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VANCOUVER, B.C.**

GEOLOGICAL SURVEY BRANCH
ASSESSMENT REPORTS

DATE RECEIVED

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GEOCHEMICAL REPORT
ON THE
CJ PROPERTY

OMINECA MINING DIVISION, BC

NTS 93 0/4

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.)

FILMED

October, 1995

**GEOLOGICAL BRANCH
ASSESSMENT REPORT**

24,096

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LOCATION AND ACCESS

The property is 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 Christina Jean claim is centered on 55° 03' north latitude and 123° 54' west longitude on NTS sheet 93 O/4. It is 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 property (figure 2) consists of 3 four-post and 15 two-post mineral claims listed in Table 1.

HISTORY

The property is located 10 kilometers southeast of Placer Dome's Mt. Milligan copper/gold porphyry deposit. 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 under the property (figure 3) known as the "K6" anomaly. The property was optioned by Pacific Mariner Exploration Ltd. in February 1994. Soil sampling was completed over the heart of the potassic halo in the spring of 1994, and three diamond drill holes were completed in August, 1994 to test the anomaly at depth. The drilling returned low but significant values of copper and gold.

PACIFIC MARINER EXPLORATIONS LTD.

CJ PROPERTY

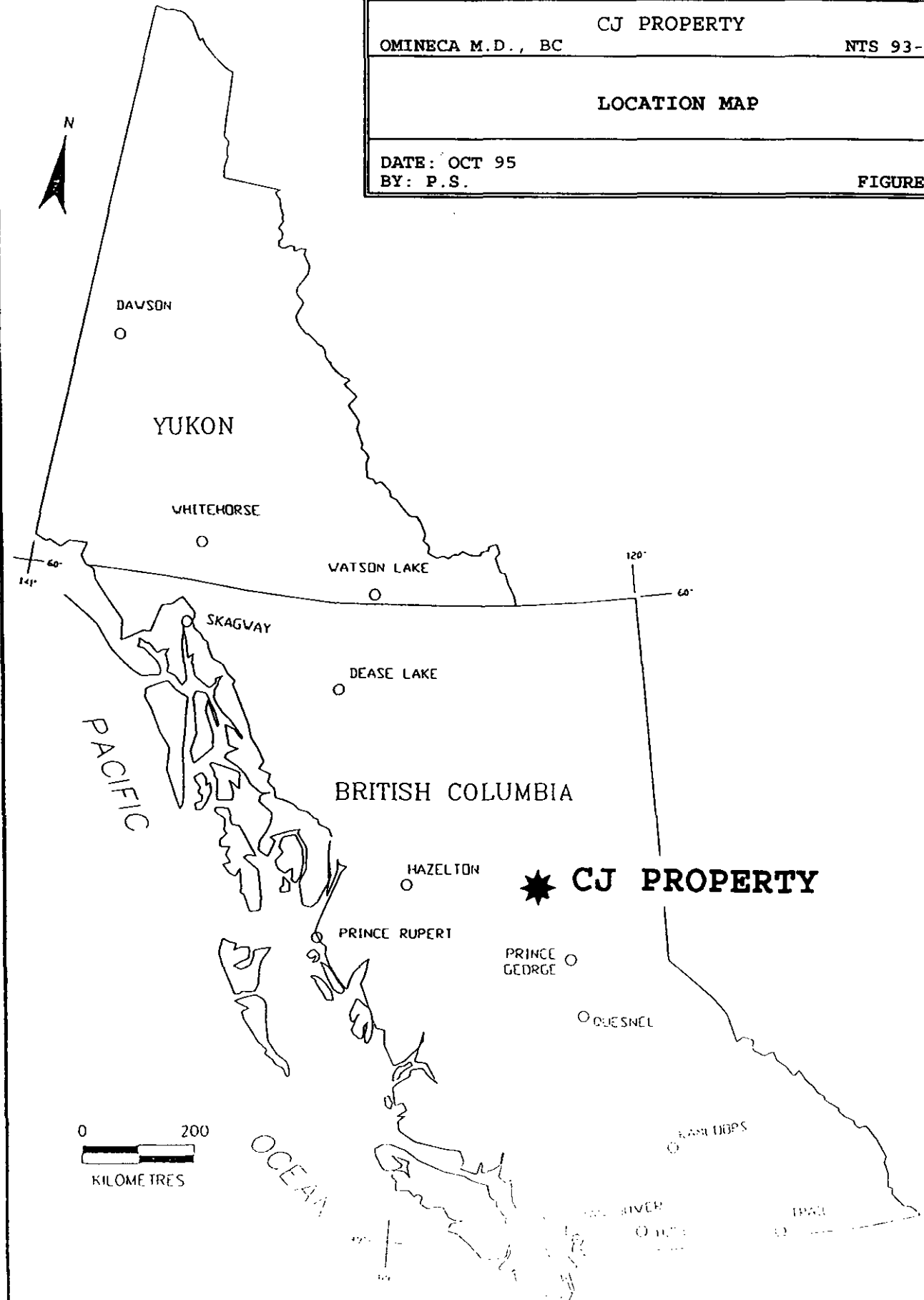
OMINECA M.D., BC

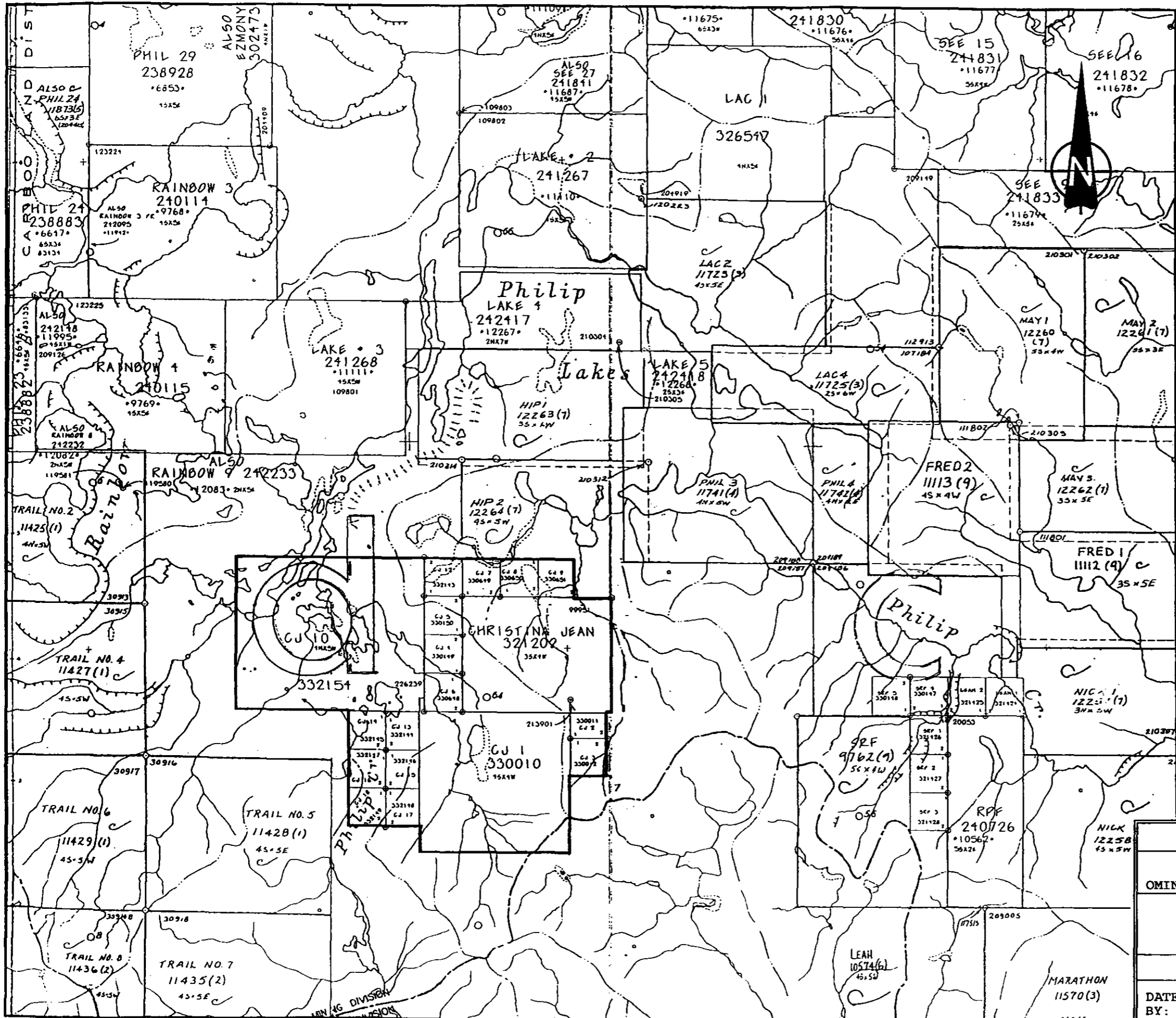
NTS 93-0-4

LOCATION MAP

DATE: OCT 95
BY: P.S.

FIGURE 1





PACIFIC MARINER EXPLORATIONS LTD.	
OMINECA M.D., BC	NTS 93-O-4
CLAIM MAP	
SCALE 1 : 50,000	
DATE: OCT 95	
BY: P.S.	
FIGURE 2	

Table 1 - Claims List

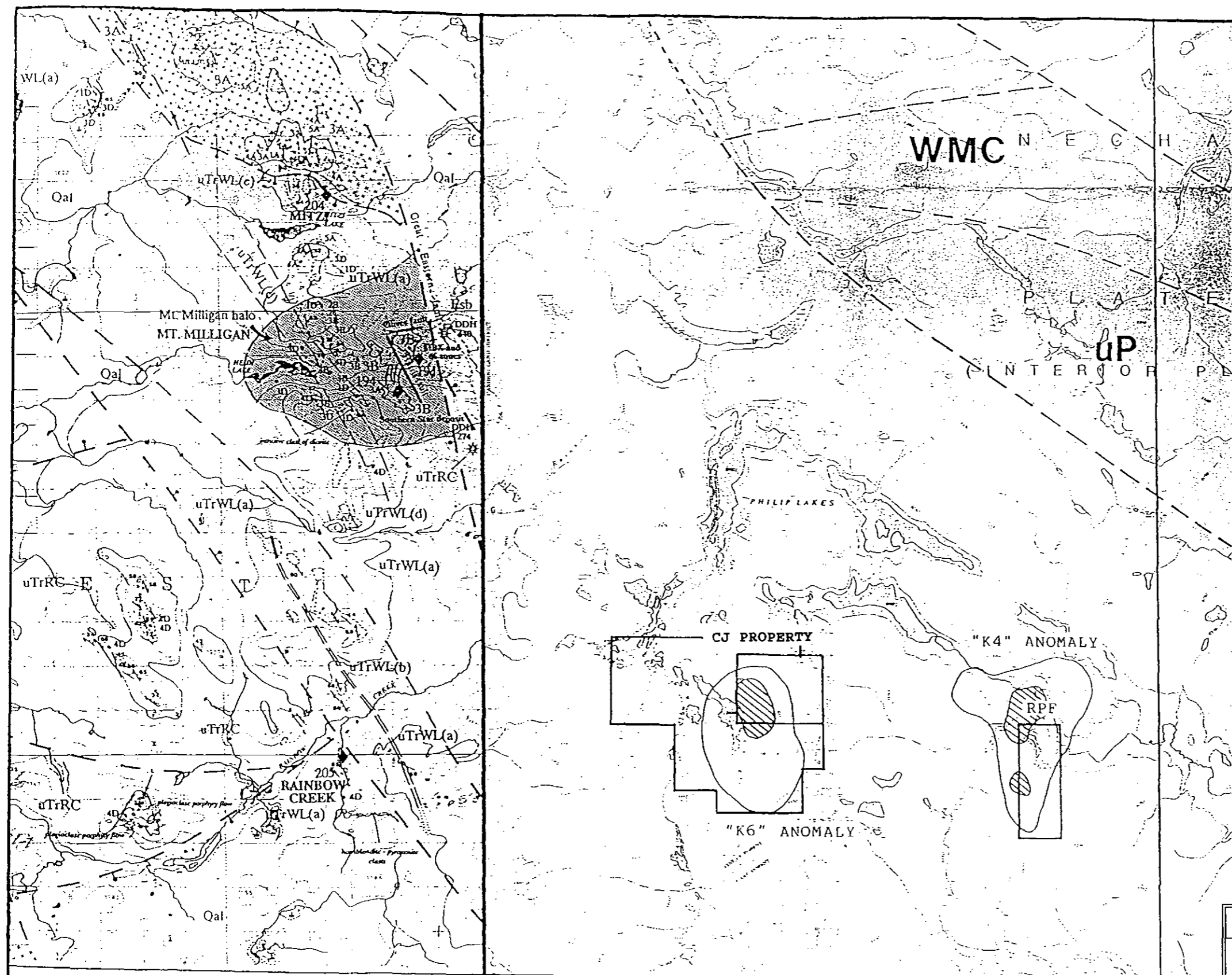
<u>CLAIM NAME</u>	<u>RECORD No.</u>	<u>UNITS</u>	<u>EXPIRY DATE*</u>	<u>OWNER</u>
Christina Jean	321202	12	Sept. 29/96	Dave Forshaw
CJ 1	330010	16	Aug 19/2000	PMR
CJ 2	330011	1	Aug 18/2000	PMR
CJ 3	330012	1	Aug 18/2000	PMR
CJ 4	330149	1	Aug 22/2000	PMR
CJ 5	330150	1	Aug 24/2000	PMR
CJ 6	330648	1	Sept. 12/96	PMR
CJ 7	330649	1	Sept. 12/96	PMR
CJ 8	330650	1	Sept. 12/96	PMR
CJ 9	330651	1	Sept. 12/96	PMR
CJ 10	332154	20	Oct. 28/96	PMR
CJ 12	332143	1	Oct. 27/96	PMR
CJ 13	332144	1	Oct. 28/96	PMR
CJ 14	332145	1	Oct. 28/96	PMR
CJ 15	332146	1	Oct. 28/96	PMR
CJ 16	332147	1	Oct. 28/96	PMR
CJ 17	332148	1	Oct. 28/96	PMR
CJ 18	332149	1	Oct. 28/96	PMR

* With acceptance of this report.
 PMR - Pacific Mariner Explorations Ltd.

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 3) composed of Upper Triassic Takla Group andesitic to basaltic massive volcanic flows, sills and volcanoclastic 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



LEGENO

- LAYERED ROCKS
- QUATERNARY
- Qal UNCONSOLIDATED GLACIAL TILL AND ALLUVIUM
 - Ob OLIVINE-BEARING BASALT
- Eocene - Oligocene
- Esb VOLCANIC WACKE, PLANT-BEARING, VOLCANIC ASH-RICH MUDSTONE AND BASALT
- UPPER TRIASSIC (- JURASSIC)
- TAKLA GROUP
- uTrCL CHURCH 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 = HORNBLEND) 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 ARGILLACEOUS 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: GRAY SLATE, THIN BEDDED SILTSTONE, MINOR VOLCANIC SEDIMENTS

- INTRUSIVE ROCKS
- LATE CRETACEOUS-EARLY TERTIARY
- 1 GRANITE SUITE: (1A) COARSE TO MEDIUM GRAINED, EQUIGRANULAR GRANITE; (1B) AMPHIBOLITE/DIORITE
- LATE TRIASSIC-EARLY JURASSIC
- 2 SYENITE SUITE: (2A) COARSE TO MEDIUM GRAINED, EQUIGRANULAR SYENITE; (2B) CROWDED PLAGIOCLASE PORPHYRY SYENITE; (2C) MEGACRYSTIC SYENITE
 - 3 MONZONITE SUITE: (3A) COARSE TO MEDIUM GRAINED, EQUIGRANULAR MONZONITE; (3B) CROWDED PLAGIOCLASE PORPHYRY MONZONITE; (3C) MEGACRYSTIC PLAGIOCLASE MONZONITE; (3D) SPARSELY PORPHYRY LATITE
 - 4 DIORITE/MONZODIORITE SUITE: (4A) COARSE TO MEDIUM GRAINED, EQUIGRANULAR DIORITE/MONZODIORITE; (4B) CROWDED PLAGIOCLASE PORPHYRY DIORITE; (4C) MEGACRYSTIC PLAGIOCLASE (= AUGITE) PORPHYRY DIORITE; (4D) SPARSELY PORPHYRY 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 Geological Highway Map No. 3

PACIFIC MARINER EXPLORATIONS LTD.	
CJ PROPERTY	
OMINECA M.D., BC	NTS 93-0-4
REGIONAL GEOLOGY FROM BC OPEN FILE 2535	
SCALE 1 : 100,000	
DATE: OCT 95	
BY: P.S.	
FIGURE 3	

Scale = 1:100 000



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

Prospecting on the Christina Jean property identified subcrop/float of propylitically altered augite porphyritic volcanic of the Takla Group. Epidote and/or potassium alteration is abundant throughout the volcanic float, tinting it pink and light green. Traces of fine grained disseminated pyrite are also evident. The source of the alteration appears to be an intrusion of potassically-altered diorite indicated by abundant angular float to the northwest in the west-central part of the Christina Jean claim. This "subcrop" of diorite is located at the center of the "K6" potassic anomaly identified by the AGRS survey.

Diamond drilling in 1994 (Southam, 1994) revealed the nature of the underlying bedrock. Rock types found in core are similar to the surface float, including silicified and potassically altered diorite, silicified and/or propylitically altered mafic volcanic/mafic schist and propylitically altered gabbro. Disseminated pyrite occurred throughout most of the core. Pyrrhotite was often associated with the pyrite in the diorite and gabbro. Chalcopyrite occurred in quartz veins and silicified zones in the diorite and mafic volcanics and as disseminated mineralization through the gabbro. Faults in the lower part of drill hole CJ94-1 correspond with a northeast-trending depression north of the drill hole collar.

WORK PROGRAM

Two lines of soil samples (table 2) were taken across the north central part of the property to determine the potential for mineralization to the north and west of the drilling. The lines (figure 2) start from the 2 north-0 west identification post of the

CJ10 claim and extend 290 meters west (2N line), 300 meters south from a station 550 (6W line) meters due west of the start point, and 1285 meters east from the start point (2N line). Station 7+50E on line 2N lies 50 meters north of the collar of diamond drill hole CJ94-2 which encountered 51.7 meters of 0.02% Cu.

Table 2 - Sample Data

<u>Line Name</u>	<u>Line Kilometers</u>	<u>No. of Samples</u>	<u>Sample Spacing</u>
CJ10, 2N	1.58	33	50 m
CJ10, 6W	0.3	7	50 m

GEOCHEMICAL SURVEY METHOD

Sample stations are at 50 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.

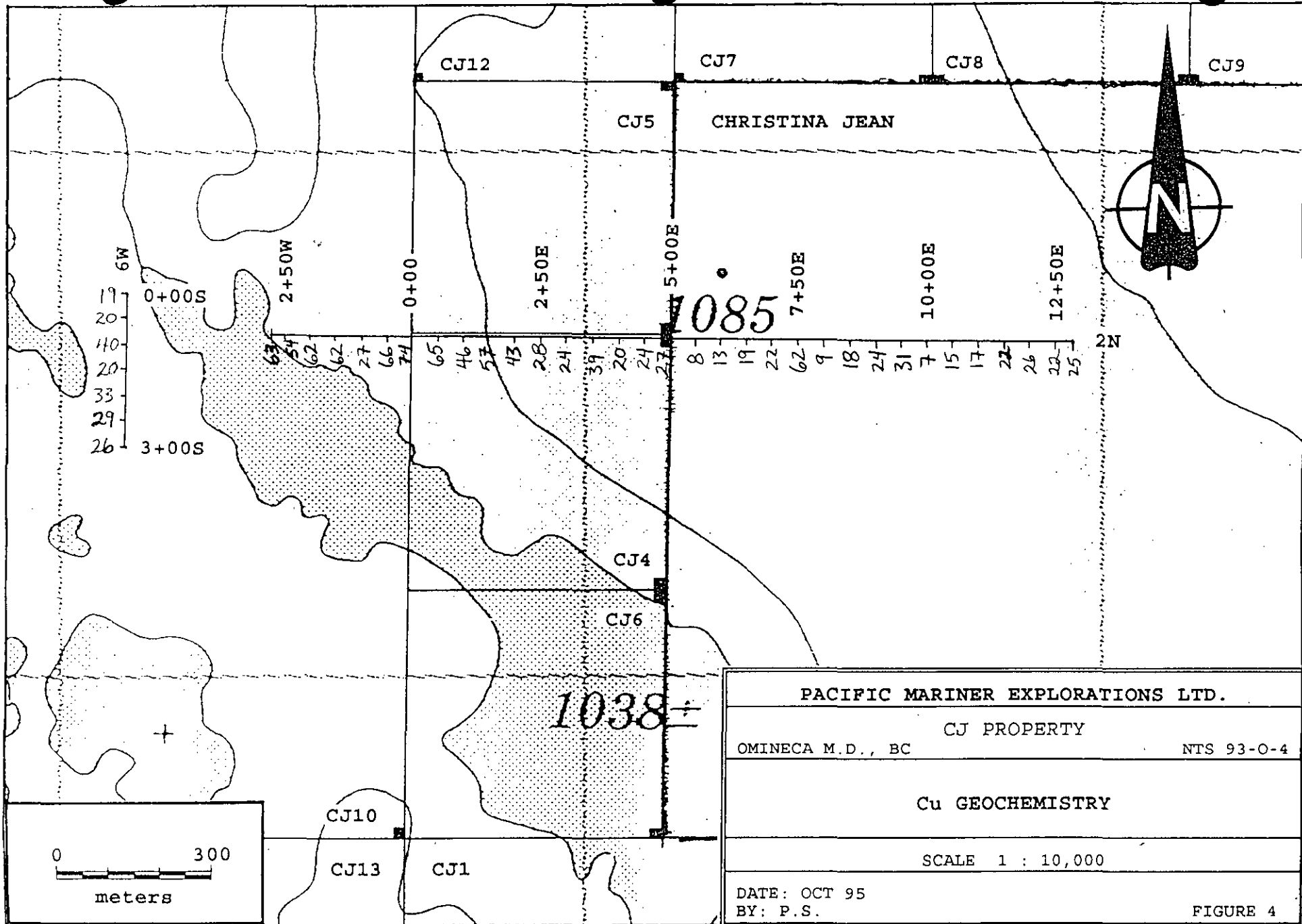
GEOCHEMICAL SURVEY RESULTS

The copper results of the survey (figures 4) were weakly anomalous with a high of 74 ppm, however they were consistently high west of 2+50E on line 2N suggesting a subtle enrichment near the lake. The gold results (figure 5) returned only four anomalous samples which are widely spaced. The highest gold was 225 ppb, however the sample location, 6W/3+00S, is on the top of a large esker, so its significance is suspect.

SUMMARY AND CONCLUSIONS

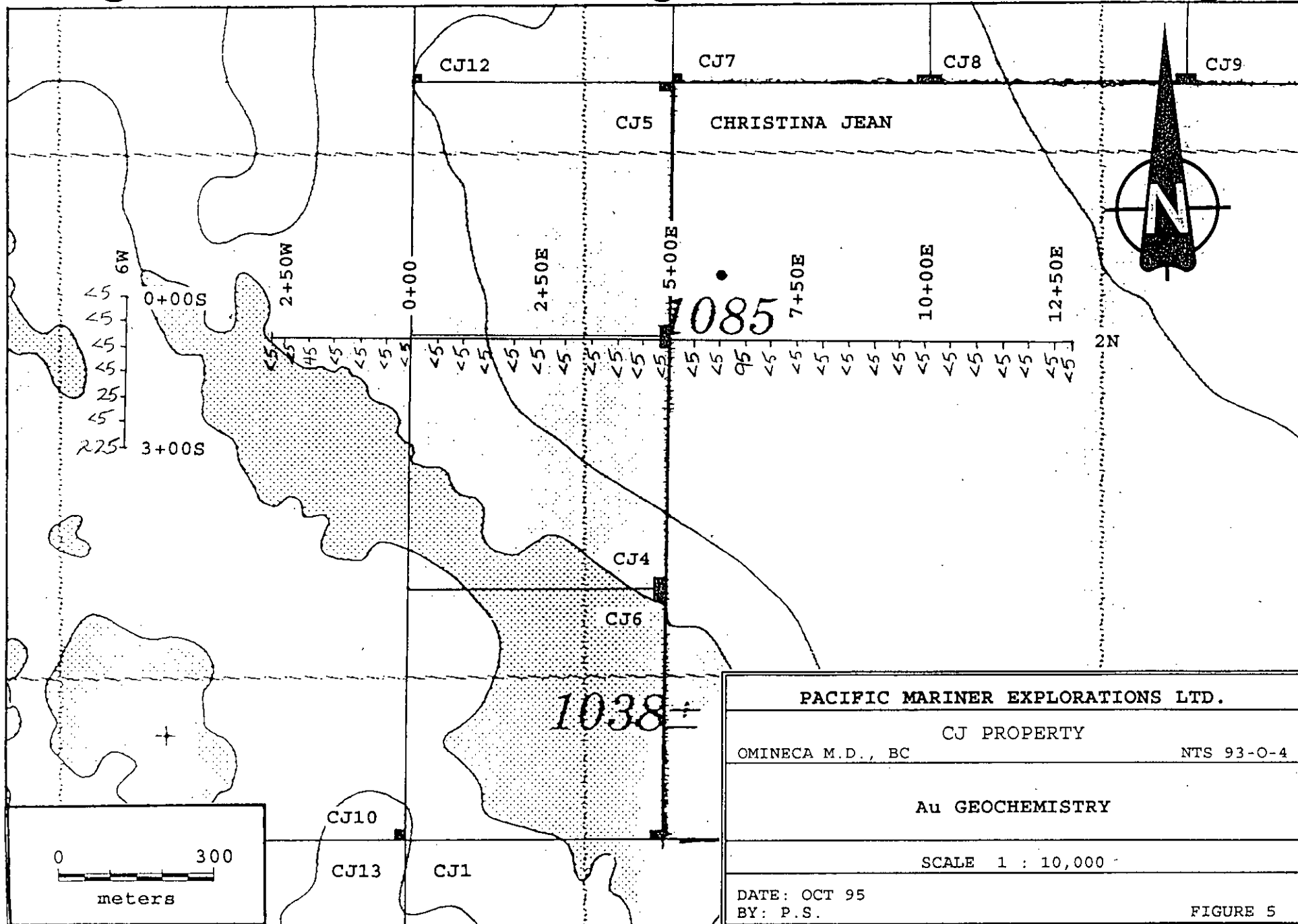
The claims are underlain by rocks of the Quesnel Belt which are known to host a number of copper-gold porphyry deposits associated with alkalic magmatism including, most recently, the Mount Milligan deposit which lies just 10 kilometers to the northwest. An AGRS survey of the area, conducted by the GSC, identified the potassic halo of Mount Milligan and other known deposits in the area as well as several new targets. The CJ property covers one of the new targets known as the "K6" anomaly.

A comparison of the soil sampling results with previous soil sampling on the property and around the area suggest low grade mineralization may occur near the lake on the east side. This



DATE: OCT 95
 BY: P.S.

FIGURE 4



PACIFIC MARINER EXPLORATIONS LTD.

CJ PROPERTY

OMINECA M.D., BC

NTS 93-O-4

Au GEOCHEMISTRY

SCALE 1 : 10,000

DATE: OCT 95

BY: P.S.

FIGURE 5

anomalous area lies west of diamond drill hole CJ94-2 which intersected 51.7 meters of 0.02% copper mineralization. The area to the west of the lake appears to have thick overburden cover, a serious detriment to exploration for open pit ore reserves.

The property requires a large program of line cutting, IP and magnetic geophysical surveying, soil sampling, and diamond drilling. The previous wildcat diamond drilling has indicated the presence of favourable alteration and mineralization worthy of a detailed follow-up.

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
- SOUTHAM, P.; Geochemical report on the RPF and Christina Jean claims, Omineca mining division, BC; BC assessment report submitted August, 1994.
- SOUTHAM, P.; Diamond drilling report on the RPF and Christina Jean claims, Omineca mining division, BC; BC assessment report submitted June, 1995.

APPENDIX I

STATEMENT OF EXPENDITURES

CJ PROPERTY - EXPENDITURES

SALARIES

Phil Southam - 1 manday @ \$180/day	180
Report preparation - P. Southam - 1 manday @ \$180/day	180

GEOCHEMICAL ANALYSIS

40 soil samples @ \$17.92/sample	717
----------------------------------	-----

LOGISTICAL COSTS

Food and lodging	84
Sample shipping	46
Vehicle fuel and maintenance	60

FILING FEES

190

SUBTOTAL

1267 1457

Administration Fee (15%)
GST on administration (#126616507)

190 218
13 15

ASSESSMENT TOTAL

1470 \$1690

Portable Assessment Credit

210

TOTAL

\$1900

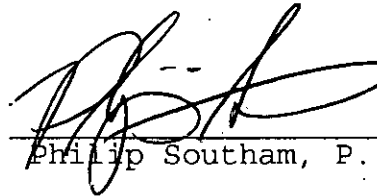
APPENDIX II

STATEMENT OF QUALIFICATIONS

STATEMENT OF QUALIFICATIONS

I, Philip James Southam of 103-6615 Telford Avenue, Burnaby, 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).

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).

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.

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

PACIFIC MARINER EXPLORATION LTD.

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

INVOICE NUMBER

I 9 5 1 9 8 4 2

BILLING INFORMATION

Date: 28-JUN-95
Project: RAINBOW
P.O. No.:
Account: LVH

Comments:

Billing: For analysis performed on
Certificate A9519842

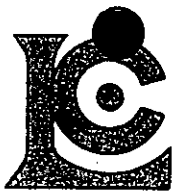
Terms: Payment due on receipt of invoice
1.25% per month (15% per annum)
charged on overdue accounts

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
143	201 - Dry, sieve to -80 mesh ICP-32	1.25 7.00		
	100 - Au ppb FA+AA	8.50	16.75	2395.25
Total Cost \$				2395.25
(Reg# R100938885) GST \$				<u>167.67</u>
TOTAL PAYABLE (CDN) \$				2562.92

COPY



Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers
 212 Brooksbank Ave., North Vancouver
 British Columbia, Canada V7J 2C1
 PHONE: 604-984-0221 FAX: 604-984-0218

PACIFIC MARINER EXPLORATION LTD.

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

A9519842

Comments: ATTN: PHILLIP SOUTHAM

CERTIFICATE

A9519842

(LVH) - PACIFIC MARINER EXPLORATION LTD.

Project: RAINBOW
 P.O. #:

Samples submitted to our lab in Vancouver, BC.
 This report was printed on 28-JUN-95.

SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
201	143	Dry, sieve to -80 mesh
229	143	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	143	Au ppb: Fuse 10 g sample	FA-AAS	5	10000
2118	143	Ag ppm: 32 element, soil & rock	ICP-AES	0.2	200
2119	143	Al %: 32 element, soil & rock	ICP-AES	0.01	15.00
2120	143	As ppm: 32 element, soil & rock	ICP-AES	2	10000
2121	143	Ba ppm: 32 element, soil & rock	ICP-AES	10	10000
2122	143	Be ppm: 32 element, soil & rock	ICP-AES	0.5	100.0
2123	143	Bi ppm: 32 element, soil & rock	ICP-AES	2	10000
2124	143	Ca %: 32 element, soil & rock	ICP-AES	0.01	15.00
2125	143	Cd ppm: 32 element, soil & rock	ICP-AES	0.5	100.0
2126	143	Co ppm: 32 element, soil & rock	ICP-AES	1	10000
2127	143	Cr ppm: 32 element, soil & rock	ICP-AES	1	10000
2128	143	Cu ppm: 32 element, soil & rock	ICP-AES	1	10000
2150	143	Fe %: 32 element, soil & rock	ICP-AES	0.01	15.00
2130	143	Ga ppm: 32 element, soil & rock	ICP-AES	10	10000
2131	143	Hg ppm: 32 element, soil & rock	ICP-AES	1	10000
2132	143	K %: 32 element, soil & rock	ICP-AES	0.01	10.00
2151	143	La ppm: 32 element, soil & rock	ICP-AES	10	10000
2134	143	Mg %: 32 element, soil & rock	ICP-AES	0.01	15.00
2135	143	Mn ppm: 32 element, soil & rock	ICP-AES	5	10000
2136	143	Mo ppm: 32 element, soil & rock	ICP-AES	1	10000
2137	143	Na %: 32 element, soil & rock	ICP-AES	0.01	5.00
2138	143	Ni ppm: 32 element, soil & rock	ICP-AES	1	10000
2139	143	P ppm: 32 element, soil & rock	ICP-AES	10	10000
2140	143	Pb ppm: 32 element, soil & rock	ICP-AES	2	10000
2141	143	Sb ppm: 32 element, soil & rock	ICP-AES	2	10000
2142	143	Sc ppm: 32 elements, soil & rock	ICP-AES	1	10000
2143	143	Sr ppm: 32 element, soil & rock	ICP-AES	1	10000
2144	143	Ti %: 32 element, soil & rock	ICP-AES	0.01	5.00
2145	143	Tl ppm: 32 element, soil & rock	ICP-AES	10	10000
2146	143	U ppm: 32 element, soil & rock	ICP-AES	10	10000
2147	143	V ppm: 32 element, soil & rock	ICP-AES	1	10000
2148	143	W ppm: 32 element, soil & rock	ICP-AES	10	10000
2149	143	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 FAX: 604-984-0218

To: PACIFIC MARINER EXPLORATION LTD. ##

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

Project: RAINBOW
 Comments: ATTN: PHILLIP SOUTHAM

Page Number: 3-A
 Total Pages: 4
 Certificate Date: 28-JUN-95
 Invoice No.: 19519842
 P.O. Number:
 Account: LVH

CERTIFICATE OF ANALYSIS

A9519842

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
CJ10 2N 0+00W	201 229	< 5	< 0.2	1.96	2	70	< 0.5	< 2	0.42	< 0.5	9	65	31	3.75	< 10	< 1	0.03	< 10	0	0
CJ10 2N 0+50W	201 229	< 5	0.4	1.81	6	40	< 0.5	2	0.54	< 0.5	13	101	38	3.68	< 10	< 1	0.05	< 10	0	495
CJ10 2N 1+00W	201 229	< 5	< 0.2	1.37	< 2	90	< 0.5	< 2	0.42	< 0.5	4	58	20	2.63	< 10	< 1	0.07	< 10	0.45	220
CJ10 2N 1+50W	201 229	< 5	0.2	2.21	18	140	< 0.5	2	0.54	0.5	9	74	56	4.13	< 10	< 1	0.10	< 10	0.86	265
CJ10 2N 2+00W	201 229	< 5	< 0.2	2.03	32	240	< 0.5	2	0.42	3.5	9	46	45	3.79	< 10	< 1	0.15	< 10	0.55	375
CJ10 2N 2+50W	201 229	< 5	< 0.2	1.92	18	120	< 0.5	< 2	0.40	3.0	8	38	31	3.17	< 10	< 1	0.11	< 10	0.42	315
CJ10 2N 3+00E	201 229	< 5	0.8	1.81	16	140	< 0.5	< 2	0.53	3.0	8	42	46	3.53	< 10	< 1	0.17	< 10	0.49	290
CJ10 2N 3+50E	201 229	< 5	< 0.2	1.81	150	< 0.5	2	0.40	< 0.5	10	34	27	23	3.23	< 10	< 1	0.13	< 10	0.44	450
CJ10 2N 4+00E	201 229	< 5	< 0.2	1.79	150	< 0.5	2	0.44	< 0.5	10	34	27	23	4.43	< 10	< 1	0.13	< 10	0.48	560
CJ10 2N 5+00E	201 229	< 5	< 0.2	1.23	14	180	< 0.5	2	0.26	0	13	24	31	5.41	< 10	< 1	0.11	< 10	0.13	1710
CJ10 2N 6+00W	201 229	< 5	< 0.2	2.16	18	120	< 0.5	< 2	0.61	0	13	38	40	4.55	< 10	< 1	0.08	< 10	0.54	785
CJ10 2N 6+50W	201 229	< 5	< 0.2	1.94	4	70	< 0.5	< 2	0.55	0	10	47	40	3.74	< 10	< 1	0.13	< 10	0.74	250
CJ10 2N 7+00W	201 229	< 5	< 0.2	0.96	8	80	< 0.5	< 2	0.56	0	11	25	25	3.78	< 10	< 1	0.13	< 10	0.16	1275
CJ10 2N 7+50W	201 229	45	0.2	1.84	26	110	< 0.5	< 2	0.56	< 0.5	8	47	41	4.57	< 10	< 1	0.12	< 10	0.54	870
CJ10 2N 8+00E	201 229	< 5	0.2	2.65	12	100	< 0.5	2	0.44	< 0.5	9	58	58	5.12	< 10	< 1	0.06	< 10	0.83	390
CJ10 2N 8+50E	201 229	< 5	0.2	2.68	12	100	< 0.5	2	1.44	< 0.5	13	77	77	4.23	< 10	< 1	0.06	< 10	1.06	460
CJ10 2N 9+00E	201 229	< 5	0.2	2.68	90	< 0.5	< 2	0.39	< 0.5	7	48	48	48	3.88	< 10	< 1	0.07	< 10	0.47	280
CJ10 2N 9+50E	201 229	< 5	< 0.2	2.68	38	110	0.5	4	0.67	< 0.5	21	86	109	3.88	< 10	< 1	0.12	< 10	1.43	1000
CJ10 2N 10+00E	201 229	< 5	< 0.2	2.08	18	100	< 0.5	< 2	0.70	0.5	8	57	62	3.53	< 10	< 1	0.07	< 10	0.73	470
CJ10 2N 10+50E	201 229	< 5	0.2	2.24	20	100	< 0.5	< 2	0.46	< 0.5	10	61	31	4.75	< 10	< 1	0.07	< 10	0.70	570
CJ10 2N 11+00E	201 229	< 5	1.4	2.79	22	110	0.5	2	1.10	0.5	10	64	177	3.53	< 10	< 1	0.07	< 10	0.72	615
CJ10 2N 11+50E	201 229	< 5	0.4	2.39	12	70	< 0.5	< 2	0.55	< 0.5	8	56	50	3.97	< 10	< 1	0.06	< 10	0.72	445
CJ10 2N 12+00E	201 229	< 5	0.2	2.23	6	90	< 0.5	2	0.58	< 0.5	12	74	43	5.41	< 10	< 1	0.07	< 10	0.88	335
CJ10 2N 12+50E	201 229	< 5	0.2	2.58	6	60	< 0.5	2	0.43	< 0.5	10	66	41	4.13	< 10	< 1	0.04	< 10	0.73	530
CJ10 2N 13+00E	201 229	< 5	< 0.2	1.18	< 2	60	< 0.5	< 2	0.37	< 0.5	2	27	7	1.67	< 10	< 1	0.02	< 10	0.20	120
CJ10 2N 13+50E	201 229	< 5	0.2	2.73	2	70	< 0.5	< 2	0.32	< 0.5	4	62	19	3.79	< 10	< 1	0.03	< 10	0.56	235
CJ10 2N 14+00E	201 229	45	< 0.2	3.14	2	70	< 0.5	2	0.39	< 0.5	7	62	29	4.46	< 10	< 1	0.05	< 10	0.64	290
CJ10 2N 14+50E	201 229	< 5	< 0.2	2.61	6	70	< 0.5	2	0.47	< 0.5	4	54	17	3.34	< 10	< 1	0.04	< 10	0.71	220
CJ10 2N 15+00E	201 229	< 5	< 0.2	2.57	6	100	< 0.5	< 2	0.65	< 0.5	7	63	22	4.18	< 10	< 1	0.04	< 10	0.85	245
CJ10 2N 15+50E	201 229	< 5	0.2	2.42	< 2	200	< 0.5	2	1.07	< 0.5	11	65	66	3.64	< 10	< 1	0.10	< 10	0.91	590
CJ10 2N 16+00E	201 229	< 5	< 0.2	1.86	2	90	< 0.5	< 2	0.60	< 0.5	3	46	24	2.36	< 10	< 1	0.05	< 10	0.56	250
CJ10 2N 16+50E	201 229	< 5	< 0.2	2.09	4	90	< 0.5	2	0.61	< 0.5	6	57	21	4.09	< 10	< 1	0.07	< 10	0.59	300
CJ10 2N 17+00E	201 229	< 5	< 0.2	2.05	< 2	110	< 0.5	2	0.60	< 0.5	5	43	26	2.26	< 10	< 1	0.07	< 10	0.53	220
CJ10 2N 17+50E	201 229	< 5	< 0.2	1.29	< 2	80	< 0.5	< 2	0.48	< 0.5	2	28	12	1.47	< 10	< 1	0.04	< 10	0.31	140
CJ10 2N 18+00E	201 229	< 5	< 0.2	0.99	< 2	40	< 0.5	< 2	0.40	< 0.5	1	24	8	0.95	< 10	< 1	0.04	< 10	0.20	100
CJ10 2N 18+50E	201 229	< 5	< 0.2	1.51	4	70	< 0.5	< 2	0.49	< 0.5	2	39	11	2.27	< 10	< 1	0.04	< 10	0.31	145
CJ10 2N 19+00E	201 229	< 5	0.4	0.91	6	130	< 0.5	< 2	3.73	0.5	5	20	52	0.85	< 10	< 1	0.04	< 10	0.24	445

CERTIFICATION: *Handwritten signature*



Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers
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 PHONE: 604-984-0221 FAX: 604-984-0218

To: PACIFIC MARINER EXPLORATION LTD. ##

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

Project : RAINBOW
 Comments: ATTN: PHILLIP SOUTHAM

Page Number : 3-B
 Total Pages : 4
 Certificate Date : 28-JUN-95
 Invoice No. : I9519842
 P.O. Number :
 Account : LVH

CERTIFICATE OF ANALYSIS

A9519842

SAMPLE	PREP CODE	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Tl %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
CJ10 2N 0+00W	201 229	< 1	< 0.01	23	1790	4	< 2	3	53	0.14	< 10	< 10	111	< 10	88
CJ10 2N 0+50W	201 229	< 1	< 0.01	12	1030	4	< 2	3	58	0.12	< 10	< 10	102	< 10	78
CJ10 2N 1+00W	201 229	2	0.01	25	2830	4	< 2	4	65	0.08	< 10	< 10	119	< 10	206
CJ10 2N 1+50W	201 229	< 1	0.01	22	2430	10	< 2	4	41	0.06	< 10	< 10	114	< 10	82
CJ10 2N 2+00W	201 229	< 1	0.01	18	1720	4	< 2	3	37	0.08	< 10	< 10	86	< 10	100
CJ10 2N 2+50W	201 229	1	0.01	23	2310	6	< 2	4	56	0.08	< 10	< 10	91	< 10	196
CJ10 2N 3+00W	201 229	< 1	0.01	8	800	8	< 2	4	38	0.05	< 10	< 10	80	< 10	182
CJ10 2N 3+50W	201 229	< 1	0.01	15	1700	8	< 2	3	40	0.07	< 10	< 10	80	< 10	88
CJ10 2N 4+00W	201 229	< 1	0.01	11	1240	8	< 2	2	29	0.09	< 10	< 10	73	< 10	110
CJ10 2N 4+50W	201 229	< 1	0.01	17	1110	10	< 2	5	51	0.10	< 10	< 10	85	< 10	106
CJ10 2N 5+00W	201 229	< 1	0.01	18	960	6	< 2	6	49	0.10	< 10	< 10	96	< 10	66
CJ10 2N 5+50W	201 229	< 1	0.01	7	930	8	< 2	8	50	0.10	< 10	< 10	76	< 10	78
CJ10 2N 6+00W	201 229	1	0.01	18	1000	14	< 2	5	57	0.10	< 10	< 10	107	< 10	94
CJ10 2N 6+50W	201 229	< 1	0.01	18	2900	4	< 2	3	70	0.13	< 10	< 10	111	< 10	80
CJ10 2N 7+00W	201 229	< 1	0.01	19	1700	4	< 2	6	110	0.12	< 10	< 10	80	< 10	64
CJ10 2N 7+50W	201 229	< 1	0.01	10	800	4	< 2	4	46	0.10	< 10	< 10	62	< 10	62
CJ10 2N 8+00W	201 229	< 1	0.01	8	800	6	< 2	9	94	0.17	< 10	< 10	167	< 10	96
CJ10 2N 8+50W	201 229	< 1	0.01	21	800	6	< 2	4	66	0.14	< 10	< 10	101	< 10	86
CJ10 2N 9+00W	201 229	< 1	0.01	17	2420	6	< 2	4	57	0.04	< 10	< 10	121	< 10	120
CJ10 2N 9+50W	201 229	2	0.01	29	1390	8	< 2	8	85	0.10	< 10	< 10	90	< 10	84
CJ10 2N 10+00W	201 229	2	0.01	21	1680	8	< 2	4	57	0.16	< 10	< 10	116	< 10	90
CJ10 2N 10+50W	201 229	1	0.01	26	700	4	< 2	5	85	0.20	< 10	< 10	120	< 10	64
CJ10 2N 0+00W	201 229	< 1	< 0.01	24	1590	6	< 2	3	55	0.17	< 10	< 10	148	< 10	84
CJ10 2N 0+50W	201 229	< 1	< 0.01	20	1770	6	< 2	3	41	0.15	< 10	< 10	113	< 10	62
CJ10 2N 1+00W	201 229	< 1	< 0.01	5	570	6	< 2	2	37	0.14	< 10	< 10	64	< 10	40
CJ10 2N 1+50W	201 229	< 1	< 0.01	15	2220	8	< 2	3	27	0.13	< 10	< 10	105	< 10	82
CJ10 2N 2+00W	201 229	< 1	< 0.01	20	2840	4	< 2	4	34	0.15	< 10	< 10	113	< 10	110
CJ10 2N 2+50W	201 229	< 1	< 0.01	14	1730	6	< 2	4	41	0.16	< 10	< 10	101	< 10	74
CJ10 2N 2+90W	201 229	< 1	< 0.01	18	410	< 2	< 2	4	67	0.24	< 10	< 10	153	< 10	44
CJ10 2N 00+50E	201 229	< 1	0.01	35	960	2	< 2	6	89	0.14	< 10	< 10	108	< 10	80
CJ10 2N 01+00E	201 229	< 1	0.01	15	420	2	< 2	6	66	0.17	< 10	< 10	78	< 10	48
CJ10 2N 01+50E	201 229	< 1	0.01	16	1630	2	< 2	4	62	0.16	< 10	< 10	124	< 10	72
CJ10 2N 02+00E	201 229	< 1	0.01	15	600	2	< 2	4	59	0.14	< 10	< 10	77	< 10	54
CJ10 2N 02+50E	201 229	< 1	0.01	8	300	6	< 2	2	59	0.15	< 10	< 10	59	< 10	38
CJ10 2N 03+00E	201 229	< 1	< 0.01	6	370	6	< 2	1	39	0.11	< 10	< 10	41	< 10	26
CJ10 2N 03+50E	201 229	< 1	< 0.01	9	650	6	< 2	2	51	0.15	< 10	< 10	85	< 10	42
CJ10 2N 04+00E	201 229	1	0.01	17	1670	2	< 2	1	288	0.01	< 10	< 10	14	< 10	32

CERTIFICATION: *Phillip Southam*



Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

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To: PACIFIC MARINER EXPLORATION LTD. ##

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

Project: RAINBOW
Comments: ATTN: PHILLIP SOUTHAM

Page Number : 4-A
Total Pages : 4
Certificate Date : 28-JUN-95
Invoice No. : 19519842
P.O. Number :
Account : LVH

CERTIFICATE OF ANALYSIS

A9519842

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
CJ10 2N 04+50E	201 229	< 5	< 0.2	1.62	2	100	< 0.5	2	0.49	< 0.5	4	43	24	2.48	< 10	< 1	0.04	< 10	0.44	175
CJ10 2N 05+00E	201 229	< 5	0.2	1.87	2	120	< 0.5	< 2	0.36	0.5	9	46	27	3.76	< 10	< 1	0.09	< 10	0.61	475
CJ10 2N 05+50E	201 229	< 5	< 0.2	0.80	< 2	60	< 0.5	< 2	0.40	< 0.5	1	21	8	1.10	< 10	< 1	0.03	< 10	0.17	95
CJ10 2N 06+00E	201 229	< 5	< 0.2	1.19	6	80	< 0.5	< 2	0.36	< 0.5	3	42	13	2.70	< 10	< 1	0.04	< 10	0.32	150
CJ10 2N 06+50E	201 229	95	< 0.2	1.49	6	60	< 0.5	2	0.43	< 0.5	5	44	19	3.15	< 10	< 1	0.06	< 10	0.57	195
CJ10 2N 07+00E	201 229	< 5	0.2	1.32	2	70	< 0.5	< 2	0.41	< 0.5	4	39	22	1.84	< 10	< 1	0.05	< 10	0.45	160
CJ10 2N 07+50E	201 229	< 5	0.4	1.23	< 2	120	< 0.5	< 2	2.48	< 0.5	6	18	62	0.87	< 10	< 1	0.02	10	0.12	65
CJ10 2N 08+00E	201 229	< 5	< 0.2	1.38	< 2	60	< 0.5	2	0.49	< 0.5	1	31	9	1.98	< 10	< 1	0.04	< 10	0.27	120
CJ10 2N 08+50E	201 229	< 5	< 0.2	1.72	2	80	< 0.5	< 2	0.46	< 0.5	4	39	18	2.64	< 10	< 1	0.06	< 10	0.51	195
CJ10 2N 09+00E	201 229	< 5	< 0.2	1.99	2	70	< 0.5	2	0.47	< 0.5	5	47	24	3.62	< 10	< 1	0.06	< 10	0.66	235
CJ10 2N 09+50E	201 229	< 5	< 0.2	2.21	< 2	140	< 0.5	2	0.63	< 0.5	10	50	31	3.20	< 10	< 1	0.08	< 10	0.77	560
CJ10 2N 10+00E	201 229	< 5	< 0.2	0.91	< 2	90	< 0.5	< 2	0.47	< 0.5	1	17	7	0.90	< 10	< 1	0.04	< 10	0.14	75
CJ10 2N 10+50E	201 229	< 5	< 0.2	1.61	4	90	< 0.5	< 2	0.46	< 0.5	4	33	15	2.12	< 10	< 1	0.06	< 10	0.41	260
CJ10 2N 11+00E	201 229	< 5	< 0.2	1.69	8	80	< 0.5	< 2	0.38	< 0.5	3	36	17	2.75	< 10	< 1	0.04	< 10	0.45	180
CJ10 2N 11+50E	201 229	< 5	< 0.2	1.26	< 2	70	< 0.5	< 2	0.52	< 0.5	4	40	22	2.56	< 10	< 1	0.07	< 10	0.48	190
CJ10 2N 12+00E	201 229	< 5	< 0.2	1.45	2	50	< 0.5	2	0.49	< 0.5	5	42	26	2.84	< 10	< 1	0.03	< 10	0.52	195
CJ10 2N 12+50E	201 229	< 5	< 0.2	1.93	12	70	< 0.5	< 2	0.37	< 0.5	6	47	22	4.20	< 10	< 1	0.05	< 10	0.53	270
CJ10 2N 12+85E	201 229	< 5	< 0.2	1.61	8	60	< 0.5	< 2	0.47	< 0.5	6	42	25	3.08	< 10	< 1	0.05	< 10	0.48	205
CJ10 6W 0+00S	201 229	< 5	< 0.2	2.20	< 2	130	< 0.5	2	0.47	< 0.5	7	53	19	3.52	< 10	< 1	0.06	< 10	0.62	235
CJ10 6W 0+50S	201 229	< 5	0.2	2.34	< 2	80	< 0.5	< 2	0.56	< 0.5	12	66	20	4.06	< 10	< 1	0.06	< 10	0.72	525
CJ10 6W 1+00S	201 229	< 5	< 0.2	2.55	8	90	< 0.5	< 2	0.62	< 0.5	13	81	40	4.43	< 10	< 1	0.06	< 10	1.06	500
CJ10 6W 1+50S	201 229	< 5	< 0.2	2.45	10	80	< 0.5	4	0.61	0.5	9	73	20	4.32	< 10	< 1	0.08	< 10	0.86	575
CJ10 6W 2+00S	201 229	25	< 0.2	1.88	6	80	< 0.5	2	0.61	< 0.5	9	72	33	3.69	< 10	< 1	0.08	< 10	0.80	270
CJ10 6W 2+50S	201 229	< 5	< 0.2	2.52	2	110	< 0.5	2	0.57	0.5	12	75	29	4.04	< 10	< 1	0.09	< 10	0.92	525
CJ10 6W 3+00S	201 229	225	< 0.2	2.60	2	90	< 0.5	4	0.84	< 0.5	10	68	26	3.89	< 10	< 1	0.07	< 10	0.99	325

CERTIFICATION:

Walter Buchler



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To: PACIFIC MARINER EXPLORATION LTD. ##

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

Project : RAINBOW
 Comments : ATTN: PHILLIP SOUTHAM

Page Number : 4-B
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 Certificate Date : 28-JUN-95
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 P.O. Number :
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CERTIFICATE OF ANALYSIS A9519842

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
CJ10 2N 04+50E	201 229	< 1	0.01	16	850	4	< 2	2	46	0.12	< 10	< 10	75	< 10	40
CJ10 2N 05+00E	201 229	1	0.01	18	810	8	< 2	3	41	0.13	< 10	< 10	110	< 10	78
CJ10 2N 05+50E	201 229	< 1	< 0.01	5	190	4	< 2	1	43	0.13	< 10	< 10	43	< 10	24
CJ10 2N 06+00E	201 229	< 1	< 0.01	10	1290	4	< 2	2	34	0.11	< 10	< 10	86	< 10	34
CJ10 2N 06+50E	201 229	< 1	< 0.01	13	550	6	< 2	1	40	0.13	< 10	< 10	96	< 10	54
CJ10 2N 07+00E	201 229	< 1	< 0.01	11	390	4	< 2	1	39	0.13	< 10	< 10	57	< 10	38
CJ10 2N 07+50E	201 229	4	0.01	11	1810	< 2	2	1	148	< 0.01	< 10	< 10	16	< 10	38
CJ10 2N 08+00E	201 229	< 1	< 0.01	6	390	4	< 2	3	66	0.17	< 10	< 10	74	< 10	28
CJ10 2N 08+50E	201 229	1	0.01	12	620	< 2	< 2	3	48	0.14	< 10	< 10	80	< 10	44
CJ10 2N 09+00E	201 229	< 1	0.01	15	900	4	< 2	3	53	0.13	< 10	< 10	98	< 10	48
CJ10 2N 09+50E	201 229	< 1	0.01	20	740	6	4	4	62	0.14	< 10	< 10	94	< 10	66
CJ10 2N 10+00E	201 229	< 1	0.01	3	240	6	< 2	1	52	0.08	< 10	< 10	37	< 10	22
CJ10 2N 10+50E	201 229	< 1	0.01	11	1030	4	< 2	2	44	0.11	< 10	< 10	70	< 10	44
CJ10 2N 11+00E	201 229	< 1	0.01	11	690	4	< 2	3	37	0.12	< 10	< 10	87	< 10	34
CJ10 2N 11+50E	201 229	1	< 0.01	12	590	2	< 2	3	46	0.13	< 10	< 10	88	< 10	42
CJ10 2N 12+00E	201 229	< 1	0.01	15	990	6	< 2	2	40	0.11	< 10	< 10	86	< 10	36
CJ10 2N 12+50E	201 229	< 1	0.01	14	2520	6	2	3	32	0.12	< 10	< 10	110	< 10	46
CJ10 2N 12+85E	201 229	< 1	0.01	13	900	4	2	3	41	0.13	< 10	< 10	99	< 10	38
CJ10 6W 0+00S	201 229	< 1	0.01	15	2940	8	< 2	3	43	0.10	< 10	< 10	98	< 10	92
CJ10 6W 0+50S	201 229	< 1	0.01	20	3090	6	2	4	54	0.12	< 10	< 10	112	< 10	102
CJ10 6W 1+00S	201 229	< 1	0.01	28	2390	4	< 2	4	59	0.14	< 10	< 10	123	< 10	94
CJ10 6W 1+50S	201 229	< 1	0.01	20	1720	6	< 2	5	67	0.18	< 10	< 10	134	< 10	80
CJ10 6W 2+00S	201 229	< 1	0.01	21	1640	4	< 2	3	58	0.16	< 10	< 10	110	< 10	68
CJ10 6W 2+50S	201 229	< 1	< 0.01	25	1720	6	< 2	4	53	0.16	< 10	< 10	112	< 10	106
CJ10 6W 3+00S	201 229	< 1	< 0.01	21	650	6	< 2	4	69	0.21	< 10	< 10	135	< 10	76

CERTIFICATION:

Phillip Southam