NTS 93 A/12 E
LAT.- 52 34' N
LONG.- 121 46'

GEOLOGICAL AND GEOPHYSICAL REPORT ON THE JC 1 CLAIM, JACOBIE LAKE, LIKELY, B.C.

CARIBOO MINING DIVISION

BY

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OCT. 17, 1994

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1.0 INTRODUCTION

A program of geological mapping and magnetometer geophysics was carried out in September, 1994 on the JC 1 claim situated 13 km. southwest of Likely, B.C. The purpose of this work program was to define a relationship between bedrock geology and total field magnetics. The spatial importance of total field magnetic anomalies is well documented at Imperial Metal's Mount Polley Cu-Au deposit located 5 km. to the east of the subject property.

2.0 LOCATION, ACCESS, PHYSIOGRAPHY

The property is situated 4 kms. east of the Likely Highway with access via Jacobie Lake Forest Road. A network of logging roads criss-cross the claim which covers the area between Jacobie Lake (1180 m. elev.) and Jacobie Mountain (1321 m. elev.). Topography consists of NW trending, hummocky ridges that are disrupted by NE trending lineaments. Vegetation consists of pine, spruce, balsam, fir, and cedar. The north half of the claim is logged and has been replanted with pine trees that are presently 1 m. high.

3.0 PROPERTY STATUS

The JC 1 consists of a 20 unit four post mineral claim situated in the Cariboo Mining Division. The claim is 100% owned by James P. Burdett of Sechelt, B.C. Details of the claim are as follows:

CLAIM NAME	RECORD NO.	UNITS	RECORD DATE	EXPIRY DATE
JC 1	10100	20	OCT. 2, 89	OCT. 2, 96

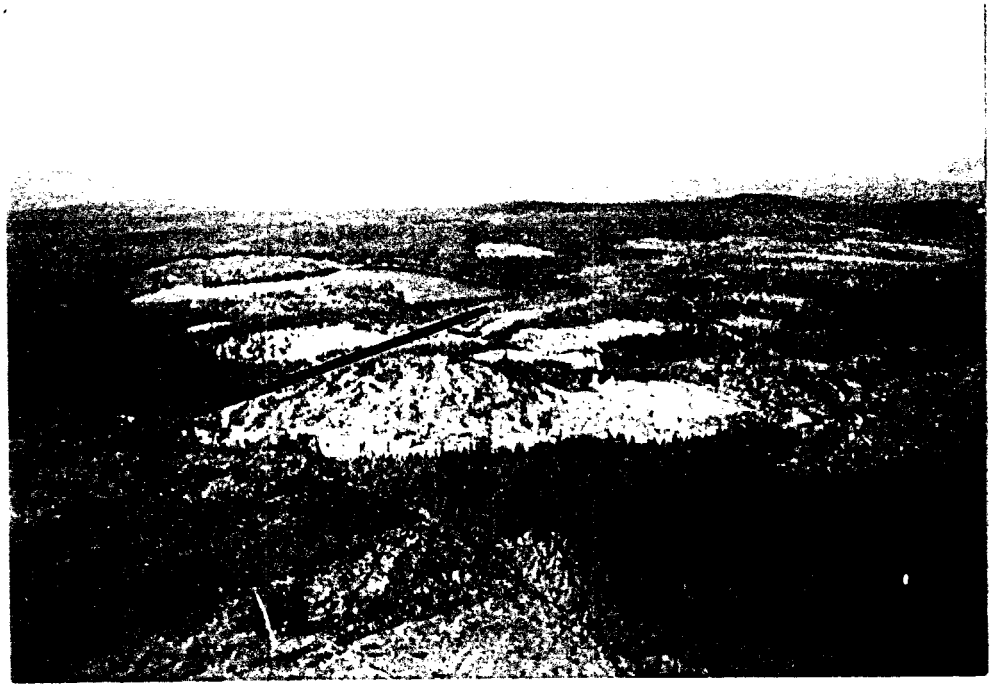
4.0 AREA HISTORY

The Cariboo region of B.C. has a history of placer gold mining as well as Cu-Au-Mo lode metal deposits. The Bullion Pit, located near Likely, Lightning, Williams, Cottonwood, and Willow drainages near Barkerville have produced in excess of 1 million ounces of placer gold. Lode metals deposits include: 1) Mount Polley which boasts an inventory of 48 million tonnes of 0.44% Cu and 0.583 g/t Au. 2) QR deposit at 1 million tonnes of 7.3 g/t Au. 3) Cariboo Gold Quartz which produced 2 million tonnes of 13.5 g/t Au. 4) Boss Mountain which contains 417 million tonnes of 0.23% Mo. 5) Mosquito Ck., 0.1 million tonnes of 13.1 g/t Au.

5.0 PROPERTY HISTORY

The area of the JC 1 claim, immediately west of Mount Polley, has been explored for porphyry copper by Milestone Mines Ltd. (1966), Silver City Petroleum Ltd. (1967). Lecmac Mines Ltd. (1973), Dome Exploration and Newconex (1975), Quintanna Resources

Looking northwest, Jacobie Lake on left, Moorhead Lake in background, blck line shows approximate location of grid baseline, Mount Jacobie in right foreground.



Looking west at Jacobie Lake, Mount Jacobie in foreground, [illegible] approximate location of baseline.

(1976), Hennessy Resources Corp. (1984), and Pamicon Developments Ltd. (1991).
Very little data has been documented by previous work programs with the exception of the following:

1984- Hennessy Res. reports up to 0.48% Cu from a total of 50 rock samples, 238 soil samples gave a mean value of 46 ppm Cu with 18 in excess of 100 ppm Cu, and a maximum value of 449 ppm Cu.

1991- Pamicon Developments Ltd. performed geological mapping, rock sampling, and petrographic studies. Their results are summarized as follows:

1) Rock types identified by petrographic analysis include
A) Mafic crystal tuff (pyroxene-feldspar-basalt clasts), weak carbonate alteration, moderate-strong magnetite and/or ilmenite present.
B) Trachybasalt (the volcanic equivalent of a syenogabbro) strong carbonate alteration, weak chlorite and hematite, deuteric origin chalcocite-cuprite-digenite-covellite present.
C) Porphyritic and amygdaloidal trachyte (fine grained, quartz poor, alkaline lava flows), moderate epidote-carbonate-chlorite alteration, deuteric origin native Cu and cuprite are associated with quartz-carbonate amygdules.

2) Geological mapping identifies widespread (1.2 X 0.8 km.area), disseminated and fracture filling copper mineralization present in vicinity of recent logging road cuts.
Select grab samples from 3 road cuts gave the following assays:

SAMPLE #	% Cu
MJ 1	2.64
MJ 2	5.16
MJ 3	1.01
MJ 4	1.22
MJ 5	1.08

Samples MJ 6-9 gave remarkably uniform values, averaging 0.89% Cu.
Sampling reported by White Channel 1989 consisted of select grabs from three log landing sites giving the following results:

SAMPLE #	% Cu	Ag oz/t
D 45906	4.23	--
D 45907	6.52	--
D 45911	5.88	1.23
D 45912	4.33	--
D 45913	7.29	1.29

6.0 GENERAL GEOLOGY

The JC 1 property is located within the Quesnel Trough, a regional northwest trending, linear assemblage of Mesozoic age volcanic and sedimentary rocks. The Quesnel assemblage is bounded to the east along a thrust fault contact with Precambrian

to Lower Paleozoic Snowshoe Group sedimentary rocks. To the west, the probable southern extension of the Pinchi Fault separates Quesnel Belt rocks from Paleozoic Cache Creek Group sediments and volcanics.

Underlying the central Quesnel Belt are Middle Triassic to Early Jurassic Nicola Group rocks, comprising basal sedimentary rocks overlain by dominantly volcanic rocks. Basal epiclastic sediments include phyllite and siltstone with minor sandstone, greywacke, conglomerate, and limestone. Overlying volcanic rocks and associated sedimentary rocks include a basal package of alkaline-olivene basalt and alkali basalt composition lavas, breccias and flows with upper siltstone, sandstone, and minor limestone. Successively overlying these units are volcanic breccias and fine tuffs of latite-trachyte composition, minor fine sediments, amygdaloidal alkali-olivine basalt, and a successor basin assemblage including post-volcanic calcareous sandstone, siltstone, and pebble conglomerate. Pleistocene glacial and fluvial deposits and Miocene basalt flows cover large areas of the Quesnel Belt.

Several stocks and smaller plugs and dykes of syenite to monzodiorite composition outcrop in the region. These intrusives are thought to be coeval with Early Jurassic volcanism extending into Middle Jurassic time. Stocks and dykes of quartz monzonite to granite of probable Cretaceous age cut the above sequence. Mafic dykes which cut basal sedimentary rocks probably represent feeders to overlying mafic volcanic rocks.

Structurally, the central Quesnel Belt has been folded into a broad open syncline of regional extent cut by at least 3 generations of faults. Fault orientaions include an early (post mid-Jurassic) northwest trending low angle reverse thrust, later northeast trending sinstral faults and a third north trending fault system which may have been active into the Tertiary. Basal sedimentary rocks display variable penatrative fabrics, with two phases of folding. Rocks higher in the sequence show no penetrative fabric.

In the Quesnel Belt, Cu-Au mineralization is spatially and temporally related to comagmatic and coeval alkalic plutonism and volcanism. Mount Polley (Cariboo-Bell), an alkali porphyry deposit, is located 5 km. east of the JC 1 property. This deposit hosts reserves of 48 million tonnes of 0.44% Cu and 0.61 g/t Au. Ore is characterized by cracle breccia and intrusive breccias typical of porpyhry systems, with a propylitic alteration zone surrounding a central potassic and intermediate garnet-epidote alteration zone. The QR deposit to the north is hosted by propylitically altered basalt breccias near a zoned diorite-syenite intrusive. Reserves of 1.2 million tonnes grading 5.22 g/t Au have been identified. This deposit displays features of porphyry and epithermal mineralization. Other

styles of mineralization in the region include disseminated hydrothermal Cu in basalt flows and breccias, and Cu mineralization in Late Triassic limestone.

7.0 1994 FIELD PROGRAM

7.1 METHODS AND PROCEDURES

A program of geological mapping, surveying, and magnetometer geophysics was carried out by A. Kikauka (geologist) and P. Matson (geotechnician) on the JC 1 property during late Sept., 1994. Using hip chains and compasses, a 1.2 km. 140 degree trending baseline was surveyed from the northwest portion of the claim. Seven perpendicular cross-lines ranging from 0.7 to 1.0 km. in length, for a total of 6.8 km. line grid that was surveyed. All lines are marked with orannge coloured flagging. Geological mapping was carried out at a scale of 1:2,500. A total of 545 magnetometer readings were taken with a Unimag G-836 proton procession magnetometer at 12.5 meter spacing. Diurnal variation of total field was corrected by looping traverse lines.

7.2 PROPERTY GEOLOGY AND MINERALIZATION (FIG.5)

The following lithologies are present on the JC 1 claim:

LATE TRIASSIC VOLCANIC FLOWS

2C MAFIC BRECCIA, grey and maroon colour, polylithic, minor feldspathic clasts, possible lahar.

2B BASALT, maroon colour, pyroxene-phyric alkali pillow lava, pillow breccia, and autobrecciated flows. Minor intercalations of limonitic felsite (Chert?)

2A BASALT, green-grey colour, pyroxene-phyric alkali olivene and alkali pillow lava, pillow breccia, and autobrecciated flows.

The grid area, which covers the north portion of the JC 1 claim, consists mostly of maroon basalt (unit 2B), and minor green-grey basalt (unit 2A). Flow banding of unit 2A and 2B strikes northwest and dips moderately to the northeast. A northeast trending fault, with a 500 meter sinstral offset, cuts the northwest end of the grid area. Another northeast trending fault, with a 500 meter dextral offset, cuts the sotheast end of the grid. Southeast of this fault, off the grid area, in the southeast portion of the claim, mafic breccia (unit 2C) outcrops.

Alteration on the property consists of:

A) carbonatization, pervasive impregnations and veinlet
B) hematization, prismatic grains, boxworks, pervasive impregnations
C) chloritization, vessicular and fracture filling
D) epidotization, along margins of secondary carbonate
E) silicification, trace-1% quartz as veinlets and granules, possible amygdules.
F) ankerite, fracture filling

Carbonatiztion, hematization, and silicification are the main alteration features observed on the subject property. Secondary chlorite, ankerite, and epidote are present as accessory minerals in some of the fault zones and/or copper showings.

Mineralization observed on the claim includes:
A) Native copper (Cu)
B) Chalcocite (Cu2S)
C) Cuprite (Cu2O)
D) Covellite (CuS)
E) Malachite (CuCO3.Cu(OH)2)
F) Azurite (2CuCO3Cu(OH)2)
G) Chrysocolla (CuSiO3.2H2O)

Copper bearing mineralization occurs as fine disseminations primarily at magnetite-hematite-ilmenite grain boundaries, and as an amygdaloidal assemblage. Most of the observed mineralization occurs as deuteric (i.e. syngenetic) textures within maroon basalts (unit 2B) with the exception of malachite, azurite, and chrysocolla which occur by way of supergene processes (i.e secondary reactions of ions in solution with ions in existing minerals).

7.3 MAGNETOMETER SURVEY (FIG.4)

From 545 readings taken by the magnetometer, the range is from 57,070 to 59,120 gammas. This fluctuation occurs between station 4+12 to 4+25 W on L 0+00 N. Readings in the general area of 4+00 to 4+37 W on L 0+00 N were erratic and jumpy suggesting a lens of massive magnetite may be present in the immediate area. Locations within the grid area that gave 250-2,0500 gamma increase readings are as follows:

LINE	STATION	RELATIVE INCREASE IN GAMMAS
L 6+00 N	2+62 W to 2+75 W	300-350
L 6+00 N	1+25 W to 0+87 W	250-300
L 4+00 N	2+62 W	300
L 4+00 N	0+50 W to 0+25 E	900-1,000
L 4+00 N	1+87 E to 2+00 E	400-550
L 2+00 N	2+62 W	300
L 2+00 N	0+37 W	600
L 2+00 N	2+00 E	500
L 0+00 N	4+25 W to 4+12 W	2,050
L 0+00 N	2+87 W to 1+87 W	250-550
L 0+00 N	0+37 E to 0+62 E	750-1,100

L 0+00 N	1+87 E to 2+00 E	500-700
L 2+00 S	5+00 W to 3+00 W	250-750
L 2+00 S	2+00 W	500
L 2+00 S	0+87 E	250
L 2+00 S	1+87 E	250
L 4+00 S	0+75 S	600
L 4+00 S	2+87 E to 3+25 E	250
L 6+00 S	2+12 W to 2+25 W	400
L 6+00 S	1+00 W to 0+62 W	500
L 6+00 S	2+62 E	350

8.0 CONCLUSION AND RECOMMENDATIONS

Mag high readings probably correspond to increased concentrations of magnetite. Since there is very little outcrop in the grid area, it is not known whether there are any intrusive rocks which correspond to the mag anomalies. It is also possible that magnetite rich alkali basalt (unit 2A and 2B) may account for the mag anomalies in the grid area.

An isolated 100-200 meter relief, topographic high located in the west portion of L 0+00 N and L 2+00 S contains a high order trenching and/or drill target based on the presence of several broad and sharp mag anomalies which corresponds to trench #3 (where the highest grade copper mineralization, 7.29% Cu, was found in 1990), as well as the highest Cu values in soil samples (490 ppm Cu) taken in 1984.

Other high order follow-up mag high targets are found on L 0+00 N at stations 0+50 E and 2+00 E. These mag anomaly corresponds to a highly altered, limonite-sericite-hematite zone as well as above average Cu soil geochem and trench #4,5 (native Cu) which occur in the general vicinity.

Based on the compilation of data, the following mag highs correspond require follow-up exploration:

	LINE	STATION	RELATIVE INCREASE IN GAMMAS
1)	L 0+00 N	4+25 W to 4+12 W	2,050
2)	L 0+00 N	0+37 E to 0+62 E	750-1,100
3)	L 2+00 S	5+00 W to 3+00 W	250-750
4)	L 0+00 N	1+87 E to 2+00 E	500-700
5)	L 2+00 S	2+00 W	500
6)	L 4+00 S	2+87 E to 3+25 E	250

It is not known whether increased magnetite has a correlation with increased copper mineralization, however there are significant mag anomalies in the vicinity of 5 trenches with known copper mineralization. These trenches were excavated in 1989 in conjunction with log landing sites and were in no way based on geological data. Considering the success of these random diggings, a planned program of trenching and geophysics,

concentrating on the above mentioned target areas, would be highly successful at outlining measured reserves of near surface copper mineralization.

A proposed work program would include:

1) IP geophysics, 12 km. line grid-	cost approx.	$12,000
2) 200 hours D-8 with ripper and operator-	cost	$32,000
3) Geologist, 21 days	cost	$ 5,000
4) Assays	cost	$ 6,000
5) Equipment, Fuel, Supplies, Room & Board	cost	$12,000
6) Preparation, Mobilization, Report		$ 6,000
TOTAL PROPOSED BUDGET COST=		$73,000

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B.C.Min. of E.M.& P.Res. Preliminary Map No. 67, Likely Area.

ITEMIZED COST STATEMENT- JC 1 CLAIM, SEPT. 22-27, 1994

FIELD CREW:

A.Kikauka, geologist 6 days	$ 2,100.00
P.Matson, geotechnician 6 days	1,650.00

FIELD COSTS:

Mob/Demob, preparation	1,100.00
Food and accomodations	800.00
Truck rental	600.00
Equipment and supplies	550.00
Geophysical equipment rental	650.00
Report	550.00
Total	$ 8,000.00

CERTIFICATE

I, Andris Kikauka, of Box 370, Brackendale, B.C., hereby certify that;

1. I am a graduate of Brock University, St. Catharines, Ont., with an Honours Bachelor of Science Degree in Geological Sciences, 1980.

2. I am a Fellow in good standing with the Geological Association of Canada.

3. I am registered in the Province of British Columbia as a Professional Geoscientist.

4. I have practised my profession for fifteen years in precious and base metal exploration in the Cordillera of Western Canada and South America, and for three years in uranium exploration in the Canadian Shield.

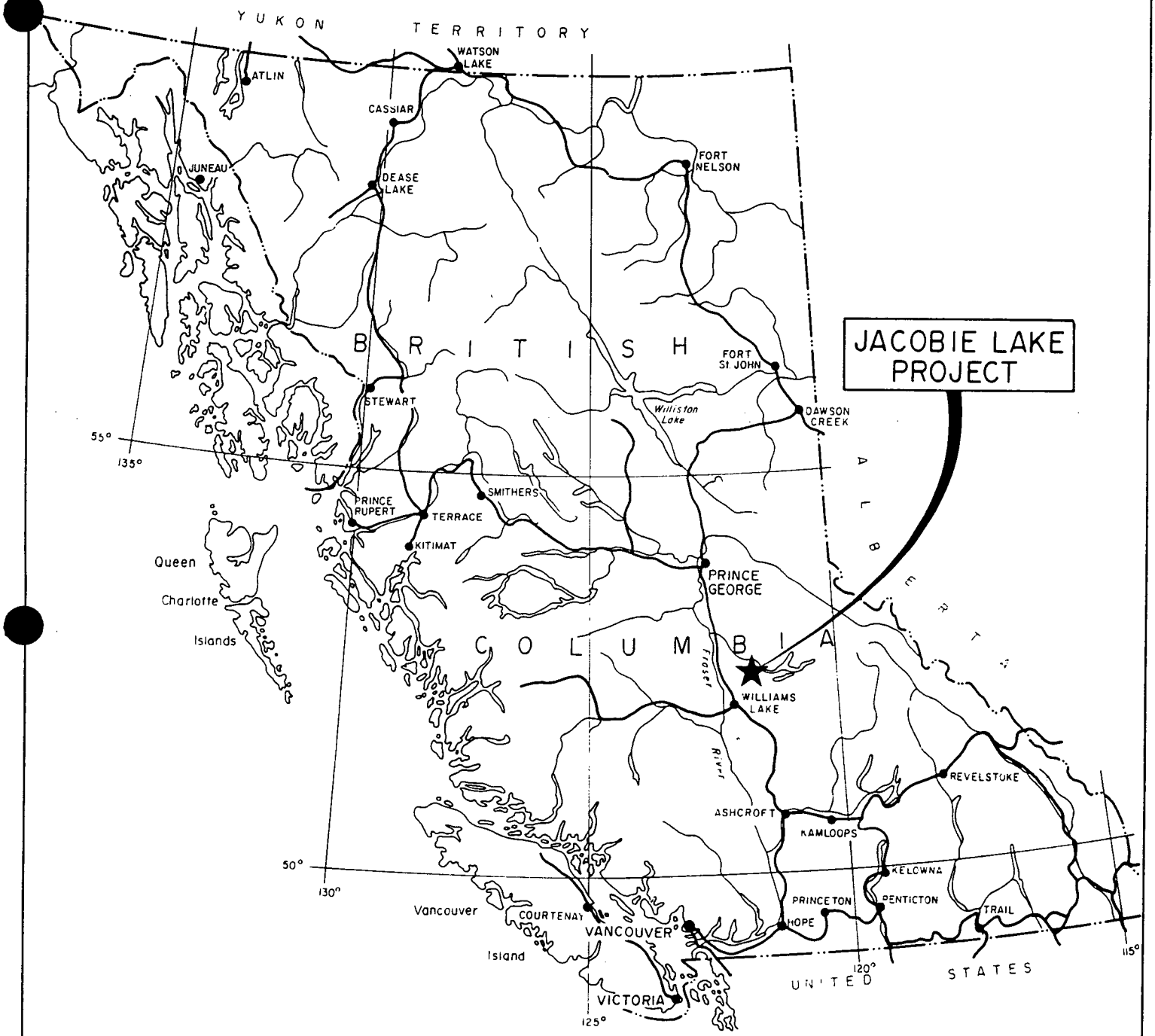
5. The information, opinions, and recommendations in this report are based on fieldwork carried out in my presence on the subject properties and on published and unpublished literature and maps.

6. I have no interest, direct or indirect with the subject property.

7. I consent to the use of this report in a Prospectus or Statement of Material Facts for the purpose of private or public financing.

Andris Kikauka, P. Geo.,

October 17, 1994



PROFESSIONAL ENGINEER
PROVINCE OF BRITISH COLUMBIA
A. A. KIKAUKA
GEOSCIENTIST

Km 0 100 200 300 400 Km
Miles 0 50 100 200 300 Miles

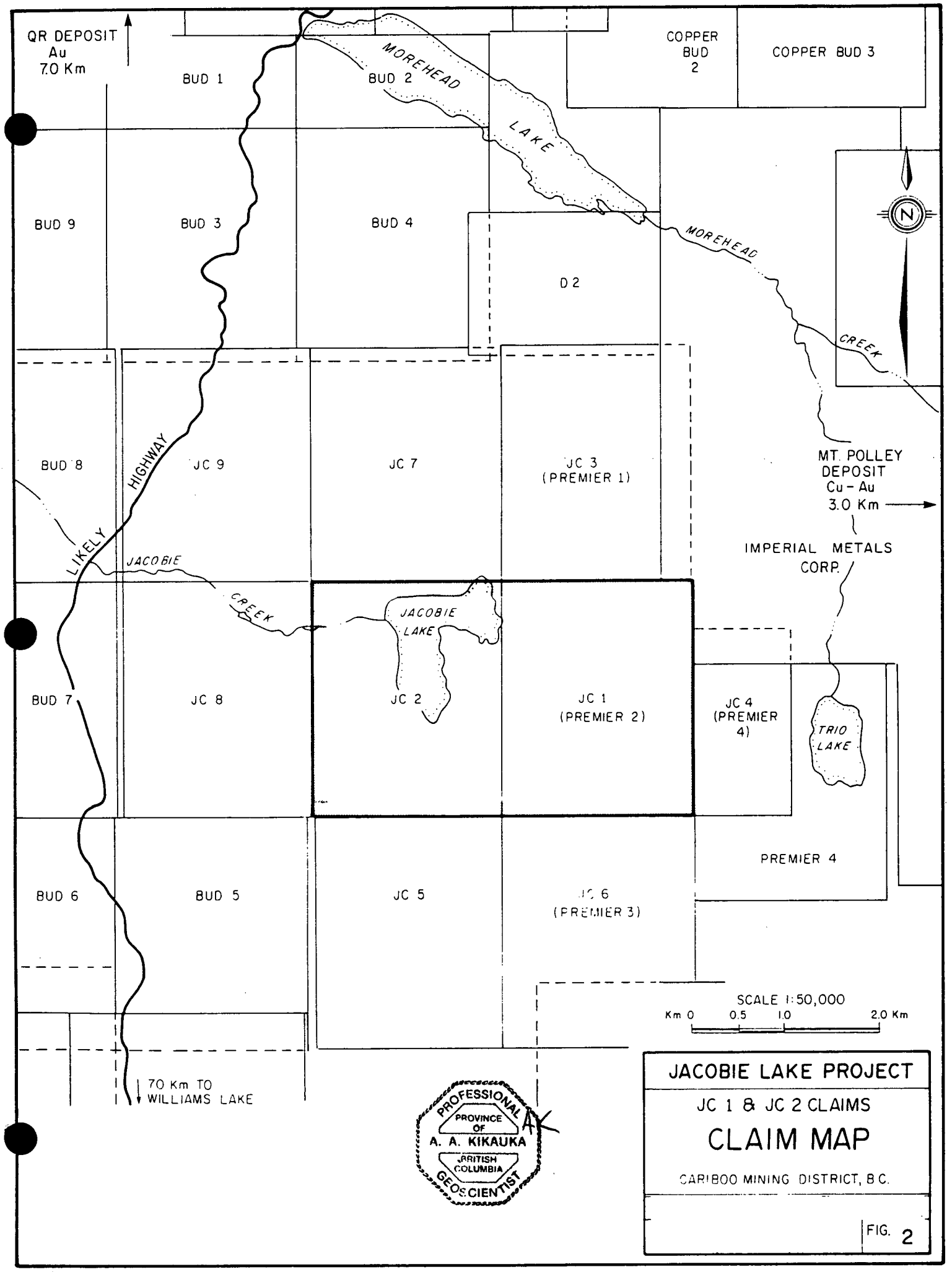
JACOBIE LAKE PROJECT

JC 1 & JC 2 CLAIMS

PROPERTY LOCATION MAP

CARIBOO MINING DISTRICT, B. C.

FIGURE. 1



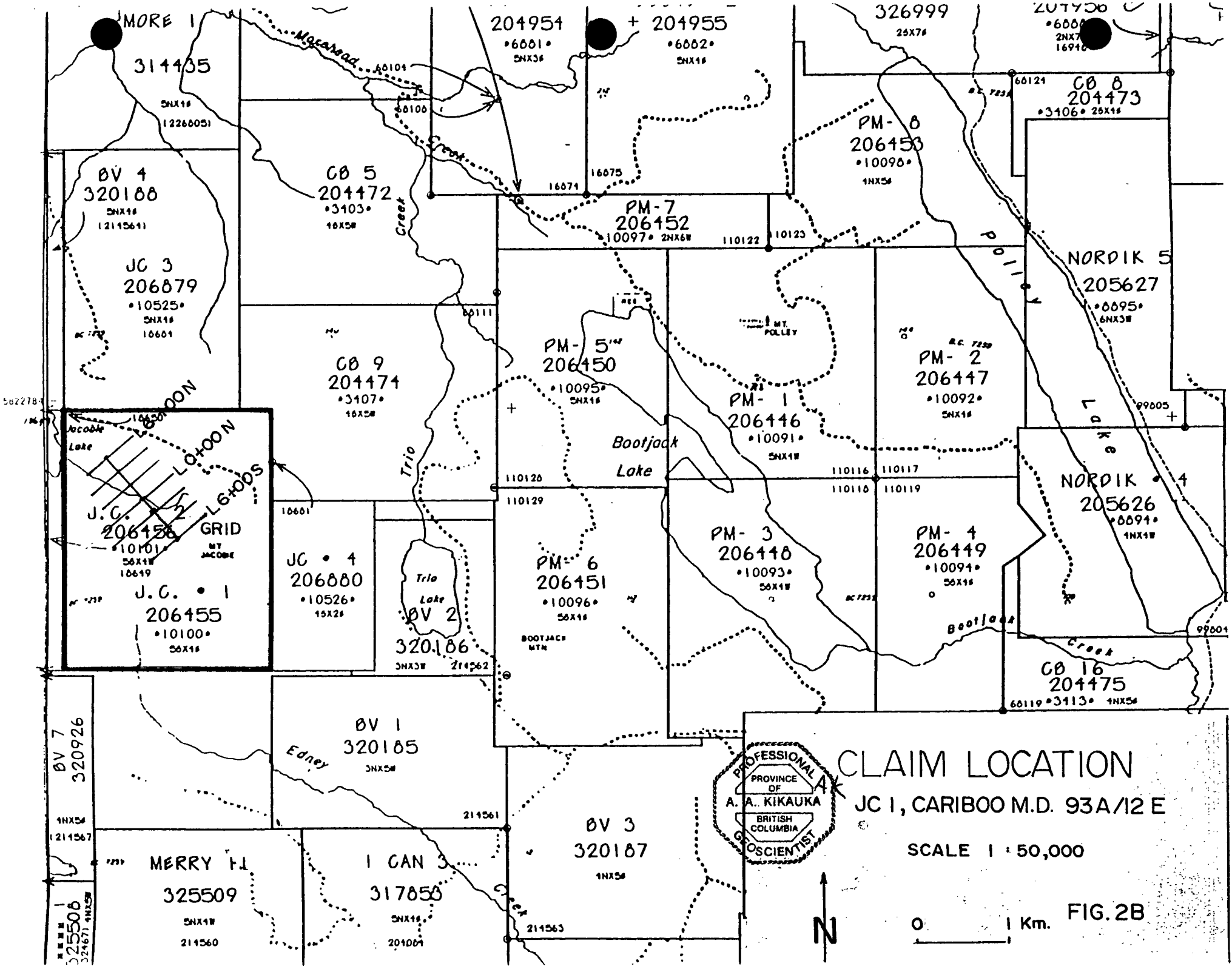
JACOBIE LAKE PROJECT

JC 1 & JC 2 CLAIMS

CLAIM MAP

CARIBOO MINING DISTRICT, B.C.

FIG. 2


MORE 1
314435
5NX1B
(2266051)
204954
•6001•
5NX3B
+ 204955
•6002•
5NX1B
326999
25X7B
Mcleod
Creek
BV 4
320188
5NX1B
(2114641)
CB 5
204472
•3103•
16X5B
Creek
PM-7
206452
•10097•
2NX6B
110122
110123
CB 8
204473
•3106•
25X1B
PM-8
206453
•10096•
1NX5B
JC 3
206879
•10525•
5NX1B
16661
CB 9
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•3107•
16X5B
Trio
Creek
PM-5
206450
•10095•
5NX1B
MT. POLLEY
Polley
Lake
NORDIK 5
205627
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6NX3B
PM-2
206447
•10092•
5NX1B
PM-1
206446
•10091•
5NX1B
Bootjack
Lake
NORDIK 4
205626
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1NX1B
99605
99601
Jacobie
Lake
LOHOON
LOHOON
LOHOON
J.C. 2
206456
•10101•
GRID
MT JACOBIE
5GX1B
16619
J.C. 1
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JC 4
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Trio
Lake
BV 2
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PM-6
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PM-4
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5GX1B
Bootjack
Creek
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BV 7
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1NX5B
(211567)
BV 1
320185
3NX5B
Edney
MERRY 11
325509
5NX1B
211560
I CAN 3
317858
5NX1B
201069
BV 3
320187
1NX5B
Creek
211563
PROFESSIONAL
PROVINCE OF
A. A. KIKAUKA
BRITISH COLUMBIA
GEOSCIENTIST
CLAIM LOCATION
JC 1, CARIBOO M.D. 93A/12 E
SCALE 1 : 50,000
N
0
1 Km.
FIG. 2B

PROPERTY LOCATION

JACOBIE LAKE

JC 1 GRID

MOREHEAD CREEK

TRIO LAKE

CAVIN LAKE

CAVIN CREEK

LEGEND

SEDIMENTARY AND VOLCANIC ROCKS

TERTIARY	PLEISTOCENE	11	Glacial, fluvioglacial and fluvial gravel and sand
	MIOCENE	10	Green, grey and maroon plateau basalt (alkali olivine basalt)
CRETACEOUS			
JURASSIC	PLIENSBACHIAN	6	Cobble conglomerate, clasts of chert, limestone, sandstone carbonaceous shale and sandstone
		5	Well bedded dark grey siltstone and sandstone
	SINEMURIAN	4	Maroon, vesicular alkali olivine basalt, commonly analcite-rich
		3C	Feldspathic tuffaceous siltstone and sandstone, minor breccia
		3B	Lithic crystal tuff, tuff breccia and tuffaceous sandstone, minor latite flow breccia
		3A	Maroon and grey polylithic breccia, clasts of mafic and intermediate compositions in chloritic and feldspathic matrix
TRIASSIC	NORIAN	2H	Coarse-grained greenish grey and brown sandstone, grey medium-grained sandstone and dark grey siltstone and argillite
		2G	Massive grey limestone and calcareous sandstone
		2F	Interbedded dark grey mafic sandstone and siltstone
		2E	Analcite bearing maroon and greenish grey alkali basalt; feldspathic in places
		2D	Hornblende-bearing pyroxene basalt
		2C	Polylithic, grey and maroon mafic breccia, minor feldspathic clasts
		2B	Maroon, pyroxene-phyric alkali basalt
		2A	Green and grey pyroxene-phyric alkali olivine basalt and alkali basalt
	CARNIAN	1	Dark grey siltstone, brown and grey sandstone, unit becomes volcaniclastic towards top. Minor conglomerate and dark grey limestone

INTRUSIVE ROCKS

9	Grey hornblende granodiorite and quartz monzonite
8	Fine- to coarse-grained grey nepheline syenite, locally orbicular
7	Grey and pink, medium fine grained monzonite, monzodiorite, syenodiorite and syenite, pyroxene and/or hornblende-bearing

SYMBOLS

- Outcrop: large, small
- Bedding attitude: tops known, unknown, overturned
- Geological contact: known, approximate
- Fault: inferred
- Foliation
- Lineation: direction of plunge
- Fossil locality
- Significant mineral occurrence
- Cu Py cpy mal — Mineral occurrence: native copper, pyrite, chalcopyrite, malachite
- Zone of mineralisation
- Limit of geological mapping
- Placer workings

SCALE 1:50,000

Km 0 0.5 1.0 2.0 3.0 Km

BCMEMPR PRELIMINARY MAP No. 67

PROFESSIONAL ENGINEER — PROVINCE OF BRITISH COLUMBIA — A. A. KIKAUKA — GEOSCIENTIST

JACOBIE LAKE PROJECT

JC 1 & JC 2 CLAIMS

PROPERTY AREA GEOLOGY

CARIBOO MINING DISTRICT, B.C.

FIG. 3

MAGNETOMETER READINGS, JC 1, CARIBOO M.D., SEPT., 94
L 6+00 N

0+00 W	58110	
0+12 W	57990	
0+25 W	57940	
0+37 W	58050	
0+50 W	58000	
0+62 W	58120	
0+75 W	57950	
0+87 W	58170	
1+00 W	58180	
1+12 W	58210	
1+25 W	58180	
1+37 W	57940	
1+50 W	57880	
1+62 W	57940	
1+75 W	58010	road
1+87 W	57930	
2+00 W	57790	
2+12 W	57800	
2+25 W	57990	
2+37 W	58060	
2+50 W	58120	
2+62 W	58220	
2+75 W	58170	
2+87 W	57900	
3+00 W	57880	

MAGNETOMETER READINGS, JC 1, CARIBOO M.D., SEPT., 94
L 6+00 N

4+00 E	57790	
3+87 E	57810	
3+75 E	57800	
3+62 E	57790	
3+50 E	57680	
3+37 E	57710	
3+25 E	57660	
3+12 E	57690	
3+00 E	57740	
2+87 E	57860	
2+75 E	57910	
2+62 E	57830	
2+50 E	57790	
2+37 E	57840	
2+25 E	57900	
2+12 E	58010	
2+00 E	57700	
1+87 E	57840	
1+75 E	57760	
1+62 E	57550	
1+50 E	57630	
1+37 E	57610	
1+25 E	57530	
1+12 E	57800	
1+00 E	57820	
0+87 E	57900	
0+75 E	57790	
0+62 E	57750	
0+50 E	57950	trench
0+37 E	57850	
0+25 E	57800	
0+12 E	57960	
0+00 E	58110	

MAGNETOMETER READINGS, JC 1, CARIBOO M.D., SEPT., 94
L 4+00 N

0+00 W	58460	
0+12 W	58370	
0+25 W	58480	
0+37 W	58360	
0+50 W	58420	
0+62 W	58010	
0+75 W	57840	spur road
0+87 W	57640	
1+00 W	57400	gulley
1+12 W	57670	
1+25 W	57880	
1+37 W	57760	
1+50 W	57830	
1+62 W	57710	
1+75 W	57780	
1+87 W	57940	
2+00 W	58010	forks of main road
2+12 W	58030	
2+25 W	58090	
2+37 W	58150	
2+50 W	58190	
2+62 W	58430	gulley
2+75 W	58240	
2+87 W	58190	
3+00 W	58030	
3+12 W	58020	
3+25 W	57910	
3+37 W	57880	
3+50 W	57770	
3+62 W	57800	
3+75 W	57560	
3+87 W	57570	
4+00 W	57590	

MAGNETOMETER READINGS, JC 1, CARIBOO M.D., SEPT., 94
L 4+00 N

4+00 E	57730
3+87 E	57810
3+75 E	57880
3+62 E	57800
3+50 E	57710
3+37 E	57740
3+25 E	57690
3+12 E	57600
3+00 E	57670
2+87 E	57690
2+75 E	57780
2+62 E	57840
2+50 E	58010
2+37 E	58140
2+25 E	58200
2+12 E	58240
2+00 E	58490
1+87 E	58510
1+75 E	58330
1+62 E	58090
1+50 E	58170
1+37 E	58080
1+25 E	57970
1+12 E	57960
1+00 E	58010
0+87 E	57900
0+75 E	57740
0+62 E	57800
0+50 E	57790
0+37 E	57510
0+25 E	57870
0+12 E	58140
0+00 E	58460

MAGNETOMETER READINGS, JC 1, CARIBOO M.D., SEPT., 94
L 2+00 N

0+00	W	57890	
0+12	W	58060	
0+25	W	58200	
0+37	W	58270	
0+50	W	57540	
0+62	W	57370	
0+75	W	57520	
0+87	W	57820	creek
1+00	W	57800	road
1+12	W	57700	
1+25	W	57760	
1+37	W	57740	
1+50	W	57800	skid road
1+62	W	57780	
1+75	W	57790	
1+87	W	57700	
2+00	W	57790	
2+12	W	57790	
2+25	W	57810	
2+37	W	57860	
2+50	W	57760	
2+62	W	58140	
2+75	W	58040	
2+87	W	57710	
3+00	W	57820	
3+12	W	57860	
3+25	W	57960	
3+37	W	57810	
3+50	W	57750	
3+62	W	57790	
3+75	W	57760	
3+87	W	57790	
4+00	W	57810	road

MAGNETOMETER READINGS, JC 1, CARIBOO M.D., SEPT., 94

L 2+00 N

4+00 E	57950
3+87 E	57900
3+75 E	57840
3+62 E	57810
3+50 E	57900
3+37 E	57910
3+25 E	57830
3+12 E	57770
3+00 E	57770
2+87 E	57590
2+75 E	57660
2+62 E	57600
2+50 E	57910
2+37 E	58030
2+25 E	58160
2+12 E	58120
2+00 E	58440
1+87 E	58310
1+75 E	58010
1+62 E	57940
1+50 E	57880
1+37 E	57830
1+25 E	57970
1+12 E	57930
1+00 E	58110
0+87 E	57920
0+75 E	57900
0+62 E	57980
0+50 E	57940
0+37 E	57940
0+25 E	57900
0+12 E	57900
0+00 E	57890

MAGNETOMETER READINGS, JC 1, CARIBOO M.D., SEPT., 94
L 0+00 N

0+00	W	57380	
0+12	W	57890	
0+25	W	57710	
0+37	W	57790	
0+50	W	57820	
0+62	W	57410	
0+75	W	57610	
0+87	W	57600	
1+00	W	57660	
1+12	W	57750	
1+25	W	57730	
1+37	W	57800	
1+50	W	57760	
1+62	W	57870	
1+75	W	58120	
1+87	W	58250	
2+00	W	58140	
2+12	W	58440	gulley
2+25	W	58530	
2+37	W	58160	
2+50	W	58140	
2+62	W	58300	
2+75	W	58110	
2+87	W	58600	
3+00	W	58290	
3+12	W	57940	
3+25	W	58010	
3+37	W	57900	
3+50	W	57700	
3+62	W	57770	
3+75	W	57820	
3+87	W	58040	
4+00	W	57900	
4+12	W	57070	
4+25	W	59120	gulley
4+37	W	57990	
4+50	W	57900	
4+62	W	57860	
4+75	W	57540	
4+87	W	57660	
5+00	W	57810	
5+12	W	58060	
5+25	W	57920	
5+37	W	57890	
5+50	W	57790	
5+62	W	57900	
5+75	W	57880	
5+87	W	58120	
6+00	W	58490	

MAGNETOMETER READINGS, JC 1, CARIBOO M.D., SEPT., 94
L 0+00 N

4+00	E	57930
3+87	E	57860
3+75	E	57750
3+62	E	57810
3+50	E	57900
3+37	E	57690
3+25	E	57670
3+12	E	57650
3+00	E	57600
2+87	E	57510
2+75	E	57470
2+62	E	57490
2+50	E	57660
2+37	E	57820
2+25	E	57900
2+12	E	58120
2+00	E	58420
1+87	E	58820
1+75	E	58570
1+62	E	58210
1+50	E	58230
1+37	E	57960
1+25	E	57790
1+12	E	57920
1+00	E	57770
0+87	E	57740
0+75	E	57790
0+62	E	58650
0+50	E	58710
0+37	E	58430
0+25	E	57930
0+12	E	57580
0+00	E	57380

MAGNETOMETER READINGS, JC 1, CARIBOO M.D., SEPT., 94

L 2+00 S

0+00 W	58040
0+12 W	57760
0+25 W	57830
0+37 W	57470
0+50 W	57620
0+62 W	57710
0+75 W	57780
0+87 W	57700
1+00 W	57810
1+12 W	57740
1+25 W	57650
1+37 W	57910
1+50 W	57770
1+62 W	57850
1+75 W	57720
1+87 W	57990
2+00 W	58510
2+12 W	58310
2+25 W	58170
2+37 W	58190
2+50 W	58010
2+62 W	58110
2+75 W	57900
2+87 W	58280
3+00 W	58510
3+12 W	58490
3+25 W	58410
3+37 W	58290
3+50 W	58250
3+62 W	58310
3+75 W	58490
3+87 W	58640
4+00 W	58470
4+12 W	58640
4+25 W	58870
4+37 W	58880
4+50 W	58360
4+62 W	58410
4+75 W	58570
4+87 W	58440
5+00 W	58400
5+12 W	57800
5+25 W	57880
5+37 W	57840
5+50 W	58070
5+62 W	58110
5+75 W	58000
5+87 W	58060
6+00 W	58160

MAGNETOMETER READINGS, JC 1, CARIBOO M.D., SEPT., 94

L 2+00 S

4+00 E	58110
3+87 E	57940
3+75 E	57900
3+62 E	57800
3+50 E	57740
3+37 E	57870
3+25 E	57890
3+12 E	57840
3+00 E	57790
2+87 E	57870
2+75 E	57940
2+62 E	58160
2+50 E	57690
2+37 E	57940
2+25 E	58110
2+12 E	58160
2+00 E	58120
1+87 E	58290
1+75 E	58110
1+62 E	58090
1+50 E	57900
1+37 E	57790
1+25 E	57840
1+12 E	57880
1+00 E	58000
0+87 E	58280
0+75 E	58110
0+62 E	58070
0+50 E	57920
0+37 E	57800
0+25 E	57930
0+12 E	58100
0+00 E	58040

MAGNETOMETER READINGS, JC 1, CARIBOO M.D., SEPT., 94

L 4+00 S

0+00 W	57520	
0+12 W	57540	road
0+25 W	57660	
0+37 W	57710	
0+50 W	57840	
0+62 W	57770	
0+75 W	57890	
0+87 W	57990	
1+00 W	58040	
1+12 W	57840	
1+25 W	57820	
1+37 W	58040	
1+50 W	57880	
1+62 W	57800	
1+75 W	57940	
1+87 W	57920	
2+00 W	57950	
2+12 W	57770	
2+25 W	58010	
2+37 W	57940	
2+50 W	58060	
2+62 W	57850	
2+75 W	57750	
2+87 W	57690	
3+00 W	57710	
3+12 W	57780	
3+25 W	57770	
3+37 W	57890	
3+50 W	57850	

MAGNETOMETER READINGS, JC 1, CARIBOO M.D., SEPT., 94

L 4+00 S

4+00 E	57900
3+87 E	58010
3+75 E	58050
3+62 E	57900
3+50 E	57890
3+37 E	57920
3+25 E	58170
3+12 E	58110
3+00 E	58210
2+87 E	58200
2+75 E	58120
2+62 E	57930
2+50 E	57860
2+37 E	57880
2+25 E	57890
2+12 E	57940
2+00 E	58210
1+87 E	57880
1+75 E	57820
1+62 E	58010
1+50 E	57710
1+37 E	57800
1+25 E	57700
1+12 E	57710
1+00 E	57830
0+87 E	57940
0+75 E	58640
0+62 E	58460
0+50 E	58330
0+37 E	57880
0+25 E	57930
0+12 E	57580
0+00 E	57520

MAGNETOMETER READINGS, JC 1, CARIBOO M.D., SEPT., 94

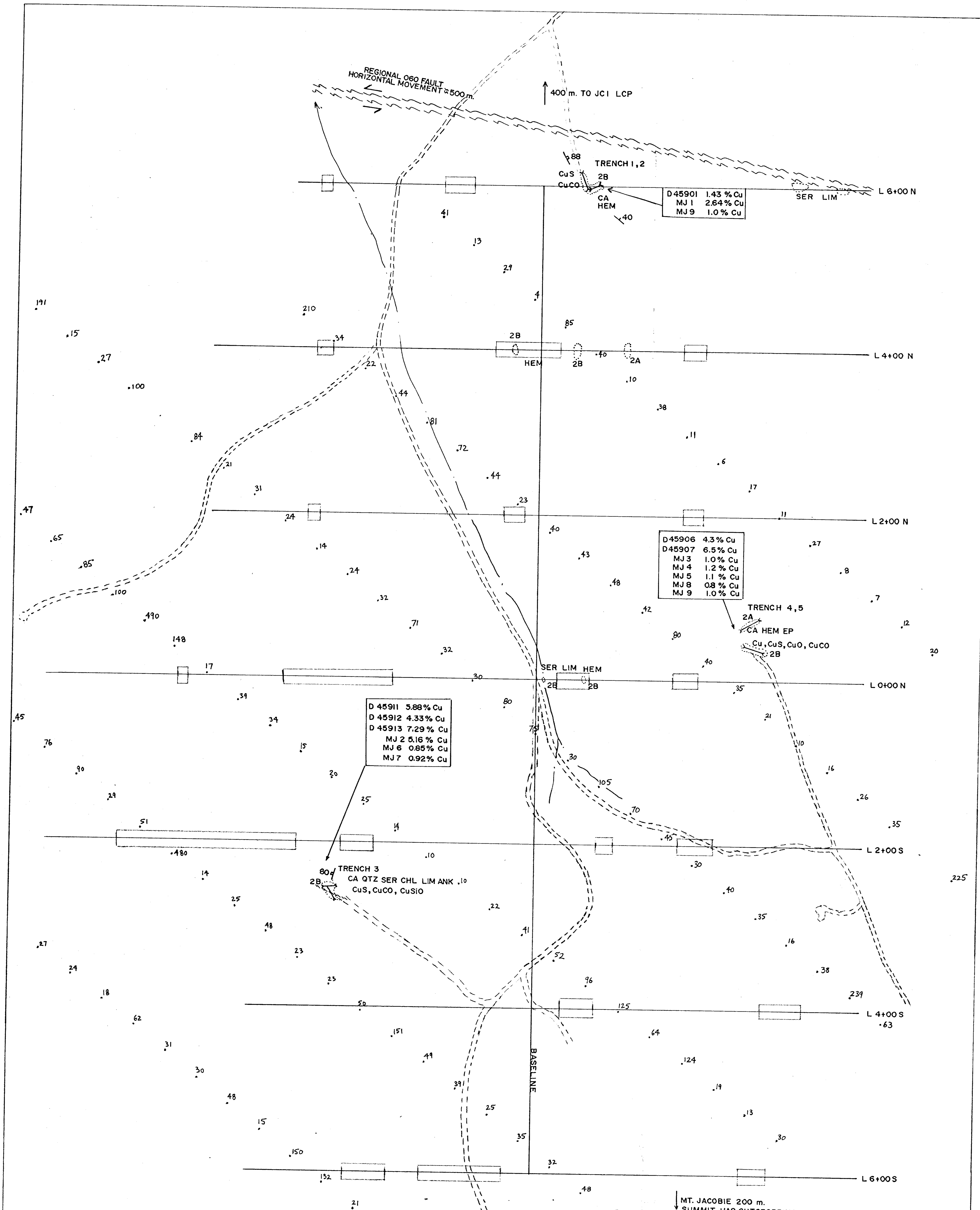
L 6+00 S

0+00 W	57890	
0+12 W	57940	
0+25 W	58110	
0+37 W	58170	
0+50 W	58370	
0+62 W	58450	
0+75 W	58320	
0+87 W	58290	
1+00 W	58560	
1+12 W	58220	
1+25 W	58110	
1+37 W	57940	
1+50 W	57700	
1+62 W	58010	
1+75 W	58110	
1+87 W	58040	
2+00 W	58210	
2+12 W	58310	road
2+25 W	57590	
2+37 W	57790	
2+50 W	57820	
2+62 W	57790	
2+75 W	58110	
2+87 W	58030	
3+00 W	57940	
3+12 W	58150	
3+25 W	58010	
3+37 W	57890	
3+50 W	57950	

MAGNETOMETER READINGS, JC 1, CARIBOO M.D., SEPT., 94

L 6+00 S

		road
4+00	E	57840
3+87	E	58010
3+75	E	58110
3+62	E	57940
3+50	E	57880
3+37	E	57900
3+25	E	58060
3+12	E	58140
3+00	E	57890
2+87	E	58070
2+75	E	58120
2+62	E	58310
2+50	E	57990
2+37	E	57830
2+25	E	57810
2+12	E	57620
2+00	E	57590
1+87	E	57550
1+75	E	57630
1+62	E	57680
1+50	E	57680
1+37	E	57620
1+25	E	57860
1+12	E	57800
1+00	E	57870
0+87	E	57900
0+75	E	57940
0+62	E	58010
0+50	E	57900
0+37	E	57880
0+25	E	57850
0+12	E	57760
0+00	E	57890



PROPERTY GEOLOGICAL COMPILATION
JC1 CLAIM

CARIBOO M.D., 93 A/12 E, SCALE 1:2,500 FIG. 5

0 100 200 m.

LEGEND

ZONE OF 300-1200 GAMMA INCREASED MAGNETOMETER READINGS

490 PPM Cu IN SOIL, FROM BC EM&PR ASSESSMENT RPT. 12589 (SIMPSON,84)

OUTCROP

FAULT

FLOW BANDING

FRACTURING

ROAD

TRENCH, ROCK CHIP ASSAYS FROM PAMICON DEV. LTD. (MONTGOMERY,91)

CREEK

LATE TRIASSIC VOLCANICS

2C MAFIC BRECCIA, grey-maroon, lahar texture

2B BASALT, maroon, pyroxene-phyric alkali flows, minor limonitic felsite (chert)

2A BASALT, green-grey, pyroxene-phyric alkali flows, and alkali olivene flows

ALTERATION

SER SERICITE
CA CARBONATIZATION
HEM HEMATIZATION
CHL CHLORITE
EP EPIDOTE
QTZ SILICIFICATION
ANK ANKERITE
LIM LIMONITE

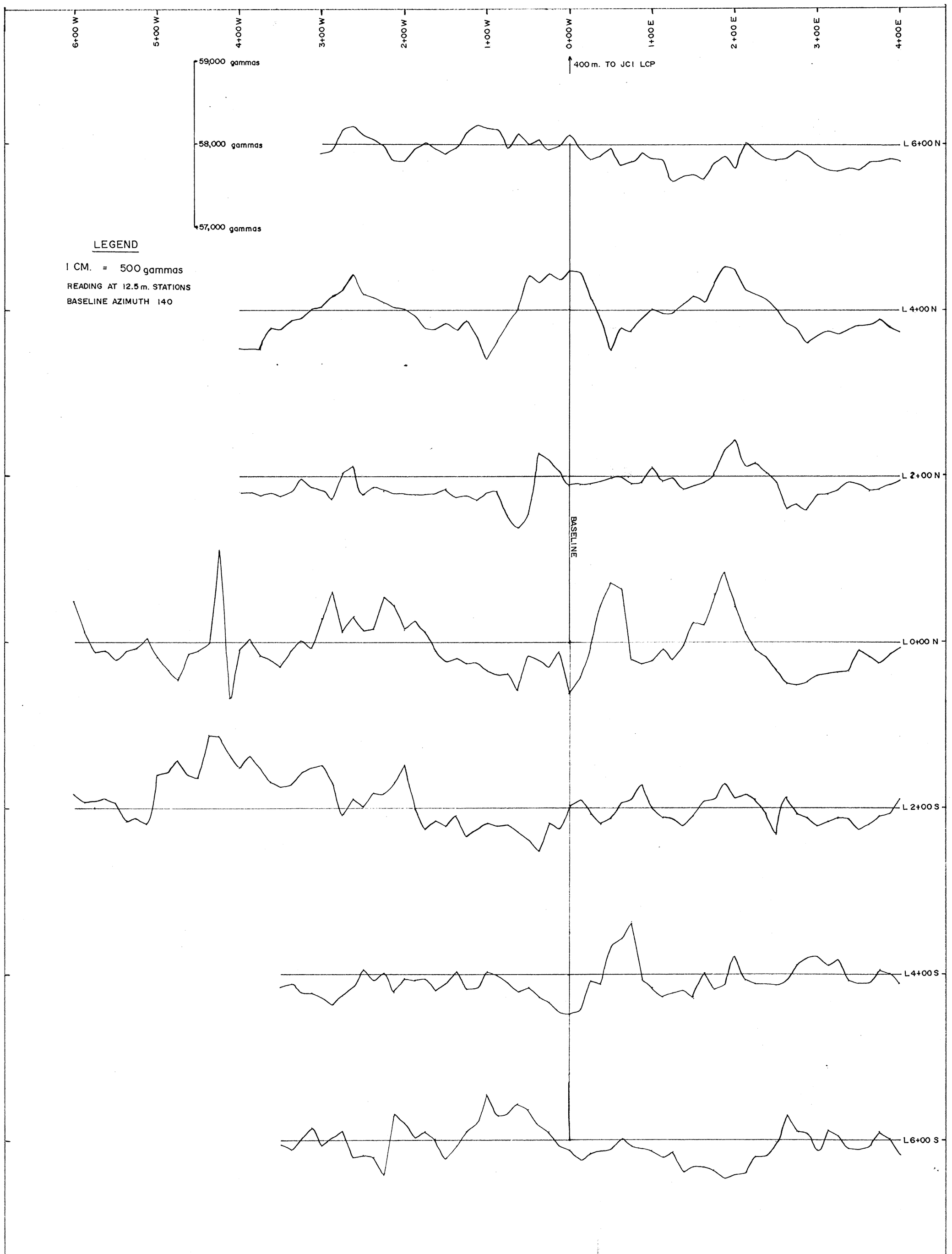
MINERALIZATION

Cu NATIVE COPPER
CuS CHALCOCITE ± COVELLITE
CuO CUPRITE
CuCO MALACHITE, AZURITE
CuSiO CHRYSOCALLA

PROFESSIONAL GEOSCIENTIST — PROVINCE OF BRITISH COLUMBIA — A. A. KIKAUKA

GEOLOGICAL BRANCH
ASSESSMENT REPORT

23,549



MAGNETOMETER SURVEY, JC 1 CLAIM

CARIBOO M.D., 93 A/12 E, SCALE 1:2,500

READINGS AT 12.5 m. SPACING

INSTRUMENT - UNIMAG G836, OCT. 94

FIG. 4

PROFESSIONAL ENGINEER
PROVINCE OF BRITISH COLUMBIA
A. A. KIKAUKA
GEOSCIENTIST

GEOLOGICAL BRANCH
ASSESSMENT REPORT

23,549