CJ ON 2+50W	201	202	< 5	27	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
CJ ON 2+75W	201	202	< 5	18	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
CJ ON 3+00W	201	202	< 5	35	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
CJ ON 3+25W	201	202	< 5	5	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
CJ ON 3+50W	201	202	< 5	21	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
CJ ON 3+75W	201	202	30	32	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
CJ ON 4+00W	201	202	< 5	40	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
CJ ON 4+25W	201	202	25	41	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
CJ ON 4+50W	201	202	10	32	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
CJ ON 4+75W	201	202	< 5	41	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----

CERTIFICATION: Hart Bichler

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

212 Brooksbank Ave., North Vancouver
British Columbia, Canada V7J 2C1
PHONE: 604-984-0221

To: PACIFIC MARINER EXPLORATION LTD. **

1000 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N6

Project : CHRISTINA JEAN
Comments: ATTN: P. SOUTHAW

Page Number :2-A
Total Pages :2
Certificate Date: 13-JUN-94
Invoice No. :I9417523
P.O. Number :
Account :LVH

CERTIFICATE OF ANALYSIS A9417523

SAMPLE	PREP CODE		Au ppb FA+AA	Cu ppm	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %
CJ 0N 5+00W	201	202	< 5	33	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
CJ 1+00N 0+75E	201	202	< 5	24	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
CJ 1+00N 1+00E	201	202	80	17	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
CJ 1+00N 1+25E	201	202	< 5	17	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
CJ 1+00N 1+50E	201	202	25	102	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
CJ 1+00N 2+00E	201	202	15	31	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
CJ 1+00N 2+25E	201	202	< 5	23	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
CJ 1+00N 2+50E	201	202	< 5	50	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
CJ 1+00N 2+75E	201	202	< 5	20	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
CJ 1+00N 3+00E	201	202	< 5	28	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
CJ 1+00N 3+25E	201	202	< 5	60	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
CJ 1+00N 3+50E	201	202	< 5	33	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
CJ 1+00N 3+75E	201	202	< 5	-----	0.2	2.13	4	90	< 0.5	4	0.47	1.5	11	96	47	3.80	< 10	< 1	0.06	< 10	0.91
CJ 1+00N 4+00E	201	202	< 5	-----	0.2	1.35	< 2	70	< 0.5	< 2	0.51	0.5	6	85	22	2.18	< 10	< 1	0.08	< 10	0.54
CJ 1+00N 4+25E	201	202	< 5	-----	0.2	2.39	4	90	< 0.5	4	0.52	1.5	12	110	57	3.77	< 10	< 1	0.09	< 10	1.02
CJ 1+00N 4+50E	201	202	< 5	-----	< 0.2	1.74	4	70	< 0.5	2	0.45	1.0	8	98	27	2.83	< 10	< 1	0.05	< 10	0.77
CJ 1+00N 4+75E	201	202	60	-----	0.2	1.73	2	90	< 0.5	2	0.44	1.0	10	104	46	3.26	< 10	< 1	0.07	< 10	0.86
CJ 1+00N 5+00E	201	202	< 5	-----	< 0.2	1.92	4	90	< 0.5	4	0.44	0.5	9	104	45	3.09	< 10	< 1	0.06	< 10	0.86
CJ 1+00N 0+00W	201	202	< 5	27	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
CJ 1+00N 0+25W	201	202	< 5	19	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
CJ 1+00N 0+50W	201	202	< 5	43	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
CJ 1+00N 0+75W	201	202	< 5	25	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
CJ 1+00N 1+00W	201	202	< 5	27	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
CJ 1+00N 1+25W	201	202	< 5	-----	0.2	1.95	10	80	< 0.5	< 2	0.27	1.0	8	92	26	3.84	< 10	< 1	0.05	< 10	0.47
CJ 1+00N 1+50W	201	202	< 5	-----	< 0.2	1.75	4	60	< 0.5	< 2	0.23	0.5	6	89	22	3.08	< 10	< 1	0.04	< 10	0.39
CJ 1+00N 1+75W	201	202	< 5	-----	< 0.2	1.44	4	60	< 0.5	< 2	0.33	< 0.5	4	56	15	2.03	< 10	< 1	0.04	< 10	0.39
CJ 1+00N 2+00W	201	202	< 5	-----	< 0.2	2.15	6	110	< 0.5	< 2	0.40	0.5	8	96	34	2.61	< 10	< 1	0.07	10	0.56
CJ 1+00N 2+25W	201	202	< 5	81	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
CJ 1+00N 2+50W	201	202	< 5	3	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
CJ 1+00N 2+75W	201	202	< 5	7	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
CJ 1+00N 3+00W	201	202	< 5	33	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
CJ 1+00N 3+25W	201	202	25	17	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
CJ 1+00N 3+50W	201	202	< 5	25	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
CJ 1+00N 3+75W	201	202	< 5	15	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
CJ 1+00N 4+00W	201	202	< 5	25	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
CJ 1+00N 4+25W	201	202	< 5	17	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
CJ 1+00N 4+50W	201	202	< 5	15	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
CJ 1+00N 4+75W	201	202	< 5	11	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
CJ 1+00N 5+00W	201	202	< 5	39	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----

CERTIFICATION: Hart Bichler

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Invoice No. :I9417523
P.O. Number :
Account :LVH

CERTIFICATE OF ANALYSIS A9417523

SAMPLE	PREP CODE		Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
CJ 0N 5+00W	201	202	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
CJ 1+00N 0+75E	201	202	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
CJ 1+00N 1+00E	201	202	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
CJ 1+00N 1+25E	201	202	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
CJ 1+00N 1+50E	201	202	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
CJ 1+00N 2+00E	201	202	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
CJ 1+00N 2+25E	201	202	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
CJ 1+00N 2+50E	201	202	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
CJ 1+00N 2+75E	201	202	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
CJ 1+00N 3+00E	201	202	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
CJ 1+00N 3+25E	201	202	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
CJ 1+00N 3+50E	201	202	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
CJ 1+00N 3+75E	201	202	300	< 1	0.01	30	1030	2	2	4	53	0.17	< 10	< 10	99	< 10	64
CJ 1+00N 4+00E	201	202	240	< 1	0.01	24	840	2	< 2	4	57	0.14	< 10	< 10	69	< 10	44
CJ 1+00N 4+25E	201	202	330	< 1	0.01	34	740	< 2	< 2	5	61	0.19	< 10	< 10	105	< 10	78
CJ 1+00N 4+50E	201	202	255	1	0.01	27	550	4	< 2	4	52	0.19	< 10	< 10	90	< 10	52
CJ 1+00N 4+75E	201	202	295	< 1	< 0.01	31	780	< 2	2	4	44	0.16	< 10	< 10	91	< 10	60
CJ 1+00N 5+00E	201	202	365	1	< 0.01	30	630	< 2	< 2	4	44	0.16	< 10	< 10	78	< 10	64
CJ 1+00N 0+00W	201	202	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
CJ 1+00N 0+25W	201	202	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
CJ 1+00N 0+50W	201	202	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
CJ 1+00N 0+75W	201	202	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
CJ 1+00N 1+00W	201	202	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
CJ 1+00N 1+25W	201	202	245	< 1	< 0.01	27	1500	2	< 2	3	24	0.10	< 10	< 10	83	< 10	72
CJ 1+00N 1+50W	201	202	170	1	< 0.01	24	1090	< 2	< 2	3	25	0.11	< 10	< 10	78	< 10	40
CJ 1+00N 1+75W	201	202	190	< 1	0.01	23	410	2	2	3	37	0.12	< 10	< 10	58	< 10	36
CJ 1+00N 2+00W	201	202	225	2	0.01	32	450	6	2	4	42	0.11	< 10	< 10	66	< 10	72
CJ 1+00N 2+25W	201	202	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
CJ 1+00N 2+50W	201	202	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
CJ 1+00N 2+75W	201	202	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
CJ 1+00N 3+00W	201	202	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
CJ 1+00N 3+25W	201	202	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
CJ 1+00N 3+50W	201	202	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
CJ 1+00N 3+75W	201	202	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
CJ 1+00N 4+00W	201	202	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
CJ 1+00N 4+25W	201	202	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
CJ 1+00N 4+50W	201	202	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
CJ 1+00N 4+75W	201	202	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
CJ 1+00N 5+00W	201	202	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----

CERTIFICATION: Hart Bichler

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers
212 Brooksbank Ave., North Vancouver
British Columbia, Canada V7J 2C1
PHONE: 604-984-0221

To: WEALTH RESOURCES LTD.

1000 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N6

INVOICE NUMBER I 9 4 1 8 5 5 1

BILLING INFORMATION

Date: 5-JUL-94
Project: G. HAWK/STARBUCK/CJ
P.O. No.:
Account: GDR

Comments:

Billing: For analysis performed on
Certificate A9418551

Terms: Payment due on receipt of invoice
1.25% per month (15% per annum)
charged on overdue accounts

Please Remit Payments to:

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

# OF SAMPLES	ANALYSED FOR CODE - DESCRIPTION	UNIT PRICE	SAMPLE PRICE	AMOUNT
3	205 - Geochem ring to approx 150 mesh	2.50		
	226 - 0-5 lb crush and split	2.05		
	A-413 XRF - Basic W.R.A.	21.00		
	100 - Au ppb FA+AA	7.95		
	2 - Cu ppm	1.10		
	238 - Nitric-aqua-regia digestion	1.80	36.40	109.20

Total Cost $	109.20
(Reg# R100938885) GST $	7.64
TOTAL PAYABLE (CDN) $	**116.84**

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers
212 Brooksbank Ave., North Vancouver
British Columbia, Canada V7J 2C1
PHONE: 604-984-0221

To: WEALTH RESOURCES LTD.

1000 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N6

A9418551

Comments: ATTN: P. SOUTHAM

CERTIFICATE A9418551

WEALTH RESOURCES LTD.

Project: G. HAWK/STARBUCK/CJ
P.O. # :

Samples submitted to our lab in Vancouver, BC.
This report was printed on 4-JUL-94.

SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
205	3	Geochem ring to approx 150 mesh
226	3	0-5 lb crush and split
238	3	Nitric-aqua-regia digestion

ANALYTICAL PROCEDURES

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION	METHOD	DETECTION LIMIT	UPPER LIMIT
100	3	Au ppb: Fuse 10 g sample	FA-AAS	5	10000
2	3	Cu ppm: HNO3-aqua regia digest	AAS	1	10000
902	3	Al2O3 %: XRF	XRF	0.01	100.00
906	3	CaO %: XRF	XRF	0.01	100.00
2590	3	Cr2O3 %: XRF	XRF	0.01	100.00
903	3	Fe2O3 %: XRF	XRF	0.01	100.00
908	3	K2O %: XRF	XRF	0.01	100.00
905	3	MgO %: XRF	XRF	0.01	100.00
1989	3	MnO %: XRF	XRF	0.01	100.00
907	3	Na2O %: XRF	XRF	0.01	100.00
909	3	P2O5 %: XRF	XRF	0.01	100.00
901	3	SiO2 %: XRF	XRF	0.01	100.00
904	3	TiO2 %: XRF	XRF	0.01	100.00
910	3	LOI %: XRF	XRF	0.01	100.00
2540	3	Total %	CALCULATION	0.01	105.00

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers
212 Brooksbank Ave., North Vancouver
British Columbia, Canada V7J 2C1
PHONE: 604-984-0221

To: WEALTH RESOURCES LTD. **

1000 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N6

Project : G. HAWK/STARBUCK/CJ
Comments: ATTN: P. SOUTHAM

Page Number : 1
Total Pages : 1
Certificate Date: 04-JUL-94
Invoice No. : I9418551
P.O. Number :
Account : GDR

CERTIFICATE OF ANALYSIS A9418551

SAMPLE	PREP CODE		Au ppb FA+AA	CuAl2O3 % ppm	XRF	CaO % XRF	Cr2O3 % XRF	Fe2O3 % XRF	K2O % XRF	MgO % XRF	MnO % XRF	Na2O % XRF	P2O5 % XRF	SiO2 % XRF	TiO2 % XRF	LOI % XRF	TOTAL %
CJ 1+00N 1+25W	205	226	< 5	79	16.28	0.40	0.03	3.27	5.54	0.71	0.05	4.74	0.12	67.58	0.27	1.33	100.30
CJ 1+00N 3+50W	205	226	< 5	7	16.20	0.36	0.03	2.99	5.36	0.83	0.07	4.90	0.13	68.14	0.26	1.51	100.80
CJ 1+00N 4+25E	205	226	< 5	17	16.12	6.13	0.07	8.96	1.14	5.55	0.18	4.27	0.37	54.84	0.77	2.56	100.95

CERTIFICATION: